



Zootaxa 4145 (1): 001–449
<http://www.mapress.com/j/zt/>

Copyright © 2016 Magnolia Press

Monograph

ISSN 1175-5326 (print edition)

ZOOTAXA

ISSN 1175-5334 (online edition)

<http://doi.org/10.11646/zootaxa.4145.1.1>

<http://zoobank.org/urn:lsid:zoobank.org:pub:05F31467-CB95-4451-87D3-C3F576FDD51C>

ZOOTAXA

4145

Catalog to families, genera, and species of orders Actiniaria and Corallimorpharia (Cnidaria: Anthozoa)

DAPHNE GAIL FAUTIN

*University of Kansas, Department of Ecology and Evolutionary Biology and
Division of Invertebrate Zoology, Natural History Museum (Biodiversity Institute), Lawrence, Kansas 66045, USA
Email: fautin@ku.edu*



Magnolia Press
Auckland, New Zealand

Accepted by Zhi-Qiang Zhang: 5 Nov. 2015; published: 29 Jul. 2016

Licensed under a Creative Commons Attribution License <http://creativecommons.org/licenses/by/3.0>

DAPHNE GAIL FAUTIN

**Catalog to families, genera, and species of orders Actiniaria and Corallimorpharia
(Cnidaria: Anthozoa)**

(*Zootaxa* 4145)

449 pp.; 30 cm.

1 Aug. 2016

ISBN 978-1-77557-507-8 (paperback)

ISBN 978-1-77557-508-5 (Online edition)

FIRST PUBLISHED IN 2016 BY

Magnolia Press

P.O. Box 41-383

Auckland 1346

New Zealand

e-mail: magnolia@mapress.com

<http://www.mapress.com/j/zt>

© 2016 Magnolia Press

ISSN 1175-5326 (Print edition)

ISSN 1175-5334 (Online edition)

Table of contents

Abstract	3
Introduction	4
THE ANIMALS	4
THE BOOK	5
PRINCIPLES APPLYING TO ALL TAXONOMIC RANKS	9
CONTENT	11
SUMMARY OF NOMENCLATURAL FINDINGS	13
TAXONOMY	22
Acknowledgments	24
CORALLIMORPHARIA	25
FAMILIES	25
GENERA	25
SPECIES	29
ACTINIARIA	43
FAMILIES	43
GENERA	51
SPECIES	142
References	422

Abstract

This book inventories all available (and some unavailable) names in the family, genus, and species groups of extant members of orders Actiniaria and Corallimorpharia [cnidarian subclass Hexacorallia (Zoantharia) of class Anthozoa], providing a benchmark of names, their status, and taxon membership. I have attempted to make the compilation complete as of 2010; some names created after 2010 are included. The book is derived from a database I compiled that was available through a website. Most of the book is from the literature that defines taxa and documents their geographic distribution—primarily publications on nomenclature, taxonomy, and biogeography, but also some on ecology, pharmacology, reproductive biology, physiology, etc. of anemones (the common name for these groups); the reference section comprises 845 entries. As for previous anemone catalogs, this contains taxonomic as well as nomenclatural information, the former based on subjective opinion of working biologists, the latter objectively verifiable and unchanging (except by action of the International Commission on Zoological Nomenclature).

Each family-group name, genus-group name, and original combination for species-group names has an entry. The entry contains the bibliographic reference to the publication in which each name was made available. This book contains for Corallimorpharia seven family names (four considered valid [57%]), 20 generic names (10 considered valid [50%] and one unavailable), and 65 species names (46 considered valid [70%]). It contains for Actiniaria 86 family names (50 considered valid [58%] and three unavailable), 447 generic names (264 considered valid [59%] and two unavailable), and 1427 species names (1101 considered valid [77%] and nine unavailable). Type specimens are inventoried from more than 50 natural history museums in Africa, Australia, Europe, New Zealand, and North America, including those with the largest collections of anemones; the geographic sources of specimens that were the bases of new names are identified. I resolve some nomenclatural issues, acting as First Reviser. A few taxonomic opinions are published for the first time. I have been unable to resolve a small number of problematic names having both nomenclatural and taxonomic problems. Molecular phylogenetic analyses are changing assignment of genera to families and species to genera. Systematics may change, but the basics of nomenclature remain unchanged in face of such alterations.

All actions are in accord with the principles of nomenclature enunciated in the International Code of Zoological Nomenclature. These include the type concept, the Principle of Coordination, and the Principle of Priority. Nomenclatural acts include the creation of new replacement names; seven actiniarian generic names and one species name that are junior homonyms but have been treated as valid are replaced and an eighth new genus name is created. I designate type species for two genera. Except for published misspellings, names are rendered correctly according to the International Code of Zoological Nomenclature; I have altered spelling of some species names to conform to orthographic regulations. I place several species that had been assigned to genera now considered junior synonyms in the genus to which the type species was moved; experts on these anemones should determine whether those generic placements, which follow the nomenclatural rules, are taxonomically appropriate.

This inventory can be a useful starting point in assembling the literature and trying to understand the rationale for the creation and use of names for the taxonomic matters yet to be resolved. Some nomenclatural conundra will not be resolved until taxonomic uncertainties are. A taxonomist familiar with the animals needs to ascertain whether the published synonymies are justified. If so, the senior synonym should be used, which, in many instances, will involve determining the proper generic assignment of the species and the correct rendering of the name; if changing the name would be disruptive, retaining the junior name would require an appeal to the Commission (Code Article 23.11).

Introduction

This book inventories all available (and some unavailable) names in the family, genus, and species groups of extant (*i.e.* non-fossil) members of orders Actiniaria and Corallimorpharia of subclass Hexacorallia (Zoantharia) (cnidarian class Anthozoa). These animals are popularly known in English as sea anemones and mushroom anemones, respectively; both are referred to as “anemones” in the loose sense. The book compiles the published literature (the reference section comprises 845 citations) for names in family, genus, and species groups, the groups most regulated by the International Code of Zoological Nomenclature (International Commission on Zoological Nomenclature, 1999), hereafter referred to as the “Code.”

This compilation of nomenclatural, taxonomic, and biogeographic information is in the tradition of the catalogs to anemones published by Andres (1883) [Ref. 6170], Stephenson (1920, 1921, 1922) [Refs. 449, 450, 451, respectively], and Carlgren (1949) [Ref. 31], the first of which claimed to be comprehensive, and the last of which did not (but is often treated as if it were). I have attempted to make this one complete as of 2010, but some information published later than 2010 is included. Much of the small amount of taxonomic and nomenclatural information that has not previously been published is by way of reconciling practice with the Code (such as gender agreement) or resolving some matters I have uncovered in surveying the literature. I resolve some nomenclatural issues, acting as First Reviser; the Principle of the First Reviser is explained in Code Article 24.2.1.

This catalog is intended for people interested in the history of taxonomy of members of Actiniaria and Corallimorpharia, and working on their discovery and revision. Of course, ultimately the original literature must be consulted to understand the nuances of how a name has been used, but this catalog provides a point of entry, summarizing some important issues and providing bibliographic details. Some of the included data are widely known but some are not—by including the same information for each taxon, I hope that comparisons can be made and people of all levels of knowledge can learn. People who discover errors in what I have written, or emendations (such as discovery of additional type specimens) are urged to publish their findings where users can easily locate them.

THE ANIMALS

Members of Actiniaria and Corallimorpharia are polyps that are skeletonless and solitary (although some species exhibit clonality). Because the animals are externally similar, the features used to define them taxonomically and the methods used to study them are similar; therefore, many of the same people have studied both, and some species have been referred to both taxa during their history. Internal morphology is also similar in that animals of the two groups have both paired and coupled mesenteries. Stephenson (1928) [Ref. 504] and Carlgren (1949) [Ref. 31], among others, defined these terms. The only other hexacorallians with mesenteries adjacently paired and diametrically coupled are members of order Scleractinia, the stony corals. Actiniaria and Corallimorpharia, which have not always been considered as separate taxa, are distinguished from Scleractinia by the polyp’s lacking an external calcareous skeleton; because of similarities in nematocysts and details of internal anatomy of their members, Corallimorpharia and Scleractinia have not always been considered as separate taxa [see Stephenson’s introduction to Carlgren’s (1949) catalog and Carlgren’s own introductory remarks].

The currently recognized members of orders Actiniaria, Corallimorpharia, and Scleractinia seem to be derived from a common ancestor; which of the two groups are more closely related was long debated. Nucleic acid sequence data seem consistently to resolve Corallimorpharia and Scleractinia as more closely related to one another than either is to Actiniaria (e.g. Daly *et al.*, 2003 [Ref. 1871]; the analysis of Brugler & France (2007) [Ref. 5719] also included hexacorallian order Antipatharia as a close relative). Stephenson (1921) [Ref. 450] advocated removing the Ptychodactiaria (which consisted then of two monospecific genera) from Actiniaria; Carlgren defined an order for them [as above, see Stephenson’s introduction to Carlgren’s (1949) [Ref. 31] catalog and Carlgren’s own introductory remarks]—thus the title of Carlgren’s catalog “A Survey of the Ptychodactiaria, Corallimorpharia and Actiniaria.” Following the description of a third genus and species in England & Robson (1984) [Ref. 61], Cappola & Fautin (2000) [Ref. 1594] returned Ptychodactiaria to Actiniaria, a placement supported by molecular sequence data (Daly *et al.*, 2003 [Ref. 1871]). Order Zoanthidea also has members that have been called by generic names now considered to belong in either Actiniaria or Corallimorpharia; e.g. *Isaura* Audoin, 1828, which is now

put in Zoanthidea, originally contained at least one species now placed in Corallimorpharia. Systematic order is uncertain not only at the highest taxonomic levels. Andres, Stephenson, and Carlgren arranged taxa in their catalogs in what was then considered phylogenetic order, although in his introduction to Carlgren's catalog, Stephenson expressed concerns about some arrangements, as did Carlgren himself. Stephenson (1920: 426) [Ref. 449] created his catalog as a way "to develop certain views on Actinian classification." With the addition of nucleic acid sequence data, much of that arrangement is being questioned (e.g. Rodríguez *et al.*, 2012 [Ref. 6248], 2014 [Ref. 6244]).

THE BOOK

This book is derived from a database I compiled that was available through a website from about 1995; the website (<http://geoportal.kgs.ku.edu/hexacoral/anemone2/index.cfm>) was titled "Hexacorallians of the World" from about 2000. Being uncertain how long the website would persist, I produced this book. Most of the database (and therefore this book) consists of previously published information: it is drawn from publications that define taxa and document their geographic distribution—primarily those on nomenclature, taxonomy, and biogeography, but also some on ecology, pharmacology, reproductive biology, physiology, etc. of anemones. Another motivation for this book is that the major changes being proposed to anemone phylogeny based on molecular data (e.g. Rodríguez *et al.* 2012 [Ref. 6248], 2014 [Ref. 6244]) are changing the circumscription—and thereby the membership—of some taxa; this book provides a benchmark of anemone names, their status, and taxon membership as of 2010. In the process of compiling the book, I made some additions and changes, so the book takes precedence over the database, and is the definitive version of the information.

Two major novelties of this book, aside from drawing all published taxonomic information together for the first time since 1883, are: 1) inventory of type specimens from more than 50 natural history museums in Africa, Australia, Europe, New Zealand, and North America, including those with the largest collections of anemones; and 2) identifying the geographic sources of specimens that were the bases of new names (type localities and where paratypes and paralectotypes were collected). Both appeared on the website.

Abbreviations used for natural history museum names are given below. An asterisk by the name indicates I did not visit the museum; visits were made in the late 20th and very early 21st century, so I may not have seen specimens of species described later even in museums I visited. Some abbreviations are for names no longer current but are used because most of the specimens are referred to in publication (and in museum catalogs) by the old names. A small number of catalog numbers for a museum are duplicated. This may be because the specimens are said to be from more than one place, so all are listed separately, or because multiple indistinguishable specimens are in a single container but are referred to separately in publication. In rare cases duplicate numbers were issued by the museum.

AM: Australian Museum, Sydney, Australia

AMNH: American Museum of Natural History, New York City, New York, USA

ANSP: Academy of Natural Sciences of Philadelphia, Philadelphia, Pennsylvania, USA

AUT: Museum of the Department of Zoology, Aristotle University of Thessaloniki, Thessalonica, Greece*

BMNH: British Museum (Natural History) (also known as the Natural History Museum), London, England, UK

BNHS: Bombay Natural History Society, Mumbai, India*

BPBM: Bernice P. Bishop Museum, Honolulu, Hawai'i, USA

CAS: California Academy of Sciences, San Francisco, California, USA

CM: Canterbury Museum, Christchurch, New Zealand

CMN: Canadian Museum of Nature, Ottawa, Ontario, Canada

EUU: Evolutionsmuseet, Uppsala Universitet, Uppsala, Sweden

EWULS: Department of Life Sciences, Ewha Womans University, Seoul, Korea

EWUM: Natural History Museum, Ewha Womans University, Seoul, Korea

FCEN: Facultad de Ciencias Exactas y Naturales, Buenos Aires, Argentina*

FMNH: Field Museum of Natural History, Chicago, Illinois, USA*

GNM: Natural History Museum, Göteborg, Sweden

HUJ: Hebrew University of Jerusalem, Jerusalem, Israel*

HUM: Hokkaido University Museum, Sapporo, Japan*
 IBM: Instituto de Biología Marina, Mar del Plata, Argentina*
 IM: Indian Museum, Calcutta (Kolkata), India*
 IOC: Institute of Oceanology, Chinese Academy of Sciences, Qingdao, Shandong, China*
 KIEE: Kamchatka Institute of Ecology and Environment, Kamchatka, Russia*
 KPI: Kamchatka Branch of the Pacific Institute of Geography, Kamchatka, Russia*
 KU: University of Kansas Natural History Museum, Lawrence, Kansas, USA
 KUSP: Department of Invertebrate Zoology (= Kafedra), University of St. Petersburg, St. Petersburg, Russia
 LA: Laboratoire Arago, Observatoire Océanologique, Banyuls-sur-Mer, France*
 LACM: Natural History Museum of Los Angeles County, Los Angeles, California, USA
 LBMS: Laboratorio de Biología Marina, Universidad de Sevilla, Seville, Spain*
 LS: Zoological Museum "La Specola" [Museo Zoologico dell'Università di Firenze], Florence, Italy
 MACN: Museo Argentino de Ciencias Naturales, Buenos Aires, Argentina*
 MCZ: Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, USA
 MFRI: Museum of the Fisheries Research Institute, Kavala, Greece*
 MLML: Moss Landing Marine Laboratories, Moss Landing, California, USA
 MLP: Museo de La Plata, La Plata, Argentina*
 MNB: Museum für Naturkunde der Humboldt Universität, Berlin, Germany
 MNHN: Muséum National d'Histoire Naturelle, Paris, France
 MNHO: Museum of Natural History, Oslo, Norway*
 MNM: Museo Nacional de Ciencias Naturales de Madrid, Madrid, Spain*
 MNRJ: Museu Nacional, Rio de Janeiro, Brazil*
 MOM: Musée Océanographique, Monaco
 MPUW: Muzeum Przyrodnicze, Uniwersytetu Wrocławskiego, Wrocław, Poland
 MTQ: Museum of Tropical Queensland, Townsville, Queensland, Australia
 MSC: Department of Marine Sciences, University of Cochin (now Cochin University of Science and Technology),
 Ernakulam, Kerala, India*
 MUC: Museo de Zoología de la Universidad de Concepción, Concepción, Chile*
 MV: Museum of Victoria, Melbourne, Victoria, Australia
 MZB: Museum of Zoology, University of Bergen, Bergen, Norway
 MZC: University Museum of Zoology, Cambridge University, Cambridge, England, UK
 MZL: Museum of Zoology, Lund University, Lund, Sweden
 NHMD: Natural History Museum, Science and Art Department, Dublin, Ireland*
 NHMG: Natural History Museum Göteborg, Göteborg, Sweden
 NHMI: Natural History Museum and Institute, Chiba, Japan*
 NMNS: National Museum of Natural Science, Taichung, Taiwan*
 NMNZ: National Museum of New Zealand, Wellington, New Zealand
 NNM: Nationaal Natuurhistorisch Museum (also known as Rijksmuseum van Natuurlijke Historie and Naturalis),
 Leiden, The Netherlands
 NRS: Naturhistoriska Riksmuseet, Stockholm, Sweden
 NSMT: National Science Museum (also known as National Museum of Nature and Science), Tokyo, Japan*
 NVT: Norges teknisk-naturvitenskapelige universitet Vitenskapsmuseet, Trondheim, Sweden
 NIWA: National Institute of Water and Atmospheric Research (formerly the New Zealand Oceanographic Institute
 [NZOI]), Wellington, New Zealand
 OM: Otago Museum, Dunedin, New Zealand
 OUM: Oxford University Museum of Natural History, Oxford, UK
 PMJ: Phyletisches Museum, Jena, Germany
 PNMB: Porto Novo Marine Biological Station Museum, Porto Novo (Parangipettai), Tamil Nadu, India*
 RAS: Zoological Institute, Russian Academy of Sciences, St. Petersburg, Russia
 RBCM: Royal British Columbia Museum, Victoria, British Columbia, Canada
 RMB: Raffles Museum of Biodiversity Research (now Lee Kong Chian Natural History Museum), National
 University of Singapore, Singapore
 RSM: Royal Scottish Museum, Edinburgh, Scotland, UK
 SAM: South African Museum, Cape Town, South Africa

SBMNH: Santa Barbara Museum of Natural History, Santa Barbara, California, USA
SMF: Senckenberg Museum, Frankfurt, Germany
UAC: Universidad Austral de Chile, Valdivia, Chile*
UCMNH: University of Copenhagen Museum of Natural History, Copenhagen, Denmark
UFB: Universidade Federal da Bahia, Salvador, Brazil*
UFM: Florida Museum of Natural History, University of Florida, Gainesville, Florida, USA*
USNM: U. S. National Museum of Natural History (Smithsonian Institution), Washington, D.C., USA
USP: University of the South Pacific, Suva, Fiji
WAM: Western Australian Museum, Perth, Australia
YPM: Peabody Museum of Natural History, Yale University, New Haven, Connecticut, USA
ZMA: Zoologisch Museum Amsterdam, Universiteit van Amsterdam, Amsterdam, The Netherlands (since visit collection transferred to NNM)
ZMH: Zoologisches Museum Hamburg, Hamburg, Germany
ZMSU: Zoological Museum of Moscow State University, Moscow, Russia*
ZSI: Zoological Survey of India, Calcutta (Kolkata), India*
ZSM: Zoologische Staatssammlung München, Munich, Germany

Some placenames contain redundant elements. One type of redundancy is illustrated by “Eritrea, Red Sea,” Eritrea’s only coast being on the Red Sea: this convention preserves information through changes in country boundaries. Another type of redundancy is for a place that has been referred to by more than one name; the locality “Chile, Juan Fernandez Islands, Masatierra [Robinson Crusoe Island]” provides alternative names for a single place, whereas “Japan, Kyushu [Kyûsyû] [Kin Shin] [Kiu Shiu], Nagasaki Prefecture, Goto [Goto] Islands” accommodates alternative transliterations.

For specimens taken on expeditions, expedition name (and station number, if provided) is specified parenthetically at the end of the geographic locality; alternative names encountered in the literature for an expedition are part of the entry (e.g. United States Exploring Expedition ["Wilkes Expedition"]).

In the sections on family, genus, and species groups for each order, information is organized alphabetically by taxon name (the species epithet for species group names), in contrast with the arrangement of previous anemone catalogs. Alphabetization makes finding a name straight-forward for non-specialists and specialists alike, especially in light of the current flux in phylogenetic ideas about anemone systematics (e.g. Daly *et al.*, 2007 [Ref. 6246]; Rodríguez *et al.* 2012 [Ref. 6248], 2014 [Ref. 6244]). All names that have been made available in each rank-group for each order are included (as are some unavailable ones), regardless of whether they are recognized as valid, and membership in families and genera (most as of 2010) are listed. This book does not define taxa, unlike Andres (1883) [Ref. 6170], who defined every taxon, or Stephenson (1920, 1921, 1922) [Refs. 449, 450, 451, respectively] and Carlgren (1949) [Ref. 31], who defined families and genera. Nor does it contain keys, as Carlgren (1949) did. However, it does provide bibliographic information for many of the sources of information (largely the primary literature) on features important to identifying the animals.

For each name, the bibliographic reference to the publication in which the name was made available is provided; some species treatments include preceding publications containing the name when it was unavailable. The reference section is organized alphabetically by author, chronologically within author, and alphabetically by title within year (a more precise date of publication is included for some). Each reference also bears a number ["Ref."]; thus, multiple references by an author in a year are distinguished by the reference number. A citation bears this number as well, but only at first mention in a paragraph or taxon treatment unless opportunity for confusion exists. Cited in this book are some works not considered by the Code to be publications for the purposes of nomenclature (Code Chapter 3), such as doctoral dissertations. No nomenclatural decisions rest on them; they are included because some suggestions in them may be useful to readers. As for previous catalogs, this book contains taxonomic as well as nomenclatural information. Taxonomic information is based on subjective opinion of working biologists, whereas nomenclatural information is objectively verifiable and unchanging (except by action of the International Commission on Zoological Nomenclature, hereafter referred to as the “Commission”). A small number of taxonomic opinions and some nomenclatural data are published for the first time; details of both are provided below.

Each family-group name, genus-group name, and original combination for species-group names has an entry. A species-group name currently considered valid in combination with a genus name other than the one in which it

was originally described also has an entry. A name currently considered valid (at least in 2010, based typically, but not always, on preponderance of usage) is rendered in **boldface**. Thus, the name of a valid species is rendered in boldface only in the combination currently considered valid. A genus-species combination lacking an entry is listed among the synonyms of species currently considered valid, which reduces redundancy and maximizes utility; a small number of well-known combinations that are neither the original nor the valid name have entries. A genus is considered not valid when it contains no valid species or when its type species has been moved to another genus; a family is considered not valid when it contains no valid genera. A valid name is not provided for genera or families not considered valid because tracing precise synonyms at those ranks can be difficult; they are most effectively traced through the species that have been considered to belong to them.

This book contains for Corallimorpharia seven family names (four considered valid [57%]), 20 generic names (10 considered valid [50%] and one unavailable), and 65 species names (46 considered valid [70%]). It contains for Actiniaria 86 family names (50 considered valid [58%] and three unavailable), 447 generic names (264 considered valid [59%] and two unavailable), and 1427 species names (1101 considered valid [77%] and nine unavailable). Molecular phylogenetic analyses are changing assignment of genera to families and species to genera (e.g. Rodríguez *et al.*, 2014 [Ref. 6244], and references therein). Therefore, some families recognized as valid may no longer be; however, the basics of nomenclature remain unchanged in face of such alterations. Molecular characters are likely to cast light on relationships of the 32 genera not assigned to families and thus considered *incertae sedis*.

The number of species considered valid is likely an overestimate: an available name is considered valid if no evidence has been published that the name of the species to which it refers is a junior synonym. Some such names have not been recorded since their original publication except in catalogs. Such scant mention does not, however, mean the name does not refer to a real entity. Many such names are in the genus *Actinia* because that was the genus in which all sea anemones were originally described [except for the three species Linnaeus placed in *Priapus* in 1758; he created *Actinia* in 1767, and subsequently sea anemones were put in that genus: see Opinion 1295 of the Commission (Bulletin of Zoological Nomenclature 42:34-36; April 1985)].

The number of species of Actiniaria is increasing, although not rapidly. New species are constantly being described, but synonymies are frequently published. Andres (1883) [Ref. 6170] included about 391 species of Actiniaria (uncertainty is due to species that have been assigned to more than one order during their history) and Carlgren (1949) (Ref. 31) 803 species (plus two in Ptychodactiaria). Fautin *et al.* (2013) [Ref. 6245] calculated that about 70% of sea anemone species have been described. Names of doubtful application were listed by Andres (1883) [Ref. 6170] as *species dubia* or *delendae*, by Stephenson (1935) [Ref. 505] as “Species of uncertain status,” and by Williams (1981) [Ref. 491] as *nomina dubia*. These are taxonomic opinions, not affecting availability of the name. Such uncertainty can change through time, as illustrated by *Anthopleura elegantissima*, considered by Andres (1883) among *species delendae*. No type specimens are known for the species, but in the past half century or so, it has been circumscribed so its identity is not in doubt: it is an organism recognized in the field (e.g. Pearse & Francis, 2000) [Ref. 810] and widely used in experiments (e.g. Weis & Reynolds, 1999 [Ref. 6249]; Muller-Parker *et al.*, 2007 [Ref. 5732]).

As of late 2013, 236 people had described species of Actiniaria; 101 described only a single species, 133 described 2-100 species, and two described more than 100, the average being just over 7. The most prolific of anemone taxonomists, Oscar Carlgren, described 298 species (253 of which are currently considered valid); he is honored with two genera (*Carlgrenia* and *Carlgreniella*) and 10 species, of which two have been synonymized with other species, one has been moved to another genus, and seven remain in the combination in which they were described. A. E. Verrill, who described 101 species, has been honored with the genus *Verrillactis* and four species (one of which has been moved to a genus other than the one in which it was described). The number of species described in a decade peaked in the 1930s, with nearly 170 (Fig. 1); during this time both Carlgren and Ferdinand Pax were actively publishing. The decade with the fewest anemone species described since the early 1800s was the 1970s (Fig. 1), when the number of animal species being described overall turned sharply upward (Tancoigne & Dubois, 2013 [Ref. 6251]). Changes in how taxonomy is practiced are reflected in the number of anemone species described and the number of authors per publication in five decades when the number of species described was around 45 (43-48) (Fig. 2). Although the trend is not uniform, there has been a general decline in the number of species described in a publication and an increase in the number of authors per publication (which can be calculated as species described per author—so if two authors describe one species, each author is credited with 0.5 species).

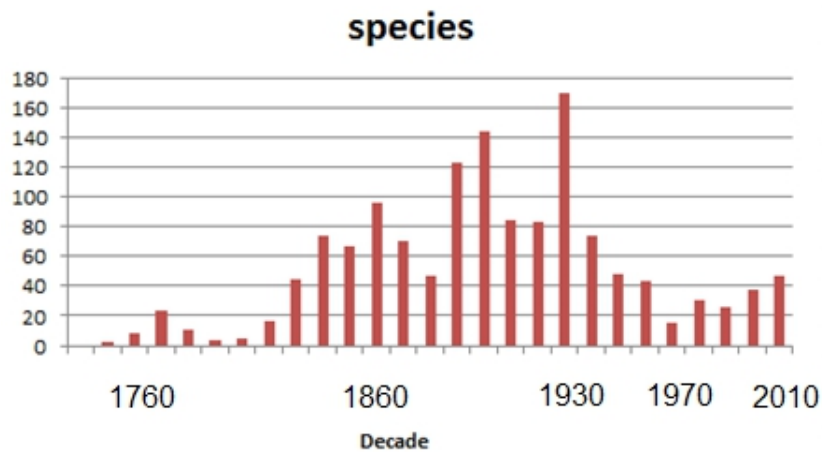


FIGURE 1. Number of species of Actiniaria described through time. Each bar of histogram shows number described in that decade, ending with 2001–2010, except the first bar is for only four years (1757–1760).

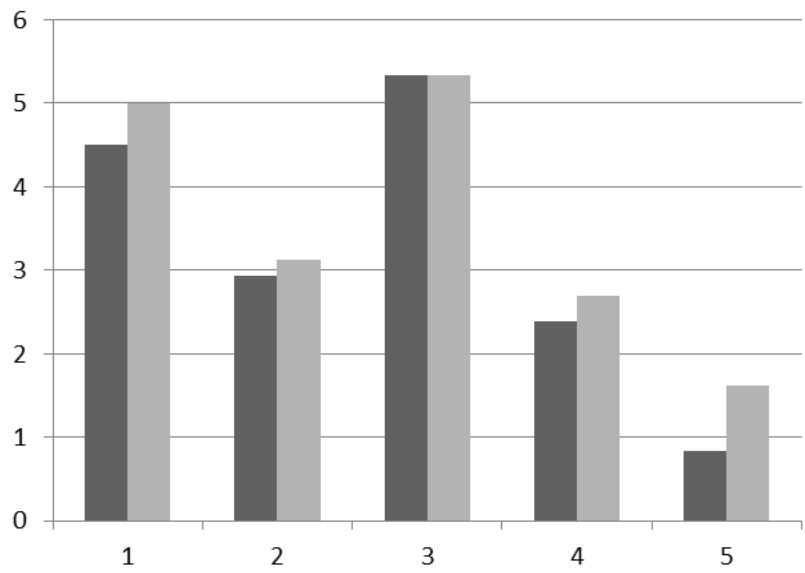


FIGURE 2. Number of species/author (dark bars) and number of species per publication (light bars) for the decades ending in 1830 (1), 1880 (2), 1950 (3), 1960 (4), and 2010 (5).

PRINCIPLES APPLYING TO ALL TAXONOMIC RANKS

The type concept is used throughout. The introduction to Article 61 of the Code defines the Principle of Typification: “Each nominal taxon in the family, genus or species group has actually or potentially a name-bearing type. The fixation of the name-bearing type of a nominal taxon provides the objective standard of reference for the application of the name it bears.” Thus for each family, the type genus is listed; for each genus, the type species is listed (one has not been designated for a few genera) and if the genus is the type of a family, that is noted; likewise, for each species, type specimens are listed (more about this below), and if the species is the type of a genus, that is noted. Previous catalogs and other publications have included some type information, particularly concerning type species of genera; that information, whether correct or not, is noted (a few entries in the list published by Fautin *et al.*, 2007 [Ref. 5913], have been discovered to be in error). Data on type specimens for each species for which they are available are based on literature and information I gathered in examining museum collections; they include localities from which holotypes, syntypes, and paratypes were taken—by definition (Code Article 76.1), the type locality is where the holotype or lectotype was collected, or where the syntypes were collected (paratypes have no name-bearing function: Code Article 72.1.3). Although depth is typically an important component of locality for

marine animals, it is not consistently provided in the anemone literature, so all localities are given in only two dimensions. For species with syntypes, I did not select one specimen from among them to serve as the lectotype, mainly because of provisions and recommendations of Code Article 74—“The designation of lectotypes should be done as part of a revisionary or other taxonomic work to enhance the stability of nomenclature, and not for mere curatorial convenience” (Recommendation 74G) and “a lectotype designation made after 1999 must ... contain information sufficient to ensure recognition of the specimen designated” (Article 74.7.2).

The Principle of Coordination is applied in recognizing, for example, the names *Actinia striata* Risso, 1826, *Actinia striata* Quoy and Gaimard, 1833, and *Actinia equina striata* Rizzi, 1907, as homonyms (homonyms are defined in Code Article 53). Code Article 36 states that “a name established for a taxon at any rank in the family group is deemed to have been simultaneously established for nominal taxa at all other ranks in the family group,” and likewise for names in the genus group (Code Article 43) and species group (Code Article 46). Names originally created for sub- and super- categories that are now raised or lowered, respectively, are rendered as they were first created.

The importance of date of publication of a name (or any other nomenclatural act) is explained by the Principle of Priority (Code Article 23). “The valid name of a taxon is the oldest available name applied to it, unless that name has been invalidated or another name is given precedence by any provision of the Code or by any ruling of the Commission” (Code Article 23.1). Dates are determined in accordance with Code Article 21. Publication conventions were not standard at the outset of modern taxonomy, so there may be uncertainty about dates and editions of some of the earliest literature. Particularly in the 19th century, alternative versions of some important works in sea anemone taxonomy were issued with identical or nearly identical format and/or content. For example, the catalog by Andres was published twice in 1883 [Refs. 144 and 6170] and once in 1884 [Ref. 1242] (Williams, 2012 [Ref. 6221]), which can cause inconsistency in the date associated with a name. Some publications in which a taxon was described were not issued in the year that appears on it. For example, the publication sometimes cited as Hand, 1954 [Ref. 370], was published on 7 January 1955, according to public information, so is correctly Hand, 1955. In such an instance, the alternative date (judged to be the incorrect one) is provided in parentheses following the correct date (*per* Code Recommendation 22A.2.3). Inconsistency can also be within a year, as illustrated by the anemones taken by the ship *Challenger* and identified by Hertwig. I was informed that the Challenger Society expected accounts to be published first in the *Challenger* “Results” series. However, there is evidence that the German-language stand-alone account of the *Challenger* actinarians and corallimorpharians was published early in 1882, some months prior to being issued in the *Challenger* “Results” series (Hertwig presumably wrote in German). Thus, both are dated 1882, but I attribute new taxa to the German-language version [Ref. 379], not the English-language version in the *Challenger* “Results” series [Ref. 380].

Williams (1981) [Ref. 488] has asserted that the book by Gosse [Ref. 356] bearing the date 1860 was issued in installments beginning in 1858, and was actually published, as a book, in 1859. The individual installments are rare, and the book as a whole is generally referenced by the date imprinted on its title page; I attribute new taxa and records published in the book to Gosse (1860) [Ref. 356]. Opinion 1269 of the Commission (Bulletin of Zoological Nomenclature 41[1]:19–21; March 1984) credited authorship of family Metridiidae to Carlgren, 1893, on the List of Family-Group Names in Zoology, despite a comment from Williams (1981) [Ref. 488] that the name Metridiidae originated with Gosse (1858) [Ref. 357] in an installment that was not ultimately bound into the book.

Code Article 23.3.5 specifies conditions under which a new replacement name is to be created: “if a name in use for a taxon is found to be unavailable or invalid it must be replaced by the next oldest available name from among its synonyms, including the names of the contained taxa of the same group (e.g. subgenera within genera), providing that that name is not itself invalid. If the rejected name has no potentially valid synonym a new substitute name (see Article 60.3) must be established in its place.” Code Article 60.3 defines the attributes of a replacement—or substitute—name: “If the rejected junior homonym has no known available and potentially valid synonym it must be replaced by a new substitute name, with its own author and date; this name will then compete for priority with any synonym recognized later.” I create substitute names for junior homonyms (both genera and species).

Annotations of names are as defined in the Code. For example, a *nomen nudum*, literally a naked name, is unavailable because its publication did not conform to the Code; in some cases, the name was later made available for the same concept, taking “authorship and date (Code Articles 21, 50) from that act of establishment, not from any earlier publication as a *nomen nudum*” (Code glossary). The term [*sic*] follows what may be 1) a misspelling,

or 2) an error by copyist or printer, or 3) what the Code refers to as a *lapsus calami*. Most—but not all—misspellings (according to Code Articles 33.3 and 33.4) are noted in synonymy lists. Those not indicated by [*sic*] include use of diacritical marks and joined letters unless they deviate from the original spelling, and gender disagreement (not all instances are noted for names not currently considered valid). Presumably a printer erred by inserted an “n” upside down in *Peachia Koreni*, resulting in “*Peachia Koreui* Mc Murrich.” (see Carlgren, 1896: 175 [Ref. 735]). A type of *lapsus* is illustrated by *Bolocera multiformum* in Duerden, 1902 [Ref. 696] (p. 306): *B. multiporum* was intended. I do not distinguish (because in most cases I cannot) between what may be an error of the printer and of an author.

Except for published misspellings and spelling of species as specified above, names in this book are rendered correctly according to the Code. Thus, *Bunodosoma kükenthali* is indexed as *Bunodosoma kuekenthali*. Exceptions are names involving numerals (e.g. *Isactinernus 4-lobatus*) and names that are correctly rendered differently than they were originally (e.g. *Sagartia sancti matthæi*, correctly *Actinothoe sanmatiensis*) or that are synonymous with names for which there is no orthographic problem (e.g. *Bunodes tæniatus*, junior subjective synonym of *Bunodosoma granuliferum*). The correct rendering of a few names that have been altered for gender agreement (Code Article 31.2) appear for the first time (e.g. *Botryon tuberculata*, originally published as *Botryon tuberculatus*). A name published for a species of actinarian in the technical literature that is clearly erroneous is not included in this book. It is *Actinuga chondractinia*, published in Verrill (1928: 15) [Ref. 263], which was compiled from notes after Verrill’s death. Authorship of the species is not provided; the entry is annotated “(Subfamily, Chondracxminae)” but no such subfamily, genus, or species is known among Actiniaria (although the genera *Actinauge* and *Chondractinia* do exist).

CONTENT

Families

Entries for family-group names considered valid as of 2010 (**Bathypheiliidae Carlgren, 1932**) and not (Heterodactylidae Verrill, 1869) are illustrated. The line following the name has alternative renderings from the literature cited in this book (of which there may be none; sources are not specified). That is followed by name of the type genus of the family, and other valid genera currently included in the family. Those listed may not be all genera ever placed in the family; and the type genus may be considered valid even if the family is not (as for Heterodactylidae). Comments, if any, are at the end.

Bathypheiliidae Carlgren, 1932 [Ref. 288], p. 262

Alternative rendering: Bathypheiliidae

Type genus: **Bathypheilia Carlgren, 1932** [Ref. 288]

Other valid genera: *Acontiactis* England, 1990; *Daontesia* Carlgren, 1942; *Phelliogeton* Carlgren, 1927

Heterodactylidae Verrill, 1869 [Ref. 458], p. 461

Type genus: **Heterodactyla Hemprich & Ehrenberg in Ehrenberg, 1834** [Ref. 58]

Comment: Originally described as subfamily of family Thalassianthidae.

Genera

The entry for ***Andvakia* Danielssen, 1890**, is shown as an example. On the lines following the genus-group name are: alternative renderings that have appeared in the literature cited in this book, of which there may be none (sources are not specified); gender of the name; type species of the genus, in **boldface** if the combination is currently in use (no type species has been designated for some genera); number of species originally included in the genus (names of the species are specified only if needed for clarity); and a list of currently valid species. The next items—comments and if the taxon is type genus of a family—may be absent. For valid genera, the family to which the genus belongs is the final entry. For a genus not considered valid, a family is assigned only if the genus is the type genus of the family.

***Andvakia* Danielssen, 1890** [Ref. 321], p. 86-92

Alternative renderings: *Andwakia*, *andvakia*

Gender: Feminine

Type species: *Andvakia mirabilis* Danielssen, 1890 [Ref. 321] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Andvakia boninensis* Carlgren, 1943; *Andvakia discipulorum* Daly & Goodwill, 2009; *Andvakia insignis* Carlgren, 1951; *Andvakia isabellae* Carlgren & Hedgpeth, 1952; *Andvakia manoloi* Lauretta, 2013; *Andvakia mirabilis* Danielssen, 1890; *Andvakia parva* Carlgren, 1940; *Andvakia psammomitra* (Bourne, 1918)

Comments: Authorship in agreement with Neave (1939) [Ref. 595] and with Carlgren (1949). Carlgren (1949) spelled the genus *Andwakia*, an incorrect spelling (International Code of Zoological Nomenclature Article 33c).

Type genus of **Andvakiidae** Danielssen, 1890 [Ref. 321]

Species

Most straightforward is an entry for a species considered valid that has no additional nomenclatural role and no synonyms, as illustrated by *Calliactis annulata* Carlgren, 1922. The name is followed by information about the number of specimens from which the species was described. Type specimens, including paratypes and paralectotypes, are listed, along with name of the museum(s) holding them and catalog number(s), if any. The words “*not found*” indicate type specimens have not been located. If the description was based on a single specimen (as in this instance), it is a holotype. The synonymy list includes the bibliographic reference to the description; if only one name has been used for a species (no matter how many times it has appeared) and no published variants of that name exist, that is the list’s only entry. The entry for a name bears no reference number; the reference that is the original source of the name and those of any subsequent name(s) or combination(s) is part of the synonymy list.

***annulata*, *Calliactis* Carlgren, 1922**

Described from x1.

Type specimen: NHMG Anthoz. 927; holotype, Chile, Juan Fernandez Islands, Masatierra [Robinson Crusoe Island]

Synonymy: *Calliactis annulata* Carlgren, 1922 [Ref. 206], p. 146-148 (original description).

The entry for *Paractis vestita* illustrates additional elements. Comments on the line following the original name include whether it is a homonym or a type species (if it is a type species, the name of a genus is in **boldface** if the genus is currently considered valid). If the original combination is not currently considered valid, the synonym considered valid is indicated on the line following the original name or annotations. An entry includes a list of “valid names used” rather than a single “valid name” for a name that has been applied in publication to more than one species; that is, it appears in more than one synonymy list. If the description was unclear about the number of specimens or, as in this case, it was based on multiple specimens that are not distinguished from one another, syntypes are listed. The bibliographic reference to *Paractis vestita* is in its synonymy list, which is that of the name currently considered valid for it, ***Monactis vestita***.

vestita, *Paractis* Gravier, 1918

Type species of ***Monactis*** by original designation.

Valid name: ***Monactis vestita* (Gravier, 1918)**

Described from x14 *ex* two localities.

Type specimens: Musée Océanographique 13 0080; 2 syntypes, 32°28'N, 16°37'30"W (Prince Albert I of Monaco Campagne de 1905: *Princesse-Alice* et l'*Hirondelle* sta. 2044)

Musée Océanographique 13 0022; 11 syntypes (in 2 containers), Atlantic Ocean, North Atlantic Ocean (Prince Albert I of Monaco Campagne de 1895: *Princesse-Alice* et l'*Hirondelle* sta. 749)

Along with the genus and species name in a synonymy list are author and date as given in the reference cited. Some of these are in error; where they are not given (as for *Anthopleura artemisia*), the words “[no author]” follow the scientific name and precede the bibliographic citation to it.

***artemisia*, *Anthopleura* (Pickering in Dana, 1846)**

Synonymy: *Actinia artemisia* Pickering in Dana, 1846 [Ref. 318], p. 149-150 (original description).

Bunodes Artemisia [no author]: Gosse, 1855 [Ref. 95], p. 274.

Cereus artemisia [no author]: Milne Edwards, 1857 [Ref. 508], p. 268.

Evactis artemisia Verrill: Verrill, 1869 [Ref. 458], p. 471.

Cribrina artemisia (Pickering): McMurrich, 1901 [Ref. 389], p. 15, 23–26, 38.

Anthopleura artemisia (Dana): Carlgren, 1952 [Ref. 306], p. 384–385.

Code Recommendation 73F, “Avoidance of assumption of holotype,” advises “an author [to] proceed as though syntypes may exist ... rather than assume a holotype.” In several museums, I found a single type specimen that was considered the holotype, presumably because that museum possessed only the one, but I found other specimens of the same species and status in other museums. Thus, a small number of type specimen entries are annotated to indicate that the status ascribed to a specimen in a museum is incorrect. Conversely, I infer that some specimens are holotypes despite lack of such a statement (e.g. for *Antheopsis concinnata*, Lager, 1911).

However, although the holotype is a single specimen, and actinarians and corallimorpharians do not form colonies (albeit some can reproduce asexually), many holotypes are listed in two or even three museums because they were divided. An example is *Edwardsia incerta* Carlgren, 1921, for which most of the specimen is in the Swedish Natural History Museum, but a microscope slide made from it is in the Museum of Zoology—Lund University (where Carlgren was Professor).

For some species, the number of type specimens I found in a museum disagrees with the number stated in the description. *Discosoma macrodactylum*, for example, is ostensibly based on a “single specimen” (Haddon and Shackleton, 1893: 121), but University Museum of Zoology, Cambridge lot I.33760, for which the data correspond to the description, contains three specimens; I consider them syntypes.

Under the heading “synonymy” are names that are strictly synonyms as well as the first instance of every published orthographic variant of the name (including capitalization). I include alternative renderings because a user of this book may be unaware that a name found in a publication is incorrect, and if it is omitted, it may appear to have been overlooked; including it also allows the user to discover the correct rendering. This inventory resembles a “chresnomy” (Smith and Smith, 1972) [Ref. 6247], although all uses of a name are not included. In addition to out-and-out misspellings (e.g. *Batholomea annulata* for *Bartholomea annulata*) are variants not allowed by the Code (Articles 27, 32) such as words containing diacritic marks (*Cryptodendrum adhäsivum*, correctly *Cryptodendrum adhaesivum*), ligatures (*Sagartia acanellæ*, correctly *Sagartia acanellae*), and digits (*Edwardsia 12-tentaculata*, correctly *Edwardsia duodecementaculata*).

A name is listed in the synonymy list of every species to which it has been applied. The name may be a genuine synonym, a misidentification, or a misapplication. Such ambiguities or uncertainties may occur because of problems identifying or circumscribing a species, or changing use of a name. Reflecting the scholarly record as faithfully as possible involves pointing out uncertainties and inconsistencies in it. In this spirit, it seems prudent to maintain separate lists for different uses of a name. For example, I recognize as valid both *Metridium senile* (Linnaeus, 1761) and *M. dianthus* (Ellis, 1767); the synonymy lists of both include both names, but there are differences in the way the two names have been used.

SUMMARY OF NOMENCLATORIAL FINDINGS

Unavailable names

Actinarian and corallimorpharian names that, when published, failed to meet the provisions of the Code in force at the time were later made available by being published in accordance with the Code, except for the following names. No subsequent use has met the conditions of making them available.

One actinarian species name is unavailable according to Code Article 11.6, which defines as unavailable a name published as a synonym and not treated as an available name prior to 1961: *Actinia guttata*, a manuscript name of Agassiz was quoted by Verrill (1864: 25) [Ref. 455], who stated it was “first thought to be a distinct species ... but afterwards supposed by Prof. Agassiz to be the young of this species [*Cereus sol*] ...” Cutress and Ross, 1969 [Ref. 1458] used this unavailable name in the combination *Sagartiomorphe guttata*; den Hartog, 1997 [Ref. 759] did so as *Verrillactis guttata*.

Four actinarian species names are unavailable according to Code Article 12.1, which stipulates that a name published before 1931 must be accompanied by a description, definition, or indication: *Actinia azurea* and *A. brevitentacula* (presumably a *lapsus* for *A. parvitentacula*), in de Blainville, 1830 [Ref. 94]; *Actinopsis whiteavesi*, in Verrill, 1879 [Ref. 1495]; and *Isoedwardsia mediterranea*, in Carlgren, 1921 [Ref. 196].

One actiniarian genus name is unavailable according to Code Article 12.1: *Actinactis* (a *lapsus* for *Asteractis*), in Verrill, 1900 [Ref. 474].

Two actiniarian species names are unavailable according to Code Article 13.1.1, which stipulates that a name published after 1930 be accompanied by a description or definition that states in words characters purported to differentiate the taxon: *Oulactis plumosa* (presumably a *lapsus* for *O. muscosa*), in Carlgren, 1954 [Ref. 308]; *Paracondylactis sagarensis*, in Parulekar, 1990 [Ref. 6159].

Three actiniarian species names are unavailable according to Code Article 15.1, which defines as unavailable a name proposed conditionally after 1960: *Edwardsia hantuensis*, in England, 1987 [Ref. 63]; *Anthopleura uchidai* and *A. chinensis*, in England, 1992 [Ref. 73].

Three actiniarian species names are unavailable according to Code Article 16.4.2, which stipulates that a repository must be named for the holotype (or syntypes) of a species proposed after 1999: *Halcurias japonicus*, *H. levis*, and *H. macmurrichi* (correctly *H. mcmurrichi*), in Uchida, 2004 [Ref. 5647]. Rodriguez *et al.* (2013) [Ref. 6241] recognized the latter name was wrongly derived, but erroneously stated that conditions for availability of the species had been met by Uchida (2004).

Objective synonyms

According to Code Article 61.3.3, “If two or more nominal genus-group taxa have the same type species, or type species with different names but based on the same name-bearing type, their names are objective synonyms.” Table 1 summarizes genera that share a type species: two triplets of actiniarian genera, 20 pairs of actiniarian genera, and one pair of corallimorpharian genera. In most instances, pairs of genera share a type species because one genus was created as a replacement name for a junior homonym (homonyms are discussed in the next section); a replacement genus has the same type species as the genus the name of which it replaces (Code Article 67.8).

Although *Isoaulactinia* was not created as a replacement name, it operationally replaces *Bunodella* Verrill, 1899, which is a junior homonym. den Hartog (1980) [Ref. 378] designated the type species of *Melactis* as *Actinia vas*, the type species of *Metactis* because whether *Melactis* is a misspelling of *Metactis* is uncertain; by this action, *Melactis* and *Metactis* are objective synonyms. The name **Minyadidae Milne Edwards, 1857** [Ref. 508], for which the type genus is *Minyas* Cuvier, 1817, is unaffected by *Minyas* being a junior synonym (Code Article 40.1).

For 15 of the pairs (14 in order Actiniaria), one of the genera is considered valid (Table 1A); for seven of the pairs of genera and the three genera that share a type species, none contains valid species (Table 1B, 1C). Three genera that are objective junior synonyms continue to be used, contrary to the Code; species in them belong to the senior synonym. The appropriate combinations (considering valid names only) are *Actinodactylus clavigerum*, *Paractis impatiens*, *P. laevis*, *P. subantarctica*, and *Taractostephanus squamosa*; shown on website “Hexacorallians of the World,” they are newly published in hard copy here. If those combinations are found to be taxonomically unjustifiable, new genus names must be created for the species that do not fit in the genera to which they have been transferred if they do not fit in other genera. Likewise, the combination *Urticina coccinea* is newly published in hard copy here; the species has previously been associated in print only with the genus *Tealia*, an objective junior synonym of *Urticina*.

TABLE 1. Objective generic synonyms (genera that share a type species) of Actiniaria and Corallimorpharia (*). More detail for each name found in its entry in full catalog. Genera listed in alphabetical order.

Table 1A. One synonym considered valid

Synonym considered valid	Synonym not considered valid	Type species shared
<i>Actinecta</i> de Blainville, 1830	<i>Minyas</i> Cuvier, 1817	<i>Minyas cyanea</i> Cuvier, 1817
<i>Actinodactylus</i> Duchassaing, 1850	<i>Stauractis</i> Andres, 1883	<i>Actinodactylus boscii</i> Duchassaing, 1850
<i>Antholoba</i> Hertwig, 1882	<i>Actinobopsis</i> Verrill, 1899	<i>Actinia reticulata</i> Couthouy in Dana, 1846
<i>Anthothoe</i> Carlgren, 1938	<i>Parathoe</i> Carlgren, 1928	<i>Cereus stimpsonii</i> Verrill, 1869
<i>Discosoma</i> Rüppell & Leuckart, 1828*	<i>Actinodiscus</i> de Blainville, 1830	<i>Discosoma nummiforme</i> Rüppell & Leuckart, 1828
<i>Exocoelactis</i> Carlgren, 1925	<i>Polysiphonia</i> Hertwig, 1882	<i>Polysiphonia tuberosa</i> Hertwig, 1882

.....continued on the next page

Table 1A. (Continued)

Synonym considered valid	Synonym not considered valid	Type species shared
<i>Hormathia</i> Gosse, 1859	<i>Chondractinia</i> Lütken, 1861	<i>Actinia digitata</i> Müller, 1776
<i>Isactinia</i> Carlgren, 1900	<i>Telactinia</i> England, 1987	<i>Anemonia citrina</i> Haddon & Shackleton, 1893
<i>Isoaulactinia</i> Belém, Herrera Moreno, & Schlenz, 1996	<i>Bunodella</i> Verrill, 1899	<i>Aulactinia stelloides</i> McMurrich, 1889
<i>Metridium</i> de Blainville, 1830	<i>Actinoloba</i> de Blainville, 1830	<i>Actinia dianthus</i> Ellis, 1767
<i>Octineon</i> Moseley in Fowler, 1894	<i>Ammodiscus</i> Carpenter in Carpenter & Jeffreys, 1871	<i>Ammodiscus lindahli</i> Carpenter in Carpenter & Jeffreys, 1871
<i>Paractis</i> Milne Edwards & Haime, 1851	<i>Choriactis</i> McMurrich, 1904	<i>Actinia impatiens</i> Couthouy in Dana, 1846
<i>Pseudactinia</i> Carlgren, 1928	<i>Comactis</i> Milne Edwards, 1857	<i>Actinia flagellifera</i> Drayton in Dana, 1846
<i>Taractostephanus</i> Brandt, 1835	<i>Lepactis</i> Andres, 1883	<i>Actinia squamosa</i> Bruguière, 1789
<i>Urticina</i> Ehrenberg, 1834	<i>Bunodes</i> Gosse, 1855; <i>Tealia</i> Gosse, 1858	<i>Actinia crassicornis</i> Müller, 1776

Table 1B. Neither synonym considered valid

Senior synonym	Junior synonym	Type species shared
<i>Cladactis</i> Verrill, 1869	<i>Eucladactis</i> Verrill, 1899	<i>Cladactis grandis</i> Verrill, 1869
<i>Gephyra</i> Koch, 1878	<i>Gephyropsis</i> Carlgren, 1925	<i>Gephyra dohrnii</i> Koch, 1878
<i>Jancis</i> Stephenson, 1935	<i>Haliplanelle</i> Hand, 1956	<i>Sagartia luciae</i> Verrill, 1898
<i>Metactis</i> Milne Edwards & Haime, 1851	<i>Melactis</i> Milne Edwards & Haime, 1857	<i>Actinia vas</i> Quoy & Gaimard, 1833
<i>Milneedwardsia</i> Carlgren, 1892	<i>Fagesia</i> Delphy, 1938	<i>Milneedwardsia loveni</i> Carlgren, 1892
<i>Phelliopsis</i> Verrill, 1899	<i>Plastophellia</i> Delphy, 1939	<i>Phellia panamensis</i> Verrill, 1869
<i>Stephanactis</i> Hertwig, 1882	<i>Stephanauge</i> Verrill, 1899	<i>Actinia abyssicola</i> Moseley, 1877

Table 1C. None of three synonyms considered valid

<i>Heliactis</i> Thompson, 1858; <i>Scyphia</i> Wright, 1859; <i>Helaria</i> Stechow, 1921	<i>Actinia bellis</i> Ellis & Solander, 1786
--	--

TABLE 2. Generic names of Actiniaria and Corallimorpharia (*) homonymous with names outside those taxa; names currently considered valid in **boldface**. More detail for each name found in its entry in full catalog. Genera listed in alphabetical order.

Table 2A. Actiniarian or corallimorpharian (*) name senior. Therefore, no action needed concerning anemone, but action may be required concerning nomenclature of the junior homonym(s).

Genus name	Junior homonym taxon	Junior homonym author, date
<i>Actinodactylus</i> Duchassaing, 1850	Temnocephala	Haswell, 1893
<i>Actinodiscus</i> de Blainville, 1830*	Echinodermata	Smith & Paul, 1982
<i>Actinopsis</i> Danielssen & Koren, 1856	Echinodermata	Lambert, 1897
<i>Adamsia</i> Forbes, 1840	Mollusca (Gastropoda)	Dunker, 1857
<i>Alicia</i> Johnson, 1861	Arthropoda (Coleoptera)	Thomson, 1864
	Mollusca (Bivalvia)	Angas, 1868
<i>Amphiactis</i> Verrill, 1869	Echinodermata	Matsumoto, 1915
<i>Andresia</i> Stephenson, 1921	Annelida (Polychaeta)	Prenant, 1924
	Arthropoda (Crustacea)	Hinz-Schallreuter, 1993

.....continued on the next page

Table 2A. (Continued)

Genus name	Junior homonym taxon	Junior homonym author, date
<i>Bolocera</i> Gosse, 1860	Arthropoda (Lepidoptera)	Kirby, 1892
<i>Dactylanthus</i> Carlgren, 1911	Echinodermata	Lambert, 1912
<i>Diactis</i> Hutton, 1880	Arthropoda (Myriapoda)	Loomis, 1937
<i>Discosoma</i> Rüppell & Leuckart, 1828*	Arthropoda (Arachnida)	Perty, 1833
	Mollusca	Patel, 1875
	Protista	Swarzewsky, 1928
<i>Dofleinia</i> Wassilieff, 1908	Arthropoda (Crustacea)	McLaughlin & Asakura, 2004
<i>Edwardsia</i> de Quatrefages, 1842	Mollusca (Gastropoda)	Koenen, 1865
	Arthropoda (Lepidoptera)	Neumoegen, 1880
	Arthropoda (Lepidoptera)	Tutt, 1907
<i>Edwardsiella</i> Andres, 1883	Cnidaria (Scleractinia)	Rukhin, 1937 (replacement name created)
	Dinoflagellata	Versteegh & Zevenboom, 1995
<i>Heteractis</i> Milne Edwards & Haime, 1851	Bryozoa	Gabb & Horn, 1862
	Cnidaria (Hydrozoa)	Allman, 1864
	Echinodermata	Lambert, 1897
<i>Lecythia</i> Sars, 1829	Protozoa	Wright, 1861
<i>Polystephanus</i> Brandt, 1835	Mollusca (Cephalopoda)	Buckman, 1922
<i>Ramirezia</i> Zamponi, 1980	Arthropoda (Coleoptera)	Molino-Olmedo, 2001
<i>Thoe</i> Wright, 1859	Arthropoda (Crustacea)	Bell, 1836 (genus spelled <i>Thoë</i>)
<i>Triactis</i> Klunzinger, 1877	Protista	Haeckel, 1882
<i>Tristephanus</i> Brandt, 1835	Arthropoda (Diptera)	Kieffer, 1913

Table 2B. Actiniarian or corallimorpharian (*) generic name junior. If more than one name senior to anemone name, only most senior listed. Homonymies resolved in this work indicated. Genera listed in alphabetical order.

Genus name	Senior homonym taxon	Sr. homonym author, date	Resolution
ANEMONE NAME REPLACED			
<i>Ammodiscus</i> Carpenter <i>in</i> Carpenter & Jeffreys, 1871	Protista	Reuss, 1862	Replaced by <i>Octineon</i> Moseley <i>in</i> Fowler, 1894
<i>Bunodella</i> Verrill, 1899	Xiphosura	Matthew, 1889	Objective synonym of <i>Isoaulactinia</i> Belém, Herrera Moreno, & Schlenz, 1996
<i>Bunodes</i> Gosse, 1855	Xiphosura	Eichwald, 1854	Objective synonym of <i>Urticina</i> Ehrenberg, 1834
<i>Cladactis</i> Verrill, 1869	Echinodermata	Rafinesque, 1815	Replaced by <i>Eucladactis</i> Verrill, 1899
<i>Gephyra</i> Koch, 1878	Arthropoda (Lepidoptera)	Walker, 1859	Replaced by <i>Gephyropsis</i> Carlgren, 1925
<i>Heliactis</i> Thompson, 1858	Aves	Lesson, 1837	Replaced by <i>Helaria</i> Stechow, 1921
<i>Macroductyla</i> Haddon, 1898	Arthropoda (Coleoptera)	Harris <i>in</i> Hitchcock, 1833	Returned to <i>Condylactis</i> Duchassaing & Michelotti, 1864
<i>Milneedwardsia</i> Carlgren, 1892	Mollusca	Bourguignat, 1877	Replaced by <i>Fagesia</i> Delphy, 1938 (itself a junior homonym)
<i>Minyas</i> Cuvier, 1817	Arthropoda (Lepidoptera)	Savigny, 1816	Replaced by <i>Actinecta</i> de Blainville, 1830
<i>Parathoe</i> Carlgren, 1928	Arthropoda (Crustacea)	Miers, 1879	Replaced by <i>Anthothoe</i> Carlgren, 1938
<i>Polysiphonia</i> Hertwig, 1882	Porifera	Pomel, 1872	Replaced by <i>Exocoelactis</i> Carlgren, 1925

.....continued on the next page

Table 2B. (Continued)

Genus name	Senior homonym taxon	Sr. homonym author, date	Resolution
ALL SPECIES MOVED, FOLLOWING TYPE SPECIES			
<i>Gyrostoma</i> Kwietnewski, 1897	Arthropoda (Hymenoptera)	Kirby & Spence, 1828	To <i>Entacmaea</i> Ehrenberg, 1834
NO ACTION TAKEN OR REQUIRED			
<i>Aegon</i> Gosse, 1865	Arthropoda (Crustacea)	Kinahan, 1862	None—no valid species
<i>Bunodella</i> Pfeffer, 1889	Xiphosura	Matthew, 1889	None—no valid species; if Matthew genus not senior, action may be needed
<i>Cladactis</i> Panceri, 1868	Echinodermata	Rafinesque, 1815	None—no valid species
<i>Diphthera</i> Sluiter, 1888	Arthropoda (Lepidoptera)	Ochsenheimer, 1816	None—no valid species
<i>Fagesia</i> Delphy, 1939	Mollusca (Cephalopoda)	Pervinquière, 1907	None—no valid species
<i>Korenia</i> Danielssen, 1890	Mollusca	Friele, 1877	None—no valid species
ANEMONE NAME REPLACED IN THIS WORK			
<i>Charisella</i> Carlgren, 1950	Fish	Fowler, 1939	<i>Cadetactis</i> new genus
<i>Cricophorus</i> Carlgren, 1924	Mollusca (Gastropoda)	Kobelt & Moellendorff, 1897	<i>Handactis</i> new genus
<i>Macrocnema</i> Carlgren, 1928	Arthropoda (Coleoptera)	Stephens, 1831	<i>Riactis</i> new genus
<i>Sicyopus</i> Gravier, 1918	Vertebrata (Pisces)	Gill, 1864	<i>Englandactis</i> new genus
<i>Tetractis</i> Andres, 1883	Echinodermata	Schultze, 1759	<i>Robsonactis</i> new genus
<i>Tilesia</i> Andres, 1883	Bryozoa	Lamouroux, 1821	<i>Williamsactis</i> new genus

Homonyms

Code Article 60.1, entitled “Substitute names,” is essentially a restatement of Article 23.3.5 for instances of homonymy: it stipulates replacement “by an available and potentially valid synonym” or “by a new substitute name.” A third option—not explicit in the Article—is appeal to the Commission under its Plenary power (Code Article 81) to retain the junior homonym.

Of family names, only **Metridiidae** had been a homonym. The appeal of Dunn & Hulsemann (1979) [Ref. 338] was affirmed in Opinion 1269 of the Commission (Bulletin of Zoological Nomenclature 41[1]:19-21; March 1984), leaving the actinarian family as **Metridiidae** and rendering the copepod family name (based on *Metridia*) as Metriadidae.

Names of anemone genera that are homonyms of names of genera outside Actinaria and Corallimorpharia are listed in Table 2. As discussed in the entry for that genus, *Mena* Stephenson, 1920, has been interpreted as a homonym of a fish name, but Eschmeyer (1998) [Ref. 6253] did not list it among fish genera. The 22 anemone names in Table 2A are senior to the names for other taxa; therefore, these are not problems for anemone nomenclature but they may require resolution for the other taxa. The 24 anemone generic names in Table 2B are junior, but no action is needed for 18 of them: in 11 instances, the anemone name has an objective synonym (in most cases a name created explicitly as a replacement name); in one instance (*Macroductyla*), species were returned to the genus in which both had been placed (*Condylactis*); in the other six instances, the anemone genus now contains no species. Six actinarian generic names that are junior homonyms have been treated as valid; because no genus in which the member species have been placed can accommodate them, the generic names must be replaced; the type species of each new genus is that of the genus for which the name is being replaced (Code Article 67.8). All genera are feminine in gender, being composed of the name of a person important to knowledge of anemones followed by the stem “actis,” which is based on the Latin word for “ray” and is part of many anemone names. The name *Cadetactis* replaces *Charisella* Carlgren, 1950, and the name *Handactis* replaces *Cricophorus* Carlgren, 1924: both honor Cadet Hand (1920-2006), author and coauthor of many publications concerning cnidarians and mentor of many students (including me) who studied them; he established the Bodega Marine Laboratory (University of California) and directed it for the first 25 years of its existence. The name *Riactis* replaces *Macrocnema* Carlgren, 1928; it honors Ria Tan, founder of the organization WildSingapore, and who is unceasingly active in documenting the biota of Singapore and promoting the importance and biodiversity to citizens of Singapore and to visitors to that island nation. The name *Englandactis* replaces *Sicyopus* Gravier, 1918;

it honors Kenneth W. England (d. 1991) who, as a member of the British military, inventoried anemones in Indo-Pacific sites to which he was posted. The name *Robsonactis* replaces *Tetractis* Andres, 1883; it honors Elaine Robson who received her Ph.D. under C. F. A. Pantin at Cambridge and taught at the University of Reading for many years, guiding students including K. W. England. The name *Williamsactis* replaces *Tilesia* Andres, 1883; it honors Ray B. Williams, antiquarian and student of anemones.

The five generic names that are homonymous within Actiniaria (there are none in Corallimorpharia) are listed in Table 3. Replacement names have been created for four of the five; two of them are currently considered valid. The fifth homonymous name is *Paraphellia*. The only other generic name ever used for any of the four species currently considered valid in the junior homonym, *Paraphellia* Haddon, 1889, is *Chitonactis* Fischer, 1874. The type species by monotypy of *Paraphellia* Haddon, 1889 is *Chitonactis expansa* Haddon, 1886, a junior subjective synonym of *Bunodes coronata* Gosse, 1858, which is currently placed in *Hormathia*. Therefore, *Paraphellia* Haddon, 1889, has no potentially valid synonym (Code Article 60.1); I propose *Haddonactis* as a replacement name for it. The resulting new combinations are *Haddonactis expansa*, *H. hunti*, *H. lineata*, and *H. sanzoi*. The name *Haddonactis* is feminine; it honors Alfred C. Haddon (1855-1940), who, while studying anemones in the Torres Straits, developed an interest in indigenous humans, and thereafter concentrated on anthropology.

TABLE 3. Homonymous generic names in Actiniaria. More detail for each name found in its entry in full catalog. Genera listed in alphabetical order.

Genus name	Senior author, date	Junior author, date	Resolution
<i>Bunodella</i>	Pfeffer (1889)	Verrill (1899)	Senior homonym may be junior homonym of xiphosuran (precise dates uncertain); junior homonym replaced by <i>Isoaulactinia</i> Belém, Herrera Moreno, & Schlenz, 1996 (Table 2B)
<i>Cladactis</i>	Panceri (1868)	Verrill (1869)	Senior homonym junior homonym of echinoderm; junior homonym replaced by <i>Eucladactis</i> Verrill, 1899
<i>Paraphellia</i>	Verrill (1868)	Haddon (1889)	Only junior homonym with valid species; replacement name <i>Haddonactis</i> herein proposed for it.
<i>Phelliopsis</i>	Fischer (1887)	Verrill (1899)	Junior homonym replaced by <i>Plastophellia</i> Delphy, 1939
<i>Stephanactis</i>	Verrill (1869)	Hertwig (1882)	Junior homonym replaced by <i>Stephanauge</i> Verrill, 1899

Two other generic names that have been cited as homonyms are not. Edwards *et al.* (1996) [Ref. 1344] listed as homonyms *Tricnidactis de Olivera Pires, 1987* [Ref. 527], and *Tricnidactis* de Olivera Pires, 1988, but the two refer to the same taxon. Neave (1939) [Ref. 594] regarded "*Kalliphobe* Metschnikoff [non Busch] 1871" and "*Kalliphobe* Busch 1851" as homonyms; Andres (1883: 568) [Ref. 6170], who rendered the name "*Calliphobe*," regarded them as synonyms. Determining whether they refer to a single genus is unlikely to be possible because both accounts are of larvae; thus Andres' position seems prudent.

Species-level primary homonymies are listed in Table 4; 22 are pairs of names and three are triplets. All triplets and 16 of the pairs are in *Actinia*, to which all actiniarians were initially assigned (discussed above), enhancing the odds of homonyms being created. Fifteen of the homonymous pairs (Table 4A), including the one in Corallimorpharia, have been resolved, four by creation of replacement names (Code Article 60) for the junior homonym, seven by the junior homonym being considered a junior synonym, three by the junior homonym being moved to another genus, and one by partly being considered a junior synonym and partly by being moved to another genus. For six of the remaining seven pairs (Table 4B), the senior homonym has been moved to another genus (all prior to 1900), and the junior homonym is currently used; for the seventh, *Actinia hyalina*, the junior homonym is the senior synonym of names applied to the species *Sagartiogeton laceratus* (Dalyell, 1848). For the triplets, the most junior of the homonyms is currently used in two cases and the middle one is used in two cases (the name *Actinia striata* is considered valid for two species). According to Code Article 57.2, a junior primary homonym is "permanently invalid" except under three conditions, none of which obtains in these cases, or if Code Article 23.9.5 applies: "When an author discovers that a species-group name in use is a junior primary homonym [Art. 53.3] of another species-group name also in use, but the names apply to taxa not considered congeneric after 1899, the author must not automatically replace the junior homonym; the case should be referred to the Commission for a ruling under the plenary power and meanwhile prevailing usage of both names is to be maintained [Art. 82]."

TABLE 4. Species names of Actiniaria and Corallimorpharia (*) primary homonyms. More detail for each name found in its entry in full catalog. Species listed in alphabetical order.

Table 4A. No action needed.

Name	Senior author, date	Junior author, date	Current status
<i>Corynactis albida</i> *	Agassiz, 1859	Stuckey, 1909	Both homonyms junior synonyms
<i>Actinia aurantiaca</i>	Delle Chiaje, 1822	Jordan, 1855	Senior homonym in <i>Condylactis Duchassaing & Michelotti, 1864</i> ; junior homonym junior synonym
<i>Actinia aurora</i>	Quoy & Gaimard, 1833	Gosse, 1854	Senior homonym in <i>Heteractis Milne Edwards & Haime, 1851</i> ; junior homonym junior synonym
<i>Actinia bicolor</i>	Le Sueur, 1817	Lesson, 1830	Both homonyms junior synonyms
<i>Actinia candida</i>	Müller, 1776	Gosse, 1853	Senior homonym valid; junior homonym replaced by <i>Sagartia sphyrodeta</i> Gosse, 1858
<i>Actinia clavata</i>	Ilmoni, 1830	Rathke, 1843	Senior homonym junior synonym; junior homonym in <i>Edwardsia de Quatrefages, 1842</i>
<i>Edwardsia elegans</i>	Verrill, 1869	Farquhar, 1898	Senior homonym valid; junior homonym replaced by <i>Edwardsia tricolor</i> Stuckey, 1909
<i>Actinia helianthus</i>	Ellis, 1767	Hemprich in Hemprich & Ehrenberg, 1834	Senior homonym in <i>Stichodactyla Brandt, 1835</i> ; junior homonym in part junior synonym, in part in <i>Gyrostoma Kwietniewski, 1897</i>
<i>Actinia nivea</i>	Lesson, 1830	Gosse, 1853	Senior homonym in <i>Paranthus Andres, 1883</i> ; junior homonym replaced by <i>Sagartia gossei</i> Verrill, 1869
<i>Actinia olivacea</i>	Le Sueur, 1817	Hemprich in Hemprich & Ehrenberg, 1834	Senior homonym in <i>Actinecta de Blainville, 1830</i> ; junior homonym in <i>Anthothoe Carlgren, 1938</i>
<i>Actinia ornata</i>	Holdsworth, 1855	Wright, 1856	Both homonyms junior synonyms
<i>Edwardsia pallida</i>	Verrill, 1880	Carlgren, 1893 (<i>Edwardsia clavata pallida</i>)	Senior homonym in <i>Drillactis Verrill, 1922</i> ; junior homonym replaced by <i>Edwardsia carlgreni Williams, 1981</i>
<i>Actinia papillosa</i>	Lesson, 1830	Ehrenberg, 1834	Senior homonym in <i>Phymactis; Milne Edwards, 1857</i> ; junior homonym junior synonym
<i>Actinia picta</i>	Risso, 1826	Lesson, 1830	Senior homonym junior synonym; junior homonym in <i>Anactis</i> (order Ceriantharia)
<i>Actinia rosea</i>	Risso, 1826	Gosse, 1853	Senior homonym valid; junior homonym junior synonym

Table 4B. Appeal to ICZN needed to recognize junior homonym.

Name	Senior author, date	Junior author, date	Current status
<i>Actinia annulata</i>	Le Sueur, 1817	Gay, 1854	Senior homonym in <i>Bartholomea Duchassaing & Michelotti, 1864</i> ; Gay name valid
<i>Phellia arctica</i>	Verrill, 1868	Danielssen, 1890	Senior homonym in <i>Epiactis Verrill, 1869</i> ; Danielssen name valid
<i>Halcampa capensis</i>	Verrill, 1865 (as <i>Halocampa</i>)	Carlgren, 1938	Senior homonym in <i>Haloclava Verrill, 1899</i> ; Carlgren name valid
<i>Actinia gracilis</i>	Quoy & Gaimard, 1833	Hemprich in Hemprich & Ehrenberg, 1834	Senior homonym in <i>Anemonia Risso, 1826</i> ; Hemprich name valid
<i>Actinia hyalina</i>	Le Sueur, 1817	Delle Chiaje, 1822	Senior homonym in <i>Ragactis Andres, 1883</i> ; junior homonym partly in <i>Aiptasiogeton Schmidt, 1972</i> , partly senior synonym for <i>Sagartiogeton laceratus (Dalyell, 1848)</i>
<i>Actinia nigropunctata</i>	Stimpson, 1856	den Hartog & Ocaña, 2003	Senior homonym in <i>Actinothoe</i> ; den Hartog & Ocaña name valid
<i>Actinia rufa</i>	Müller, 1776	Risso, 1826	Senior homonym junior synonym; Risso name valid

.....continued on the next page

Table 4B. (Continued)

Name	Senior author, date	Junior author, date	Current status
THREE NAMES HOMONYMOUS			
<i>Actinia alba</i>	Forsskål, 1775 (as <i>Priapus albus</i>); Risso, 1826; Cocks in Johnston, 1847		Risso name valid
<i>Actinia pellucida</i>	Hollard, 1848; Cocks, 1851 (for <i>Actinea pelucida</i> —deemed identical <i>per</i> Code Article 58); Alder, 1858		Hollard homonym replaced by <i>Adamsia fischeri</i> Andres, 1883; Alder homonym replaced by <i>Thoe pura</i> Wright, 1859
<i>Actinia striata</i>	Risso, 1826; Quoy & Gaimard, 1833; Rizzi, 1907 in <i>A. equina striata</i>		Senior homonym in <i>Paractinia</i> Andres, 1883 ; Quoy & Gaimard and Rizzi homonyms valid

Twelve species-level secondary homonymies are listed in Table 5. In 10 instances, the homonymy has been resolved by the secondary homonym being replaced (four instances), being returned to its original genus (two instances), being considered a synonym (three instances), or being moved to another genus (one instance). The instance of *Halcampa kerguelensis* remains confusing. *Halcampa kerguelensis* Hertwig, 1888 [Ref. 382], *Halcampoides kerguelensis* Pax, 1922 [Ref. 413], and *Edwardsia kerguelensis* Studer, 1878 [Ref. 262], are original combinations. Stephenson (1922) [Ref. 451] assigned the species Hertwig described to *Halcampoides*, thereby creating a homonym, *Halcampoides kerguelensis* [*Halcampoides kerguelensis* Pax, 1922, and *Halcampoides kerguelensis* (Hertwig, 1888)]. Pax (1926) [Ref. 404] created the species *Halcampoides stephensoni* for the species he had termed *Halcampoides kerguelensis* in 1922 and in early pages of his 1926 publication [Ref. 404]. Stephenson (1922) listed under *Halcampa* “H.kerguelensis Studer, 1878, p. 546,” that is, the species Studer had described as *Edwardsia kerguelensis*. He did not thereby create another homonym, however, because he had removed *Halcampa kerguelensis* Hertwig, 1888, from that genus; only if it were found actually to belong to *Halcampa* would there be homonymy [with *Halcampa kerguelensis* (Studer, 1878)].

TABLE 5. Species names of Actiniaria and Corallimorpharia (*) secondary homonyms. More detail for each name found in its entry in full catalog. Species listed in alphabetical order.

Name	Senior author, date	Junior author, date/source of homonymy	Resolution
NO ACTION NEEDED			
<i>Sagartia abyssicola</i>	Verrill, 1882	Koren & Danielssen, 1877 / Verrill, 1885	<i>Sagartiogeton verrilli</i> Carlgren, 1942 , replaced junior homonym
<i>Edwardsia clavata</i>	Stimpson, 1856	Rathke, 1843 / Danielssen, 1861	Senior homonym valid; junior homonym in <i>Telmatactis Gravier, 1916</i>
<i>Phellia clavata</i>	Stimpson, 1856, created by Verrill, 1865	Duchassaing & Michelotti, 1860 / Duerden, 1897	<i>Phellia americana</i> Verrill, 1868, replaced junior homonym
<i>Actinia depressa</i>	Rapp, 1829	Duchassaing & Michelotti, 1860 / Andres, 1883	Junior homonym returned to original genus
<i>Halcampa kerguelensis</i>	Hertwig, 1888	Studer, 1879 / Stephenson, 1922	Both homonyms junior synonyms
<i>Halcampoides kerguelensis</i>	Pax, 1922	Hertwig, 1888 / Stephenson, 1922	<i>Halcampoides stephensoni</i> Pax, 1926, replaced <i>H. kerguelensis</i> (Studer, 1879), which was moved from <i>Halcampa</i> by Stephenson (1922)
<i>Actinia maculata</i>	Bruguère, 1789 (new name for <i>Priapus polypus</i>)	Adams, 1800	Both homonyms junior synonyms
<i>Sagartia nivea</i>	Gosse, 1853	Lesson, 1830 / Verrill, 1869	<i>Sagartia gossei</i> Verrill, 1869, replaced junior homonym
<i>Anthopleura pallida</i>	Duchassaing & Michelotti, 1864	Boveri, 1893 / Carlgren, 1949	Junior homonym a junior synonym
<i>Sagartia sociabilis</i>	Gravier, 1918	Verrill, 1882 / Verrill, 1928	Junior homonym returned to original genus

.....continued on the next page

TABLE 5. (Continued)

Name	Senior author, date	Junior author, date/source of homonymy	Resolution
ACTION TAKEN			
<i>Actinauge abyssorum</i>	Carlgren, 1934	Gravier, 1918 / Riemann-Zürneck, 1986	Created herein replacement name <i>Actinauge karinae</i>
ACTION NEEDED			
<i>Actinia flagellifera</i>	Drayton in Dana, 1846, put in <i>Pseudactinia</i> by Acuña & Griffiths, 2004	<i>Comactis flagellifera</i> Hertwig, 1882, put in <i>Pseudactinia</i> by Carlgren, 1928	-

The name *Actinostola abyssorum* remains problematic. Carlgren, 1893 [Ref. 145] described a species under that name, questionably considering it identical to that Danielssen (1890) [Ref. 321] had described as *Bunodes abyssorum*. If the Danielssen species belongs in *Actinostola* and they are different species, there is homonymy; if the Danielssen species belongs in *Actinostola* and they are not different species, the species should be termed *Actinostola abyssorum* (Danielssen, 1890).

I resolve one of the remaining secondary homonyms by creating the replacement name (*nomen novum*) *Actinauge karinae* for the junior homonym (following Code Article 23.2.5). Riemann-Zürneck (1986) [Ref. 515] moved *Chitonanthus abyssorum* Gravier, 1918 [Ref. 101], to the genus *Actinauge*, thereby making a junior homonym of the name *Actinauge abyssorum* Carlgren, 1934 [Ref. 290]. Its original binomen, *Chitonanthus abyssorum* Gravier, 1918, is inappropriate because the genus *Chitonanthus* is invalid (its type species has been moved into another genus). The replacement name honors Karin Riemann-Zürneck, an authority on this group of sea anemones. The type specimens for this newly-named species are the five syntypes of *Chitonanthus abyssorum* Gravier, 1918 (which makes the two species objective synonyms) (Code Articles 67.8, 72.7).

Article 59.2, entitled “Secondary homonyms not replaced when no longer considered congeneric,” does not apply to the remaining pair of secondary homonyms. *Pseudactinia flagellifera* exemplifies a convoluted taxonomic and nomenclatural situation. Hertwig (1882) [Ref. 379] originally identified specimens from the *Challenger* Expedition as belonging to the species Dana (1846) [Ref. 318] had named *Actinia flagellifera* and Milne Edwards (1857) [Ref. 508] had placed in the genus *Comactis*. McMurrich (1893) [Ref. 386] considered the specimens of Hertwig not to belong to the species referred to by Dana, so created the name *Actinia infecunda* for them. Four other names have been applied to the Hertwig species and are therefore potential candidates to replace the name *P. flagellifera*. This assumes, of course, that more than one species has been referred to by the name *P. flagellifera*. Acuña and Griffiths (2004) [Ref. 4949] stated the species names *P. varia* and *P. flagellifera* have been reversed in South Africa; they thereby created the secondary homonymy, but they did not state whether all or only some usages of the one name referred to the other species.

Type species

Choice of a type species has important implications: Code Article 42.3 states “The application of each genus-group name is determined by reference to the type species [Arts. 61, 66 to 70] of the nominal taxon that it denotes.” A type species has never been designated for some anemone genera. *Nemactis* is an example of such a genus (it is currently considered valid; many genera not currently considered valid also lack a type species).

I leave designation of a type species for a genus that has never had one to those revising the genus except for two genera; in both cases, the type species is the only species originally included in the genus that is still considered to belong to it. Explicit designation is needed because of Code Article 69.4 stipulates “Elimination of all but one of the originally included nominal species from a nominal genus or subgenus does not in itself constitute type fixation.” The genera are *Octophellia*, for which I designate *PHELLIA timida* Andres, 1881, as type species, and *Sarcophinanthus*, for which I designate *Sarcophinanthus sertum* Lesson, 1830, as type species.

Type genera

Invalid genera that are type genera of families are *Haliplanella*, *Minyas*, and *Sagartia*. The first two are objective junior synonyms, so, according to Code Article 40.1, “the family-group name is not to be replaced”; Haliplanellidae and Minyadidae are therefore recognized.

TAXONOMY

By contrast, the type species of *Sagartia* Gosse, 1855 [Ref. 95], *Actinia parasitica* Couch, 1842 [Ref. 6048], has been moved to ***Calliactis***, making *Sagartia* a junior subjective synonym. Because *Sagartia* is not considered valid, neither is Sagartiidae. For the other instances in which a type species has been moved to a different genus, all other species were moved to that genus (below)—future taxonomists can judge whether this nomenclaturally-based action is taxonomically justified. However, given that many anemone families seem not to be monophyletic (e.g. Daly *et al.* 2008 [Ref. 5992]), reorganization of many higher ranks seems inevitable, and the genera that have comprised Sagartiidae appear to lack coherence: their species have been placed in *Actinia*, *Actinothoe*, *Adamsia*, *Bunodes*, *Cereus*, *Cylista*, *Edwardsia*, *Heliactis*, ***Paractis***, ***Phellia***, *Scolanthus*, and *Thoe*. I therefore list the genera that had belonged in Sagartiidae as *incertae sedis*. As part of resolving the taxonomy of the group, genera that had been considered to belong to Sagartiidae that do not fit into existing families can become the type genera of new families. Thirteen of the 22 species that have been considered valid and to belong in genus *Sagartia* were originally described in that genus; nearly all the others were described in the genus *Actinia*. Therefore, they must be examined to determine if they belong to existing genera or if one or more new genera must be described for them. The 19 species that have not been moved are listed in this book as *incertae sedis*; they are associated with the genus name *Sagartia*, which is not in bold.

Among species originally placed in *Actinia* that have been placed in *Sagartia* is *A. nymphaea* Drayton *in* Dana, 1846, type species of *Leiotealia*. This species has been cited in the scientific literature as a questionable synonym of ***Isotealia antarctica*** Carlgren, 1899 [Ref. 148]. If taxonomy supports this synonymy, the name ***I. antarctica*** must be changed to that of the senior synonym.

Type species of the genera discussed below have been moved to other genera. Thus the genus for which it was type species is a junior subjective synonym of the one to which it was moved. I place the other species assigned to the genera now considered to be junior synonyms in the genus to which the type species was moved; I leave to expert taxonomists the decision about whether those generic placements, which follow the nomenclatural rules, are taxonomically appropriate. If not, the experts must move a species to the appropriate genus, or define new genera for some or all of the species moved.

Three of the genera for which the type species have been moved each contains a single species that has continued to be associated with the generic name now considered a junior subjective synonym. The genera are *Chitonanthus*, *Helaria*, and *Paranthea*. The species described as *Chitonanthus indutus* Gravier, 1918 [Ref. 101] is now placed in ***Hormathia***, where *Phellia pectinata* Hertwig, 1882, the type species of *Chitonanthus*, is currently placed. The species described as *Heliactis minor* Andres, 1883 [Ref. 6170] was never published in the genus *Helaria*, the replacement name for *Heliactis*; *Actinia bellis* Ellis & Solander, 1786 [Ref. 71], type species of *Heliactis* and *Helaria* (as well as *Scyphia*) is now placed in ***Cereus***, a genus that is the subject of an appeal to the Commission (Fautin *et al.* 2012) [Ref. 6228]. The species described as *Paranthea armata* Verrill, 1868 [Ref. 460] is now placed in ***Aiptasia***, where *Dysactis pallida* L. Agassiz *in* Verrill, 1864, the type species of *Paranthea*, is currently placed. Since its description, the species has been cited in the scientific literature contained in this book only by the describer, Verrill, and only in the years immediately after it was described.

Andres (1883) [Ref. 6170] placed two species in the new genus *Phlyctaenominyas*, designating neither as type species. One, *P. Brandtii*, was a new name for *Stichophora cyanea*; the discussion by Brandt (1835) is interpreted to mean that he considered Mertens' observations apply to the species Cuvier (1817 [Ref. 1392]) had named *Mynias cyanea*. The other was *Nautactis purpurea* Moseley, 1877 [Ref. 166]. The type species of *Nautactis*, *Actinia olivacea* Le Sueur, 1817 [Ref. 128], is now placed in ***Actinecta***, where it had been placed by de Blainville, 1834 [Ref. 64].

Two species originally described in *Antheopsis* are placed in ***Heteractis***, where *Bunodes koseirensis* Klunzinger, 1877, the type species of *Antheopsis*, is currently placed. Two species originally described in *Cribrina* are placed in ***Urticina***, where *Actinia coriacea* Cuvier, 1798, the type species of *Cribrina*, is currently placed. The only reference to *Cribrina chlorospilota* Brandt, 1835 [Ref. 65] since its description was in the catalog of Andres (1883) [Ref. 6170]; he referred to it as a *species delendae*. The original description is the only citation of *C. japonica* Wassilieff, 1908 [Ref. 478].

The 18 species considered valid in the genus *Bunodactis* Verrill, 1899 [Ref. 470] were moved to ***Aulactinia***, which Dunn *et al.*, 1980 [Ref. 339] had advocated. The 13 species that had been considered to belong to

Gyrostoma Kwietniewski, 1897 [Ref. 400] were moved to **Entacmaea**. The move was necessary also because the name *Gyrostoma* is a junior homonym in Actiniaria (Table 2).

Status of some names created by Andres (1883)

In index D to his book, Andres (1883) [Ref. 6170] indicated 25 names (18 of species and seven of genera) as “n. n.” (*nomina nova*). Only *Adamsia fischeri* was a replacement name in the spirit of the Code (Article 60.1): however, Andres proposed it for *Actinia pellucida* Hollard, 1848, the senior homonym of three, so it did not resolve the homonymy as the Code directs. Andres renamed five species because the species names had been used. Although in philosophical conformity with the Code concerns about homonymy, the genus-species combination had been unique, so these were unnecessary replacement names (they are nonetheless available: Code Article 10.6). They are *Epiactis fertilis* for ***Epiactis prolifera***, *Phellia duchassaingi* for *Paractis clavata*, *Phlyctaenominyas brandtii* for *Stichophora cyanea*, *Sagartia verrillii* for *Sagartia lessonii* (a valid species but not by that name), and *Stauractis incerta* for *Actinodactylus neglectus*.

The others marked “n. n.” by Andres (1883) [Ref. 6170] do not conform to the current understanding of *nomina nova*, an interpretation noted in each species account. Six are for anemones that Andres asserted had been misidentified; he was therefore not renaming the entire species, but describing as a new species those individuals to which the name had been misapplied. They are *Aureliania regalis*, *Edwardsia grubii*, *E. luetkenii*, *Halccampa elizabethae*, *Ragactis cruciata*, and *Siphonactinia tricapitata*. His reasons for creating the other six “*nomina nova*” seem taxonomic but are poorly justified. He described *Halccampa kefersteini* and *Oulactis foliosa* for species he considered had not been well defined, each subsuming two nominal species. The others, which are less well justified, are *Aiptasia agassizii*, *Anemonia milneedwardsii*, *Bunodes studerii*, and *Paractis studerii*. The name *Ilyanthus partenopeus*, which is not included in index D as a “n. n.,” is marked as such in the species treatment. Andres (1883: 459) [Ref. 6170] considered it had been poorly characterized, damaged specimens having been studied, and described one of the descriptions as “incompleta e confusa.”

Andres (1883) [Ref. 6170] labeled as n. n. seven genera that were actually new; he also described eight genera explicitly as new, and seven other generic names were published for the first time but not called out as new (although the etymological derivations of some were given).

Andres (1883) [Ref. 6170] referred to a sea anemone that hosts anemonefish as *Actinia sinensis*, citing a publication by Collingwood (1868) [Ref. 6252], attributing the name to himself in the index, although not in the species treatment. Collingwood (1868) applied no names to the anemones he discussed; he also made it clear that he had observed fishes of more than one species living with sea anemones. Based on locality and the information provided by Andres (1883) [Ref. 6170], I questionably add *Actinia sinensis* to the synonymy of *Stichodactyla gigantea*.

Among *species delendae* cited by Andres (1883) [Ref. 6170] are several of questionable availability, such as *Actinia ventricosa*. The original source of *Actinia caryophyllus* was not seen by Andres and I could not find it to verify it exists. Similarly, Andres provided no bibliographic details for *Actinia anemononoides* except author and date.

Andres (1883) [Ref. 6170] concluded that the species he called *Actinia multiformis*, from a record from Greenland of *Priapus equinus*, was a holothurian. Similarly, he doubted *Minyas fuscescens* of Philippi is an actiniarian; it seems also like an echinoderm.

Miscellaneous

An example of a conundrum that may be never be resolved concerns the names *Hydra calyciflora*, *Hydra corolliflora*, and *Hydra disciflora*. These species were described by Ellis in 1762 [Ref. 619], at a time when relatively few species were known and characters were not consistently recorded. Of uncertain meaning, the names are not cited in inventories of the region in which Ellis worked, including those by Manuel, 1981 [Ref. 384] and Stephenson, 1935 [Ref. 505].

Taxonomic uncertainties bedevil some species of both ***Urticina*** and ***Metridium*** (mentioned above): for both genera, synonymies are incomplete for some species, and although I have cited references to the literature, I have not necessarily adopted all taxonomic suggestions in them regarding synonymies. Indeed, some uses of names in those genera are likely never to be assignable to a species with certainty. The name ***Actinia*** (as discussed above) was initially used for all sea anemones, rather as the ordinal name Actiniaria currently used. The genus ***Metridium***

is among the earliest subsequent names, seemingly used to set apart species with *acontia*. Thus application of both names has been broad.

This inventory can be a useful starting point in assembling the literature and trying to understand the rationale for the creation and use of names for the many taxonomic matters yet to be resolved. Some (perhaps most) nomenclatural conundra will not be resolved until taxonomic uncertainties are. A taxonomist familiar with the animals needs to ascertain whether the published synonymies are justified. If so, the senior synonym should be used, which, in many instances, will involve determining the proper generic assignment of the species and the correct rendering of the name; if changing the name would be disruptive, retaining the junior name would require an appeal to the Commission (Code Article 23.11).

Acknowledgments

Funds to obtain these data and design the database that accommodated them were largely from U.S. National Science Foundation grants DEB95-21819 and DEB99-78106 (in the program PEET - Partnerships to Enhance Expertise in Taxonomy) and supplements in the REU program (Research Experience for Undergraduates) to Daphne G. Fautin, and grant OCE00-03970 (in support of NOPP, the National Oceanographic Partnership Program) to D.G.F. and Robert W. Buddemeier. The last grant was to help create the Ocean Biogeographic Information System (OBIS), part of the Census of Marine Life.

Many, many people have contributed to the design of the system and keyboarding of the data, among them Dan Atwater, Jay Baker, Sridhar Balijepalli, Dan Begert, Erin Brewster, Justin Buck, Heidi Carlson, Hardy Chandra, Cindy Chang, Margaret Dawson, Justin Davis, M. David Fullerton, Gilisa Gould, Sarah Gregory, Jeff Henning, Keith Hunsinger, Seth Jacobson, Zack Kahler, Suman Kansakar, Matthew Kost, Ranjith P. Krishnan, Bridget Livers, Hazel Loaring, Kurt Look, Daisy Madathil, Sarah Mahoney, Carla Marrs, Bryan McCloskey, Alexa McDermott, Uchiyama Mitsuharu, Jennie Nyp, Ije Ohaebosim, Minran Pu, Prabu Renganathan, Rich Robinson, Amanda Schmidt, Kapil Dev Siddulagari, Ganesh Shankaran, Debra Shoger, Matthew Shipley, Ryan Schulze, Aaron Showalter, Laura Shulda, Casey Smith, Brea Smith, Katie Soldan, Amy Soules, Adam Tompkins, Bryan Tangney, Thy T. Tang, Eric Tempel, Liz Thompson, Jane Vander Molen, Andrea Walton, and Chriss Westphal.

Particularly important among the contributors were Adorian Ardelean, who created Syngraph, an application that allows linking related names, including homonyms and synonyms (Ardelean *et al.*, 2009). Chad Campbell, the first Systems Administrator for this project, was important in setting its course. Prabhu Althi Lakshmana, who was not quite the last Systems Administrator for this project, was vital to helping create the script for downloading the data from the database into a document that eventually became this book. Prabhu completed the scripts begun by Sukeerthi Bokka; scripts for an earlier publication were created by Dinesh Raveendran. Undergraduate students who were supported to work on the project by REU supplements and coauthored publications derived from it are Karina Kervin, Steve Perry, and Taras Zelenchuk. Graduate students who used data from the database or contributed data to it include Andrew Campbell, Andrea Crowther, Susanne Hauswaldt, Katherine Pearson, April Wakefield Pagels, and Tracy White. Collaborators important in data analysis include Jeremy Bartley, Bob Buddemeier, Meg Daly, and John Guinotte.

Thanks to all who worked on this project over the years. Special thanks are due to the Kansas Geological Survey, which served the database, part of the project "Biogeoinformatics of Hexacorals." KGS staff members and students who devoted time and effort to the project include Dana Adkins-Heljeson, Asif Iqbal, Kurt Look, Casey McLaughlin, Girmay Misgna, Ken Nelson, Peder Sandhei, Mark Schoneweis, and Shawn Saving. The computer experts were exposed to some specialized content, the data entry students learned a bit about anemones, and the students of anemones gained knowledge of databases. We all learned a lot!

Thanks are due to the many people who commented on and corrected the data shown on the website. Gary Rosenburg and Miguel A. Alonso Zarazaga both contributed absolutely essential taxonomic and nomenclatural advice. Bill Eschmeyer, who provided a model for me more than 30 years ago, when we both worked at the California Academy of Sciences, is, likewise, a taxonomist/nomenclaturalist who was essential to this project. Thanks to Vicki Pearse and an anonymous reviewer for help polishing the final version.

CORALLIMORPHARIA

FAMILIES

Actinodiscidae Carlgren, 1949 [Ref. 31], p. 14
Type genus: *Actinodiscus* de Blainville, 1830 [Ref. 94]

Corallimorphidae Hertwig, 1882 [Ref. 379], p. 21
Alternative rendering: Corallimorphidæ
Type genus: *Corallimorphus* Moseley, 1877 [Ref. 166]
Other valid genera: *Corynactis* Allman, 1846

Corynactinidae Andres, 1883 [Ref. 6170], p. 480–481
Alternative renderings: Corynactidae, Corynactidæ
Type genus: *Corynactis* Allman, 1846 [Ref. 686]

Discosomidae Verrill, 1869 [Ref. 458], p. 461–462
Alternative rendering: Discosomidæ
Type genus: *Discosoma* Rüppell & Leuckart, 1828 [Ref. 220]
Other valid genera: *Amplexidiscus* Dunn & Hamner, 1980; *Metarhodactis* Carlgren, 1943; *Platyzoanthus* Saville-Kent, 1893; *Rhodactis* Milne Edwards & Haime, 1851

Comments: Verrill (1869) defined Discostominæ as not the Discosomæ of Duchassaing and Michelotti, explaining “This subfamily includes the true genus, *Discosoma* Leuck.” He followed Ehrenberg (1834) [Ref. 58] in using *Discostoma* as a replacement name for *Discosoma* of Leuckart, noting that Oken (1815) [Ref. 718] had created *Discosomus* (and, by implication, had preoccupied the name). Oken’s work was rejected for nomenclatorial purposes in Opinion 417 of the International Commission on Zoological Nomenclature (Bulletin of Zoological Nomenclature 14:3–6; September 1956) because the author did not apply the principles of binominal nomenclature. Verrill further cited the name *Discosoma* in Arachnida as used by Perty (1830), which is junior to Rüppell & Leuckart (1828). Therefore, the name is correctly rendered as Discosomidae, which is how Klunzinger (1877) [Ref. 121] spelled it, attributing it to Verrill. Andres (1883) [Ref. 6170], among others, recognized that the family as defined early was heterogeneous, containing what are now considered both actiniarians and corallimorpharians.

Rhodactinidae Andres, 1883 [Ref. 6170], p. 480, 498
Alternative renderings: Rhodactidae, Rhodactidæ
Type genus: *Rhodactis* Milne Edwards & Haime, 1851 [Ref. 162]

Ricordeidae Watzl, 1922 [Ref. 479], p. 6–8
Type genus: *Ricordea* Duchassaing & Michelotti, 1860 [Ref. 323]
Other valid genera: none

Sideractinidae Danielssen, 1890 [Ref. 321], p. 14
Alternative renderings: Sideractidæ, Sideractiidae
Type genus: *Sideractis* Danielssen, 1890 [Ref. 321]
Other valid genera: *Nectactis* Gravier, 1918

GENERA

Actinodiscus de Blainville, 1830 [Ref. 94], p. 287
Gender: Masculine
Type species: *Discosoma nummiforme* Rüppell & Leuckart, 1828 [Ref. 220] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].
Objective synonym of *Discosoma* Rüppell & Leuckart, 1828, because *Discosoma nummiforme* Rüppell & Leuckart, 1828, type species of both (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Comments: In agreement with Edwards *et al.* (1996) [Ref. 1344], senior homonym of echinoderm genus *Actinodiscus* of Smith, A. B. & C. R. C. Paul, 1982, Revision of the class Cyclocystoidea (Echinodermata). Philosophical Transactions of the Royal Society of London B 298(1083):625. Authorship of corallimorpharian genus in agreement with Neave (1939) [Ref. 595], that of echinoderm genus with Edwards *et al.* (1996).

Type genus of Actinodiscidae Carlgren, 1949

Actinotryx Duchassaing & Michelotti, 1860 [Ref. 323], p. 45

Alternative renderings: *Actinothrix*, *Actinothryx*, *Actinotrynx*

Gender: Feminine

Type species: *Actinotryx sanctithomae* Duchassaing & Michelotti, 1860, by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comments: Authorship in agreement with Neave (1939) [Ref. 595].

***Amplexidiscus* Dunn & Hamner, 1980** [Ref. 340], p. 29–31

Gender: Masculine

Type species: ***Amplexidiscus fenestrafer* Dunn & Hamner, 1980** [Ref. 340] by original designation; Fautin *et al.* (2007) [Ref. 5913] stated it was by monotypy.

Originally included one species.

Valid species: ***Amplexidiscus fenestrafer* Dunn & Hamner, 1980**

Comment: Authorship in agreement with Edwards *et al.* (1996) [Ref. 1344].

Family: **Discosomidae Verrill, 1869** [Ref. 458]

Chalmersia unavailable

Unavailable because Delage & Hérouard, 1901 [Ref. 66] did not assign an available species name in combination with this genus name (International Code of Zoological Nomenclature Article 12.2.5), in agreement with Fautin *et al.* (2007) [Ref. 5913].

Gender: Feminine

***Corallimorphus* Moseley, 1877** [Ref. 166], p. 299–300

Gender: Masculine

Type species: ***Corallimorphus profundus* Moseley, 1877** [Ref. 166] designated by Carlgren (1949) [Ref. 31], in agreement with Fautin (1984) [Ref. 346] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included two species.

Valid species: ***Corallimorphus denhartogi* Fautin, White, & Pearson, 2002; *Corallimorphus ingens* Gravier, 1918; *Corallimorphus niwa* Fautin, 2011; *Corallimorphus pilatus* Fautin, White, & Pearson, 2002; *Corallimorphus profundus* Moseley, 1877; *Corallimorphus rigidus* Moseley, 1877**

Comment: Authorship in agreement with Neave (1939) [Ref. 595] and with Carlgren (1949).

Type genus of Corallimorphidae Hertwig, 1882 [Ref. 379]

***Corynactis* Allman, 1846** [Ref. 686], p. 417

Gender: Feminine

Type species: ***Corynactis viridis* Allman, 1846** [Ref. 686] by monotypy, in agreement with Carlgren (1949) [Ref. 31], with den Hartog (1980) [Ref. 378], and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Corynactis annulata* (Verrill, 1867); *Corynactis australis* Haddon & Duerden, 1896; *Corynactis caboverdensis* (den Hartog, Ocaña, & Brito, 1993); *Corynactis californica* Carlgren, 1936; *Corynactis caribbeorum* (den Hartog, 1980); *Corynactis carnea* Studer, 1879; *Corynactis chilensis* Carlgren, 1941; *Corynactis delawarei* Widersten, 1976; *Corynactis denhartogi* Ocaña, 2003; *Corynactis denticulosa* (Le Sueur, 1817); *Corynactis globulifera* (Hemprich & Ehrenberg in Ehrenberg, 1834); *Corynactis hoplites* Haddon & Shackleton, 1893; *Corynactis mediterranea* Sars, 1857; *Corynactis parvula* Duchassaing & Michelotti, 1860; *Corynactis sanmatiensis* (Zamponi, 1976); *Corynactis viridis* Allman, 1846**

Comment: Authorship in agreement with Neave (1939) [Ref. 595] and with Carlgren (1949).

Type genus of Corynactinidae Andres, 1883 [Ref. 6170]

Family: **Corallimorphidae Hertwig, 1882** [Ref. 379]

***Discosoma* Rüppell & Leuckart, 1828** [Ref. 220], p. 3

Alternative renderings: *Discosomus*, *Discossoma*, *Discostoma*

Gender: Neuter

Type species: ***Discosoma nummiforme* Rüppell & Leuckart, 1828** [Ref. 220] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Objective synonym of *Actinodiscus* de Blainville, 1830 [Ref. 94], because *Discosoma nummiforme* Rüppell & Leuckart, 1828, type species of both (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Valid species: ***Discosoma album* (Forsskål, 1775); *Discosoma carlgreni* (Watzl, 1922); *Discosoma dawydoffi* Carlgren, 1943; *Discosoma fowleri* den Hartog, 1980; *Discosoma fungiforme* (Verrill, 1869); *Discosoma molle* (Couthouy in Dana, 1846); *Discosoma neglecta* (Duchassaing & Michelotti, 1860); *Discosoma nummiforme* Rüppell & Leuckart, 1828; *Discosoma rubraoris* Saville-Kent, 1893; *Discosoma unguja* Carlgren, 1900; *Discosoma viridescens* (Quoy & Gaimard, 1833)**

Comments: In referring to this as "the true genus" *Discosoma*, Verrill (1869) [Ref. 468] followed Ehrenberg (1834) [Ref. 58] in using *Discostoma* as a replacement name for *Discosoma* of Leuckart, noting Oken (1815) [Ref. 718] had created *Discosomus* (and, by implication, preoccupied the name): Oken's publication was rejected for nomenclatorial purposes in Opinion 417 of the International Commission on Zoological Nomenclature (Bulletin of Zoological Nomenclature 14:3–6; September 1956) because the author did not apply principles of binominal nomenclature. These are not homonyms *sensu* International Code of Zoological Nomenclature Article 58d; name correctly rendered as *Discosoma*, which is how Klunzinger (1877) [Ref. 121], Andres (1883) [Ref. 6170], and others spelled it. In agreement with Neave (1939) [Ref. 594], *Discosoma* senior homonym of [1] arachnid genus *Discosoma* of Perty, M., 1833, Delectus animalium articulorum, quae in itinere per Brasiliam, 3:209; [2] mollusk genus *Discosoma* of Paetel, G., 1875, Die bisher veröffentlichten Familien- und Gattungsnamen der Mollusken, page 71; and [3] protist genus *Discosoma* of Swarczewsky, B., 1928, Zur Kenntnis der Baikalphotistenfauna. Die an den Baikalgammariden lebenden Infusorien. II. Dendrocometidae. Archiv für Protistenkunde 62:52. Authorship of all genera in agreement with Neave (1939) [Ref. 594].

Type genus of **Discosomidae Verrill, 1869** [Ref. 458]

***Draytonia* Duchassaing & Michelotti, 1864** [Ref. 322], p. 30

Gender: Feminine

Type species: ***Draytonia myrcia* Duchassaing & Michelotti, 1864** [Ref. 322] by monotypy, in agreement with den Hartog (1980) [Ref. 378] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1939) [Ref. 594].

***Isocorallion* Carlgren, 1900** [Ref. 195], p. 11 [31], 19 [39]

Alternative rendering: *Isocorallium*

Gender: Neuter

Type species: ***Corynactis hertwigi* Haddon, 1898** [Ref. 363] by monotypy; Fautin *et al.* (2007) [Ref. 5913] gave name as *Isocorallion Hertwigi* Carlgren, 1900.

Originally included one species.

Comments: Authorship in agreement with Neave (1939) [Ref. 594].

Melactis—see *Metactis* in Actiniaria

***Metarhodactis* Carlgren, 1943** [Ref. 305], p. 18

Gender: Feminine

Type species: ***Metarhodactis boninensis* Carlgren, 1943** [Ref. 305] by monotypy, in agreement with den Hartog (1980) [Ref. 378] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Metarhodactis boninensis* Carlgren, 1943

Comment: Authorship in agreement with Carlgren (1949) [Ref. 31] and with Neave (1950) [Ref. 598]

Family: **Discosomidae Verrill, 1869** [Ref. 458]

Nectactis Gravier, 1918 [Ref. 101], p. 18–20

Alternative rendering: *Nectatis*

Gender: Feminine

Type species: *Nectactis singularis* Gravier, 1918 [Ref. 101] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Nectactis singularis* Gravier, 1918

Comment: Authorship in agreement with Neave (1940) [Ref. 596] and with Carlgren (1949) [Ref. 31].

Family: **Sideractinidae Danielssen, 1890** [Ref. 321]

Orinia Duchassaing & Michelotti, 1860 [Ref. 323], p. 52

Gender: Feminine

Type species: *Orinia torpida* Duchassaing & Michelotti, 1860 [Ref. 323] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1940) [Ref. 596] and with Carlgren (1949) [Ref. 31].

Paradiscosoma Carlgren, 1900 [Ref. 195], p. 59, 60 [79, 80]

Gender: Neuter

Type species: *Isaura neglecta* Duchassaing & Michelotti, 1860 [Ref. 323] by original designation, in agreement with Carlgren (1949) [Ref. 31] and with den Hartog (1980) [Ref. 378]; genus not in Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comments: Authorship in agreement with Neave (1940) [Ref. 596]. Carlgren (1900) created name for species he considered had been misidentified as a zoanthid. Because name only for that species, not the entire genus, not a *nomen novum* (as Carlgren termed it) in sense of International Code of Zoological Nomenclature Article 60.

Phialactis Fowler, 1888 [Ref. 88], p. 148–151

Gender: Feminine

Type species: *Phialactis neglecta* Fowler, 1888 [Ref. 88] by monotypy, in agreement with den Hartog (1980) [Ref. 378] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1940) [Ref. 596].

Platyzoanthus Saville-Kent, 1893 [Ref. 440], p. 155

Gender: Masculine

Type species: *Platyzoanthus mussoides* Saville-Kent, 1893 [Ref. 440] by monotypy, in agreement with den Hartog (1980) [Ref. 378] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Platyzoanthus mussoides* Saville-Kent, 1893

Comment: Authorship in agreement with Neave (1940) [Ref. 596].

Family: **Discosomidae Verrill, 1869** [Ref. 458]

Pseudocorynactis den Hartog, 1980 [Ref. 378], p. 10–11

Gender: Feminine

Type species: *Pseudocorynactis caribbeorum* den Hartog, 1980 [Ref. 378] by original designation; stated by den Hartog (1980) and by Fautin *et al.* (2007) [Ref. 5913] to be by monotypy.

Originally included one species.

Comment: Authorship in agreement with Edwards *et al.* (1996) [Ref. 1344].

***Rhodactis* Milne Edwards & Haime, 1851** [Ref. 162], p. 12

Alternative rendering: *Rodactis*

Gender: Feminine

Type species: *Metridium rhodostomum* Hemprich & Ehrenberg in Ehrenberg, 1834 [Ref. 58] by monotypy, in agreement with Carlgren (1949) [Ref. 31], with den Hartog (1980) [Ref. 378], and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Rhodactis bryoides* Haddon & Shackleton, 1893; *Rhodactis howesii* Saville-Kent, 1893; *Rhodactis inchoata* Carlgren, 1943; *Rhodactis indosinensis* Carlgren, 1943; *Rhodactis musciformis* Duchassaing & Michelotti, 1864; *Rhodactis osculifera* (Le Sueur, 1817); *Rhodactis rhodostoma* (Hemprich & Ehrenberg in Ehrenberg, 1834)**

Comment: Authorship in agreement with Neave (1940) [Ref. 597] and with Carlgren (1949).

Type genus of Rhodactinidae Andres, 1883 [Ref. 6170]

Family: **Discosomidae Verrill, 1869** [Ref. 458]

***Ricordea* Duchassaing & Michelotti, 1860** [Ref. 323], p. 41–42

Alternative rendering: *Ricordia*

Gender: Feminine

Type species: ***Ricordea florida* Duchassaing & Michelotti, 1860** [Ref. 323] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Ricordea florida* Duchassaing & Michelotti, 1860; *Ricordea yuma* (Carlgren, 1900)**

Comment: Authorship in agreement with Neave (1940) [Ref. 597] and with Carlgren (1949) [Ref. 31].

Type genus of Ricordeidae Watzl, 1922 [Ref. 479]

***Sideractis* Danielssen, 1890** [Ref. 321], p. 14–16

Gender: Feminine

Type species: ***Sideractis glacialis* Danielssen, 1890** [Ref. 321] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Sideractis glacialis* Danielssen, 1890**

Comment: Authorship in agreement with Neave (1940) [Ref. 597] and with Carlgren (1949) [Ref. 31].

Type genus of Sideractinidae Danielssen, 1890 [Ref. 321]

Sphincteractis Zamponi, 1976 [Ref. 269], p. 128

Gender: Feminine

Type species: *Sphincteractis sanmatiensis* Zamponi, 1976 [Ref. 269] by original designation; stated by Fautin *et al.* (2007) [Ref. 5913] to be by monotypy.

Originally included one species.

Comment: Edwards & Tobias (1993) [Ref. 601] erroneously gave 1977 as publication date.

SPECIES

albida, *Corynactis* Agassiz, 1859

Valid name: ***Haloclava producta* (Stimpson, 1856)** [Actiniaria]

Senior homonym of *Corynactis albida* Stuckey, 1909 [Ref. 244]. Resolved: both names regarded as junior synonyms.

Described from unspecified number.

Type specimens: syntypes *not found*: USA, Massachusetts, Nantucket harbor

albida, *Corynactis* Stuckey, 1909

Valid name: ***Corynactis australis* Haddon & Duerden, 1896**

Junior primary homonym of *Corynactis albida* Agassiz, 1859 [Ref. 612]. Replaced by an available synonym (International Code of Zoological Nomenclature Article 23.3.5).

Described from unspecified number.
Type specimens: syntypes *not found*: New Zealand

album, *Discosoma* (Forsskål, 1775)

Synonymy: *Priapus albus* Forsskål, 1775 [Ref. 86], p. 101 (original description).

Actinia alba [no author]: Bruguière, 1789 [Ref. 606], p. 14. senior homonym

[*non*] *Actinia alba* Risso, 1826 [Ref. 739], p. 287 (original description). junior primary homonym

[*non*] *Actinia alba* W. P. Cocks in Johnston, 1847 [Ref. 694], p. 217–218 (original description). junior primary homonym

Discosoma albus [no author]: Milne Edwards, 1857 [Ref. 508], p. 256. *misspelled*

Discosoma album Milne-Edwards: Haeckel, 1876 [Ref. 104], Pl. I fig. 1.

Comment: Risso species considered valid, Cocks species now in *Sagartia*. Because species put in other genera before 1900, case must be made to International Commission on Zoological Nomenclature (International Code of Zoological Nomenclature Article 23.9.5) and until a ruling is made, “prevailing usage of both names is to be maintained.”

albus, Priapus Forsskål, 1775

Valid names used: ***Discosoma album* (Forsskål, 1775); *Discosoma nummiforme* Rüppell & Leuckart, 1828**

Described from unspecified number.

Type specimens: syntypes *not found*: Red Sea [Mer Rouge]

allmani, Corynactis Thompson in Cocks, 1853

Valid name: ***Corynactis viridis* Allman, 1846**

Described from “several specimens” found in stomach of *Platessa microcephala*.

Type specimens: syntypes *not found*: UK, Falmouth

***annulata, Corynactis* (Verrill, 1867)**

Synonymy: *Melactis annulata* Verrill, 1867 [Ref. 5915] (1866), p. 50 (original description).

Corynactis annulata Verrill: Verrill, 1868 [Ref. 460], p. 16.

Ropalactis annulata Verr.: Andres, 1883 [Ref. 6170], p. 470.

annulata, Melactis Verrill, 1867

Valid name: ***Corynactis annulata* (Verrill, 1867)**

Described from unspecified number.

Type specimens: syntypes *not found*: South Africa, Cape of Good Hope

antarcticus, Corallimorphus Carlgren & Stephenson, 1929

Valid name: ***Corallimorphus profundus* Moseley, 1877**

Described from x1.

Type specimen: AM G13444: 3 pieces of holotype, 65°6'S, 96°13'E (Australasian Antarctic Expedition 1911–14 sta. 10)

atlanticus, Corallimorphus Carlgren, 1934

Valid name: ***Corallimorphus rigidus* Moseley, 1877**

Described from x1.

Type specimen: MZB 39195: holotype, 45°26'N, 9°20'W (Michael Sars North Atlantic Deep-Sea Expedition 1910 sta. 10)

***australis, Corynactis* Haddon & Duerden, 1896**

Described from unspecified number.

Type specimens: MZL *no catalog number*: 3 microscope slides of syntype, Australia, Victoria, Port Phillip; MZC I.35240:1 syntype, Australia, Victoria, Port Phillip; MZC I.35260: 2 syntypes, Australia, Victoria, Port Phillip; MZC I.35265: 2 syntypes, Australia, Victoria, Port Phillip; MZC I.35270: 1 syntype, Australia, Victoria, Port Phillip; MZC I.35250: 2 syntypes, Australia,

Victoria, Port Phillip; MZC I.35275: 1? syntype, Australia, Victoria, Port Phillip; MZC I.35255: 1 syntype, Australia, Victoria, Port Phillip

Synonymy: [*non*] *Corynactis albida* Agassiz, 1859 [Ref. 612], p. 24 (original description). senior homonym
Corynactis Australis Haddon & Duerden, 1896 [Ref. 368], p. 140, 151–153 (original description).
Corynactis australis Hadd. & Duerd.: Duerden, 1898 [Ref. 556], p. 638, 646–648, 650.
Corynactis gracilis Farquhar, 1898 [Ref. 75], p. 534–535 (original description).
Corynactis mollis Farquhar, 1898 [Ref. 75], p. 527, 534 (original description).
Corynactis Haddoni Farquhar, 1898 [Ref. 75], p. 527, 532–535 (original description).
Corynactis haddoni (Farquhar): Stuckey, 1909 [Ref. 244], p. 390.
Corynactis albida Stuckey, 1909 [Ref. 244], p. 390–392 (original description). junior primary homonym

bahamensis, *Corynactis* Watzl, 1922

Valid name: ***Ricordea florida* Duchassaing & Michelotti, 1860**

Described from x1.

Type specimen: MZL 178: holotype, Bahamas, Andros, Mastic Point

***boninensis*, *Metarhodactis* Carlgren, 1943**

Type species of *Metarhodactis* by monotypy.

Described from x10.

Type specimens: EUU 632: 2 syntypes, Japan, Ogasawara Islands [Bonin Islands] Islands, Port Lloyd

Synonymy: *Metarhodactis boninensis* Carlgren, 1943 [Ref. 305], p. 17, 18–19 (original description).

Metarhodactis boniensis Carlgren, 1943: Carlgren, 1949 [Ref. 31], p. 16. *misspelled*

***bryoides*, *Rhodactis* Haddon & Shackleton, 1893**

Described from unspecified number.

Type specimens: MZC I.35515: 1 syntype, Australia, Queensland, Torres Strait, Murray Islands; MZC I.35520: 6 syntypes, Australia, Queensland, Torres Strait, Mabuiaig

Synonymy: *Rhodactis bryoides* Haddon & Shackleton, 1893 [Ref. 364], p. 117, 121 (original description).

Actinotryx bryoides (H. & S.): Haddon, 1898 [Ref. 363], p. 399, 479–480

***caboverdensis*, *Corynactis* (den Hartog, Ocaña, & Brito, 1993)**

Synonymy: *Pseudocorynactis caboverdensis* den Hartog, Ocaña, & Brito, 1993 [Ref. 111], p. 35–40 (original description).

Corynactis caboverdensis (den Hartog et al., 1993): Fautin, 2011 [Ref. 6143], p. 39.

caboverdensis, *Pseudocorynactis* den Hartog, Ocaña, & Brito, 1993

Valid name: ***Corynactis caboverdensis* (den Hartog, Ocaña, & Brito, 1993)**

Described from x1.

Type specimen: NNM 17760: holotype, Atlantic Ocean, Cape Verde Islands [Cape de Verdes], SW of Sco Vicente, Baia da Ribeirinha (CANCAP sta. 7.169)

***californica*, *Corynactis* Carlgren, 1936**

Described from x7.

Type specimens: USNM 43060: holotype, USA, California, Monterey Bay; USNM 43064: 5 paratypes, USA, California, Monterey Bay; NRS 4032: 1 paratype, USA, California, Monterey Bay

Synonymy: *Corynactis californica* Carlgren, 1936 [Ref. 289], p. 17–18 (original description).

=? *Corynactis* sp. [no author]: Uchida, 1940 [Ref. 1820], p. 266, 272.

***caribbeorum*, *Corynactis* (den Hartog, 1980)**

Synonymy: *Pseudocorynactis caribbeorum* den Hartog, 1980 [Ref. 378], p. 15, 19–25, 63–64, 66 (original description).

Pseudocorynactis sp. [no author]: Pires, Castro, Migotto, & Marques, 1992 [Ref. 191], p. 12.

Corynactis caribbeorum (den Hartog, 1980): Fautin, 2011 [Ref. 6143], p. 39.

caribbeorum, *Pseudocorynactis* den Hartog, 1980

Valid name: ***Corynactis caribbeorum* (den Hartog, 1980)**

Type species of *Pseudocorynactis* by original designation.

Described from x27 ex eight localities.

Type specimens: NNM 11481: holotype, Caribbean Sea, Netherlands Antilles, Curaçao, south coast, between entrance of Piscadera Bay and Blauw Bay; UM P 734: 11 paratypes, Venezuela, Caribbean Sea, off Venezuela; NNM 11479: 1 paratype, Caribbean Sea, Netherlands Antilles, Curaçao, south coast, between entrance of Piscadera Bay and Blauw Bay; NNM 11483: 3 paratypes, Caribbean Sea, Netherlands Antilles, Curaçao, south coast, between entrance of Piscadera Bay and Blauw Bay; NNM 11486: 1 paratype, Caribbean Sea, Netherlands Antilles, Curaçao, Playa Abao; NNM 11487: 1 paratype, Caribbean Sea, Netherlands Antilles, Saba, Giles Quarter, Tom's Ghaut; NNM 12817: 1 paratype, Caribbean Sea, Netherlands Antilles, Curaçao, Slangen Bay; NNM 11484: 1 paratype, Caribbean Sea, Netherlands Antilles, Curaçao, Porto Marie [Portomari] Bay [Portomaribaai]; NNM 11485: 4 paratypes, Caribbean Sea, Netherlands Antilles, Curaçao, south coast, between entrance of Piscadera Bay and Blauw Bay; NNM 11482: 1 paratype, Caribbean Sea, Netherlands Antilles, Curaçao, south coast, between entrance of Piscadera Bay and Blauw Bay; USNM: 1 paratype, Caribbean Sea, off Venezuela (R/V Oregon sta. 4459) [no catalog number published; specimen *not found* in NNM as of April 2013]; USNM 1204747: 1 paratype, Caribbean Sea, Panama, San Blas Islands (*Pilsbry* [*Pillsbury*] sta. 420 [P 420 implied in description to be catalog number, but actually station number; specimen at UM according to description found at USNM April 2013]).

***carlgreni*, *Discosoma* (Watzl, 1922)**

Synonymy: *Heteranthus floridus* (Duch. and Mich.): McMurrich, 1889 [Ref. 387], p. 47–50.

Actinotryx Sancti-Thomae Duch. and Mich.: Verrill, 1900 [Ref. 474], p. 555.

Ricordea florida (D. and M.): Verrill, 1900 [Ref. 474], p. 556.

Rhodactis Carlgreni Watzl, 1922 [Ref. 479], p. 12, 13–17, 18, 20, 74 (original description).

Actinotryx santi-thomae Duch. & Mich.: Weill, 1929 [Ref. 5098], p. 891.

Paradiscosoma Carlgreni (Watzl, 1922): Carlgren, 1949 [Ref. 31], p. 15.

Paradiscosoma carlgreni [no author]: Corrêa, 1964 [Ref. 312], p. 28.

Discosoma carlgreni (Watzl, 1922): den Hartog, 1980 [Ref. 378], p. 37–39, 44–45, 48–50, 52, 54–55, 57–60, 62.

carlgreni, *Rhodactis* Watzl, 1922

Valid name: ***Discosoma carlgreni* (Watzl, 1922)**

Described from x3.

Type specimens: MZL 182: 2 syntypes, Bahamas, Andros, Mastic Point; NHMG Anthoz. 106: 1 syntype, Bahamas, Andros, Mastic Point

***carnea*, *Corynactis* Studer, 1879**

Also in synonymy of ***Corynactis chilensis* Carlgren, 1941**

Described from unspecified number >1.

Type specimens: MNB 2055: 1? syntype, Argentina; MNB 1845: 10 syntypes, Argentina; MNB 4217: 23 syntypes, Argentina; MNB 4218: 8 syntypes, Argentina; MZL *no catalog number*: 4 microscope slides of syntype, Argentina; NRS 52: 1 syntype, Argentina

Synonymy: *Corynactis carnea* Studer, 1879 [Ref. 262] (1878), p. 542 (original description).

Anemonia variabilis McMurrich, 1893 [Ref. 386], p. 147–148, 206, 208 (original description).

Anemonia carnea (Studer): McMurrich, 1893 [Ref. 386], p. 208–209.

***chilensis*, *Corynactis* Carlgren, 1941**

Described from x4.

Type specimens: syntypes *not found*: Chile, Guaitecas Islands

Synonymy: [*pro parte*] *Corynactis carnea* Studer: McMurrich, 1904 [Ref. 391], p. 291–295.

Corynactis chilensis Carlgren, 1941 [Ref. 300], p. 1, 2–3 (original description).

Comment: Name created for some specimens identified as *Corynactis carnea* by McMurrich (1904) [Ref. 391].

***dawydoffi*, *Discosoma* Carlgren, 1943**

Described from x5.

Type specimens: NRS 4007: 5 syntypes, China Sea, South China Sea, Macclesfield Bank

Synonymy: *Discosoma dawydoffi* Carlgren, 1943 [Ref. 305], p. 11–12 (original description).

Actinodiscus dawydoffi (Carlgren, 1943): Carlgren, 1949 [Ref. 31], p. 15.

***delawarei*, *Corynactis* Widersten, 1976**

Described from x33.

Type specimens: EUU 719 a–e: 5 microscope slides of holotype, 39°56'N, 69°45'W; USNM 54322: 12 paratypes, 39°56'N, 69°45'W

Synonymy: *Corynactis delawarei* Widersten, 1976 [Ref. 267], p. 858–860 (original description).

***denhartogi*, *Corallimorphus* Fautin, White, & Pearson, 2002**

Described from holotype, x17 paratypes.

Type specimens: KU 001391: holotype, USA, California, ~200 km off central California (PULSE Cruise sta. M); CAS 146043: 1 paratype, USA, California, ~200 km off central California (PULSE Cruise sta. M); CAS 154362: 1 paratype, USA, California, W of central California; MLML C 0193: 1 paratype, USA, California, W of central California; NNM 24967: 1 paratype, USA, California, ~200 km off central California (PULSE Cruise sta. M); USNM 100903: 1 paratype, USA, California, ~200 km off central California (PULSE Cruise sta. M); USNM 1000047: 2 paratypes, USA, California, ~200 km off central California (PULSE Cruise sta. M); RBCM 001-0046-001: 1 paratype, USA, California, ~200 km off central California (PULSE Cruise sta. M); SBMNH 144410: 2 paratypes, USA, Oregon; SBMNH 144411: 1 paratype, USA, California, Mendocino County, S of Mendocino Ridge and W of Delgado Fan; SIO Co 1388: 1 paratype, Pacific Ocean, W of Baja California, Mexico; KU 001528: 4 paratypes, 36°15.94'N, 122°36.66'W

Synonymy: *Corallimorphus denhartogi* Fautin, White, & Pearson, 2002 [Ref. 1507], p. 113–123 (original description).

***denhartogi*, *Corynactis* Ocaña, 2003**

Described from x5.

Type specimens: NIWA H-814: holotype, New Zealand, South Island, off Fiords coast (NZOI Cruise B sta. 480); NIWA P-1293: 1 paratype, New Zealand, South Island, off Fiords coast (NZOI Cruise B sta. 480); NIWA P-1295: 1 paratype, New Zealand, South Island, off Fiords coast (NZOI Cruise B sta. 480); NIWA P-1294: 1 paratype, New Zealand, South Island, off Fiords coast (NZOI Cruise B sta. 480); NNM 32021: 1 paratype, New Zealand, South Island, off Fiords coast (NZOI Cruise B sta. 480)

Synonymy: *Corynactis denhartogi* Ocaña, 2003 [Ref. 1885], p. 257–267 (original description).

***denticulosa*, *Actinia* Le Sueur, 1817**

Valid names used: Valid names used: ***Corynactis denticulosa* (Le Sueur, 1817); ?? *Homostichanthus duerdeni* Carlgren, 1900** [Actiniaria]

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, Lesser Antilles, Barbados

***denticulosa*, *Corynactis* (Le Sueur, 1817)**

Synonymy: *Actinia denticulosa* Le Sueur, 1817 [Ref. 128], p. 174 (original description).

Discosoma denticulosa [no author]: Milne Edwards, 1857 [Ref. 508], p. 256–257.

Corynactis denticulosa Les.: Andres, 1883 [Ref. 6170], p. 487.

***fenestrafer*, *Amplexidiscus* Dunn & Hamner, 1980**

Type species of *Amplexidiscus* by original designation.

Described from holotype, x4 paratypes.

Type specimens: CAS 015553: holotype, Australia, Queensland, Great Barrier Reef, Lizard Island; AM G15056: 1 paratype, Australia, Queensland, Great Barrier Reef, Lizard Island; BPBM D524: 1 paratype, Australia, Queensland, Great Barrier Reef, Lizard Island; CAS 015554: 1 paratype, Australia, Queensland, Great Barrier Reef, Lizard Island; USNM 57988: 1 paratype, Australia, Queensland, Great Barrier Reef, Lizard Island

Synonymy: *Amplexidiscus fenestrafer* Dunn & Hamner, 1980 [Ref. 340], p. 31–36 (original description).

Discosoma fenestrafera (Dunn et Hamner, 1980): Uchida & Soyama, 2001 [Ref. 1832], p. 111, 150, 153.

***florida*, *Ricordea* Duchassaing & Michelotti, 1860**

Type species of *Ricordea* by monotypy.

Also in synonymy of *Discosoma carlgreni* (Watzl, 1922) and *Discosoma fungiforme* (Verrill, 1869)

Described from unspecified number >1.

Type specimens: syntypes *not found*: Caribbean Sea, Virgin Islands, Port of St. Thomas

Synonymy: *Ricordea florida* Duchassaing & Michelotti, 1860 [Ref. 323], p. 42 (original description).

Ricordea Florida [no author]: Duchassaing, 1870 [Ref. 1674], p. 19.

Ricordea florida D. & Mich.: Andres, 1883 [Ref. 6170], p. 570, 572. *incertae sedis*

Heteranthus floridus (Duch. and Mich.): McMurrich, 1889 [Ref. 387], p. 47–50.

[*non*] *Ricordea florida* (D. and M.): Verrill, 1900 [Ref. 474], p. 556.

Corynactis bahamensis Watzl, 1922 [Ref. 479], p. 3–6, 8, 9, 11, 74 (original description).

Ricordia florida [no author]: Zamponi, 1981 [Ref. 553], p. 165. *misspelled*

***fowleri*, *Discosoma* den Hartog, 1980**

Type specimens of a *nomen novum* are those of the species whose name is replaced (International Code of Zoological Nomenclature Article 72.7).

Synonymy: *Phialactis neglecta* Fowler, 1888 [Ref. 88], p. 148–151 (original description).

Ricordea neglecta (Fowl.): Haddon, 1898 [Ref. 363], p. 481.

Rhodactis neglecta Fowler: Stephenson, 1922 [Ref. 451], p. 305.

Actinodiscus neglectus (Fowler): Cutress, 1979 [Ref. 42], p. 104–108.

[*non*] *Discosoma neglecta* (Duchassaing & Michelotti, 1860): den Hartog, 1980 [Ref. 378], p. 37–38, 48–50, 52, 54–55, 58, 61–66.

Discosoma fowleri den Hartog, 1980 [Ref. 378], p. 37–40 (original description as *nomen novum*).

Comment: den Hartog (1980) considered species to belong to *Discosoma*, which would make it a junior secondary homonym, so created replacement name (International Code of Zoological Nomenclature Article 60).

***fungiforme*, *Discosoma* (Verrill, 1869)**

Synonymy: =? *Ricordea florida* Duchassaing & Michelotti, 1860 [Ref. 323], p. 42 (original description).

Discostoma fungiforme Verrill, 1869 [Ref. 461] (1870), p. 70–71, 102 [36–37, 68] (original description).

Discosoma fungiforme [no author]: Haddon, 1898 [Ref. 363], p. 481.

Actinodiscus fungiformis (Verrill, 1869): Carlgren, 1949 [Ref. 31], p. 15.

fungiforme, *Discostoma* Verrill, 1869

Valid name: ***Discosoma fungiforme* (Verrill, 1869)**

Described from unspecified number >1.

Type specimens: YPM 9677: 4 syntypes, Japan, Ogasawara Islands [Bonin Islands] Islands, Port Lloyd

***glacialis*, *Sideractis* Danielssen, 1890**

Type species of *Sideractis* by monotypy.

Described from x1.

Type specimen: MZB 9796: holotype, 70°41'N, 10°10'W (Norwegian North Atlantic Expedition 1876–1878 sta. 237)

Synonymy: *Sideractis glacialis* Danielssen, 1890 [Ref. 321], p. 14–16 (original description).

globulifera, *Actinia* Hemprich & Ehrenberg in Ehrenberg, 1834

Valid name: ***Corynactis globulifera* (Hemprich & Ehrenberg in Ehrenberg, 1834)**

Described from unspecified number.

Type specimens: MZL *no catalog number*: 2 microscope slides of syntype, Egypt, Red Sea [Mer Rouge], Ras Kafil [Ras el Kafil]

globulifera, Corynactis (Hemprich & Ehrenberg in Ehrenberg, 1834)

Synonymy: *Actinia globulifera* Hemprich & Ehrenberg *in* Ehrenberg, 1834 [Ref. 58], p. 263 (original description).

Corynactis globulifera [no author]: Milne Edwards, 1857 [Ref. 508], p. 258.

Corynactis hoplites Haddon & Shackleton, 1893 [Ref. 364], p. 11119 (original description).

Ectacmaea globulifera H. u. E.: Carlgren, 1899 [Ref. 152], p. 15–16.

Pseudocorynactis globulifera (Ehrenberg, 1834): den Hartog, 1994 [Ref. 6022], p. 76.

gracilis, Corynactis Farquhar, 1898

Valid name: ***Corynactis australis* Haddon & Duerden, 1896**

Described from "a few specimens."

Type specimens: syntypes *not found*: New Zealand, North Island, Ohiro Bay

haddoni, Corynactis Farquhar, 1898

Valid name: ***Corynactis australis* Haddon & Duerden, 1896**

Described from unspecified number >1.

Type specimens: syntypes *not found*: New Zealand, North Island, Lyall Bay; syntypes *not found*: New Zealand, North Island, Wellington, Island Bay; syntypes *not found*: New Zealand, North Island, North Island, Ohiro Bay

hertwigi, Corynactis Haddon, 1900

Valid name: ***Corallimorphus rigidus* Moseley, 1877**

Type species of *Isocorallion* by monotypy.

Described from x1.

Type specimen: holotype *not found*: 1°54'0"S, 146°39'40"E (*Challenger* Expedition 1873-1876 sta. 219)

***hoplites, Corynactis* Haddon & Shackleton, 1893**

Also in synonymy of ***Corynactis globulifera (Hemprich & Ehrenberg in Ehrenberg, 1834)***

Described from unspecified number >1.

Type specimens: MZL *no catalog number*: 4 microscope slides of syntype, Australia, Queensland, Torres Strait, between Orman's Reef and Gaba, Brother's Island; syntypes *not found*: Australia, Queensland, Torres Strait, Mabuiag

Synonymy: *Corynactis hoplites* Haddon & Shackleton, 1893 [Ref. 364], p. 117–119 (original description).

***howesii, Rhodactis* Saville-Kent, 1893**

Described from unspecified number.

Type specimens: *not found*: Australia, Queensland, near Townsville, Cleveland Bay, Bay Rock lighthouse; MZL *no catalog number*; 1 microscope slide not type specimen (but may have been mistaken for one)

Synonymy: *Rhodactis howesii* Saville-Kent, 1893 [Ref. 440], p. 149–150 (original description).

Rhodactis Howesii Saville-Kent: Carlgren, 1896 [Ref. 735], p. 175.

[*non*] *Rhodactis howsii* [no author]: Cutress, 1979 [Ref. 42], p. 107. *misspelled*

Discosoma howesii (Saville-Kent, 1893): Uchida & Soyama, 2001 [Ref. 1832], p. 110, 150, 153.

***inchoata, Rhodactis* Carlgren, 1943**

Described from x8 ex three localities.

Type specimens: MZL *no catalog number*: 1 microscope slide of syntype, Vietnam, Bay of Nhatrang; NRS 4021: 2 syntypes, China Sea, South China Sea, Macclesfield Bank; NRS 4022: 5 syntypes, Vietnam, North Annam, Tourane, Lien Chien; NRS 4068: 1 syntype, Vietnam, Bay of Nhatrang

Synonymy: *Rhodactis inchoata* Carlgren, 1943 [Ref. 305], p. 13–15 (original description).

[*non*] *Rhodactis inochata* Carlgren, 1943: den Hartog, 1980 [Ref. 378], p. 40. *misspelled*

***indosinensis*, *Rhodactis* Carlgren, 1943**

Described from "several specimens" ex four localities.

Type specimens: NRS 4020: 14? syntypes, Vietnam, Cochinchina, Poulo Condore; NRS 4069: 1 syntype, Vietnam, North Annam, Tourane, Lien Chien; NRS 4070: 2 syntypes, Vietnam, Cochinchina, Poulo Condore; NRS 4071: 3 syntypes, Cambodia, Réam; 1 syntype *not found*: Japan, Ogasawara Islands [Bonin Islands] Islands, Port Lloyd

Synonymy: *Rhodactis indosinensis* Carlgren, 1943 [Ref. 305], p. 13, 15–16 (original description).

Discosoma indosinesis [no author]: Tkachenko, Wu, Fang, & Fan, 2007 [Ref. 5748], p. 188, 189. misspelled

***ingens*, *Corallimorphus* Gravier, 1918**

Described from x10 ex five localities.

Type specimens: MOM 13 0017: 1 syntype, Atlantic Ocean, Azores, Sud de Pico (Prince Albert I of Monaco Campagne de 1896: *Princesse-Alice* et l'*Hirondelle* sta. 683); MOM 13 0079: 1 syntype, 47°36'N, 7°38'W (Prince Albert I of Monaco Campagne de 1903: *Princesse-Alice* et l'*Hirondelle* sta. 1583); MOM 13 0016: 2 syntypes, 37°28'30"N, 25°31'45"W (Prince Albert I of Monaco Campagne de 1896: *Princesse-Alice* et l'*Hirondelle* sta. 663); MOM 13 0014: 2 syntypes, North Atlantic Ocean (Prince Albert I of Monaco Campagne de 1895: *Princesse-Alice* et l'*Hirondelle* sta. 624); MOM 13 0014: 1 syntype?, North Atlantic Ocean (Prince Albert I of Monaco Campagne de 1895: *Princesse-Alice* et l'*Hirondelle* sta. 575)

Synonymy: *Corallimorphus ingens* Gravier, 1918 [Ref. 101], p. 23–24 (original description).

=? *Corallimorphus rigidus* Moseley: Stephenson, 1920 [Ref. 443], p. 179–185. *nomen novum*

Corallimorphus stephensoni [no author]: Carlgren, 1928 [Ref. 198], p. 128 [6]. *nomen novum*

Corallimorphus sp. [no author]: Carlgren & Stephenson, 1929 [Ref. 211], p. 6–7.

macropapillata, *Actinotryx* Weill, 1929

Valid name: ***Rhodactis osculifera* (Le Sueur, 1817)**

Described from unspecified number.

Type specimens: syntypes *not found*: Bermuda

mediterranea, *Corynactis* Sars, 1857

Valid name: ***Corynactis viridlis* Allman, 1846**

Described from unspecified number.

Type specimens: syntypes *not found*: Italy, Sicily, Messina

***molle*, *Discosoma* (Couthouy in Dana, 1846)**

Synonymy: *Actinia mollis* Couthouy in Dana, 1846 [Ref. 318], p. 141–142 (original description).

Metridium molle [no author]: Milne Edwards, 1857 [Ref. 508], p. 254.

Discosoma molle Dana: Andres, 1883 [Ref. 6170], p. 491.

mollis, *Actinia* Couthouy in Dana, 1846

Valid name: ***Discosoma molle* (Couthouy in Dana, 1846)**

Described from x1.

Type specimen: holotype *not found*: French Polynesia [Society Islands], lagoon of Atoll Reao [Clermont Tonnerre] [Natupe] (United States Exploring Expedition ["Wilkes Expedition"])

mollis, *Corynactis* Farquhar, 1898

Valid name: ***Corynactis australis* Haddon & Duerden, 1896**

Described from unspecified number >1.

Type specimens: syntypes *not found*: New Zealand, North Island, near Wellington

***musciiformis*, *Rhodactis* Duchassaing & Michelotti, 1864**

Also in synonymy of ***Lebrunia neglecta* Duchassaing & Michelotti, 1860** [Actiniaria]

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, Virgin Islands, St. Thomas
Synonymy: *Rhodactis musciformis* Duchassaing & Michelotti, 1864 [Ref. 322], p. 38 (original description).
Rhodactis musciformis [no author]: Duchassaing, 1870 [Ref. 1674], p. 20.

mussoides, Platyzoanthus Saville-Kent, 1893

Type species of *Platyzoanthus* by monotypy.
Described from x1.

Type specimen: holotype *not found*: Australia, Queensland, Torres Strait, Thursday Island, Vivien Point
Synonymy: *Platyzoanthus mussoides* Saville-Kent, 1893 [Ref. 440], p. 155 (original description).
Actinotryx mussoides (S.-K.): Haddon, 1898 [Ref. 363], p. 399, 409, 480.
Rhodactis mussoides (Saville Kent, 1893): Carlgren, 1949 [Ref. 31], p. 16.
Platyzoanthus mussoides Saville Kent: den Hartog, 1980 [Ref. 378], p. 39. *nomen dubium*

myrcia, Draytonia Duchassaing & Michelotti, 1864

Valid name: ***Corynactis parvula* Duchassaing & Michelotti, 1860**

Type species of *Draytonia* by monotypy.
Described from unspecified number >1.

Type specimens: syntypes *not found*: Caribbean Sea, Virgin Islands, St. Thomas
Synonymy: *Corynactis parvula* Duchassaing & Michelotti, 1860 [Ref. 323], p. 40–41 (original description)
Draytonia myrcia Duchassaing & Michelotti, 1864 [Ref. 322], p. 30 (original description)
Corynactis Parvula [no author]: Duchassaing, 1870 [Ref. 1674], p. 20.
Draytonia Myrcia [no author]: Duchassaing, 1870 [Ref. 1674], p. 20.
Corynactis myrcia D. & Mich.: Andres, 1883 [Ref. 1670], p. 485

neglecta, Discosoma (Duchassaing & Michelotti, 1860)

Synonymy: *Isaura neglecta* Duchassaing & Michelotti, 1860 [Ref. 323], p. 51 (original description).
Isaura Neglecta [no author]: Duchassaing, 1870 [Ref. 1674], p. 21.
Zoanthus incultus [no author]: Andres, 1883 [Ref. 1670], p. 324, 328–329.
Paradiscosoma neglecta Duch. & Mich.: Carlgren, 1900 [Ref. 195], p. 60 [80].
Paradiscosoma neglectum (Duch. et Mich.): Pax, 1910 [Ref. 407], p. 162, 163, 164, 214–218. *misspelled*
Discosoma neglecta (Duchassaing & Michelotti, 1860): den Hartog, 1980 [Ref. 378], p. 37–38, 48–50, 52, 54–55, 58, 61–66.
[*non*] *Discosoma fowleri* den Hartog, 1980 [Ref. 378], p. 37–40 (original description as *nomen novum*).

neglecta, Isaura Duchassaing & Michelotti, 1860

Valid name: ***Discosoma neglecta* (Duchassaing & Michelotti, 1860)**

Described from unspecified number.
Type specimens: syntypes *not found*: Caribbean Sea, Antilles

neglecta, Phialactis Fowler, 1888

Valid name: ***Discosoma fowleri* den Hartog, 1980**

Type species of *Phialactis* by monotypy
Described from "two broken examples".

Type specimens: BMNH 1894.2.7.1: 2 pieces of syntypes, French Polynesia [Society Islands], Tahiti, Papeete
Comment: den Hartog (1980) considered species to belong to *Discosoma*, which would make it a junior secondary homonym, so created replacement name (International Code of Zoological Nomenclature Article 60).

niwa, Corallimorphus Fautin, 2011

Described from holotype, x13 paratypes.

Type specimens: NIWA 34507: holotype, New Zealand, northern edge of Chatham Rise (*Tangaroa* sta. TAN0705/203); NIWA 12718: 2 paratypes, New Zealand, bank south of Chatham Rise (*Tangaroa* sta. F0128); NIWA 41756: 1 paratype, New Zealand, northern edge of Chatham Rise (*Waipori* sta. Z10906); NIWA 13272: 1 paratype, New Zealand, northern edge of Chatham Rise (sta. F0761); NIWA 14329: 1 paratype, New Zealand, northern edge of Chatham Rise (*Tangaroa*

sta. TAN0208/102); NIWA 14330: 1 paratype, New Zealand, off west coast of Northland (*Waipori* sta. Z11125); NIWA 41750: 3 paratypes, New Zealand, northern edge of Chatham Rise (*Tangaroa* sta. TAN9908/015); KU 003019: 1 paratype, Tasman Sea, off northern South Island (sta. P0941); KU 003021: 2 paratypes, New Zealand, Tasman Sea, off North Island (*Tangaroa* sta. TAN0707/6); KU 003020: 1 paratype, New Zealand, northern edge of Chatham Rise (*Tangaroa* sta. TAN0208/82)

Synonymy: *Corallimorphus niwa* Fautin, 2011 [Ref. 6143], p. 37, 41–45, 47 (original description).

***nummiforme*, *Discosoma* Rüppell & Leuckart, 1828**

Type species of *Discosoma* by monotypy. Type species of *Actinodiscus* by monotypy.

Described from unspecified number >1.

Type specimens: NRS 1156: 1 syntype, Egypt, Red Sea [Mer Rouge], Tor [Tur, El-Tur, El Tûr]; SMF 33: 5 syntypes, Egypt, Red Sea [Mer Rouge], Tor [Tur, El-Tur, El Tûr]

Synonymy: =? *Priapus albus* Forsskål, 1775 [Ref. 86], p. 101 (original description).

Discosoma nummiforme Rüppell & Leuckart, 1828 [Ref. 220], p. 3–4 (original description).

Discosoma nummiforma Rup.: Milne Edwards, 1847 [Ref. 1657], p. 62. *misspelled*

Discostoma nummiforme Leuck.: Verrill, 1869 [Ref. 461] (1870), p. 70 [36]. *misspelled*

Actinodiscus nummiformis (Leuckart in Rüppell 1828): Carlgren, 1949 [Ref. 31], p. 15.

obtectus, *Corallimorphus* Hertwig, 1888

Valid name: ***Corallimorphus rigidus* Moseley, 1877**

Described from x1.

Type specimen: BMNH 1890.7.23.2/3: holotype, 53°55'S, 108°35'E (*Challenger* Expedition 1873-1876 sta. 157)

osculifera, *Actinia* Le Sueur, 1817

Valid name: ***Rhodactis osculifera* (Le Sueur, 1817)**

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, Virgin Islands, Port of St. Thomas

***osculifera*, *Rhodactis* (Le Sueur, 1817)**

Synonymy: *Actinia osculifera* Le Sueur, 1817 [Ref. 128], p. 175–176 (original description).

Actinotryx Sancti Thomae Duchassaing & Michelotti, 1860 [Ref. 323], p. 45 (original description).

Orinia torpida Duchassaing & Michelotti, 1860 [Ref. 323], p. 52–53 (original description).

Actinotryx Sancti-Thomae Duch. et Mich.: Duchassaing & Michelotti, 1864 [Ref. 322], p. 41.

Actinotryx Sancti-Thomæ [no author]: Duchassaing, 1870 [Ref. 1674], p. 21.

Orinia Torpida [no author]: Duchassaing, 1870 [Ref. 1674], p. 21.

Aureliania osculifera Les.: Andres, 1883 [Ref. 6170], p. 497–498.

Actinotryx Sancti Thomae Duch.: Andres, 1883 [Ref. 6170], p. 509–510.

Orinia torpida D. & Mich.: Andres, 1883 [Ref. 6170], p. 570, 572. *incertae sedis*

Rhodactis Sancti Thomae (Duch. and Mich.): McMurrich, 1889 [Ref. 387], p. 42–46.

Rhodactis Sancti-Thomæ (Duch. et Mich.): Haddon & Shackleton, 1893 [Ref. 364], p. 121.

Rhodactis Sancti-Thomae [no author]: Duerden, 1898 [Ref. 692], p. 102–103.

Actinotryx sancti-thomæ [no author]: Duerden, 1902 [Ref. 57], p. 363.

Rhodactis osculifera (Lsr): McMurrich, 1905 [Ref. 393], p. 13.

Actinotryx sancti-thomae (Duch. and Mich.): Verrill, 1907 [Ref. 476], p. 276–279.

Actinotryx Sancti-thomae D. and M.: Stephenson, 1922 [Ref. 451], p. 306.

Actinotryx macropapillata [no author]: Weill, 1929 [Ref. 5098], p. 891. *nomen nudum*

Actinotryx sancti-Thomae [no author]: Carlgren, 1943 [Ref. 305], p. 12.

Rhodactis sancti thomae (Duchassaing and Michelotti, 1860): Carlgren, 1949 [Ref. 31], p. 16.

Rhodactis sanctithomae (Duch. & Mich.): Voss, Bayer, Robins, Gomon, & LaRoe, 1969 [Ref. 5122], p. 63.

Rhodactis sancti-thomae Duchassaing & Michelotti 1860: Riemann-Zürneck, 1972 [Ref. 425], p. 74.

Discosoma sanctithomae (Duchassaing & Michelotti, 1860): den Hartog, 1980 [Ref. 378], p. 37–43, 47–56, 58–60, 62, 75.

Discosoma torpida (Duchassaing and Michelotti, 1861): Seaton, 1981 [Ref. 5115], p. 9, 38, 41, 46–51.

***parvula*, *Corynactis* Duchassaing & Michelotti, 1860**

Described from unspecified number >1.

Type specimens: syntypes *not found*: Caribbean Sea, Virgin Islands, St. Thomas

Synonymy: *Corynactis parvula* Duchassaing & Michelotti, 1860 [Ref. 323], p. 40–41 (original description).

Draytonia myrcia Duchassaing & Michelotti, 1864 [Ref. 322], p. 30 (original description).

Corynactis Parvula [no author]: Duchassaing, 1870 [Ref. 1674], p. 20.

Draytonia Myrcia [no author]: Duchassaing, 1870 [Ref. 1674], p. 20.

Corynactis myrcia D. & Mich.: Andres, 1883 [Ref. 6170], p. 485.

***pilatus*, *Corallimorphus* Fautin, White, & Pearson, 2002**

Described from holotype, x10 paratypes.

Type specimens: RBCM 001-0044-001: holotype, Canada, British Columbia; CAS 152514: 1 paratype, Canada, British Columbia; USNM 100904: 1 paratype, Canada, British Columbia; RBCM 988-258-8: 1 paratype, 48°25.6'N, 126°8.6'W; SBMNH 144409: 2 paratypes, USA, Oregon, Columbia River canyon; SIO Co 2009: 2 paratypes, Mexico, Gulf of California; KU 001392: 1 paratype, USA, California, Monterey Bay; KU 001393: 1 paratype, USA, California, Monterey Bay; KU 001394: 1 paratype, Canada, British Columbia

Synonymy: *Corallimorphus pilatus* Fautin, White, & Pearson, 2002 [Ref. 1507], p. 113, 114, 115, 118–123 (original description).

***profundus*, *Corallimorphus* Moseley, 1877**

Type species of *Corallimorphus* by subsequent designation (Carlgren, 1949).

Described from x2.

Type specimens: BMNH 1889.11.25.4: 1 syntype, 33°42'S, 78°18'W (*Challenger* Expedition 1873-1876 sta. 300); BMNH 1889.11.25.5: 1 syntype, 39°4'S, 105°5'W (*Challenger* Expedition 1873-1876 sta. 293)

Synonymy: *Corallimorphus profundus* Moseley, 1877 [Ref. 166], p. 300–302 (original description).

Corallimorphus antarcticus Carlgren & Stephenson, 1929 [Ref. 211], p. 7–8 (original description).

***rhodostoma*, *Rhodactis* (Hemprich & Ehrenberg in Ehrenberg, 1834)**

Synonymy: *Metridium rhodostomum* Hemprich & Ehrenberg in Ehrenberg, 1834 [Ref. 58], p. 263 (original description).

Rhodactis rhodostoma [no author]: Milne Edwards & Haime, 1851 [Ref. 162], p. 12.

Discosoma rhodostoma (Ehrenberg, 1834): Uchida & Soyama, 2001 [Ref. 1832], p. 112, 150, 153.

rhodostomum, *Metridium* Hemprich & Ehrenberg in Ehrenberg, 1834

Valid name: ***Rhodactis rhodostoma* (Hemprich & Ehrenberg in Ehrenberg, 1834)**

Type species of *Rhodactis* by monotypy.

Described from unspecified number.

Type specimens: syntypes *not found*: Egypt, Red Sea [Mer Rouge], Tor [Tur, El-Tur, El Tûr]

***rigidus*, *Corallimorphus* Moseley, 1877**

Also in synonymy of *Corallimorphus ingens* Gravier, 1918

Described from x1.

Type specimen: BMNH 1889.11.25.1: holotype, Indonesia, Moluccas Islands, between Banda and Amboyna (*Challenger* Expedition 1873-1876 sta. 195)

Synonymy: *Corallimorphus rigidus* Moseley, 1877 [Ref. 166], p. 301–302 (original description).

Corynactis [no author]: Hertwig, 1888 [Ref. 382], p. 10–13.

Corallimorphus obtectus Hertwig, 1888 [Ref. 382], p. 9–10 (original description).

Corynactis Hertwigi [no author]: Haddon, 1898 [Ref. 363], p. 466 (original description).

Isocorallion Hertwigi Carlgren, 1900 [Ref. 195], p. 19–20 [39–40].

Chalmersia Delage & Hérouard, 1901 [Ref. 66], p. 536 (original description).

[*non*] *Corallimorphus rigidus* Moseley: Stephenson, 1920 [Ref. 443], p. 179–185.

Isocorallion hertwigi Carlgr.: Stephenson, 1922 [Ref. 451], p. 302.
Corallimorphus atlanticus Carlgren, 1934 [Ref. 290], p. 7 (original description).
Corallimorphus rigidus [no author]: Carlgren, 1949 [Ref. 31], p. 13. *misspelled*

***rubraoris*, *Discosoma* Saville-Kent, 1893**

Described from unspecified number;

Type specimens: syntypes *not found*: Australia, Queensland, Great Barrier Reef

Synonymy: *Discosoma rubra-oris* Saville-Kent, 1893 [Ref. 440], p. 150–151 (original description).

Actinodiscus rubra-oris (Saville Kent, 1893): Carlgren, 1949 [Ref. 31], p. 15.

Actinodiscus rubraoris (Kent, 1893): Cutress, 1979 [Ref. 42], p. 108.

sanctithomae, *Actinotryx* Duchassaing & Michelotti, 1860

Valid names used: ***Discosoma carlgreni* (Watzl, 1922)**; ***Rhodactis osculifera* (Le Sueur, 1817)**

Type species of *Actinotryx* by monotypy.

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, Virgin Islands, Port of St. Thomas

***sanmatiensis*, *Corynactis* (Zamponi, 1976)**

Synonymy: *Sphincteractis sanmatiensis* Zamponi, 1976 [Ref. 269], p. 128–133 (original description).

Corynactis sanmatiensis (Zamponi, 1976): den Hartog, Ocaña, & Brito, 1993 [Ref. 111], p. 22.

sanmatiensis, *Sphincteractis* Zamponi, 1976

Valid name: ***Corynactis sanmatiensis* (Zamponi, 1976)**

Type species of *Sphincteractis* by original designation.

Described from holotype, x114 paratypes, but only syntypes found.

Type specimens: IBM C.C. 100/1: 114 syntypes, Argentina, Río Negro, San Matías Gulf; MLP 8.504: 4 syntypes, Argentina, Río Negro, San Matías Gulf

***singularis*, *Nectactis* Gravier, 1918**

Type species of *Nectactis* by monotypy

Described from x19.

Type specimens: MOM 13 0023: 5 syntypes, North Atlantic Ocean (Prince Albert I of Monaco Campagne de 1895:

Princesse-Alice et l'*Hirondelle* sta. 749); MOM 13 0135: 10+ specimens found labeled ex sta.

753; 14 syntypes *not found*: North Atlantic Ocean (Prince Albert I of Monaco Campagne de

1896: *Princesse-Alice* et l'*Hirondelle* sta. 752)

Synonymy: *Nectactis singularis* Gravier, 1918 [Ref. 101], p. 18–20 (original description).

stephensoni, *Corallimorphus* Carlgren, 1928

Valid name: ***Corallimorphus ingens* Gravier, 1918**

Comment: Replacement name (International Code of Zoological Nomenclature Article 60) based on two specimens of

Corallimorphus rigidus from the Northeastern Atlantic Ocean, as used by Stephenson (1920) [Ref. 443].

torpida, *Orinia* Duchassaing & Michelotti, 1860

Valid name: ***Rhodactis osculifera* (Le Sueur, 1817)**

Type species of *Orinia* by monotypy.

Described from unspecified number.

Type specimens: NRS 71: wedge of syntype, Caribbean Sea, Virgin Islands, St. Thomas

***unguja*, *Discosoma* Carlgren, 1900**

Described from x35 of two varieties [see below]

Synonymy: *Discosoma Unguja* Carlgren, 1900 [Ref. 195], p. 64–66 [84–86] (original description).

Discosoma Unguja fuscum Carlgren, 1900 [Ref. 195], p. 64–66 [84–86] (original description).

Discosoma Unguja coeruleum Carlgren, 1900 [Ref. 195], p. 64–66 [84–86] (original description).

Discosoma unguja Carlgr.: Stephenson, 1922 [Ref. 451], p. 304.

Actinodiscus Unguja (Carlgren, 1900): Carlgren, 1949 [Ref. 31], p. 15.

Actinodiscus unguja (Carlgren, 1900): Cutress, 1979 [Ref. 42], p. 108.

unguja coeruleum, *Discosoma* Carlgren, 1900

Valid name: ***Discosoma unguja* Carlgren, 1900**

Described from x6.

Type specimens: NRS 58: 1 syntype, East Africa, Tanzania, Zanzibar, Kokotoni, reef south of Puopo Island; ZMH C2623: 3-4 syntypes, East Africa, Tanzania, Zanzibar, Kokotoni, reef south of Puopo Island

unguja fuscum, *Discosoma* Carlgren, 1900

Valid name: ***Discosoma unguja* Carlgren, 1900**

Described from x29.

Type specimens: NRS 4860: 5 syntypes, East Africa, Tanzania, Zanzibar, Kokotoni, reef south of Puopo Island; ZMH C2586: 22 syntypes, East Africa, Tanzania, Zanzibar, Kokotoni, reef south of Puopo Island

variabilis, *Anemonia* McMurrich, 1893

Valid name: ***Corynactis carnea* Studer, 1879**

Described from "numerous specimens" ("Nos. 694, 1362")

Type specimens: USNM 17778: >200 syntypes, Argentina, Gulf of San Matias, off Peninsula Valdes (U.S. Fish Commission Steamer *Albatross* 1888 sta. 2768)

viridescens, *Actinia* Quoy & Gaimard, 1833

Valid name: ***Discosoma viridescens* (Quoy & Gaimard, 1833)**

Described from unspecified number

Type specimens: syntypes *not found*: Solomon Islands, Santa Cruz Islands, Vanikoro

***viridescens*, *Discosoma* (Quoy & Gaimard, 1833)**

Synonymy: *Actinia viridescens* Quoy et Gaimard: de Blainville, 1830 [Ref. 94], p. 293. *Nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 12.1.

Actinia viridescens Quoy & Gaimard, 1833 [Ref. 194], p. 158–159 (original description).

Actinia virescens Quoy et Gaim.: Deshayes & Milne Edwards, 1840 [Ref. 68], p. 422. *misspelled*

Discosoma viridescens [no author]: Milne Edwards, 1857 [Ref. 508], p. 256.

Uncertain genus *viridescens* Q. & Gaim.: Andres, 1883 [Ref. 6170], p. 582–583.

***viridis*, *Corynactis* Allman, 1846**

Type species of *Corynactis* by monotypy.

Described from unspecified number.

Type specimens: syntypes *not found*: Ireland, County Cork, Crookhaven; syntypes *not found*: UK, England, Cornwall

Synonymy: *Corynactis viridis* Allman, 1846 [Ref. 686], p. 417–419 (original description).

Corynactis viridis var. *B* Cocks: Cocks, 1851 [Ref. 36], p. 4.

Corynactis Allmani Thompson in Cocks, 1851 [Ref. 36], p. 4 (original description).

Corynactis viridis var. Peach: Cocks, 1851 [Ref. 36], p. 3.

Corynactis Allmannii [no author]: Thompson, 1853 [Ref. 251], p. 108. *misspelled*

Corynactis Allmanni [no author]: Gosse, 1853 [Ref. 1241], p. 423–430, 435. *misspelled*

Corynactis mediterranea Sars, 1857 [Ref. 772], p. 22–28 (original description).

Corynactis viridis Chrysochlorina Gosse: Jourdan, 1880 [Ref. 119], p. 31.

Corynactis viridis hyalocera Fischer: Fischer, 1887 [Ref. 80], p. 403.

Corynactis viridis tephрина Gosse: Fischer, 1887 [Ref. 80], p. 403.

Corynactis viridis smaragdina Gosse: Fischer, 1887 [Ref. 80], p. 403.

yuma, *Discosoma* Carlgren, 1900

Valid name: ***Ricordea yuma* (Carlgren, 1900)**

Described from x3.

Type specimens: NRS 53: wedge of syntype, East Africa, Tanzania, Zanzibar, Kokotoni, Tumbatu Reef; ZMH C2624: 2 syntypes, East Africa, Tanzania, Zanzibar, Kokotoni, Tumbatu Reef

yuma, *Ricordea* (Carlgren, 1900)

Synonymy: *Discosoma Yuma* Carlgren, 1900 [Ref. 195], p. 63–64 [83–84] (original description).

Discosoma yuma Carlgr.: Stephenson, 1922 [Ref. 451], p. 304.

Actinodiscus Yuma (Carlgren, 1900): Carlgren, 1949 [Ref. 31], p. 15.

Actinodiscus yuma (Carlgren, 1900): Cutress, 1979 [Ref. 42], p. 108.

Ricordea yuma [no author]: den Hartog, 1980 [Ref. 378], p. 26.

ACTINIARIA

FAMILIES

Acontiophoridae Carlgren, 1938 [Ref. 283], p. 65

Type genus: *Acontiophorum* Carlgren, 1938 [Ref. 283]

Other valid genera: *Mimetridium* Hand, 1961; *Ramirezia* Zamponi, 1980

Acremodactylidae Kwietniewski, 1897 [Ref. 400], p. 18–19

Type genus: *Acremodactyla* Kwietniewski, 1897 [Ref. 400]

Actinernidae Stephenson, 1922 [Ref. 451], p. 258

Type genus: *Actinernus* Verrill, 1879 [Ref. 465]

Other valid genera: *Isactinernus* Carlgren, 1918; *Synactinernus* Carlgren, 1918; *Synhalcurias* Carlgren, 1914

Actiniidae Rafinesque, 1815 [Ref. 786], p. 155

Alternative renderings: Actiniadæ, Actinidae, Actinidia, Actiniidæ

Type genus: *Actinia* Linnaeus, 1767 [Ref. 130]

Other valid genera: *Actinopsis* Danielssen & Koren, 1856; *Actinostella* Duchassaing, 1850; *Anemonia* Risso, 1826; *Anthopleura* Duchassaing & Michelotti, 1860; *Anthostella* Carlgren, 1938; *Aulactinia* Agassiz in Verrill, 1864; *Bolocera* Gosse, 1860; *Boloceropsis* McMurrich, 1904; *Bunodosoma* Verrill, 1899; *Cancrisocia* Stimpson, 1856; *Cladactella* Verrill, 1928; *Condylactis* Duchassaing & Michelotti, 1864; *Cribrinopsis* Carlgren, 1921; *Dofleinia* Wassilieff, 1908; *Entacmaea* Ehrenberg, 1834; *Epiactis* Verrill, 1869; *Glyphoperidium* Roule, 1909; *Gyractis* Boveri, 1893; *Isactinia* Carlgren, 1900; *Isanemonia* Carlgren, 1950; *Isantheopsis* Carlgren, 1942; *Isoaulactinia* Belém, Herrera Moreno, & Schlenz, 1996; *Isosicyonis* Carlgren, 1927; *Isotealia* Carlgren, 1899; *Korsaranthus* Riemann-Zürneck & Griffiths, 1999; *Leipsiceras* Stephenson, 1918; *Mesactinia* England, 1987; *Myonanthus* McMurrich, 1893; *Neocondylactis* England, 1987; *Neoparacondylactis* Zamponi, 1974; *Onubactis* López-González, den Hartog, & García-Gómez, 1995; *Oulactis* Milne Edwards & Haime, 1851; *Parabunodactis* Carlgren, 1928; *Paracondylactis* Carlgren, 1934; *Paranemonia* Carlgren, 1900; *Parantheopsis* McMurrich, 1904; *Paratealia* Mathew & Kurian, 1979; *Phialoba* Carlgren, 1951; *Phlyctenactis* Stuckey, 1909; *Phlyctenanthus* Carlgren, 1950; *Phyllactis* Milne Edwards & Haime, 1851; *Phymactis* Milne Edwards, 1857; *Phymanthea* Carlgren, 1959; *Pseudactinia* Carlgren, 1928; *Spheractis* England, 1992; *Stylobates* Dall, 1903; *Synantheopsis* England, 1992; *Tealanthus* Carlgren, 1927; *Urticina* Ehrenberg, 1834; *Urticinopsis* Carlgren, 1927

Comments: Gosse (1860) [Ref. 356] often credited with authorship of family, which he rendered Actiniadæ. Family Actinidia actually created by Rafinesque (1815); under International Code of Zoological Nomenclature Article 29, it should be rendered Actiniidae (see also Article 11.7.1.3).

Actinodendridae Haddon, 1898 [Ref. 363], p. 488

Alternative renderings: Actinodendridæ, Actinodendronidae

Type genus: *Actinodendron* de Blainville, 1834 [Ref. 64]

Other valid genera: *Actinostephanus* Kwietniewski, 1897; *Megalactis* Hemprich & Ehrenberg in Ehrenberg, 1834

Actinoscyphiidae Stephenson, 1920 [Ref. 449], p. 478–479

Alternative rendering: Actinoscyphiidæ

Type genus: *Actinoscyphia* Stephenson, 1920 [Ref. 449]

Other valid genera: *Alvinactis* Rodríguez, Castorani, & Daly, 2008; *Cyananthea* Doumenc & Van-Praët, 1988; *Epiparactis* Carlgren, 1921; *Maractis* Fautin & Barber, 1999; *Marianactis* Fautin & Hessler, 1989; *Pacmanactis* López-González, Rodríguez, & Segonzac, 2005; *Paranthosactis* López-González Rodríguez, Gili & Segonzac, 2003

Actinostellidae Carlgren, 1924 [Ref. 209], p. 15

Type genus: *Actinostella* Duchassaing, 1850 [Ref. 70]

Comment: Proposed provisionally by Carlgren (1924) as substitute for Phyllactiidae in case *Phyllactis* were synonymous with *Actinostella*.

Actinostolidae Carlgren, 1932 [Ref. 288], p. 261

Type genus: *Actinostola* Verrill, 1883 [Ref. 467]

Other valid genera: *Antholoba* Hertwig, 1882; *Anthosactis* Danielssen, 1890; *Antiparactis* Verrill, 1899; *Bathydactylus* Carlgren, 1928; *Cnidanthus* Carlgren, 1927; *Glandulactis* Riemann-Zürneck, 1978; *Hadalanthus* Carlgren, 1956; *Hormosoma* Stephenson, 1918; *Ophiodiscus* Hertwig, 1882; *Paranthus* Andres, 1883; *Parasicyonis* Carlgren, 1921; *Pseudoparactis* Stephenson, 1920; *Pycnanthus* McMurrich, 1893; *Sicyonis* Hertwig, 1882; *Stomphia* Gosse, 1859; *Synsicyonis* Carlgren, 1921; *Tealidium* Hertwig, 1882

Adamsidae Andres, 1881 [Ref. 4], p. 319

Type genus: *Adamsia* Forbes, 1840 [Ref. 84]

Aegiridae Danielssen, 1887 [Ref. 583], p. 3

Alternative rendering: Ægiridæ

Type genus: *Aegir* Danielssen, 1887 [Ref. 583]

Aiptasiidae Carlgren, 1924 [Ref. 208], p. 237

Type genus: *Aiptasia* Gosse, 1858 [Ref. 96]

Other valid genera: *Aiptasiogeton* Schmidt, 1972; *Bartholomea* Duchassaing & Michelotti, 1864; *Neoaiptasia* Parulekar, 1969; *Paraipptasia* England, 1992

Aiptasiomorphidae Carlgren, 1949 [Ref. 31], p. 108

Type genus: *Aiptasiomorpha* Stephenson, 1920 [Ref. 449]

Other valid genera: none

Aliciidae Duerden, 1895 [Ref. 540], p. 215

Alternative rendering: Aliciidæ

Type genus: *Alicia* Johnson, 1861 [Ref. 118]

Other valid genera: *Lebrunia* Duchassaing & Michelotti, 1860; *Phyllodiscus* Kwietniewski, 1897; *Triactis* Klunzinger, 1877

Amphianthidae Hertwig, 1882 [Ref. 379], p. 76–77

Type genus: *Amphianthus* Hertwig, 1882 [Ref. 379]

Andresiidae Stephenson, 1922 [Ref. 451], p. 264–265

Type genus: *Andresia* Stephenson, 1921 [Ref. 450]

Other valid genera: none

Andvakiidae Danielssen, 1890 [Ref. 321], p. 86

Alternative renderings: Andvakiadæ, Andwakiidae

Type genus: *Andvakia* Danielssen, 1890 [Ref. 321]

Other valid genera: *Ilyactis* Andres, 1881; *Synandwakia* Carlgren, 1947

Antheidae Gosse, 1860 [Ref. 356], p. 148–150

Alternative rendering: Antheadæ

Type genus: *Anthea* Johnston, 1838 [Ref. 634]

Antheomorphidae Hertwig, 1882 [Ref. 379], p. 25–26

Type genus: *Antheomorpha* Hertwig, 1882 [Ref. 379]

Other valid genera: none

Antipodactinidae Rodríguez, López-González, & Daly, 2009 [Ref. 6023], p. 703–705

Alternative rendering: Antipodactidae

Type genus: *Antipodactis* Rodríguez, López-González, & Daly, 2009 [Ref. 6023]

Other valid genera: none

Aurelianiidae Andres, 1883 [Ref. 6170], p. 480, 495

Alternative renderings: Aurelinidæ, Aurelianidae

Type genus: *Aureliania* Gosse, 1860 [Ref. 356]

Bathypheiliidae Carlgren, 1932 [Ref. 288], p. 262

Alternative rendering: Bathypheiliidae

Type genus: *Bathypheilia* Carlgren, 1932 [Ref. 288]

Other valid genera: *Acontiactis* England, 1990; *Daontesia* Carlgren, 1942; *Phelliogeton* Carlgren, 1927

Boloceroiidae Carlgren, 1924 [Ref. 209], p. 17

Type genus: *Boloceroides* Carlgren, 1899 [Ref. 149]

Other valid genera: *Boloceractis* Panikkar, 1937; *Bunodeopsis* Andres, 1881

Bunodactinidae Verrill, 1899 [Ref. 470], p. 42

Alternative rendering: Bunodactidae

Type genus: *Bunodactis* Verrill, 1899 [Ref. 470]

Bunodidae Gosse, 1858 [Ref. 96], p. 417

Alternative rendering: Bunodidæ

Type genus: *Bunodes* Gosse, 1855 [Ref. 95]

Capneidae Gosse, 1860 [Ref. 356], p. 278

Alternative rendering: Capneadæ

Type genus: *Capnea* Forbes, 1841 [Ref. 85]

Other valid genera: *Actinoporus* Duchassaing, 1850

Cereactinidae Andres, 1881 [Ref. 4], p. 319

Alternative rendering: Cereactidae

Type genus: *Cereactis* Andres, 1881 [Ref. 4]

Condylanthidae Stephenson, 1922 [Ref. 451], p. 262

Type genus: *Condylanthus* Carlgren, 1899 [Ref. 148]

Other valid genera: *Charisea* Torrey, 1902; *Cadetactis* new genus herein; *Riactis* new genus herein; *Pseudhormathia* Carlgren, 1943; *Segonzactis* Riemann-Zürneck, 1979

Crambactinidae Andres, 1883 [Ref. 6170], p. 480, 508

Alternative rendering: Crambactidae

Type genus: *Crambactis* Haeckel, 1876 [Ref. 104]

Cribrinidae McMurrich, 1901 [Ref. 389], p. 14

Alternative rendering: Cribrinidæ

Type genus: *Cribrina* Ehrenberg, 1834 [Ref. 58]

Cryptodendridae Andres, 1883 [Ref. 6170], p. 480, 510–511

Alternative rendering: Criptodendridae

Type genus: *Cryptodendrum* Klunzinger, 1877 [Ref. 121]

Diadumenidae Stephenson, 1920 [Ref. 449], p. 520

Type genus: *Diadumene* Stephenson, 1920 [Ref. 449]

Other valid genera: none

Dimyactinidae Pax, 1922 [Ref. 413], p. 87

Alternative rendering: Dimyactidae

Type genus: *Dimyactis* Pax, 1922 [Ref. 413]

Edwardsiidae Andres, 1881 [Ref. 4], p. 333

Alternative renderings: Edwardsidae, Edwardsiidae

Type genus: *Edwardsia* de Quatrefages, 1842 [Ref. 193]

Other valid genera: *Drillactis* Verrill, 1922; *Edwardsianthus* England, 1987; *Edwardsiella* Andres, 1883; *Halcampogeton* Carlgren, 1937; *Isoedwardsia* Carlgren, 1921; *Metedwardsia* Carlgren, 1947; *Nematostella* Stephenson, 1935; *Paraedwardsia* Carlgren in Nordgaard, 1905; *Scolanthus* Gosse, 1853; *Synhalcampella* Carlgren, 1921

Endocoelactinidae unavailable

Because *Endocoelactis*, genus name assigned by Carlgren (1897) [Ref. 589] in combination with this family name, unavailable (International Code of Zoological Nomenclature Article 11.7.1.1).

Alternative renderings: Endocoelactidae, Endocoelactiidae

Exocoelactinidae Carlgren, 1925 [Ref. 202], p. 91

Alternative rendering: Exocoelactiidae

Type genus: *Exocoelactis* Carlgren, 1925 [Ref. 202]

Other valid genera: none

Flosmarinidae Stephenson, 1920 [Ref. 449], p. 486

Type genus: *Flosmaris* Stephenson, 1920 [Ref. 449]

Galatheanthemidae Carlgren, 1956 [Ref. 310], p. 10

Type genus: *Galatheanthemum* Carlgren, 1956 [Ref. 310]

Other valid genera: none

Gonactiniidae Carlgren, 1893 [Ref. 145], p. 24

Alternative renderings: Gonactinidae, Gonactinidæ, Gonactiniidæ

Type genus: *Gonactinia* Sars, 1851 [Ref. 644]

Other valid genera: *Protanthea* Carlgren, 1891

Gyrostomidae Kwietniewski, 1898 [Ref. 125], p. 424

Type genus: *Gyrostoma* Kwietniewski, 1897 [Ref. 400]

Halcampactiidae unavailable

Farquar (1898) [Ref. 75] did not create a family for new genus *Halcampactis* but remarked it is intermediate between two families. In creating Haliactiidae, Carlgren (1949: 36) [Ref. 31] stated “I prefer to use Haliactiidae instead of Halcampactiidae as the genus *Halcampactis* is imperfectly known.”

Halcampidae Andres, 1883 [Ref. 6170], p. 311, 312–313

Type genus: *Halcampa* Gosse, 1858 [Ref. 96]

Other valid genera: *Cactosoma* Danielssen, 1890; *Halcampaster* Carlgren, 1938; *Halianthella* Kwietniewski, 1896; *Kodioides* Danielssen, 1890; *Mena* Stephenson, 1920; *Neohalcampa* Sanamyan, 2001; *Parahalcampa* Carlgren, 1927

Comment: Originally described as subfamily of family Actininae.

Halcampoididae Appellöf, 1896 [Ref. 602], p. 13

Type genus: *Halcampoides* Danielssen, 1890 [Ref. 321]

Other valid genera: *Achelmis* Lütken, 1875; *Calamactinia* Carlgren, 1949; *Calamactis* Carlgren, 1951; *Halcampella* Andres, 1883; *Pentactinia* Carlgren, 1900; *Scytophorus* Hertwig, 1882; *Siphonactinopsis* Carlgren, 1921

Halcampomorphidae Carlgren, 1893 [Ref. 145], p. 38

Type genus: *Halcampomorpha* Carlgren, 1893 [Ref. 145]

Comment: Originally described as subfamily of family Ilyanthidae.

Halcuriidae Carlgren, 1918 [Ref. 158], p. 24–25

Type genus: *Halcurias* McMurrich, 1893 [Ref. 386]

Other valid genera: *Carlgenia* Stephenson, 1918

Haliactinidae Carlgren, 1949 [Ref. 31], p. 36

Alternative rendering: Haliactiidae

Type genus: *Haliactis* Carlgren, 1921 [Ref. 196]

Other valid genera: *Halcampactis* Farquhar, 1898; *Pelocoetes* Annandale, 1915; *Phytocoeteopsis* Panikkar, 1936; *Phytocoetes* Annandale, 1915; *Stephensonactis* Panikkar, 1936

Haliplanellidae Hand, 1956 [Ref. 372], p. 210

Type genus: *Haliplanella* Hand, 1956 [Ref. 372]

Valid genera: *Tricnidactis* de Oliveira Pires, 1987

Comments: *Haliplanella* a junior objective synonym of *Jancis*. “When the name of a type genus of a nominal family-group taxon is considered to be a junior synonym of the name of another nominal genus, the family-group name is not to be replaced on that account alone” (International Code of Zoological Nomenclature Article 40.1).

Haloclavidae Verrill, 1899 [Ref. 470], p. 41

Type genus: *Haloclava* Verrill, 1899 [Ref. 470]

Other valid genera: *Anemonactis* Andres, 1881; *Harenactis* Torrey, 1902; *Ilyanthus* Forbes, 1840; *Mesacmaea* Andres, 1883; *Metapeachia* Carlgren, 1943; *Peachia* Gosse, 1855; *Philomedusa* Müller, 1860; *Stephanthus* Rodríguez & López-González, 2003; *Synpeachia* Yap, Fautin, Ramos, & Tan, 2014

Heteractinidae Andres, 1883 [Ref. 6170], p. 311, 463–464

Alternative renderings: Heteractidae, Heteractinidæ

Type genus: *Heteractis* Milne Edwards & Haime, 1851 [Ref. 162]

Heterodactylidae Verrill, 1869 [Ref. 458], p. 461

Type genus: *Heterodactyla* Hemprich & Ehrenberg in Ehrenberg, 1834 [Ref. 58]

Comment: Originally described as subfamily of family Thalassianthidae.

Homostichanthidae Carlgren, 1900 [Ref. 195], p. 118–119 [138–139]

Type genus: *Homostichanthus* Duerden, 1900 [Ref. 324]

Other valid genera: none

Hormathiidae Carlgren, 1932 [Ref. 288], p. 262

Type genus: *Hormathia* Gosse, 1859 [Ref. 98]

Other valid genera: *Actinauge* Verrill, 1883; *Adamsia* Forbes, 1840; *Allantactis* Danielssen, 1890; *Amphianthus* Hertwig, 1882; *Calliactis* Verrill, 1869; *Cataphellia* Stephenson, 1929; *Chondrophellia* Carlgren, 1925; *Gliactis* Gravier, 1918; *Haddonactis* new genus herein; *Handactis* new genus herein; *Hormathianthus* Carlgren, 1943; *Monactis* Riemann-Zürneck, 1986; *Paracalliactis* Carlgren, 1928; *Paraphelliactis* Carlgren, 1928; *Phelliactis* Simon, 1892; *Stephanauge* Verrill, 1899

Comment: England (1987) [Ref. 63] discussed history of the family.

Ilyanthidae Gosse, 1858 [Ref. 96], p. 417

Alternative rendering: Ilyanthidæ

Type genus: *Ilyanthus* Forbes, 1840 [Ref. 84]

Comments: Family name based on genus *Ilyanthus*, a common spelling of *Iluanthos*. *Ilyanthus* herein "deemed to be a correct original spelling" because it "is in prevailing usage and is attributed to the publication of the original spelling" (International Code of Zoological Nomenclature Article 33.3.1).

Iosactinidae Riemann-Zürneck, 1997 [Ref. 651], p. 1012

Alternative rendering: Iosactiidae

Type genus: *Iosactis* Riemann-Zürneck, 1997 [Ref. 651]

Other valid genera: none

Isanthidae Carlgren, 1938 [Ref. 283], p. 59

Type genus: *Isanthus* Carlgren, 1938 [Ref. 283]

Other valid genera: *Austroneophellia* Zamponi, 1978; *Cnidanthea* Carlgren, 1959; *Eltaninactis* Dunn, 1983; *Isoparactis* Stephenson, 1920; *Paraisanthus* Sanamyan & Sanamyan, 1998; *Zaolutus* Hand, 1955

Isophelliidae Stephenson, 1935 [Ref. 505], p. 183

Type genus: *Isophellia* Carlgren, 1900 [Ref. 195]

Other valid genera: *Epiphellia* Carlgren, 1950; *Euphellia* Pax, 1908; *Flosmaris* Stephenson, 1920; *Gymnophellia* England, 1992; *Litophellia* Carlgren, 1938; *Telmatactis* Gravier, 1916

Kadosactinidae Riemann-Zürneck, 1991 [Ref. 434], p. 191–192

Alternative renderings: Kadosactidae, Kadosactiidae

Type genus: *Kadosactis* Danielssen, 1890 [Ref. 321]

Other valid genera: *Seepactis* Sanamyan & Sanamyan, 2007

Limnactiniidae Carlgren, 1921 [Ref. 196], p. 75

Type genus: *Limnactinia* Carlgren, 1921 [Ref. 196]

Other valid genera: none

Liponematidae Hertwig, 1882 [Ref. 379], p. 55

Alternative rendering: Liponemidae

Type genus: *Liponema* Hertwig, 1882 [Ref. 382]

Other valid genera: *Aulorchis* Hertwig, 1888

Madoniactinidae Danielssen, 1890 [Ref. 321], p. 47

Alternative renderings: Madoniactidae, Madoniactidæ

Type genus: *Madoniactis* Danielssen, 1890 [Ref. 321]

Mesacmaeidae Andres, 1883 [Ref. 6170], p. 311, 462

Type genus: *Mesacmaea* Andres, 1883 [Ref. 6170]

Metridiidae Carlgren, 1893 [Ref. 145], p. 101

Alternative renderings: Metridiadae, Metridiadae

Type genus: *Metridium* de Blainville, 1824 [Ref. 1326]

Other valid genera: *Paraisometridium* Zamponi, 1978

Comments: Carlgren (1893) credited authorship of genus to Oken. Oken (1815) [Ref. 718] rejected for nomenclatorial purposes in Opinion 417 of the International Commission on Zoological Nomenclature (Bulletin of Zoological Nomenclature 14[1]:3–6; September 1956) because he did not apply principles of binominal nomenclature. Dunn & Hulsemann (1979) [Ref. 338] appealed to resolve homonymy of name. Rendering of the actinarian

family as Metridiidae affirmed in Opinion 1269 of the International Commission on Zoological Nomenclature (Bulletin of Zoological Nomenclature 41[1]:19–21; March 1984), which credited authorship of family to Carlgren, 1893, on List of Family-Group Names in Zoology despite comment from Williams (1981) [Ref. 488] that it originated with Gosse (1858) [Ref. 357].

Milneedwardsiidae Carlgren, 1892 [Ref. 550], p. 455–456

Alternative renderings: Milne-Edwardsidae, Milne-Edwardsidæ, Milne-Edwardsiidae, Milneedwardsidae

Type genus: *Milneedwardsia* Carlgren, 1892 [Ref. 550]

Comment: Carlgren (1893) labeled this a new family but he had described it in 1892.

Minyadidae Milne Edwards, 1857 [Ref. 508], p. 227

Alternative rendering: Minyadidæ

Type genus: *Minyas* Cuvier, 1817 [Ref. 1392]

Valid genera: *Actinecta* de Blainville, 1830; *Oceanactis* Moseley, 1877

Comment: *Minyas* a junior objective synonym of *Actinecta*. “When the name of a type genus of a nominal family-group taxon is considered to be a junior synonym of the name of another nominal genus, the family-group name is not to be replaced on that account alone” (International Code of Zoological Nomenclature Article 40.1).

Monaulidae unavailable

Hertwig (1882) [Ref. 379] did not form name from the stem of an available generic name (International Code of Zoological Nomenclature Article 11.7.1): genus *Scytophorus* only member of nominal family.

Nemanthidae Carlgren, 1940 [Ref. 297], p. 212

Type genus: *Nemanthus* Carlgren, 1940 [Ref. 297]

Other valid genera: none

Nevadneidae Carlgren, 1925 [Ref. 204], p. 3

Type genus: *Nevadne* Stephenson, 1922 [Ref. 451]

Other valid genera: none

Octineonidae Fowler, 1894 [Ref. 89], p. 469

Type genus: *Octineon* Moseley in Fowler, 1894 [Ref. 89]

Other valid genera: none

Oractinidae Riemann-Zürneck, 2000 [Ref. 1337], p. 604, 607–608

Alternative rendering: Oractiidae

Type genus: *Oractis* McMurrich, 1893 [Ref. 386]

Comment: Sanamyan (2003) moved *Oractis diomedea*, type species of genus, to *Oceanactis*, which is senior, but placed it in Oractiidae, contravening International Code of Zoological Nomenclature Articles 29 and 63.

Paractinidae Andres, 1883 [Ref. 6170], p. 311, 471–472

Alternative renderings: Paractidae, Paractidæ

Type genus: *Paractis* Milne Edwards & Haime, 1851 [Ref. 162]

Phelliidae Verrill, 1868 [Ref. 460], p. 324

Alternative rendering: Phellidae

Type genus: *Phellia* Gosse, 1858 [Ref. 97]

Comment: Originally described as subfamily of family Actinidæ.

Phyllactinidae Milne Edwards, 1857 [Ref. 508], p. 291

Alternative renderings: Phyllactidae, Phyllactidæ

Type genus: *Phyllactis* Milne Edwards & Haime, 1851 [Ref. 162]

Phymanthidae Andres, 1883 [Ref. 6170], p. 480, 500

Alternative renderings: Phymanthidæ, Phymantidae

Type genus: *Phymanthus* Milne Edwards & Haime, 1851 [Ref. 162]

Other valid genera: *Heteranthus* Klunzinger, 1877

Polyopidae Hertwig, 1882 [Ref. 379], p. 89

Type genus: *Polyopis* Hertwig, 1882 [Ref. 379]

Other valid genera: *Amphiactis* Verrill, 1869

Preactiniidae England in England & Robson, 1984 [Ref. 61], p. 315

Alternative renderings: Preactiidae, Preactinidae

Type genus: *Preactis* England in England & Robson, 1984 [Ref. 61]

Other valid genera: *Dactylanthus* Carlgren, 1911

Ptychodactiidae Appellöf, 1893 [Ref. 558], p. 15

Alternative rendering: Ptychodactidae

Type genus: *Ptychodactis* Appellöf, 1893 [Ref. 558]

Other valid genera: none

Relicanthidae Rodríguez & Daly in Rodríguez , Barbeitos, Brugler, Crowley, Grajales, Gusmão, Häussermann, Reft, & Daly, 2014 [Ref. 6244], p. 7

Type genus: *Relicanthus* Rodríguez & Daly in Rodríguez , Barbeitos, Brugler, Crowley, Grajales, Gusmão, Häussermann, Reft, & Daly, 2014 [Ref. 6244]

Other valid genera: none

Sagartiidae Gosse, 1858 [Ref. 96], p. 415

Alternative renderings: Sagartiadæ, Sagartidae, Sagartidæ, Sagartiidæ

Type genus: *Sagartia* Gosse, 1855 [Ref. 95]

Comment: Genus *Sagartia* invalid, so family name Sagartiidae invalid. Valid genera that had been considered to belong to Sagartiidae currently *incertae sedis*.

Sagartiomorphidae Carlgren, 1934 [Ref. 292], p. 34

Type genus: *Sagartiomorphe* Kwietniewski, 1898 [Ref. 125]

Other valid genera: none

Sarcophinanthidae Andres, 1883 [Ref. 6170], p. 513, 518

Alternative renderings: Sarcophianthidae, Sarcophiantidae

Type genus: *Sarcophinanthus* Lesson, 1830 [Ref. 123]

Other valid genera: none

Sicyonidae Hertwig, 1882 [Ref. 379], p. 86

Type genus: *Sicyonis* Hertwig, 1882 [Ref. 379]

Sicyopidae Gravier, 1918 [Ref. 101], p. 21

Alternative rendering: Sicyopidæ

Type genus: *Sicyopus* Gravier, 1918 [Ref. 101]

Siphonactinidae Andres, 1883 [Ref. 6170], p. 311, 319

Type genus: *Siphonactinia* Danielssen & Koren, 1856 [Ref. 581]

Stichodactylidae Andres, 1883 [Ref. 6170], p. 300, 480

Type genus: *Stichodactyla* Brandt, 1835 [Ref. 65]

Other valid genera: *Heteractis* Milne Edwards & Haime, 1851

Comment: Originally proposed as a family spelled Stichodactylinae.

Stoichactinidae Carlgren, 1900 [Ref. 195], p. 72–73 [92–93]

Alternative rendering: Stoichactiidae

Type genus: *Stoichactis* Haddon, 1898 [Ref. 363]

Tealidae Hertwig, 1882 [Ref. 379], p. 29–30

Type genus: *Tealia* Gosse, 1858 [Ref. 96]

Thalassianthidae Milne Edwards & Haime, 1851 [Ref. 162], p. 10

Alternative rendering: Thalassianthidæ

Type genus: ***Thalassianthus* Rüppell & Leuckart, 1828** [Ref. 220]

Other valid genera: *Actinaria* de Blainville, 1830; *Cryptodendrum* Klunzinger, 1877; *Heterodactyla* Hemprich & Ehrenberg in Ehrenberg, 1834

Comment: Described as subfamily of family Actinidæ.

Incertae sedis

Actinodactylus Duchassaing, 1850; *Actinothoe* Fischer, 1889; *Anthothoe* Carlgren, 1938; *Artemidactis* Stephenson, 1918; *Bellactis* Dube, 1983; *Botryon* Carlgren & Hedgpeth, 1952; *Carcinactis* Uchida, 1960; *Cereus* Ilmoni, 1830; *Chermadion* Pax, 1924; *Cystiactis* Milne Edwards, 1857; *Echinactis* Milne Edwards & Haime, 1851; *Englandactis* new genus herein; *Eumenides* Lesson, 1830; *Gregoria* Gosse, 1860; *Habrosanthus* Cutress, 1961; *Kalliphobe* Busch, 1851; *Nemactis* Milne Edwards, 1857; *Octophellia* Andres, 1883; *Paractinia* Andres, 1883; *Paractis* Milne Edwards & Haime, 1851; *Peronanthus* Hiles, 1899; *Petalactis* Andres, 1883; *Phellia* Gosse, 1858; *Physactis* Verrill, 1869; *Ragactis* Andres, 1883; *Robsonactis* new genus herein; *Sagartianthus* Carlgren, 1943; *Sagartiogeton* Carlgren, 1924; *Spyractis* Andres, 1883; *Taractostephanus* Brandt, 1835; *Thelectis* Klunzinger, 1877; *Verrillactis* England, 1971; *Viatrix* Duchassaing & Michelotti, 1860; *Williamsactis* new genus herein.

GENERA

Aceractis Andres, 1883 [Ref. 6170], p. 571–572

Gender: Feminine

Type species: *Actinia primula* Drayton in Dana, 1846 [Ref. 318] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line).

Acerominyas Andres, 1883 [Ref. 6170], p. 562–563

Gender: Masculine

Type species: *Actinia viridula* Quoy & Gaimard, 1833 [Ref. 194] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1939) [Ref. 595].

***Acontiactis* England, 1990** [Ref. 72], p. 150

Gender: Feminine

Type species: ***Acontiactis gokhaleae* England, 1990** [Ref. 72] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913]; England (1990) stated it was by monotypy.

Originally included one species.

Valid species: ***Acontiactis gokhaleae* England, 1990**

Comment: Authorship in agreement with Edwards *et al.* (1996) [Ref. 1344].

Family: **Bathypheiliidae Carlgren, 1932** [Ref. 288]

***Acontiophorum* Carlgren, 1938** [Ref. 283], p. 65

Gender: Neuter

Type species: ***Acontiophorum mortenseni* Carlgren, 1938** [Ref. 283] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Acontiophorum bombayense* Parulekar, 1968; *Acontiophorum mortenseni* Carlgren, 1938; *Acontiophorum niveum* Fautin, Eppard, & Mead, 1988**

Comment: Authorship in agreement with Neave (1950) [Ref. 598] and with Carlgren (1949) [Ref. 31].

Type genus of **Acontiophoridae Carlgren, 1938** [Ref. 283]

***Acraspedanthus* Carlgren, 1924** [Ref. 208], p. 224

Gender: Masculine

Type species: ***Acraspedanthus elongatus* Carlgren, 1924** [Ref. 208] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1939) [Ref. 595] and with Carlgren (1949) [Ref. 31].

***Acremodactyla* Kwietniewski, 1897** [Ref. 400], p. 19

Gender: Feminine

Type species: ***Acremodactyla ambonensis* Kwietniewski, 1897** [Ref. 400] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1939) [Ref. 595].

Type genus of Acremodactylidae Kwietniewski, 1897 [Ref. 400]

***Acthelmis* Lütken, 1875** [Ref. 1452], p. 186

Gender: Feminine

Type species: ***Actinia intestinalis* Fabricius, 1780** [Ref. 638] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Acthelmis intestinalis* (Fabricius, 1780)**

Comment: Authorship in agreement with Neave (1939) [Ref. 595] and with Carlgren (1949) [Ref. 31].

Family: **Halcampoididae Appellöf, 1896** [Ref. 602]

Actinactis—see *Asteractis*

Comments: *Actinactis a lapsus* by Verrill (1900) [Ref. 474] for *Asteractis*, as stated by Duerden (1902) [Ref. 57]; never published as a new genus. Not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line).

***Actinauge* Verrill, 1883** [Ref. 467], p. 50

Gender: Feminine

Type species: ***Actinia nodosa* Fabricius, 1780** [Ref. 638] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913], but not in agreement with Carlgren (1949) [Ref. 31], who listed it as *Urticina longicornis* Verrill, 1882 [Ref. 466]. Stephenson (1920) [Ref. 449] listed it as *Actinauge verrillii* McMurrich, 1893, the name given to some specimens Verrill had identified as *Actinauge nodosa*. The species described as *Actinia nodosa* currently attributed to ***Actinauge*, *Chondrophellia*, and *Hormathia*.**

Originally included three species.

Valid species: ***Actinauge abyssorum* Carlgren, 1934; *Actinauge bocki* Carlgren, 1943;**

***Actinauge chilensis* Carlgren, 1959; *Actinauge cristata* Riemann-Zürneck, 1986; *Actinauge granulata* Carlgren, 1928; *Actinauge karinae* nomen novum herein; *Actinauge longicornis* (Verrill, 1882); *Actinauge richardi* (Marion, 1882); *Actinauge verrillii* McMurrich, 1893**

Comment: Authorship in agreement with Neave (1939, 1940) [Refs. 595, 597] and with Carlgren (1949).

Family: **Hormathiidae Carlgren, 1932** [Ref. 288]

Actinea—see *Actinia*

***Actinecta* de Blainville, 1830** [Ref. 94], p. 285

Gender: Feminine

Type species: *Minyas cyanea* Cuvier, 1817 [Ref. 1392], in agreement with Fautin *et al.* (2007) [Ref. 5913]. *Actinecta* replacement name (International Code of Zoological Nomenclature Article 60.3) for junior homonym *Minyas*, so they have same type species (Article 67.8).

Objective synonym of *Minyas* Cuvier, 1817, because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11), *Minyas cyanea* Cuvier, 1817.

Originally included one species.

Valid species: *Actinecta coerulea* (Lesson, 1830); *Actinecta cyanea* (Cuvier, 1817); *Actinecta flava* (Péron & Le Sueur in Le Sueur, 1817); *Actinecta olivacea* (Le Sueur, 1817); *Actinecta purpurea* (Moseley, 1877); *Actinecta torpedo* (Bell, 1886); *Actinecta ultramarina* (Péron & Le Sueur in Le Sueur, 1817); *Actinecta viridula* (Quoy & Gaimard, 1833)

Comment: Authorship in agreement with Neave (1939) [Ref. 595].

Family: **Minyadidae** Milne Edwards, 1857

***Actineria* de Blainville, 1830** [Ref. 94], p. 288

Gender: Feminine

Type species: *Actineria villosa* Quoy & Gaimard in de Blainville, 1830 [Ref. 94] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913] and with Carlgren (1949) [Ref. 31], who gave 1833 as year species was published.

Originally included one species.

Valid species: *Actineria dendrophora* Haddon & Shackleton, 1893; *Actineria villosa* Quoy & Gaimard in de Blainville, 1830

Comment: Authorship in agreement with Neave (1939) [Ref. 595] and with Carlgren (1949).

Family: **Thalassianthidae** Milne Edwards & Haime, 1851 [Ref. 162]

***Actinernus* Verrill, 1879** [Ref. 465], p. 474

Alternative rendering: *Actinonernus*

Gender: Masculine

Type species: *Actinernus nobilis* Verrill, 1879 [Ref. 465] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Actinernus elongatus* (Hertwig, 1882); *Actinernus michaelsarsi* Carlgren, 1918; *Actinernus nobilis* Verrill, 1879; *Actinernus robustus* (Hertwig, 1882)

Comment: Authorship in agreement with Neave (1939) [Ref. 595] and with Carlgren (1949).

Type genus of **Actinernidae** Stephenson, 1922 [Ref. 451]

***Actinia* Linnaeus, 1767** [Ref. 130], p. 1088

Alternative renderings: *Actinea*, *Actinia*

Gender: Feminine

Type species: *Priapus equinus* Linnaeus, 1758, in agreement with Thompson (1858) [Ref. 252], with Carlgren (1949) [Ref. 31], with Manuel (1981) [Ref. 384], with Opinion 1295 of the International Commission on Zoological Nomenclature (Bulletin of Zoological Nomenclature 42[1]:34–36; April 1985), and with Fautin *et al.* (2007) [Ref. 5913]. Thompson (1858) also implied *A. mesembryanthemum* is type species, but not originally included in genus so ineligible to be (International Code of Zoological Nomenclature Article 69.2).

Originally included five species.

Valid species: *Actinia alba* Risso, 1826; *Actinia annulata* Gay, 1854; *Actinia aster* Ellis, 1767; *Actinia atlantica* Schmidt, 1971; *Actinia atrimaculata* Grube, 1840; *Actinia australiensis* Carlgren, 1950; *Actinia bermudensis* (McMurrich, 1889); *Actinia bicornis* Müller, 1776; *Actinia brevicirrhata* Risso, 1826; *Actinia candida* Müller, 1776; *Actinia capillata* Gay, 1854; *Actinia cari* Delle Chiaje, 1822; *Actinia chlorodactyla* Mertens in Brandt, 1835; *Actinia cinerea* Gay, 1854; *Actinia cleopatrae* Hemprich

& Ehrenberg in Ehrenberg, 1834; *Actinia curta* Drayton in Dana, 1846; *Actinia delicatula* (Hertwig, 1888); *Actinia dubia* Lesson, 1830; *Actinia ebhayiensis* Schama, Mitchell, & Solé-Cava, 2012; *Actinia equina* (Linnaeus, 1758); *Actinia erythrospilota* Brandt, 1835; *Actinia fiscella* Müller, 1789; *Actinia fragacea* Tugwell, 1856; *Actinia gelatinosa* Moseley, 1877; *Actinia gemma* Drayton in Dana, 1846; *Actinia gracilis* Hemprich & Ehrenberg in Ehrenberg, 1834; *Actinia graminea* Drayton in Dana, 1846; *Actinia grobbeni* Watzl, 1922; *Actinia iris* Müller, 1789; *Actinia judaica* (Linnaeus, 1761); *Actinia kraemeri* Pax, 1914; *Actinia laurentii* Brandt, 1835; *Actinia mamillaris* Quoy & Gaimard, 1833; *Actinia mediterranea* Schmidt, 1971; *Actinia mertensii* Brandt, 1835; *Actinia minutissima* Le Sueur, 1817; *Actinia napensis* Stimpson, 1856; *Actinia nigropunctata* den Hartog & Ocaña, 2003; *Actinia obtruncata* Stimpson, 1853; *Actinia ostraeorum* Gay, 1854; *Actinia papuana* Quoy & Gaimard, 1833; *Actinia prasina* Gosse, 1860; *Actinia punctata* Gay, 1854; *Actinia pusilla* Swartz, 1788; *Actinia reclinata* Bosc, 1802; *Actinia rosea* Risso, 1826; *Actinia rosula* Ehrenberg, 1834; *Actinia rubida* Holdsworth, 1855; *Actinia rufa* Risso, 1826; *Actinia sanguineopunctata* Templeton, 1839; *Actinia simplex* Ehrenberg, 1834; *Actinia striata* Quoy & Gaimard, 1833; *Actinia striata* Rizzi, 1907; *Actinia strigata* Quoy & Gaimard, 1833; *Actinia tabella* Drayton in Dana, 1846; *Actinia taeniata* Gay, 1854; *Actinia tenebrosa* Farquhar, 1898; *Actinia tilesii* Milne Edwards, 1857; *Actinia timida* Verrill, 1868; *Actinia tongana* Quoy & Gaimard, 1833; *Actinia truncata* Müller, 1776; *Actinia varians* Müller, 1806; *Actinia violacea* Risso, 1826; *Actinia volva* Müller, 1776; *Actinia zonata* Rathke, 1836

Comment: Authorship in agreement with Neave (1939) [Ref. 595] but not with Carlgren (1949), who gave it as Browne (1756) [Ref. 681], which is pre-Linnaean, so not considered in zoological nomenclature (International Code of Zoological Nomenclature Article 3.2) and was (unnecessarily) suppressed under plenary powers for nomenclatural purposes in Opinion 89, Direction 32 (Official Lists and Indexes of Names and Works in Zoology, International Commission on Zoological Nomenclature, 1987).

Type genus of **Actiniidae Rafinesque, 1815** [Ref. 786]

Actiniloba—see *Actinoloba*

Actinogeton Carlgren, 1938 [Ref. 283], p. 32

Alternative rendering: *Actinogeton*

Gender: Masculine

Type species: *Actinoides sultana* Carlgren, 1900 [Ref. 195] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comments: Authorship in agreement with Carlgren (1949). Not listed in *Nomenclator Zoologicus* (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line).

Actinoides Haddon & Shackleton, 1893 [Ref. 364], p. 126

Alternative renderings: *Actinoides*, *Actinoides*

Gender: Masculine

Type species: *Actinoides dixoniana* Haddon & Shackleton, 1893 [Ref. 364], designated by Carlgren (1938) [Ref. 283]; Fautin *et al.* (2007) [Ref. 5913] attributed designation to Carlgren (1945) [Ref. 282].

Originally included two species.

Comment: Authorship in agreement with Neave (1939) [Ref. 595].

Actinocereus de Blainville, 1830 [Ref. 94], p. 293

Gender: Masculine

Type species: No type species has been designated for this genus, in agreement with Fautin *et al.* (2007) [Ref. 5913], who also erroneously stated type species to be *Hydra disciflora* Gaertner, 1762, by original designation; *H. disciflora*, a forgotten actiniarian name, ineligible to be type species because not among species originally included in genus (International Code of Zoological Nomenclature Article 69.2).

Originally included 13 species.

Comments: Authorship in agreement with Neave (1939) [Ref. 595]. Not on p. 64 of Carlgren (1949) [Ref. 31] as listed in index.

***Actinodactylus* Duchassaing, 1850** [Ref. 70], p. 10

Gender: Masculine

Type species: ***Actinodactylus boscii* Duchassaing, 1850** [Ref. 70] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Objective synonym of *Stauractis* Andres, 1883 [Ref. 6170], because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Valid species: ***Actinodactylus boscii* Duchassaing, 1850; *Actinodactylus clavigerum* (Drayton in Dana, 1846)**

Comments: In agreement with Neave (1939) [Ref. 595], senior homonym of temnocephalan genus *Actinodactylus* of Haswell, W. A., 1893, Jottings from the biological laboratory of Sydney University. Proceedings of the Linnean Society of New South Wales, series 2, 7:342. Authorship of both genera in agreement with Neave (1939) [Ref. 595]. Not on p. 44 of Carlgren (1949) [Ref. 31] as listed in index. *Stauractis* proposed without rationale by Andres (1883) as substitute name.

Family: *incertae sedis*

***Actinodendron* de Blainville, 1834** [Ref. 64], p. 320

Alternative rendering: *Actinodendrum*

Gender: Neuter

Type species: *Actinia arborea* Quoy & Gaimard, 1833 [Ref. 194], designated by Carlgren (1949) [Ref. 31]; Fautin *et al.* (2007) [Ref. 5913] gave 1830 as year species was published.

Originally included two species.

Valid species: ***Actinodendron alcyonoideum* (Quoy & Gaimard, 1833); *Actinodendron arboreum* (Quoy & Gaimard, 1833); *Actinodendron glomeratum* Haddon, 1898; *Actinodendron hansingorum* Carlgren, 1900; *Actinodendron plumosum* Haddon, 1898**

Comments: Neave (1939) [Ref. 595] gave 1830 as year genus was published; Carlgren (1949) gave 1930. *Actinodendron* in de Blainville (1830) unavailable: an available species name was not assigned in combination with this genus name (International Code of Zoological Nomenclature Article 12.2.5).

Type genus of **Actinodendridae Haddon, 1898** [Ref. 363]

Actinoloba de Blainville, 1830 [Ref. 94], p. 288

Alternative renderings: *Actiniloba*, *Actinolabe*

Gender: Feminine

Type species: *Actinia dianthus* Ellis, 1767 [Ref. 767], designated by Thompson (1858) [Ref. 252] (who misspelled genus *Actiniloba*), contrary to Fautin *et al.* (2007) [Ref. 5913], who recognized no type species for the genus.

Objective synonym of ***Metridium* de Blainville, 1824** [Ref. 1326], because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included four species.

Comment: Authorship in agreement with Neave (1939) [Ref. 595].

Actinobopsis Verrill, 1899 [Ref. 471], p. 144

Gender: Feminine

Type species: *Actinia reticulata* Couthouy in Dana, 1846 [Ref. 318], in agreement with Fautin *et al.* (2007) [Ref. 5913]. *Actinobopsis* replacement name (International Code of Zoological Nomenclature Article 60.3) for ***Antholoba***, so they have same type species (Article 67.8).

Objective synonym of ***Antholoba* Hertwig, 1882** [Ref. 379], because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Comments: Name available, although created unnecessarily (International Code of Zoological Nomenclature Article 10.6) by Verrill (1899) as replacement name for *Actinoloba*, which he attributed to Hertwig (1882). However, Hertwig did not propose the name; presumably, Verrill confused it with Hertwig's *Antholoba*. Authorship in agreement with Neave (1939) [Ref. 595].

Actinonernus—see *Actinernus*

***Actinoporus* Duchassaing, 1850** [Ref. 70], p. 10

Gender: Masculine

Type species: *Actinoporus elegans* Duchassaing, 1850 [Ref. 70] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Actinoporus elegans* Duchassaing, 1850; *Actinoporus elongatus* Carlgren, 1900

Comment: Authorship in agreement with Neave (1939) [Ref. 595] and with Carlgren (1949).

Family: **Capneidae** Gosse, 1860 [Ref. 356]

***Actinopsis* Danielssen & Koren, 1856** [Ref. 581]

Gender: Feminine

Type species: *Actinopsis flava* Danielssen & Koren, 1856 [Ref. 581] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Actinopsis flava* Danielssen & Koren, 1856

Comments: In agreement with Neave (1939) [Ref. 595], senior homonym of echinoderm genus *Actinopsis* of Lambert, J., 1897, Note sur quelques échinides éocènes de l'Aude. Bulletin de la Société Géologique de France, series 3, 25:507. Neave (1939) [Ref. 595] attributed authorship of actiniarian genus to Koren & Danielssen, and of echinoderm genus to Lambert in 1898 (in a publication different from that cited here). *Actinopsis whiteavesi* in Verrill (1879) [Ref. 1494] (and used by Whiteaves, 1901 [Ref. 6236]) a *nomen nudum*.

Family: **Actiniidae** Rafinesque, 1815 [Ref. 786]

***Actinoscyphia* Stephenson, 1920** [Ref. 449], p. 540

Gender: Feminine

Type species: *Actinernus saginata* Verrill, 1882 [Ref. 466] by original designation, in agreement with Stephenson (1920) [Ref. 449], with Carlgren (1949) [Ref. 31], and with Fautin *et al.* (2007) [Ref. 5913].

Originally included three species.

Valid species: *Actinoscyphia aurelia* (Stephenson, 1918); *Actinoscyphia groendyki* Eash-Loucks & Fautin, 2012; *Actinoscyphia plebeia* (McMurrich, 1893); *Actinoscyphia saginata* (Verrill, 1882); *Actinoscyphia verrilli* (Gravier, 1918)

Comment: Authorship in agreement with Neave (1939) [Ref. 595] and with Carlgren (1949).

Type genus of **Actinoscyphiidae** Stephenson, 1920 [Ref. 449]

Actinoscyphiopsis Carlgren, 1928 [Ref. 198]

Gender: Feminine

Type species: *Actinernus aurelia* Stephenson, 1918 [Ref. 442] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line).

***Actinostella* Duchassaing, 1850** [Ref. 70], p. 10

Gender: Feminine

Type species: *Actinostella formosa* Duchassaing, 1850 [Ref. 70] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913]. *Actinia flosculifera* Le Sueur, 1817, senior subjective synonym of *Actinostella formosa* (see Häussermann, 2003) [Ref. 1881].

Originally included one species.

Valid species: *Actinostella bradleyi* (Verrill, 1869); *Actinostella californica* (McMurrich, 1893); *Actinostella correae* (Schlenz & Belém, 1992); *Actinostella digitata* (McMurrich, 1893); *Actinostella excelsa* (Wassilieff, 1908); *Actinostella flosculifera* (Le Sueur, 1817); *Actinostella ornata* (Verrill, 1869);

Actinostella radiata (Duchassaing & Michelotti, 1860); *Actinostella striata* (Wassilieff, 1908);
Actinostella variabilis (Hargitt, 1911)

Comment: Authorship in agreement with Neave (1939) [Ref. 595].

Type genus of Actinostellidae Carlgren, 1924 [Ref. 209]

Family: Actiniidae Rafinesque, 1815 [Ref. 786]

Actinostephanus Kwietniewski, 1897 [Ref. 400], p. 23

Gender: Masculine

Type species: *Actinostephanus haeckeli* Kwietniewski, 1897 [Ref. 400] by monotypy, in agreement with Ardelean (2003) [Ref. 5057] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Actinostephanus haeckeli* Kwietniewski, 1897

Comment: Authorship in agreement with Neave (1939) [Ref. 595] and with Carlgren (1949) [Ref. 31].

Family: Actinodendridae Haddon, 1898 [Ref. 363]

Actinostola Verrill, 1883 [Ref. 467], p. 56

Gender: Feminine

Type species: *Urticina callosa* Verrill, 1882 [Ref. 466] by original designation, in agreement with Stephenson (1920), with Carlgren (1949) [Ref. 31], and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Actinostola abyssorum* (Danielssen, 1890); *Actinostola bulbosa* (Carlgren, 1928); *Actinostola callosa* (Verrill, 1882); *Actinostola capensis* (Carlgren, 1928); *Actinostola carlgreni* Wassilieff, 1908; *Actinostola chilensis* McMurrich, 1904; *Actinostola crassicornis* (Hertwig, 1882); *Actinostola faeulentata* (McMurrich, 1893); *Actinostola georgiana* Carlgren, 1927; *Actinostola groenlandica* Carlgren, 1899; *Actinostola kerguelensis* Carlgren, 1928

Comment: Authorship in agreement with Neave (1939) [Ref. 595] and with Carlgren (1949).

Type genus of Actinostolidae Carlgren, 1932 [Ref. 288]

Actinothoe Fischer, 1889 [Ref. 81], p. 290

Alternative rendering: *Actinothoë*

Gender: Feminine

Type species: *Sagartia sphyrodeta* Gosse, 1858 [Ref. 96], designated by Carlgren (1949) [Ref. 31]; Fautin *et al.* (2007) [Ref. 5913] erroneously stated only one species was originally included, so the type species was by monotypy.

Originally included four species.

Valid species: *Actinothoe alderi* (Cocks, 1851); *Actinothoe anguicomma* (Price in Johnston, 1847); *Actinothoe bellii* (Cocks, 1851); *Actinothoe bradleyi* (Verrill, 1869); *Actinothoe carlgreni* (Haddon & Duerden, 1896); *Actinothoe georgiana* (Carlgren, 1899); *Actinothoe glandulosa* Carlgren, 1954; *Actinothoe gracillima* (McMurrich, 1887); *Actinothoe gravieri* (Pax, 1912); *Actinothoe ignea* (Fischer, 1874); *Actinothoe kerguelensis* (Pax, 1922); *Actinothoe lobata* (Carlgren, 1899); *Actinothoe milmani* (Haddon & Shackleton, 1893); *Actinothoe modesta* (Verrill, 1866); *Actinothoe nigropunctata* (Stimpson, 1855); *Actinothoe paradoxa* (McMurrich, 1893); *Actinothoe patagonicha* (Carlgren, 1899); *Actinothoe pelucida* (Cocks, 1851); *Actinothoe plebeia* (Haddon, 1898); *Actinothoe pustulata* (McMurrich, 1887); *Actinothoe qingdaoensis* Pei, 1993; *Actinothoe sanmatiensis* (McMurrich, 1893); *Actinothoe sphyrodeta* (Gosse, 1858); *Actinothoe? yarrellii* (Cocks, 1851)

Comments: Authorship in agreement with Carlgren (1949). Not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line.

Family: *incertae sedis*

Adamsia Forbes, 1840 [Ref. 84], p. 180

Gender: Feminine

Type species: *Medusa palliata* Fabricius, 1779 [Ref. 641] by original designation, in agreement with Carlgren (1949) [Ref. 31], who gave authorship of the species as Bohadsch, 1761 [Ref. 655]; Daly *et al.* (2004) [Ref.

4890], noting that the names of Bohadsch (1761) were ruled nomenclaturally unavailable in Opinion 185 of the International Commission on Zoological Nomenclature (Opinions and Declarations Rendered by the International Commission on Zoological Nomenclature 3[4]:37–52; October 1944), stated type species was *Actinia palliata* Fabricius, 1779. According to Thompson (1858) [Ref. 252], it was *Adamsia palliata* (without an author), and to Stephenson (1920) it was *A. palliata* Bohadsch, 1761. Manuel (1981) [Ref. 384] listed it as *Actinia carcinopados* Otto, 1823; the designation of *Actinia maculata*, attributed to Adams (1800) [Ref. 2] by Forbes (1840), was repeated by Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Adamsia fusca* (Quoy & Gaimard, 1833); *Adamsia involvens* McMurrich, 1893; *Adamsia obvolva* Daly, Ardelean, Cha, Campbell & Fautin, 2004; *Adamsia palliata* (Fabricius, 1779); *Adamsia rondeletii* (Delle Chiaje, 1822); *Adamsia sociabilis* Verrill, 1882

Comments: In agreement with Neave (1939) [Ref. 595], senior homonym of gastropod genus *Adamsia* of Dunker, G., 1857, Mollusca nova collectionis Cumingianæ. Proceedings of the Zoological Society of London 24:357. Authorship of both genera in agreement with Neave (1939) [Ref. 595]; authorship of actiniarian genus in agreement with Carlgren (1949).

Type genus of Adamsiidae Andres, 1881 [Ref. 4]

Family: **Hormathiidae Carlgren, 1932** [Ref. 288]

Aegeon Gosse, 1865 [Ref. 532], p. 41

Original spelling: *Ægeon*

Gender: Masculine

Type species: *Aegeon alfordi* Gosse, 1865 [Ref. 532] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comments: In agreement with Neave (1939) [Ref. 595], junior homonym of crustacean genus *Aegeon* of Risso in Kinahan, J. R., 1862, Synopsis of the species of the families Crangonidæ and Galatheidæ which inhabit the seas around the British Isles. Proceedings of the Royal Irish Academy 8:69-70. Authorship of both genera in agreement with Neave (1939) [Ref. 595].

Aegir Danielssen, 1887 [Ref. 583], p. 12

Original spelling: *Ægir*

Gender: Feminine

Type species: *Aegir frigidus* Danielssen, 1887 [Ref. 583] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1939) [Ref. 595].

Type genus of Aegiridae Danielssen, 1887 [Ref. 583]

Aiptasia Gosse, 1858 [Ref. 96], p. 416

Alternative rendering: *Aipstasia*

Gender: Feminine

Type species: *Aiptasia amacha* Gosse, 1858 [Ref. 96] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913]; Stephenson (1920) [Ref. 449] listed it as *Aiptasia couchi* Cocks, 1851; Carlgren (1949) [Ref. 31] listed it as *Anthea couchii* Cooks [sic], 1851, which he considered senior subjective synonym of *A. amacha*; *Actinia mutabilis* Gravenhorst, 1831, senior subjective synonym of *Anthea couchii* Cocks, 1851, as stated by Schmidt (1972) [Ref. 441] and Manuel (1981) [Ref. 384].

Originally included one species.

Valid species: *Aiptasia armata* (Verrill, 1868); *Aiptasia californica* Carlgren, 1952; *Aiptasia diaphana* (Rapp, 1829); *Aiptasia insignis* Carlgren, 1941; *Aiptasia inula* (Duchassaing & Michelotti, 1864); *Aiptasia leiodyctyla* Pax, 1910; *Aiptasia mimosa* (Duchassaing & Michelotti, 1864); *Aiptasia minuta* (Verrill, 1867); *Aiptasia mutabilis* (Gravenhorst, 1831); *Aiptasia pallida* (Agassiz in Verrill, 1864); *Aiptasia parva* Carlgren, 1938; *Aiptasia prima* (Stephenson, 1918); *Aiptasia pulchella* Carlgren, 1943; *Aiptasia tagetes* (Duchassaing & Michelotti, 1864)

Comment: Authorship in agreement with Neave (1939) [Ref. 595] and with Carlgren (1949).

Type genus of **Aiptasiidae Carlgren, 1924** [Ref. 208]

***Aiptasiogeton* Schmidt, 1972** [Ref. 441], p. 26

Alternative rendering: *Aiptosiogeton*

Gender: Masculine

Type species: *Paractis comata* Andres, 1881 [Ref. 4] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913];
Actinia pellucida Hollard, 1848 [Ref. 1416], senior subjective synonym of *P. comatus* (see Manuel, 1981) [Ref. 384].

Originally included one species.

Valid species: ***Aiptasiogeton eruptaurantia* (Field, 1949); *Aiptasiogeton hyalinus* (Delle Chiaje, 1822); *Aiptasiogeton pellucidus* (Hollard, 1848)**

Comment: Authorship in agreement with Edwards & Tobias (1993) [Ref. 601].

Family: **Aiptasiidae Carlgren, 1924** [Ref. 208]

Aiptasioides Stephenson, 1918 [Ref. 448], p. 51

Gender: Masculine

Type species: *Aiptasioides prima* Stephenson, 1918 [Ref. 448] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1939) [Ref. 595].

***Aiptasiomorpha* Stephenson, 1920** [Ref. 449], p. 530

Alternative renderings: *Aiptasiamorpha*, *Aiptasimorpha*

Gender: Masculine

Type species: *Aiptasia minima* Stephenson, 1918 [Ref. 448], designated by Carlgren (1949) [Ref. 31], in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included four species.

Valid species: ***Aiptasiomorpha elongata* Carlgren, 1951; *Aiptasiomorpha minima* (Stephenson, 1918); *Aiptasiomorpha paxi* Stephenson, 1920; *Aiptasiomorpha texaensis* Carlgren & Hedgpeth, 1952**

Comment: Authorship in agreement with Neave (1939) and with Carlgren (1949).

Type genus of **Aiptasiomorphidae Carlgren, 1949** [Ref. 31]

Alfredus Schmidt, 1979 [Ref. 227], p. 212

Gender: Masculine

Type species: *Edwardsia lucifuga* Fischer, 1888 [Ref. 543] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Edwards *et al.* (1996) [Ref. 1344].

***Alicia* Johnson, 1861** [Ref. 118], p. 303

Gender: Feminine

Type species: ***Alicia mirabilis* Johnson, 1861** [Ref. 118] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Alicia beebei* Carlgren, 1940; *Alicia mirabilis* Johnson, 1861; *Alicia pretiosa* (Dana, 1846); *Alicia rhadina* Haddon & Shackleton, 1893; *Alicia sansibarensis* Carlgren, 1900; *Alicia uruguayensis* Carlgren, 1927**

Comments: In agreement with Neave (1939) [Ref. 595], senior homonym of [1] coleopteran genus *Alicia* of Thomson, J., 1864, Systema Cerambycidae ou Exposé de Tous les Genres Compris dans la Famille des Cérambycides et Familles Limitrophes, p. 125; and [2] bivalve genus *Alicia* of Angas, G. F., 1868, On a new genus and some new species of marine Mollusca from Port Jackson, New South Wales. Proceedings of the Scientific Meetings of the Zoological Society of London 1867:908. Authorship of all genera in agreement with Neave (1939) [Ref. 595]. Authorship of actiniarian genus in agreement with Carlgren (1949).

Type genus of **Aliciidae Duerden, 1895** [Ref. 540]

Allantactis Danielssen, 1890 [Ref. 321], p. 20–23

Alternative rendering: *Altantactis*

Gender: Feminine

Type species: **Allantactis parasitica** Danielssen, 1890 [Ref. 321] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: **Allantactis parasitica** Danielssen, 1890

Comment: Authorship in agreement with Neave (1939) [Ref. 595] and with Carlgren (1949) [Ref. 31].

Family: **Hormathiidae** Carlgren, 1932 [Ref. 288]

Alloactis Verrill, 1899 [Ref. 471], p. 144

Gender: Feminine

Type species: *Paractis excavata* Hertwig, 1882 [Ref. 379] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1939) [Ref. 595].

Alvinactis Rodríguez, Castorani, & Daly, 2008 [Ref. 6004], p. 442

Gender: Feminine

Type species: **Alvinactis reu** Rodríguez, Castorani, & Daly, 2008 [Ref. 6004] by original designation.

Originally included one species.

Valid species: **Alvinactis chessi** Zelnio, Rodríguez, & Daly, 2009; **Alvinactis reu** Rodríguez, Castorani, & Daly, 2008

Comment: Not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line).

Family: **Actinoscyphiidae** Stephenson, 1920 [Ref. 449]

Ammodiscus Carpenter in Carpenter & Jeffreys, 1871 [Ref. 673], p. 160

Gender: Masculine

Type species: *Ammodiscus lindahli* Carpenter in Carpenter & Jeffreys, 1871 [Ref. 673], in agreement with Fautin *et al.* (2007) [Ref. 5913]. **Octineon** replacement name (International Code of Zoological Nomenclature Article 60.3) for junior homonym *Ammodiscus*, so they have same type species (Article 67.8).

Objective synonym of **Octineon** Moseley in Fowler, 1894, because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Comments: Junior homonym of protist genus *Ammodiscus* of Reuss, A. E., 1862, Entwurf einer systematischen Zusammenstellung der Foraminiferen. Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften 44:365. Authorship of protist genus in agreement with Neave (1939) [Ref. 595]. Actiniarian genus not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line).

Ammonactis Verrill, 1865 [Ref. 457], p. 150

Gender: Feminine

Type species: *Edwardsia rubricollum* Stimpson, 1856 [Ref. 239] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1939) [Ref. 595].

Ammophilactis Verrill, 1899 [Ref. 471], p. 144

Gender: Feminine

Type species: *Actinia rapiformis* Le Sueur, 1817 [Ref. 128] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913], who cited the incorrect publication of Verrill (1899) as the source.

Originally included one species.

Comments: Authorship not in agreement with Neave (1939) [Ref. 595], who cited the incorrect publication of Verrill (1899). Brief discussion by Verrill in earlier publication sufficient to make name available; more details given later by Verrill.

***Amphiactis* Verrill, 1869** [Ref. 461]

Gender: Feminine

Type species: ***Amphiactis orientalis* Verrill, 1869** [Ref. 461] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Amphiactis orientalis* Verrill, 1869**

Comments: In agreement with Neave (1939) [Ref. 595], senior homonym of echinoderm genus *Amphiactis* of Matsumoto, H., 1915, A new classification of the Ophiuroidea: with descriptions of new genera and species. Proceedings of the Academy of Natural Sciences of Philadelphia 67:66–67. Authorship of both genera in agreement with Neave (1939) [Ref. 595].

Family: **Polyopidae Hertwig, 1882** [Ref. 379]

***Amphianthus* Hertwig, 1882** [Ref. 379], p. 80

Alternative rendering: *Amphiantus*

Gender: Masculine

Type species: ***Amphianthus bathybiium* Hertwig, 1882** [Ref. 379] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Amphianthus armatus* Carlgren, 1928; *Amphianthus bathybiium* Hertwig, 1882; *Amphianthus brunneus* (Pax, 1909); *Amphianthus californicus* Carlgren, 1936; *Amphianthus capensis* Carlgren, 1928; *Amphianthus caribaeus* (Verrill, 1899); *Amphianthus dohrnii* (Koch, 1878); *Amphianthus ingolfi* Carlgren, 1942; *Amphianthus islandicus* Carlgren, 1942; *Amphianthus lacteus* (McMurrich, 1893); *Amphianthus laevis* Carlgren, 1938; *Amphianthus margaritaceus* (Danielssen, 1890); *Amphianthus michaelsarsi* Carlgren, 1934; *Amphianthus minutus* (Hertwig, 1882); *Amphianthus mirabilis* (Verrill, 1879); *Amphianthus mopseae* (Danielssen, 1890); *Amphianthus natalensis* Carlgren, 1938; *Amphianthus nitidus* (Verrill, 1899); *Amphianthus norvegicus* Carlgren, 1942; *Amphianthus radiatus* Carlgren, 1928; *Amphianthus rosaceus* Wassilieff, 1908; *Amphianthus sanctaehelenae* Carlgren, 1941; *Amphianthus valdiviae* Carlgren, 1928; *Amphianthus verruculatus* Carlgren, 1942**

Comments: Authorship in agreement with Carlgren (1949). Neave (1939) [Ref. 595] stated *Amphianthus* was described by Hertwig (1882), which is true, but the German version of Hertwig's publication on the *Challenger* anemones [Ref. 379] seems to have appeared before that in the expedition series [Ref. 380], which Neave cited.

Type genus of Amphianthidae Hertwig, 1882 [Ref. 379]

Family: **Hormathiidae Carlgren, 1932** [Ref. 288]

***Andresia* Stephenson, 1921** [Ref. 450], p. 518

Gender: Feminine

Type species: ***Ilyanthus partenopeus* Andres, 1883** [Ref. 6170] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Andresia partenopea* (Andres, 1883)**

Comments: Senior homonym of [1] polychaete genus *Andresia* of Prenant, A., 1924, *Andresia ampullifera* nov. g., nov. sp. de la sous-famille des polynoïniens. Bulletin de la Société Zoologique de France 49:19; and [2] crustacean genus *Andresia* of Hinz-Schallreuter, I., 1993, Cambrian ostracodes mainly from Baltoscandia and Morocco. Archiv für Geschichte der Naturwissenschaften 1(7):424–425. Actinarian name not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line). Authorship of polychaete in agreement with Neave (1939) [Ref. 595], and of ostracode with Nomenclator Zoologicus 10 (on line). Authorship of actinarian genus in agreement with Carlgren (1949) [Ref. 31].

Type genus of **Andresiidae Stephenson, 1922** [Ref. 451]

Andvakia Danielssen, 1890 [Ref. 321], p. 86–92

Alternative renderings: *Andwakia*, *andvakia*

Gender: Feminine

Type species: *Andvakia mirabilis* Danielssen, 1890 [Ref. 321] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Andvakia boninensis* Carlgren, 1943; *Andvakia discipulorum* Daly & Goodwill, 2009; *Andvakia insignis* Carlgren, 1951; *Andvakia isabellae* Carlgren & Hedgpeth, 1952; *Andvakia manoloi* Lauretta, 2013; *Andvakia mirabilis* Danielssen, 1890; *Andvakia parva* Carlgren, 1940; *Andvakia psammomitra* (Bourne, 1918)

Comments: Authorship in agreement with Neave (1939) [Ref. 595] and with Carlgren (1949). Carlgren (1949) spelled the genus *Andwakia*, an incorrect spelling (International Code of Zoological Nomenclature Article 33c).

Type genus of **Andvakiidae** Danielssen, 1890 [Ref. 321]

Anemonactis Andres, 1881 [Ref. 4], p. 329

Gender: Feminine

Type species: *Anemonactis magnifica* Andres, 1881 [Ref. 4] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913]; Carlgren (1949) [Ref. 31] listed it as *Ilyanthus mazeli* Jourdan, 1880, senior subjective synonym of *A. magnifica*.

Originally included one species.

Valid species: *Anemonactis clavus* (Quoy & Gaimard, 1833); *Anemonactis globulosa* (Quoy & Gaimard, 1833); *Anemonactis mazeli* (Jourdan, 1880)

Comments: Not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line). Carlgren (1949) gave 1880 as year genus was published. Andres (1883) [Ref. 6170] unnecessarily replaced it with *Eloactis*.

Family: **Haloclavidae** Verrill, 1899 [Ref. 470]

Anemonia Risso, 1826 [Ref. 739], p. 288

Alternative rendering: *Anonomia*, *Anemonea*

Gender: Feminine

Type species: *Actinia sulcata* Pennant, 1777 [Ref. 637], designated by Stephenson (1935) [Ref. 505]; Fautin *et al.* (2007) [Ref. 5913] stated designation was by Carlgren (1949) [Ref. 31] (who gave 1766 as publication date). *Actinia sulcata* senior subjective synonym of both species originally included in genus, *Anemonia aedulis* and *A. vagans* (see Stephenson, 1935; Carlgren, 1949).

Originally included two species.

Valid species: *Anemonia alicemartinae* Häussermann & Försterra, 2001; *Anemonia antillensis* Pax, 1924; *Anemonia cereus* Contarini, 1844; *Anemonia chubutensis* Zamponi & Acuña, 1992; *Anemonia clavata* (Milne Edwards, 1857); *Anemonia crystallina* (Hemprich & Ehrenberg in Ehrenberg, 1834); *Anemonia depressa* Duchassaing & Michelotti, 1860; *Anemonia elegans* Verrill, 1901; *Anemonia erythraea* (Hemprich & Ehrenberg in Ehrenberg, 1834); *Anemonia gracilis* (Quoy & Gaimard, 1833); *Anemonia hemprichi* (Klunzinger, 1877); *Anemonia indica* Parulekar, 1968; *Anemonia insessa* Gravier, 1918; *Anemonia manjano* Carlgren, 1900; *Anemonia melanaster* (Verrill, 1901); *Anemonia mutabilis* Verrill, 1928; *Anemonia natalensis* Carlgren, 1938; *Anemonia sargassensis* Hargitt, 1908; *Anemonia sulcata* (Pennant, 1777); *Anemonia viridis* (Forsskål, 1775)

Comments: Authorship in agreement with Neave (1939) [Ref. 595] and with Carlgren (1949). Erroneous spelling *Anemonea* only in index of Milne Edwards (1857), cited by Neave (1939) [Ref. 595].

Family: **Actiniidae** Rafinesque, 1815 [Ref. 786]

Anthea Johnston, 1838 [Ref. 634], p. 220

Gender: Feminine

Type species: *Actinia cereus* Ellis & Solander, 1786 [Ref. 71] by monotypy, contrary to Fautin *et al.* (2007) [Ref. 5913], who recognized no type species for the genus.

Originally included one species.

Comments: According to Eschmeyer (1998) [Ref. 6253], fish genus *Anthea* of Catesby, 1771, unavailable: it was published in a work rejected for nomenclatorial purposes in Opinion 259 of the International Commission on Zoological Nomenclature (Bulletin of Zoological Nomenclature 5:253–264; August 1954) because the author did not apply the principles of binominal nomenclature. Authorship of actiniarian genus in agreement with Neave (1939) [Ref. 595], but he gave 1777 as publication date of Catesby.

Type genus of Antheidae Gosse, 1860 [Ref. 356]

***Antheomorpha* Hertwig, 1882** [Ref. 379], p. 26

Gender: Feminine

Type species: *Antheomorpha elegans* Hertwig, 1882 [Ref. 379] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Antheomorpha elegans* Hertwig, 1882

Comment: Neave (1939) [Ref. 595] stated *Antheomorpha* was described by Hertwig (1882), which is true, but the German version of Hertwig's publication on the *Challenger* anemones [Ref. 379] seems to have appeared before that in the expedition series [Ref. 380], which Neave cited.

Type genus of **Anthomorphidae** Hertwig, 1882 [Ref. 379]

Antheopsis Simon, 1892 [Ref. 233]

Gender: Feminine

Type species: *Bunodes koseirensis* Klunzinger, 1877 [Ref. 121] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913]. That species currently considered subjective synonym of *Heteractis aurora*.

Originally included one species.

Comments: Authorship in agreement with Neave (1939) [Ref. 595]. Carlgren (1900) recognized Simon as author of the genus, but England (1987) [Ref. 63] considered name to date from Carlgren (1900). Both Simon (1892) and Carlgren (1900) placed only *Bunodes koseirensis* in the genus.

***Antholoba* Hertwig, 1882** [Ref. 379], p. 46

Gender: Feminine

Type species: *Actinia reticulata* Couthouy in Dana, 1846 [Ref. 318] by monotypy, in agreement with Stephenson (1920) [Ref. 449] and with Fautin *et al.* (2007) [Ref. 5913], but contrary to Carlgren (1949) [Ref. 31], who gave it as *Actinia achates* Dana, 1849. Both *A. reticulata* and *A. achates* were described in 1846 by Dana; McMurrich (1904) [Ref. 391], acting as first reviser, synonymized them, making the name of the taxon ***Antholoba achates* (Drayton in Dana, 1846)** (see Fautin, 1984) [Ref. 346]. *Actinobopsis* replacement name (International Code of Zoological Nomenclature Article 60.3) for ***Antholoba***, so they have same type species (Article 67.8).

Objective synonym of *Actinobopsis* Verrill, 1899, because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11), *Actinia reticulata* Couthouy in Dana, 1846.

Originally included one species.

Valid species: ***Antholoba achates* (Drayton in Dana, 1846); *Antholoba perdix* (Verrill, 1882)**

Comments: Authorship in agreement with Carlgren (1949). Neave (1939) [Ref. 595] stated *Antholoba* was described by Hertwig (1882), which is true, but the German version of Hertwig's publication on the *Challenger* anemones [Ref. 379] seems to have appeared before that in the expedition series [Ref. 380], which Neave cited. *Actinobopsis* created unnecessarily by Verrill (1899) as replacement name for *Actinoloba*, which he presumably confused with *Antholoba*.

Family: **Actinostolidae** Carlgren, 1932 [Ref. 288]

***Anthopleura* Duchassaing & Michelotti, 1860** [Ref. 323], p. 48–49

Alternative rendering: *Anthpleura*

Gender: Feminine

Type species: *Anthopleura krebsi* Duchassaing & Michelotti, 1860 [Ref. 323] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Anthopleura africana* (Carlgren, 1900); *Anthopleura ambonensis* (Kwietniewski, 1898); *Anthopleura anjunae* den Hartog & Vennam, 1993; *Anthopleura annea* Carlgren, 1940; *Anthopleura artemisia* (Pickering in Dana, 1846); *Anthopleura asiatica* Uchida & Muramatsu, 1958; *Anthopleura atodai* Yanagi & Daly, 2004; *Anthopleura aureoradiata* (Stuckey, 1909); *Anthopleura ballii* (Cocks, 1851); *Anthopleura buddemeieri* Fautin, 2005; *Anthopleura dixoniana* (Haddon & Shackleton, 1893); *Anthopleura dowii* Verrill, 1869; *Anthopleura elegantissima* (Brandt, 1835); *Anthopleura foxi* Carlgren, 1927; *Anthopleura fuscoviridis* Carlgren, 1949; *Anthopleura haddoni* (Kwietniewski, 1898); *Anthopleura handi* Dunn, 1978; *Anthopleura hermaphroditica* (Carlgren, 1899); *Anthopleura incerta* England, 1992; *Anthopleura inconspicua* (Hutton, 1879); *Anthopleura insignis* Carlgren, 1940; *Anthopleura japonica* Verrill, 1899; *Anthopleura kohli* Carlgren, 1930; *Anthopleura krebsi* Duchassaing & Michelotti, 1860; *Anthopleura kurogane* Uchida & Muramatsu, 1958; *Anthopleura mariscali* Daly & Fautin, 2004; *Anthopleura michaelseni* (Pax, 1920); *Anthopleura minima* (Stuckey & Walton, 1910); *Anthopleura monile* (Templeton, 1836); *Anthopleura mortenseni* Carlgren, 1941; *Anthopleura mortoni* England, 1992; *Anthopleura nigrescens* (Verrill, 1928); *Anthopleura pallida* Duchassaing & Michelotti, 1864; *Anthopleura panikkarii* Parulekar, 1968; *Anthopleura qingdaoensis* Pei, 1995; *Anthopleura rosea* (Stuckey & Walton, 1910); *Anthopleura sanctaehelenae* Carlgren, 1941; *Anthopleura sola* Pearse & Francis, 2000; *Anthopleura stellula* (Hemprich & Ehrenberg in Ehrenberg, 1834); *Anthopleura stimpsonii* Verrill, 1869; *Anthopleura texaensis* (Carlgren & Hedgpeth, 1952); *Anthopleura thallia* (Gosse, 1854); *Anthopleura varioarmata* Watzl, 1922; *Anthopleura waridi* (Carlgren, 1900); *Anthopleura xanthogrammica* (Brandt, 1835)

Comment: Authorship in agreement with Neave (1939) [Ref. 595] and with Carlgren (1949).

Family: Actiniidae Rafinesque, 1815 [Ref. 786]

Anthosactis Danielssen, 1890 [Ref. 321], p. 24–26

Alternative rendering: *Antosactis*

Gender: Feminine

Type species: *Anthosactis janmayeni* Danielssen, 1890 [Ref. 321] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Anthosactis capensis* Carlgren, 1938; *Anthosactis epizoica* (Pax, 1922); *Anthosactis excavata* (Hertwig, 1882); *Anthosactis ingolfi* Carlgren, 1921; *Anthosactis janmayeni* Danielssen, 1890; *Anthosactis nomados* White, Wakefield Pagels, & Fautin, 1999; *Anthosactis pearseae* Daly & Gusmão, 2007

Comment: Authorship in agreement with Neave (1939) [Ref. 595] and with Carlgren (1949).

Family: Actinostolidae Carlgren, 1932 [Ref. 288]

Anthostella Carlgren, 1938 [Ref. 283], p. 38

Gender: Feminine

Type species: *Anthostella stephensoni* Carlgren, 1938 [Ref. 283] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Anthostella badia* (Carlgren, 1900); *Anthostella stephensoni* Carlgren, 1938

Comment: Authorship in agreement with Neave (1950) [Ref. 598] and with Carlgren (1949).

Family: Actiniidae Rafinesque, 1815 [Ref. 786]

Anthothoe Carlgren, 1938 [Ref. 283], p. 85–86

Original spelling: *Anthothoë*

Gender: Feminine

Type species: *Cereus stimpsonii* Verrill, 1869 [Ref. 461], in agreement with Carlgren (1949) [Ref. 31], who gave 1868 as year species was published, and with Fautin *et al.* (2007) [Ref. 5913]. *Anthothoe* replacement name (International Code of Zoological Nomenclature Article 60.3) for junior homonym *Parathoe*, so they have same type species (Article 67.8).

Objective synonym of *Parathoe* Carlgren, 1928, because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Valid species: *Anthothoe affinis* (Johnson, 1861); *Anthothoe albens* (Stuckey, 1909); *Anthothoe albocincta* (Hutton, 1879); *Anthothoe australiae* (Haddon & Duerden, 1896); *Anthothoe australiensis* Carlgren, 1950; *Anthothoe carcinophila* (Verrill, 1869); *Anthothoe chilensis* (Lesson, 1830); *Anthothoe neozelanica* (Carlgren, 1924); *Anthothoe olivacea* (Hemprich & Ehrenberg in Ehrenberg, 1834); *Anthothoe panamensis* (Verrill, 1869); *Anthothoe similis* (Haddon & Duerden, 1896); *Anthothoe stimpsonii* (Verrill, 1869); *Anthothoe vagrans* (Stuckey, 1909); *Anthothoe vincentina* (Pax, 1922)

Comment: Authorship in agreement with Carlgren (1949) and with Neave (1950) [Ref. 598].

Family: *incertae sedis*

***Antiparactis* Verrill, 1899** [Ref. 472], p. 212

Gender: Feminine

Type species: *Actinia lineolata* Couthouy in Dana, 1846 [Ref. 318] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Antiparactis lineolata* (Couthouy in Dana, 1846)

Comment: Authorship in agreement with Neave (1939) [Ref. 595] and with Carlgren (1949) [Ref. 31].

Family: **Actinostolidae Carlgren, 1932** [Ref. 288]

***Antipodactis* Rodríguez, López-González, & Daly, 2009** [Ref. 6023], p. 703–706

Gender: Feminine

Type species: *Antipodactis scotiae* Rodríguez, López-González, & Daly, 2009 [Ref. 6023] by original designation.

Originally included two species.

Valid species: *Antipodactis awii* Rodríguez, López-González, & Daly, 2009; *Antipodactis scotiae* Rodríguez, López-González, & Daly, 2009

Comment: Not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line).

Type genus of **Antipodactinidae Rodríguez, López-González, & Daly, 2009** [Ref. 6023]

Archactis Verrill, 1899 [Ref. 472], p. 209–210

Gender: Feminine

Type species: *Urticina perdis* Verrill, 1882 [Ref. 466] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comments: Described as a subgenus of *Paractis*. Authorship in agreement with Neave (1939) [Ref. 595].

***Artemidactis* Stephenson, 1918** [Ref. 448], p. 40–41

Gender: Feminine

Type species: *Artemidactis victrix* Stephenson, 1918 [Ref. 448] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Artemidactis victrix* Stephenson, 1918

Comment: Authorship in agreement with Neave (1939) [Ref. 595] and with Carlgren (1949) [Ref. 31].

Family: *incertae sedis*

Asteractis Verrill, 1869 [Ref. 458], p. 464–465

Alternative rendering: *Actinactis*

Gender: Feminine

Type species: *Asteractis bradleyi* Verrill, 1869 [Ref. 458] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1939) [Ref. 595].

***Aulactinia* Agassiz in Verrill, 1864** [Ref. 456]

Gender: Feminine

Type species: ***Aulactinia capitata* Agassiz in Verrill, 1864** [Ref. 456] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Aulactinia altifossa* (Lager, 1911); *Aulactinia aucklandica* (Carlgren, 1927); *Aulactinia bunodiformis* (Hertwig, 1882); *Aulactinia capitata* Agassiz in Verrill, 1864; *Aulactinia chrysobathys* (Parry, 1951); *Aulactinia conica* (McMurrich, 1904); *Aulactinia curacaoensis* (Pax, 1924); *Aulactinia elongata* (McMurrich, 1904); *Aulactinia glandulosa* (Otto, 1823); *Aulactinia hermaphroditica* (Carlgren, 1959); *Aulactinia incubans* Dunn, Chia, & Levine, 1980; *Aulactinia inornata* (Stimpson, 1856); *Aulactinia maculosa* (Carlgren, 1954); *Aulactinia marplatensis* (Zamponi, 1977); *Aulactinia mortenseni* (Carlgren, 1924); *Aulactinia nikobarica* (Carlgren, 1928); *Aulactinia octoradiata* (Carlgren, 1899); *Aulactinia patagoniensis* (Carlgren, 1899); *Aulactinia reynaudi* (Milne Edwards, 1857); *Aulactinia rubripunctata* (Grube, 1840); *Aulactinia rubrofusca* (Carlgren, 1924); *Aulactinia sinensis* Li & Liu, 2012; *Aulactinia spetsbergensis* (Kwietniewski, 1898); *Aulactinia stella* (Verrill, 1864); *Aulactinia sulcata* (Clubb, 1902); *Aulactinia veratra* (Drayton in Dana, 1846); *Aulactinia verrucosa* (Pennant, 1777)**

Comment: Authorship in agreement with Neave (1939) [Ref. 595].

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

***Aulorchis* Hertwig, 1888** [Ref. 382]

Gender: Masculine

Type species: ***Aulorchis paradoxa* Hertwig, 1888** [Ref. 382] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Gender: Masculine

Originally included one species.

Valid species: ***Aulorchis paradoxa* Hertwig, 1888**

Comment: Authorship in agreement with Neave (1939) [Ref. 595].

Family: **Liponematidae Hertwig, 1882**

***Aureliania* Gosse, 1860** [Ref. 356], p. 282

Alternative rendering: *Aureliana*

Gender: Feminine

Type species: ***Corynactis heterocera* Thompson, 1853** [Ref. 251], designated by Carlgren (1949) [Ref. 31], in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included two species.

Comment: Authorship in agreement with Neave (1939) [Ref. 595] and with Carlgren (1949).

Type genus of Aurelianiidae Andres, 1883 [Ref. 6170]

***Austroneophellia* Zamponi, 1978** [Ref. 274]

Gender: Feminine

Type species: ***Austroneophellia luciae* Zamponi, 1978** [Ref. 274] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Austroneophellia luciae* Zamponi, 1978**

Comment: Authorship in agreement with Edwards *et al.* (1996) [Ref. 1344].

Family: **Isanthidae Carlgren, 1938** [Ref. 283]

***Bartholomea* Duchassaing & Michelotti, 1864** [Ref. 322], p. 39

Alternative rendering: *Batholomea*

Gender: Feminine

Type species: *Actinia annulata* Le Sueur, 1817, designated by Stephenson (1920) [Ref. 449] in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913]. Species not originally included in genus as required (International Code of Zoological Nomenclature Article 69.2), but junior subjective synonym *Bartholomea solifera* Duchassaing & Michelotti, 1864, was.

Originally included three species.

Valid species: ***Bartholomea annulata* (Le Sueur, 1817); *Bartholomea peruviana* (Pax, 1912); *Bartholomea pseudotagetes* Pax, 1924; *Bartholomea wernerii* Watzl, 1922**

Comments: Authorship in agreement with Neave (1939) [Ref. 595]; Carlgren (1949) gave 1866 as year genus was published.

Family: **Aiptasiidae Carlgren, 1924** [Ref. 208]

***Bathydactylus* Carlgren, 1928** [Ref. 198]

Gender: Neuter

Type species: ***Bathydactylus valdiviae* Carlgren, 1928** [Ref. 198] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Bathydactylus kroghi* Carlgren, 1956; *Bathydactylus valdiviae* Carlgren, 1928**

Comment: Authorship in agreement with Neave (1939) [Ref. 595] and with Carlgren (1949) [Ref. 31].

Family: **Actinostolidae Carlgren, 1932** [Ref. 288]

***Bathypheilia* Carlgren, 1932** [Ref. 288], p. 262

Gender: Feminine

Type species: *Phellia margaritacea* Danielssen, 1890 [Ref. 321] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Bathypheilia australis* Dunn, 1983; *Bathypheilia margaritacea* (Danielssen, 1890)**

Comment: Authorship in agreement with Neave (1940) [Ref. 597] and with Carlgren (1949) [Ref. 31].

Type genus of **Bathypheiliidae Carlgren, 1932** [Ref. 288]

***Bellactis* Dube, 1983** [Ref. 1327], p. 83–84

Gender: Feminine

Type species: ***Bellactis ilkalysae* Dube, 1983** [Ref. 1327] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Bellactis ilkalysae* Dube, 1983**

Comment: Generic name unavailable in Dube (1974) [Ref. 1477], which does not meet International Code of Zoological Nomenclature Article 8 criteria of publication.

Family: *incertae sedis*

Bicidiopsis Verrill, 1922 [Ref. 477], p. 125–126

Gender: Feminine

Type species: No type species has been designated for this genus, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included two species.

Comment: Authorship in agreement with Neave (1939) [Ref. 595].

Bicidium Agassiz, 1861 [Ref. 612], p. 23–24

Gender: Neuter

Type species: *Bicidium parasiticum* Agassiz, 1861 [Ref. 612] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1939) [Ref. 595].

***Bolocera* Gosse, 1860** [Ref. 356], p. 185

Alternative rendering: *Bulocera*

Gender: Feminine

Type species: *Actinia tuediae* Johnston, 1832 [Ref. 632] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Bolocera africana* Pax, 1909; *Bolocera kensmithi* Eash-Loucks & Fautin, 2012; *Bolocera kerguelensis* Studer, 1879; *Bolocera maxima* Carlgren, 1921; *Bolocera norvegica* Pax, 1909; *Bolocera pannosa* McMurrich, 1893; *Bolocera paucicornis* Dunn, 1983; *Bolocera somaliensis* Carlgren, 1928; *Bolocera tuediae* (Johnston, 1832)

Comments: In agreement with Neave (1939) [Ref. 595], senior homonym of lepidopteran genus *Bolocera* of Kirby, W. F., 1892, A Synonymic Catalogue of Lepidoptera Heterocera. (Moths.), p. 744, which is a misspelling of *Holocera* as noted in Berg, C., 1899, Observaciones sobre lepidópteros Argentinos y otros Sudamericanos. Anales del Museo Nacional de Buenos Aires, series 2, 6:38. Authorship of actiniarian genus in agreement with Neave (1939) [Ref. 595] and with Carlgren (1949).

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

***Boloceractis* Panikkar, 1937** [Ref. 178], p. 76–77

Gender: Feminine

Type species: *Boloceractis gopalai* Panikkar, 1937 [Ref. 178] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Boloceractis gopalai* Panikkar, 1937

Comment: Authorship in agreement with Neave (1950) [Ref. 598] and with Carlgren (1949) [Ref. 31].

Family: **Boloceroididae Carlgren, 1924** [Ref. 209]

***Boloceroides* Carlgren, 1899** [Ref. 149], p. 43–44

Gender: Masculine

Type species: *Bolocera mcmurrichi* Kwietniewski, 1898 [Ref. 125] by original designation, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Boloceroides hermaphroditica* Carlgren, 1900; *Boloceroides mcmurrichi* (Kwietniewski, 1898)

Comment: Authorship in agreement with Neave (1939) [Ref. 595] and with Carlgren (1949).

Type genus of **Boloceroididae Carlgren, 1924** [Ref. 209]

***Boloceropsis* McMurrich, 1904** [Ref. 391], p. 255

Gender: Feminine

Type species: *Boloceropsis platei* McMurrich, 1904 [Ref. 391] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Boloceropsis platei* McMurrich, 1904

Comment: Authorship in agreement with Neave (1939) [Ref. 595] and with Carlgren (1949) [Ref. 31].

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

***Botryon* Carlgren & Hedgpeth, 1952** [Ref. 307], p. 166

Gender: Neuter

Type species: *Botryon tuberculatus* Carlgren & Hedgpeth, 1952 [Ref. 307] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Botryon tuberculata* Carlgren & Hedgpeth, 1952

Comment: Authorship in agreement with Edwards & Hopwood (1966) [Ref. 599].

Family: *incertae sedis*

Bulocera—see ***Bolocera***

Bunodactis Verrill, 1899 [Ref. 470], p. 42

Alternative rendering: *Bonodactis*

Gender: Feminine

Type species: *Actinia verrucosa* Pennant, 1777 [Ref. 637] by original designation, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913]; Stephenson (1921) [Ref. 450] stated it is *Bunodactis gemmacea*, which Verrill (1899) [Ref. 473] gave as a subjective synonym of “*B. verrucosa* (Penn.)”. Species described as *Actinia verrucosa* currently placed in *Aulactinia*.

Originally included 12 species.

Comments: Authorship in agreement with Neave (1939) [Ref. 595] and with Carlgren (1949). Verrill (1899) [Ref. 470] created as replacement name for some species that had been in *Bunodes*, not including its type species.

Type genus of Bunodactinidae Verrill, 1899 [Ref. 470]

Bunodella Pfeffer, 1889 [Ref. 188]

Gender: Feminine

Type species: *Bunodella georgiana* Pfeffer, 1889 [Ref. 188] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comments: *Bunodella* Pfeffer (1889) homonym of xiphosuran genus *Bunodella* of Matthew, G. F., 1889, On some remarkable organisms of the Silurian and Devonian rocks in southern New Brunswick. Proceedings and Transactions of the Royal Society of Canada 6(4):56, and senior homonym of actiniarian genus *Bunodella* Verrill (1899) [Ref. 470]. Authorship of actiniarian genera in agreement with Neave (1939) [Ref. 595]; Neave gave 1888 for the Matthew genus, year for which transactions were, so considered Pfeffer name junior to it. Published volume of transactions dated 1889, without day or month, as is true of Pfeffer publication. Thus uncertain whether Matthew or Pfeffer genus senior, contrary to Fautin *et al.* (2007) [Ref. 5913], who considered Pfeffer genus junior.

Bunodella Verrill, 1899 [Ref. 470], p. 43–44

Gender: Feminine

Type species: *Aulactinia stelloides* McMurrich, 1889 [Ref. 387] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Objective synonym of *Isoaulactinia* Belém, Herrera Moreno, & Schlenz, 1996, because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Comments: In agreement with Neave (1939) [Ref. 595], *Bunodella* Verrill (1899) junior homonym of [1] xiphosuran genus *Bunodella* of Matthew, G. F., 1889, On some remarkable organisms of the Silurian and Devonian rocks in southern New Brunswick. Proceedings and Transactions of the Royal Society of Canada 6(4):56; and [2] actiniarian genus *Bunodella* Pfeffer (1889). Although not created as replacement name, *Isoaulactinia* currently considered valid because *Bunodella* Verrill, 1899, a junior homonym.

Bunodeopsis Andres, 1881 [Ref. 4], p. 315

Gender: Feminine

Type species: *Bunodeopsis strumosa* Andres, 1881 [Ref. 4] by monotypy, in agreement with Carlgren (1949) [Ref. 31], who gave 1880 as year species was published, and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Bunodeopsis antilliensis* Duerden, 1897; *Bunodeopsis australis* Haddon, 1898; *Bunodeopsis medusoides* (Fowler, 1888); *Bunodeopsis pelagica* (Quoy & Gaimard, 1833); *Bunodeopsis strumosa* Andres, 1881

Comment: Authorship in agreement with Neave (1939) [Ref. 595] but not with Carlgren (1949), who gave 1880 as year genus was published.

Family: **Boloceroiidae** Carlgren, 1924 [Ref. 209]

Bunodes Gosse, 1855 [Ref. 95], p. 274

Gender: Feminine. Determined by the fact that all adjectival species names with which *Bunodes* was initially combined are feminine.

Type species: *Actinia crassicornis* Müller, 1776 [Ref. 167] by monotypy. Fautin *et al.* (2007) [Ref. 5913] erroneously stated it to be *Actinia gemmacea*, citing designation of “*B. verrucosa* (Pennant) = *B. gemmacea* (Ellis)” by Haddon (1889) [Ref. 362].

Objective synonym of *Tealia* Gosse, 1858, and of *Urticina Ehrenberg, 1834* [Ref. 58], because all have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Comments: In agreement with Neave (1939) [Ref. 595], junior homonym of xiphosuran genus *Bunodes* of Eichwald C. E., 1854, Die Grauwackenschichten von Live- und Esthland. Bulletin de la Société Impériale des Naturalistes de Moscou 27(1):107–108. Authorship of both genera in agreement with Neave (1939) [Ref. 595].

Type genus of Bunodidae Gosse, 1858 [Ref. 96]

Bunodosoma Verrill, 1899 [Ref. 470], p. 44

Alternative rendering: *Bunodosma*

Gender: Neuter

Type species: *Actinia granulifera* Le Sueur, 1817 [Ref. 128] by original designation, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included two species.

Valid species: ***Bunodosoma biscayense* (Fischer, 1874); *Bunodosoma caissarum* Corrêa in Belém, 1987; *Bunodosoma californicum* Carlgren, 1951; *Bunodosoma cangicum* Belém & Preslercravo, 1973; *Bunodosoma capense* (Lesson, 1830); *Bunodosoma cavernatum* (Bosc, 1802); *Bunodosoma diadema* (Drayton in Dana, 1846); *Bunodosoma fallax* (Pax, 1922); *Bunodosoma goanense* den Hartog & Vennam, 1993; *Bunodosoma grande* (Verrill, 1869); *Bunodosoma granuliferum* (Le Sueur, 1817); *Bunodosoma kuekenthali* Pax, 1910; *Bunodosoma spherulatum* Duerden, 1902**

Comment: Authorship in agreement with Neave (1939) [Ref. 595] and with Carlgren (1949).

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

Cactosoma Danielssen, 1890 [Ref. 321], p. 82–86

Alternative rendering: *Castosoma*

Gender: Neuter

Type species: ***Cactosoma abyssorum* Danielssen, 1890** [Ref. 321] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Cactosoma abyssorum* Danielssen, 1890; *Cactosoma arenarium* Carlgren, 1931; *Cactosoma asperum* (Stephenson, 1918); *Cactosoma chilense* (McMurrich, 1904)**

Comment: Authorship in agreement with Neave (1939) [Ref. 595] and with Carlgren (1949).

Family: **Halcampidae Andres, 1883** [Ref. 6170]

Cadetactis new genus herein

Gender: Feminine

Type species: *Charisella elongata* Carlgren, 1950 [Ref. 311]. ***Cadetactis*** replacement name (International Code of Zoological Nomenclature Article 60.3) for junior homonym *Charisella* Carlgren, 1950 [Ref. 311], so they have same type species (Article 67.8).

Objective synonym of *Charisella* because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Valid species: ***Cadetactis elongata* (Carlgren, 1950)**

Family: **Condylanthidae Stephenson, 1922** [Ref. 451]

***Calamactinia* Carlgren, 1949** [Ref. 31], p. 28

Gender: Feminine

Type species: ***Calamactinia gouhiensis* Carlgren, 1949** [Ref. 31] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Calamactinia gouhiensis* Carlgren, 1949**

Comment: Authorship in agreement with Edwards & Hopwood (1966) [Ref. 599].

Family: **Halcampoididae Appellöf, 1896** [Ref. 602]

***Calamactis* Carlgren, 1951** [Ref. 304], p. 416

Gender: Feminine

Type species: ***Calamactis praelongus* Carlgren, 1951** [Ref. 304] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Calamactis praelonga* Carlgren, 1951**

Comments: Edwards & Hopwood (1966) [Ref. 599] stated genus described by Carlgren in 1949 [Ref. 31]. *Calamactis* in Carlgren (1949) is a *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 13.3.1. No type species was designated because the single included species, *Calamactis praelongus*, was a *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 13.1.1.

Family: **Halcampoididae Appellöf, 1896** [Ref. 602]

***Calliactis* Verrill, 1869** [Ref. 458], p. 481

Alternative rendering: *Calliactus*

Gender: Feminine

Type species: *Actinia decorata* Couthouy in Dana, 1846 [Ref. 318] by original designation, in agreement with Stephenson (1920) [Ref. 449], with Carlgren (1949) [Ref. 31], and with Fautin *et al.* (2007) [Ref. 5913]; designation by England (1987) [Ref. 63] of *Priapus polypus* Forsskål, 1775 (a senior subjective synonym) as type species redundant.

Originally included six species.

Valid species: ***Calliactis algoaensis* Carlgren, 1938; *Calliactis androgyna* Riemann-Zürneck, 1975; *Calliactis annulata* Carlgren, 1922; *Calliactis argentacolorata* Pei, 1996; *Calliactis armillatas* Verrill, 1928; *Calliactis brevicornis* (Studer, 1879); *Calliactis conchiola* Parry, 1952; *Calliactis japonica* Carlgren, 1928; *Calliactis marmorata* Studer, 1879; *Calliactis parasitica* (Couch, 1842); *Calliactis polypores* Pei, 1996; *Calliactis polypus* (Forsskål, 1775); *Calliactis reticulata* Stephenson, 1918; *Calliactis sinensis* (Verrill, 1869); *Calliactis tricolor* (Le Sueur, 1817); *Calliactis valdiviae* Carlgren, 1938; *Calliactis variegata* Verrill, 1869; *Calliactis xishaensis* Pei, 1996**

Comment: Authorship in agreement with Neave (1939) [Ref. 595] and with Carlgren (1949).

Family: **Hormathiidae Carlgren, 1932** [Ref. 288]

Calliphobe—see ***Kalliphobe***

***Cancrisocia* Stimpson, 1856** [Ref. 239], p. 376

Gender: Feminine

Type species: ***Cancrisocia expansa* Stimpson, 1856** [Ref. 239] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Cancrisocia expansa* Stimpson, 1856**

Comments: Neave (1939) [Ref. 595] gave 1855 as year genus was published. Verrill (1928) [Ref. 263] gave name incorrectly as *Carcinophila*. Pei (1998) [Ref. 765] placed in family Actiniidae.

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

***Capnea* Forbes, 1841** [Ref. 85], p. 82

Alternative renderings: *Capnæa*, *Kapnea*

Gender: Feminine

Type species: ***Capnea sanguinea* Forbes, 1841** [Ref. 85] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Capnea georgiana* (Carlgren, 1927); *Capnea indica* (Verrill, 1869); *Capnea japonica* (Carlgren, 1940); *Capnea sanguinea* Forbes, 1841**

Comments: Neave (1939) [Ref. 594] stated the genus should be spelled *Kapnea*. Acting as First Reviser (International Code of Zoological Nomenclature Article 24.2.1), Dunn (1983) [Ref. 344] chose to follow majority usage in spelling the genus *Capnea*.

Type genus of **Capneidae Gosse, 1860** [Ref. 356]

Capneopsis Duchassaing & Michelotti, 1864 [Ref. 322], p. 34

Gender: Feminine

Type species: *Capneopsis solidago* Duchassaing & Michelotti, 1864 [Ref. 322] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1939) [Ref. 595].

***Carcinactis* Uchida, 1960** [Ref. 567], p. 595

Alternative rendering: *Carsanactis*

Gender: Feminine

Type species: ***Carcinactis ichikawai* Uchida, 1960** [Ref. 567] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Carcinactis dolosa* Riemann-Zürneck, 1975; *Carcinactis ichikawai* Uchida, 1960**

Comment: Authorship in agreement with Edwards & Ververs (1975) [Ref. 600].

Family: *incertae sedis*

***Carlgrenia* Stephenson, 1918** [Ref. 442], p. 109

Gender: Feminine

Type species: ***Carlgrenia desiderata* Stephenson, 1918** [Ref. 442] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Carlgrenia desiderata* Stephenson, 1918**

Comment: Authorship in agreement with Neave (1939) [Ref. 595] and with Carlgren (1949) [Ref. 31].

Family: **Halcuriidae Carlgren, 1918** [Ref. 158]

Carlgreniella Watzl, 1922 [Ref. 479], p. 66

Gender: Feminine

Type species: *Carlgreniella robusta* Watzl, 1922 [Ref. 479] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1939) [Ref. 595].

Castosoma—see ***Cactosoma***

Catadiomene Stephenson, 1920 [Ref. 449], p. 558

Gender: Feminine

Type species: No type species has been designated for this genus, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included three species

Comment: Authorship in agreement with Neave (1939) [Ref. 595].

***Cataphellia* Stephenson, 1929** [Ref. 447], p. 133

Gender: Feminine

Type species: *Phellia brodricii* Gosse, 1859 [Ref. 98] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Cataphellia brodricii* (Gosse, 1859)**

Comment: Authorship in agreement with Neave (1939) [Ref. 595] and with Carlgren (1949) [Ref. 31].

Family: **Hormathiidae Carlgren, 1932** [Ref. 288]

Ceratactis Milne Edwards, 1857 [Ref. 508], p. 237–238

Gender: Feminine

Type species: No type species has been designated for this genus, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included two species

Comment: Authorship in agreement with Neave (1939) [Ref. 595].

Cereactis Andres, 1881 [Ref. 4], p. 319

Gender: Feminine

Type species: *Actinia aurantiaca* Delle Chiaje, 1822 [Ref. 1511] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line).

Type genus of Cereactinidae Andres, 1881 [Ref. 4]

Cereus Ilmoni, 1830 [Ref. 661]

Gender: Masculine

Type species: *Cereus cupreus* Ilmoni, 1830 [Ref. 661]; see comments below.

Originally included one species.

Valid species: ***Cereus filiformis* (Rapp, 1829); *Cereus herpetodes* (McMurrich, 1904); *Cereus minor* (Andres, 1883); *Cereus pedunculatus* (Pennant, 1777)**

Comments: Type species now recognized to belong in order Ceriantharia, but all other species placed in genus belong in order Actiniaria. Appeal by Fautin *et al.* (2012) [Ref. 6228] to the International Commission on Zoological Nomenclature to change type species to an actinarian pending; while an appeal is pending, prevailing usage is to be maintained (International Commission on Zoological Nomenclature Article 82.1). *Cereus* is included here because currently used only for actinarians.

Family: *incertae sedis*

Charisea Torrey, 1902 [Ref. 253], p. 388

Gender: Feminine

Type species: ***Charisea saxicola* Torrey, 1902** [Ref. 253] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Charisea saxicola* Torrey, 1902**

Comment: Authorship in agreement with Neave (1939) [Ref. 595] and with Carlgren (1949) [Ref. 31].

Family: **Condylanthidae Stephenson, 1922** [Ref. 451]

Charisella Carlgren, 1950 [Ref. 311], p. 430

Gender: Feminine

Type species: *Charisella elongata* Carlgren, 1950 [Ref. 311] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Objective synonym of *Cadetactis* n. gen. because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Comments: Edwards & Hopwood (1966) [Ref. 599] stated genus described by Carlgren (1949) [Ref. 31]. *Charisella* in Carlgren (1949) a *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 13.3.1 because the originally designated type species, *Charisella elongata*, was a *nomen nudum*, being unavailable under International Code of Zoological Nomenclature Article 13.1.1. In agreement with Neave (1950) [Ref. 598] and with Edwards & Hopwood (1966) [Ref. 599], junior homonym of fish genus *Charisella* of Fowler, W. H., 1939, Zoological results of the Denison-Crockett South Pacific Expedition for the Academy of Natural Sciences of Philadelphia, 1937–1938. Part III - the fishes, Proceedings of the Academy of Natural Sciences of Philadelphia 91:90–91. Replaced by *Cadetactis* herein.

***Chermadion* Pax, 1924** [Ref. 415], p. 12

Gender: Neuter

Type species: ***Chermadion chinense* Pax, 1924** [Ref. 415] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Chermadion chinense* Pax, 1924**

Comment: Not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line).

Family: *incertae sedis*

Chitonactis Fischer, 1874 [Ref. 78], p. 226

Alternative rendering: *Chitonactes*

Gender: Feminine

Type species: *Bunodes coronata* Gosse, 1858 [Ref. 97] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1939) [Ref. 595].

Chitonanthus McMurrich, 1893 [Ref. 386], p. 189–190

Gender: Masculine

Type species: *Phellia pectinata* Hertwig, 1882 [Ref. 379] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913]; species currently placed in ***Hormathia***.

Originally included one species.

Comment: Authorship in agreement with Neave (1939) [Ref. 595].

Chondractinia Lütken, 1861 [Ref. 708], p. 188–191

Alternative rendering: *Chondrachtinia*

Gender: Feminine

Type species: *Actinia digitata* Müller, 1776 [Ref. 167] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Actinia digitata Müller, 1776, senior subjective synonym of *Hormathia margaritae* Gosse, 1859 [Ref. 98]. Therefore, *Chondractinia* and ***Homathia*** objective synonyms because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Comments: Described as a subgenus of *Actinia*. Authorship in agreement with Neave (1939) [Ref. 595]. England (1987: 279) [Ref. 63] stated *Chondractinia* is “congeneric with *Hormathia*” (presumably he meant synonymous) and cited Haddon in further asserting *Chondractinia* is a *nomen nudum*.

Chondranthus Migot & Portmann, 1926 [Ref. 161], p. 19–30

Gender: Masculine

Type species: *Chondranthus denudatus* Migot & Portmann, 1926 [Ref. 161] by monotypy; Fautin *et al.* (2007) [Ref. 5913] rendered the name *C. denudatum* and cited Migot & Portmann, 1926 [Ref. 588].

Originally included one species.

Comment: Authorship stated by Neave (1939) [Ref. 595] incorrect: error same as that by Fautin *et al.* (2007), above.

Chondroaster Carlgren, 1941 [Ref. 299], p. 16

Gender: Masculine

Type species: *Amphianthus giganteus* Carlgren, 1941 [Ref. 299] by monotypy.

Originally included one species.

Comments: Proposed provisionally; accepted as available under International Code of Zoological Nomenclature Article 15.1. Not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line).

Chondrodactis Wassilieff, 1908 [Ref. 478], p. 35

Gender: Feminine

Type species: No type species has been designated for this genus, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included three species

Comment: Authorship in agreement with Neave (1939) [Ref. 595].

***Chondrophellia* Carlgren, 1925** [Ref. 203], p. 6

Alternative rendering: *Chondrophella*

Gender: Feminine

Type species: *Actinauge nodosa* var. *coronata* Verrill, 1883 [Ref. 467] by original designation, in agreement with Carlgren (1949) [Ref. 31] and Fautin *et al.* (2007) [Ref. 5913]; the latter omitted varietal name and stated it was by monotypy.

Originally included one species.

Valid species: ***Chondrophellia africana* Carlgren, 1928; *Chondrophellia coronata* (Verrill, 1883); *Chondrophellia orangina* Zelnio, Rodríguez, & Daly, 2009**

Comment: Authorship in agreement with Neave (1939) [Ref. 595] and with Carlgren (1949).

Family: **Hormathiidae Carlgren, 1932** [Ref. 288]

Choriactis McMurrich, 1904 [Ref. 391], p. 272

Gender: Feminine

Type species: *Actinia impatiens* Couthouy in Dana, 1846 [Ref. 318], designated by Stephenson (1920) [Ref. 449], in agreement with Fautin *et al.* (2007) [Ref. 5913]; Carlgren (1949) [Ref. 31] gave 1849 as year species was published.

Objective synonym of ***Paractis* Milne Edwards & Haime, 1851** [Ref. 162], because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included two species.

Comment: Neave (1939) [Ref. 595] gave 1905 as year genus was published; evidence is it was 1904, the year given by Carlgren (1949).

Chrysoela Gosse, 1860 [Ref. 356], p. 123

Gender: Feminine

Type species: *Actinia chrysoeplenum* W.P. Cocks in Johnston, 1847 [Ref. 694] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comments: Proposed provisionally; considered available under International Code of Zoological Nomenclature Article 15.1. Genus attributed to Stephenson (1935) [Ref. 505] by Fautin *et al.* (2007) [Ref. 5913]. Not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line).

***Cladactella* Verrill, 1928** [Ref. 263]

Gender: Feminine

Type species: *Bunodactis manni* Verrill, 1899 [Ref. 472], designated by Carlgren (1949) [Ref. 31], in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included two species.

Valid species: ***Cladactella manni* (Verrill, 1899); *Cladactella obscura* Verrill, 1928**

Comment: Authorship in agreement with Neave (1939) [Ref. 595] and with Carlgren (1949).

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

Cladactis Panceri, 1868 [Ref. 648], p. 30–32

Gender: Feminine

Type species: *Cladactis costa* Panceri, 1868 [Ref. 648] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comments: In agreement with Neave (1939) [Ref. 595], *Cladactis* Panceri (1868) junior homonym of echinoderm genus *Cladactis* of Rafinesque, C. S., 1815, *Analyse de la Nature*, 153; senior homonym of actiniarian genus *Cladactis* Verrill, 1869 [Ref. 458]. Authorship of echinoderm genus in agreement with Neave (1939) [Ref. 595], but Neave gave 1869 as year *Cladactis* described by Panceri was published.

Cladactis Verrill, 1869 [Ref. 458], p. 471–472

Gender: Feminine

Type species: *Cladactis grandis* Verrill, 1869 [Ref. 458] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Objective synonym of *Eucladactis* Verrill, 1899 [Ref. 470], because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Comments: In agreement with Neave (1939) [Ref. 595], *Cladactis* Verrill (1869) junior homonym of [1] echinoderm genus *Cladactis* of Rafinesque, C. S., 1815, *Analyse de la Nature*, p. 153; and [2] actiniarian genus *Cladactis* Panceri (1868). Verrill (1899) resolved homonymy by creating replacement name (International Code of Zoological Nomenclature Article 60.3) *Eucladactis* for junior homonym. Authorship of echinoderm genus and of Verrill's genus in agreement with Neave (1939) [Ref. 595].

***Cnidanthea* Carlgren, 1959** [Ref. 309], p. 34–36

Gender: Feminine

Type species: ***Cnidanthea maculata* Carlgren, 1959** [Ref. 309] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Cnidanthea maculata* Carlgren, 1959**

Comment: Authorship in agreement with Edwards & Ververs (1975) [Ref. 600].

Family: **Isanthidae Carlgren, 1938** [Ref. 283]

***Cnidanthus* Carlgren, 1927** [Ref. 210], p. 50

Gender: Masculine

Type species: *Paractis polaris* Clubb, 1908 [Ref. 35] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Cnidanthus polaris* (Clubb, 1908)**

Comment: Authorship in agreement with Neave (1939) [Ref. 595] and with Carlgren (1949) [Ref. 31].

Family: **Actinostolidae Carlgren, 1932** [Ref. 288]

Cnidopus Carlgren, 1934 [Ref. 291], p. 351

Gender: Masculine

Type species: *Epiactis ritteri* Torrey, 1902 [Ref. 253] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1939) [Ref. 595] and with Carlgren (1949) [Ref. 31].

Comactis Milne Edwards, 1857 [Ref. 508], p. 236

Gender: Feminine

Type species: *Actinia flagellifera* Drayton *in* Dana, 1846 [Ref. 318], designated by Carlgren (1928) [Ref. 198]; Fautin *et al.* (2007) [Ref. 5913] erroneously stated no type species had been designated.

Objective synonym of ***Pseudactinia* Carlgren, 1928**, because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included two species.

Comment: Authorship in agreement with Neave (1939) [Ref. 595].

***Condylactis* Duchassaing & Michelotti, 1864** [Ref. 322], p. 30–31

Alternative rendering: *Codylactis*

Gender: Feminine

Type species: *Condylactis passiflora* Duchassaing & Michelotti, 1864 [Ref. 322] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913], junior subjective synonym of *Anthea gigantea* Weinland, 1860 (Carlgren, 1949) [Ref. 31]. Carlgren (1949) listed the type species as *Actinia aurantiaca* Delle Chiaje, 1825, a species not originally included in genus so ineligible to be its type species (International Code of Zoological Nomenclature Article 69.2).

Originally included one species.

Valid species: *Condylactis aspera* Haddon & Shackleton, 1893; *Condylactis aurantiaca* (Delle Chiaje, 1825); *Condylactis doreensis* (Quoy & Gaimard, 1833); *Condylactis gigantea* (Weinland, 1860); *Condylactis parvicornis* Kwietniewski, 1898

Comments: Authorship in agreement with Neave (1939) [Ref. 595] but Carlgren (1949) gave 1866 as year genus was published.

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

***Condylanthus* Carlgren, 1899** [Ref. 148], p. 15

Gender: Masculine

Type species: *Condylanthus magellanicus* Carlgren, 1899 [Ref. 148] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Condylanthus aucklandicus* Carlgren, 1924; *Condylanthus magellanicus* Carlgren, 1899

Comment: Neave (1939) [Ref. 595] gave 1898 as year genus was published; evidence is it was 1899, the year given by Carlgren (1949).

Type genus of **Condylanthidae Stephenson, 1922** [Ref. 451]

Corynactis—see Corallimorpharia

Cradactis McMurrich, 1893 [Ref. 386], p. 197

Gender: Feminine

Type species: *Cradactis digitata* McMurrich, 1893 [Ref. 386] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1939) [Ref. 595].

Crambactis Haeckel, 1876 [Ref. 104], p. 4

Alternative rendering: *Crambractis*

Gender: Feminine

Type species: *Crambactis arabica* Haeckel, 1876 [Ref. 104] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Neave (1939) [Ref. 595] gave 1875 for the genus but 1876 for the publication.

Type genus of Crambactinidae Andres, 1883 [Ref. 6170]

Cribrina Ehrenberg, 1834 [Ref. 58]

Alternative rendering: *Cribina*

Gender: Feminine

Type species: *Actinia coriacea* Cuvier, 1798 [Ref. 769], designated by Thompson (1858) [Ref. 252]; not *Priapus polypus* Forsskål, 1775, designated by Haddon (1889) [Ref. 362], who asserted that this originally included species had been intended by Ehrenberg to be type species, and recognized by Fautin *et al.* (2007) [Ref. 5913]. Species described as *Actinia coriacea* currently placed in *Urticina*.

Originally included 10 species.

Comment: Authorship in agreement with Neave (1939) [Ref. 595].

Type genus of Cribrinidae McMurrich, 1901 [Ref. 389]

***Cribrinopsis* Carlgren, 1921** [Ref. 196], p. 155–156

Gender: Feminine

Type species: *Cribrinopsis similis* Carlgren, 1921 [Ref. 196] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Cribrinopsis albopunctata* Sanamyan & Sanamyan, 2006; *Cribrinopsis crassa* (Andres, 1881); *Cribrinopsis fernaldi* Siebert & Spaulding, 1976; *Cribrinopsis olegi* Sanamyan & Sanamyan, 2006; *Cribrinopsis robertii* Parulekar, 1971; *Cribrinopsis similis* Carlgren, 1921; *Cribrinopsis williamsi* Carlgren, 1940

Comments: Neave (1939) [Ref. 595] gave 1922 as publication date of genus; Carlgren (1949) gave the date correctly.

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

Cricophorus Carlgren, 1924 [Ref. 208], p. 252

Gender: Masculine

Type species: *Sagartia nutrix* Stuckey, 1909 [Ref. 244] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Objective synonym of *Handactis* n. gen. because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Comments: In agreement with Neave (1939) [Ref. 595], junior homonym of gastropod genus *Cricophorus* Kobelt, W. & O. Moellendorff, 1897, Catalog der gegenwärtig lebend bekannten Pneumonopomen. Nachrichtenblatt der Deutschen Malakozoologischen Gesellschaft, 29:111. Authorship of actinarian genus in agreement with Carlgren (1949) [Ref. 31]; that of both genera in agreement with Neave (1939) [Ref. 595]. Replaced by *Handactis* herein.

Cryptodendrum Klunzinger, 1877 [Ref. 121], p. 86

Alternative renderings: *Criptodendrum*, *Cryptodendron*

Gender: Neuter

Type species: *Cryptodendrum adhaesivum* Klunzinger, 1877 [Ref. 121] by monotypy, in agreement with Dunn (1981) [Ref. 325] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Cryptodendrum adhaesivum* Klunzinger, 1877

Comment: Authorship in agreement with Neave (1939) [Ref. 595] and with Carlgren (1949) [Ref. 31].

Type genus of Cryptodendridae Andres, 1883 [Ref. 6170]

Family: **Thalassianthidae Milne Edwards & Haime, 1851** [Ref. 162]

Cyananthea Doumenc & Van-Praët, 1988 [Ref. 53], p. 65

Alternative renderings: *Cyanthea*, *Cyanththea*

Gender: Feminine

Type species: *Cyananthea hydrothermala* Doumenc & Van-Praët, 1988 [Ref. 53] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Cyananthea hourdezi* Zelnio, Rodríguez, & Daly, 2009; *Cyananthea hydrothermala* Doumenc & Van-Praët, 1988

Comment: Not listed in Nomenclator Zoologicus (Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line).

Family: **Actinoscyphiidae Stephenson, 1920** [Ref. 449]

Cylista Wright, 1859 [Ref. 949], p. 180

Gender: Feminine

Type species: No type species has been designated for this genus, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included three species.

Comment: Neave (1939) [Ref. 595] credited genus to Gosse (1860), who placed the same three species in the genus.

Cymbactis McMurrich, 1893 [Ref. 386], p. 174

Gender: Feminine

Type species: *Cymbactis faeculenta* McMurrich, 1893 [Ref. 386] by monotypy, in agreement with Stephenson (1920) [Ref. 449] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1939) [Ref. 595].

Cyrtactis Thompson, 1858 [Ref. 252], p. 148

Gender: Feminine

Type species: "*Actinia clavata*": both Ilmoni, 1830 [Ref. 661] and Rathke, 1843 [Ref. 620] described a species by that name; Thompson did not specify the sense in which he used the name. Fautin *et al.* (2007) [Ref. 5913] asserted no type species had been designated, citing ambiguity of the name *Actinia clavata*.

Originally included one species.

Comments: Authorship in agreement with Neave (1939) [Ref. 595]. Genus name a *nomen dubium* because type species *Actinia clavata* is ambiguous

***Cystiactis* Milne Edwards, 1857** [Ref. 508], p. 276

Gender: Feminine

Type species: No type species has been designated for this genus, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Cystiactis eugenia* Duchassaing & Michelotti, 1864; *Cystiactis eydouxii* Milne Edwards, 1857; *Cystiactis gaudichaudi* Milne Edwards, 1857; *Cystiactis koellikeri* Pax, 1910**

Family: *incertae sedis*

***Dactylanthus* Carlgren, 1911** [Ref. 156], p. 2

Alternative rendering: *Dactylantus*

Gender: Masculine

Type species: *Cystiactis antarctica* Clubb, 1908 [Ref. 35] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Dactylanthus antarcticus* (Clubb, 1908)**

Comments: According to Neave (1939) [Ref. 594], senior homonym of echinoderm genus *Dactylanthus* of Lambert, J., 1912 [not seen; given as "Mém. Soc. Pal. Suisse, 38, Ech. néog. Rhône, 89."]. Authorship of actiniarian genus in agreement with Neave (1939) and with Carlgren (1949) [Ref. 31].

Family: **Preactiniidae England in England & Robson, 1984** [Ref. 61]

Dactylominyas Andres, 1883 [Ref. 6170], p. 562, 564–565

Alternative rendering: *dactylominyas*

Gender: Masculine

Type species: No type species has been designated for this genus, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included three species.

Comment: Authorship in agreement with Neave (1939) [Ref. 594].

***Daontesia* Carlgren, 1942** [Ref. 197], p. 5

Gender: Feminine

Type species: *Sagartiogeton praelongus* Carlgren, 1928 [Ref. 201] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Daontesia mielchei* Carlgren, 1956; *Daontesia porcupina* Riemann-Zürneck, 1997; *Daontesia praelonga* (Carlgren, 1928)**

Comment: Authorship in agreement with Edwards & Hopwood (1966) [Ref. 599] and with Carlgren (1949) [Ref. 31].

Family: **Bathypheiliidae Carlgren, 1932** [Ref. 288]

Decaphellia Bourne, 1918 [Ref. 25], p. 60

Gender: Feminine

Type species: *Decaphellia psammomitra* Bourne, 1918 [Ref. 25] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1939) [Ref. 594] and with Carlgren (1949) [Ref. 31].

Dendractis Andres, 1883 [Ref. 6170], p. 572–573

Gender: Feminine

Type species: *Actinia priapus* Tilesius, 1809 [Ref. 613] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line).

Diactis Hutton, 1880 [Ref. 761], p. 275

Gender: Feminine

Type species: *Diactis crocata* Hutton, 1880 [Ref. 761] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comments: Not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line). Fautin *et al.* (2007) [Ref. 5913] gave 1879 as year genus was published. Senior homonym of myriapod genus *Diactis* of Loomis, H. F., 1937, Crested millipeds of the family Lysiopetalidae in North America, with descriptions of new genera and species. Proceedings of the United States National Museum 84:110–111. Authorship of myriapod genus in agreement with Edwards & Tobias (1993).

***Diadumene* Stephenson, 1920** [Ref. 449], p. 521

Alternative renderings: *Diadumine*, *Diadunema*, *diadumene*

Gender: Feminine

Type species: *Sagartia schilleriana* Stoliczka, 1869 [Ref. 241] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Diadumene cincta* Stephenson, 1925; *Diadumene crocata* (Hutton, 1880); *Diadumene franciscana* Hand, 1956; *Diadumene kameruniensis* Carlgren, 1927; *Diadumene leucolena* (Verrill, 1866); *Diadumene lighti* Hand, 1956; *Diadumene lineata* (Verrill, 1869); *Diadumene neozelanica* Carlgren, 1924; *Diadumene schilleriana* (Stoliczka, 1869)**

Comment: Authorship in agreement with Neave (1939) [Ref. 594] and with Carlgren (1949).

Type genus of **Diadumenidae Stephenson, 1920** [Ref. 449]

Dimyactis Pax, 1922 [Ref. 413], p. 87

Gender: Feminine

Type species: *Dimyactis duplicata* Pax, 1922 [Ref. 413] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1939) [Ref. 594].

Type genus of Dimyactinidae Pax, 1922 [Ref. 413]

Diphthera Sluiter, 1888 [Ref. 541], p. 233

Gender: Feminine

Type species: *Diphthera oktoplax* Sluiter, 1888 [Ref. 541] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comments: Not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line). Neave (1939) [Ref. 594] listed lepidopteran *Diphthera* described by Ochsenheimer, 1816 [not seen; given as "Schmett. Europa, 4, 63"]; thus actiniarian name appears to be junior homonym.

Diplactis McMurrich, 1889 [Ref. 546], p. 110–111

Gender: Feminine

Type species: No type species has been designated for this genus, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included two species.

Comments: Scleractinian genus *Diplactis* of Munier-Chalmas in Bernard, F., 1895, *Élément de Plaléntologie*, p. 176, a *nomen nudum*: not having been accompanied by a description or a definition of the taxon that it denoted, it is unavailable (International Code of Zoological Nomenclature Article 12.1). Authorship of both genera in agreement with Neave (1939) [Ref. 594].

Diplostephanus Brandt, 1835 [Ref. 65], p. 10

Gender: Masculine

Type species: No type species has been designated for this genus; not included in Fautin *et al.* (2007) [Ref. 5913].

Originally included 14 species.

Comments: Described as a subgenus of *Actinia*. Authorship in agreement with Neave (1939) [Ref. 594].

Disactis—see *Dysactis*

Discosoma—see *Corallimorpharia*

Discosomoides Haddon, 1898 [Ref. 363], p. 470

Gender: Masculine

Type species: *Actinia tapetum* Hemprich & Ehrenberg in Ehrenberg, 1834 [Ref. 58] by original designation; not included in Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1939) [Ref. 594].

***Dofleinia* Wassilieff, 1908** [Ref. 478], p. 13

Alternative renderings: *Dofelinia*, *Dofleina*, *Doflenia*

Gender: Feminine

Type species: ***Dofleinia armata* Wassilieff, 1908** [Ref. 478] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Dofleinia armata* Wassilieff, 1908**

Comments: In agreement with Nomenclator Zoologicus 10 (on line), actiniarian senior homonym of crustacean genus *Dofleinia* of McLaughlin, P. A. & A. Asakura, 2004, Reevaluation of the hermit crab genus *Parapagurodes* McLaughlin & Haig, 1973 (Decapoda: Anomura: Paguroidea: Paguridae) and a new genus for *Parapagurodes doederleini* (Doflein, 1902). Proceedings of the Biological Society of Washington 117:54–55. Authorship of actiniarian genus in agreement with Neave (1939) [Ref. 594] and with Carlgren (1949) [Ref. 31].

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

***Drillactis* Verrill, 1922** [Ref. 477], p. 133

Gender: Feminine

Type species: *Edwardsia pallida* Verrill, 1880 [Ref. 464] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Drillactis leucomelos* (Parry, 1951); *Drillactis pallida* (Verrill, 1880)**

Comments: Authorship in agreement with Carlgren (1949). Not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line).

Family: **Edwardsiidae Andres, 1881** [Ref. 4]

Dysactis Milne Edwards, 1857 [Ref. 508], p. 262

Alternative rendering: *Disactis*

Gender: Feminine

Type species: *Actinia biserialis* Forbes, 1840 [Ref. 84], designated by Thompson (1858) [Ref. 252], contrary to Fautin *et al.* (2007) [Ref. 5913], who recognized no type species for the genus.

Originally included four species.

Comment: Authorship in agreement with Neave (1939) [Ref. 594].

***Echinactis* Milne Edwards & Haime, 1851** [Ref. 162], p. 9

Gender: Feminine

Type species: *Sarcophinanthus papillosus* Lesson, 1830 [Ref. 123] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Echinactis papillosa* (Lesson, 1830)**

Comment: Authorship in agreement with Neave (1939) [Ref. 594].

Family: *incertae sedis*

Ectacmaea Ehrenberg, 1834 [Ref. 58], p. 262–263

Gender: Feminine

Type species: *Actinia candida* Müller, 1776 [Ref. 167], designated by den Hartog (1980) [Ref. 378], contrary to Fautin *et al.* (2007) [Ref. 5913], who recognized no type species for the genus.

Originally included two species.

Comments: Described as a subgenus of *Actinia*. Authorship in agreement with Neave (1939) [Ref. 594].

***Edwardsia* de Quatrefages, 1842** [Ref. 193], p. 68

Alternative renderings: *Edwardsa*, *Edwarsia*

Gender: Feminine

Type species: ***Edwardsia beautempsii* de Quatrefages, 1842** [Ref. 193], designated by Delphy (1938) [Ref. 658]; Williams (1981) [Ref. 491], England (1987) [Ref. 63], and Fautin *et al.* (2007) [Ref. 5913] credited the designation to Carlgren (1949) [Ref. 31].

Originally included three species.

Valid species: *Edwardsia allmanni* M'Intosh, 1866; *Edwardsia andresi* Danielssen, 1890; *Edwardsia annamensis* Carlgren, 1943; *Edwardsia arctica* Carlgren, 1921; *Edwardsia arenosa* Klunzinger, 1877; *Edwardsia athalyei* England, 1990; *Edwardsia beautempsii* de Quatrefages, 1842; *Edwardsia californica* (McMurrich, 1913); *Edwardsia capensis* Carlgren, 1938; *Edwardsia carlgreni* Carlgren, 1921; *Edwardsia claparedii* (Panceri, 1869); *Edwardsia clavata* (Rathke, 1843); *Edwardsia collaris* Stimpson, 1856; *Edwardsia coriacea* Moseley, 1877; *Edwardsia costata* Danielssen, 1890; *Edwardsia danica* Carlgren, 1921; *Edwardsia delapiae* Carlgren & Stephenson, 1928; *Edwardsia duodecimentaculata* Carlgren, 1931; *Edwardsia elegans* Verrill, 1869; *Edwardsia finmarchica* Carlgren, 1921; *Edwardsia flaccida* Marion, 1882; *Edwardsia fusca* Danielssen, 1890; *Edwardsia goodsiri* M'Intosh, 1866; *Edwardsia handi* Daly & Ljubenkova, 2008; *Edwardsia incerta* Carlgren, 1921; *Edwardsia isimangaliso* Daly, Perissinotto, Laird, Dyer, & Todaro, 2012; *Edwardsia islandica* Carlgren, 1921; *Edwardsia ivelli* Manuel, 1975; *Edwardsia japonica* Carlgren, 1931; *Edwardsia jonesii* Seshaiya & Cuttress, 1969; *Edwardsia juliae* Daly & Ljubenkova, 2008; *Edwardsia kameruniensis* Carlgren, 1927; *Edwardsia longicornis* Carlgren, 1921; *Edwardsia mcmurrichi* Daly & Ljubenkova, 2008; *Edwardsia mammillata* Bourne, 1916; *Edwardsia maroccana* Carlgren, 1931; *Edwardsia meridionalis* Williams, 1981; *Edwardsia neozelanica* Farquhar, 1898; *Edwardsia norvegica* Carlgren, 1942; *Edwardsia octoplax* (Sluiter, 1888); *Edwardsia octoradiata* Carlgren, 1931; *Edwardsia olguini* Daly & Ljubenkova, 2008; *Edwardsia perdita* Williams, 1981; *Edwardsia profunda* Daly & Ljubenkova, 2008; *Edwardsia rigida* Marion, 1882; *Edwardsia rubricollum* Stimpson, 1856; *Edwardsia rugosa* Bourne, 1916; *Edwardsia sanctaehelenae* Carlgren, 1941; *Edwardsia scabra* Marion, 1882; *Edwardsia sipunculoides* (Stimpson, 1853); *Edwardsia sulcata* Verrill, 1864; *Edwardsia tecta* Haddon, 1889; *Edwardsia timida* de Quatrefages, 1842; *Edwardsia tinctoria* Annandale, 1915; *Edwardsia tuberculata* Dueben & Koren, 1847; *Edwardsia vegae* Carlgren, 1921; *Edwardsia vitrea* (Danielssen, 1890); *Edwardsia vivipara* Carlgren, 1950; *Edwardsia willeyana* Bourne, 1916

Comments: Crustacean genus *Edwardsia* of Costa, O.-G., 1834 (Cenni Zoologici Ossia Descrizione Sommaria delle Specie Nuove di Animali: 62–63) suppressed by the International Commission on Zoological Nomenclature for the purpose of both the Principle of Priority and the Principle of Homonymy in Opinion 1294 (Bulletin of Zoological Nomenclature 42:31–33; April 1985). In agreement with Neave (1939) [Ref. 594], senior homonym of [1] gastropod genus *Edwardsia* of Koenen, 1865, Die Fauna der unter-oligocänen Tertiärschichten von Helmstädt bei Braunschweig. Zeitschrift der Deutschen Geologischen Gesellschaft 17:480–481; [2] lepidopteran genus *Edwardsia* of Neumoegen, B., 1880, Description of a new genus and species of Zygaenidae. Canadian Entomologist 12:67–68; and [3] lepidopteran genus *Edwardsia* of Tutt, J. W., 1907, A Natural History of British Lepidoptera 9:144. Authorship of the non-actinarian genera in agreement with Neave (1939) [Ref. 594], who gave 1841 as publication date of de Quatrefages; in 1841, de Quatrefages proposed *Edwardsia* for a new genus of actinarian that "se rapproche des Holothuries" but placed no species in it so it is unavailable (International Code of Zoological Nomenclature Article 12.2.5). de Quatrefages made genus available in 1842, as stated by Carlgren (1949).

Type genus of **Edwardsiidae Andres, 1881** [Ref. 4]

***Edwardsianthus* England, 1987** [Ref. 63], p. 224

Gender: Masculine

Type species: *Edwardsia pudica* Klunzinger, 1877 [Ref. 121] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Edwardsianthus gilbertensis* (Carlgren, 1931); *Edwardsianthus pudicus* (Klunzinger, 1877)**

Comment: Not listed in Nomenclator Zoologicus (Edwards *et al.*, 1996 [Ref. 1344]; volume 10 on line).

Family: **Edwardsiidae Andres, 1881** [Ref. 4]

***Edwardsiella* Andres, 1883** [Ref. 6170], p. 305–306

Gender: Feminine

Type species: *Edwardsia carnea* Gosse, 1856 [Ref. 631], designated by Manuel (1981) [Ref. 384], in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included four species.

Valid species: ***Edwardsiella carnea* (Gosse, 1856); *Edwardsiella ignota* (Carlgren, 1959); *Edwardsiella janthina* (Andres, 1881); *Edwardsiella lineata* (Verrill, 1873); *Edwardsiella loveni* (Carlgren, 1892)**

Comments: In agreement with Edwards & Hopwood (1966) [Ref. 599], Edwards & Vevers (1975) [Ref. 600], and Nomenclator Zoologicus 10 (on line), senior homonym of [1] scleractinian genus *Edwardsiella* Rukhin, 1937 [not seen; given by Edwards & Vevers, 1975, as "Upper Silurian Tabulata of the Turkestan mountain range Khan-Tengri: 1–99"] for which replacement name (International Code of Zoological Nomenclature Article 60.3) *Cylindrostylus* was created by Sokolov, 1955 [not seen; given by Edwards & Hopwood, 1966, as "Trud. vses. nef. nach-issled. Geol. Raz. Inst., N.S. 85, 225"]; and [2] dinoflagellate genus (described under the zoological code) *Edwardsiella* Versteegh, J. M. & D. Zevenboom, 1995, Review of Palaeototany and Palynology 85:217–220. Authorship of actinarian genus in agreement with Neave (1939) [Ref. 594]; authorship of scleractinian in agreement with Edwards & Vevers (1975).

Family: **Edwardsiidae Andres, 1881** [Ref. 4]

***Edwardsioides* Danielssen, 1890** [Ref. 321], p. 100–105

Gender: Masculine

Type species: *Edwardsioides vitrea* Danielssen, 1890 [Ref. 321] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913]. Designation by England (1987) [Ref. 63] of *Edwardsioides vitrea* as type species redundant.

Originally included one species.

Comments: Authorship in agreement with Neave (1939) [Ref. 594]. Carlgren (1921) [Ref. 196] put *Edwardsioides vitrea* Danielssen, 1890, in *Edwardsia*, thereby making *Edwardsioides* invalid. Transfer by England (1990) [Ref. 72] of species described as *Edwardsia mammillata* Bourne (1918) [Ref. 24] to *Edwardsioides* nomenclaturally disallowed.

Edwardsia—see ***Edwardsia***

Eloactis Andres, 1883 [Ref. 6170], p. 464

Gender: Feminine

Type species: *Ilyanthus mazeli* Jourdan, 1880 [Ref. 119], designated by Haddon (1898) [Ref. 363], in agreement with Fautin *et al.* (2007) [Ref. 5913]. *Ilyanthus mazeli* not originally included in genus as required (International Code of Zoological Nomenclature Article 69.2), but senior subjective synonym of *Anemonactis magnifica* Andres, 1881 [Ref. 4].

Originally included two species.

Comments: Authorship in agreement with Neave (1939) [Ref. 594]. Labeled as n.n. [*nomen novum*] by Andres (1883) [Ref. 6170], who created this as a replacement name for *Anemonactis* (Andres, 1881), which he considered homonymous with *Ammonactis* (Verrill, 1865) [Ref. 457]. An unnecessary substitute name available nonetheless (International Code of Zoological Nomenclature Article 10.6). Because *Anemonactis* did not have to be replaced, is available, and is considered valid, the single species currently in *Eloactis* has been moved to it.

***Eltaninactis* Dunn, 1983** [Ref. 344], p. 56

Gender: Feminine

Type species: ***Eltaninactis infundibulum* Dunn, 1983** [Ref. 344] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Eltaninactis infundibulum* Dunn, 1983; *Eltaninactis psammophora* Sanamyan, 2001**

Comment: Authorship in agreement with Edwards *et al.*, 1996 [Ref. 1344].

Family: **Isanthidae Carlgren, 1938** [Ref. 283]

Elyanthus—see *Ilyanthus*

Endocoelactis unavailable

Carlgren (1897) [Ref. 589] did not assign an available species name in combination with this genus name (International Code of Zoological Nomenclature Article 12.2.5). Species discussed without a name by Carlgren (1897) named by McMurrich (1901) [Ref. 390] *Halcurias Carlgreni*.

Type genus of Endocoelactinidae (which, for comparable reasons, is unavailable)

Englandactis new genus herein

Gender: Feminine

Type species: *Sicyopus commensalis* Gravier, 1918 [Ref. 101]. ***Englandactis*** replacement name (International Code of Zoological Nomenclature Article 60.3) for junior homonym *Sicyopus* Gravier, 1918 [Ref. 101], so they have same type species (Article 67.8).

Objective synonym of *Sicyopus* because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Valid species: ***Englandactis commensalis* (Gravier, 1918)**

Family: *incertae sedis*

***Entacmaea* Ehrenberg, 1834** [Ref. 58]

Alternative renderings: *Entacmea*, *Entacmaea*, *entacmaea*

Gender: Feminine

Type species: *Actinia quadricolor* Leuckart in Rüppell & Leuckart, 1828 [Ref. 220], designated by Dunn (1981) [Ref. 325], in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included 15 species.

Valid species: ***Entacmaea dubium* (Carlgren, 1900); *Entacmaea dysancritum* (Pax, 1907); *Entacmaea euchlorum* (Hemprich & Ehrenberg in Ehrenberg, 1834); *Entacmaea helianthus* (Hemprich & Ehrenberg in Ehrenberg, 1834); *Entacmaea incerta* (McMurrich, 1904); *Entacmaea inaequale* (McMurrich, 1893); *Entacmaea medusivora* Fautin & Fitt, 1991; *Entacmaea monodi* (Carlgren, 1927); *Entacmaea quadricolor* (Leuckart in Rüppell & Leuckart, 1828); *Entacmaea sanctithomae* (Pax, 1910); *Entacmaea selkirkii* (McMurrich, 1904); *Entacmaea stimpsonii* (Fewkes, 1889); *Entacmaea triste* (Carlgren, 1900); *Entacmaea tulearensis* (Pax, 1909)**

Comments: Described as a subgenus of *Actinia*. Authorship in agreement with Neave (1939) [Ref. 594].

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

***Epiactis* Verrill, 1869** [Ref. 458], p. 492

Gender: Feminine

Type species: ***Epiactis prolifera* Verrill, 1869** [Ref. 458] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Epiactis adeliana* Carlgren & Stephenson, 1929; *Epiactis arctica* (Verrill, 1868); *Epiactis australiensis* Carlgren, 1950; *Epiactis brucei* Carlgren, 1939; *Epiactis fecunda* (Verrill, 1899); *Epiactis fernaldi* Fautin & Chia, 1986; *Epiactis georgiana* Carlgren, 1927; *Epiactis incerta* Carlgren, 1921; *Epiactis irregularis* Carlgren, 1951; *Epiactis japonica* (Verrill, 1869); *Epiactis lewisi* Carlgren, 1940; *Epiactis lisbethae* Fautin & Chia, 1986; *Epiactis marsupialis* Carlgren, 1901; *Epiactis neozealandica* Stephenson, 1918; *Epiactis nordmanni* Carlgren, 1921; *Epiactis prolifera* Verrill, 1869; *Epiactis ritteri* Torrey, 1902; *Epiactis thompsoni* (Coughtrey, 1875); *Epiactis vincentina* Carlgren, 1939**

Comment: Authorship in agreement with Neave (1939) [Ref. 594] and with Carlgren (1949).

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

Epicladia Hemprich & Ehrenberg in Ehrenberg, 1834 [Ref. 58]

Gender: Feminine

Type species: *Epicladia quadrangula* Hemprich & Ehrenberg in Ehrenberg, 1834 [Ref. 58] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comments: Authorship in agreement with Neave (1939) [Ref. 594]. Not on p. 62 of Carlgren (1949) [Ref. 31] as listed in index.

Epicystis Ehrenberg, 1834 [Ref. 58]

Gender: Feminine

Type species: *Actinia crucifera* Le Sueur, 1817 [Ref. 128], designated by Verrill (1898) [Ref. 469], in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included five species.

Comment: Authorship in agreement with Neave (1939) [Ref. 594].

Epigonactis Verrill, 1899 [Ref. 473], p. 378

Gender: Feminine

Type species: No type species has been designated for this genus, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included two species.

Comment: Authorship in agreement with Neave (1939) [Ref. 594].

***Epiparactis* Carlgren, 1921** [Ref. 196], p. 198–199

Alternative rendering: *Epiraractis*

Gender: Feminine

Type species: ***Epiparactis dubia* Carlgren, 1921** [Ref. 196] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Epiparactis dubia* Carlgren, 1921**

Comments: Authorship in agreement with Carlgren (1949) [Ref. 31]; Neave (1939) [Ref. 594] gave 1922 as publication date of genus.

Family: **Actinoscyphiidae Stephenson, 1920** [Ref. 449]

***Epiphellia* Carlgren, 1950** [Ref. 311], p. 450

Gender: Feminine

Type species: *Epiphellia anneae* Carlgren, 1950 [Ref. 311] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included two species.

Valid species: *Epiphellia anneae* Carlgren, 1950; *Epiphellia australis* Carlgren, 1950; *Epiphellia browni* (Wilsmore, 1911); *Epiphellia capitata* (Wilsmore, 1911); *Epiphellia elongata* Carlgren, 1950; *Epiphellia pusilla* (Verrill, 1928)

Comments: Edwards & Hopwood (1966) [Ref. 599] stated genus was described by Carlgren in 1949 [Ref. 31]. In that publication, *Epiphellia* was a *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 13.3.1 because the originally designated type species, *Epiphellia anneae*, a *nomen nudum*, was unavailable under International Code of Zoological Nomenclature Article 13.1.1.

Family: **Isophelliidae Stephenson, 1935** [Ref. 505]

Eubolocera Verrill, 1922 [Ref. 477], p. 117

Gender: Feminine

Type species: *Bolocera multicornis* Verrill, 1880 [Ref. 464] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1939) [Ref. 594].

Eucladactis Verrill, 1899 [Ref. 470], p. 49

Gender: Feminine

Type species: *Cladactis grandis* Verrill, 1869 [Ref. 458], in agreement with Fautin *et al.* (2007) [Ref. 5913]. *Eucladactis* replacement name (International Code of Zoological Nomenclature Article 60.3) for junior homonym *Cladactis* Verrill, 1869, so they have same type species (Article 67.8).

Originally included one species.

Objective synonym of *Cladactis* Verrill, 1869, because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Comment: Authorship in agreement with Neave (1939) [Ref. 594].

Eumenides Lesson, 1830 [Ref. 123], p. 81

Gender: Feminine

Type species: *Eumenides ophiseocoma* Lesson, 1830 [Ref. 123] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Eumenides ophiseocoma* Lesson, 1830

Comment: Authorship in agreement with Neave (1939) [Ref. 594].

Family: *incertae sedis*

Euphellia Pax, 1908 [Ref. 403], p. 475

Gender: Feminine

Type species: *Euphellia cinclidifera* Pax, 1908 [Ref. 403] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Euphellia cinclidifera* Pax, 1908

Comment: Authorship in agreement with Neave (1939) [Ref. 594] and with Carlgren (1949) [Ref. 31].

Family: **Isophelliidae Stephenson, 1935** [Ref. 505]

Evactis Verrill, 1869 [Ref. 458], p. 470–471

Gender: Feminine

Type species: *Actinia artemisia* Pickering in Dana, 1846 [Ref. 318] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included two species.

Comment: Authorship in agreement with Neave (1939) [Ref. 594] and with Carlgren (1949) [Ref. 31].

***Exocoelactis* Carlgren, 1925** [Ref. 202], p. 91

Gender: Feminine

Type species: *Polysiphonia tuberosa* Hertwig, 1882 [Ref. 379], in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913]. ***Exocoelactis*** replacement name (International Code of Zoological Nomenclature Article 60.3) for junior homonym *Polysiphonia*, so they have same type species (Article 67.8).

Objective synonym of *Polysiphonia* Hertwig, 1882, because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

No species explicitly included originally.

Valid species: ***Exocoelactis actinostoloides* (Wassilieff, 1908); *Exocoelactis tuberosa* (Hertwig, 1882)**

Comment: Authorship in agreement with Neave (1940) [Ref. 597] and with Carlgren (1949).

Type genus of **Exocoelactinidae Carlgren, 1925** [Ref. 202]

Fagesia Delphy, 1938 [Ref. 658], p. 620

Alternative rendering: *Favesia*

Gender: Feminine

Type species: *Milneedwardsia loveni* Carlgren, 1892 [Ref. 550], in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913]. *Fagesia* replacement name (International Code of Zoological Nomenclature Article 60.3) for junior homonym *Milne-Edwardsia*, so they have same type species (Article 67.8).

Objective synonym of *Milneedwardsia* Carlgren, 1892 [Ref. 550], because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Comments: Junior homonym of cephalopod genus *Fagesia* of Pervinquière, L., 1907, *Études de Paléontologie Tunisienne. I. Céphalopodes des Terrains Secondaires*, p. 319–322. Authorship of cephalopod genus in agreement with Neave (1939) [Ref. 594]; actiniarian genus not listed in *Nomenclator Zoologicus* (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line). Authorship of actiniarian genus in agreement with Carlgren (1949).

Farsonia Stephenson, 1925 [Ref. 444], p. 887

Gender: Feminine

Type species: *Diadumene cincta* Stephenson, 1925 [Ref. 444] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comments: Not listed in *Nomenclator Zoologicus* (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line). Proposed provisionally, in case the type species does not fit in *Diadumene*; accepted as available under International Code of Zoological Nomenclature Article 15.1.

Fenja Danielssen, 1887 [Ref. 583], p. 3

Gender: Feminine

Type species: *Fenja mirabilis* Danielssen, 1887 [Ref. 583] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Neave (1939) [Ref. 594] gave 1888 as publication date of genus.

***Flosmaris* Stephenson, 1920** [Ref. 449], p. 484

Gender: Masculine. Gender problematic because "maris" (which is neuter) is genitive, but a genus name must be or be treated as a noun in the nominative singular (International Code of Zoological Nomenclature Article 11.8). International Code of Zoological Nomenclature Article 30.2.4 states "If no gender was specified or indicated, the name is to be treated as masculine" except under conditions that do not apply here.

Type species: ***Flosmaris phellioides* Stephenson, 1920** [Ref. 449] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Flosmaris bathamae* Hand, 1961; *Flosmaris grandis* Hand & Bushnell, 1967; *Flosmaris mutsuensis* (Uchida, 1938); *Flosmaris phelloides* Stephenson, 1920

Comment: Authorship in agreement with Neave (1939) [Ref. 594] and with Carlgren (1949) [Ref. 31].

Type genus of Flosmarinidae Stephenson, 1920 [Ref. 449]

Family: **Isophelliidae Stephenson, 1935** [Ref. 505]

***Galatheanthemum* Carlgren, 1956** [Ref. 310], p. 10

Gender: Neuter

Type species: ***Galatheanthemum profundale* Carlgren, 1956** [Ref. 310] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included two species.

Valid species: ***Galatheanthemum hadale* Carlgren, 1956; *Galatheanthemum profundale* Carlgren, 1956**

Comment: Authorship in agreement with Edwards & Vevers (1975) [Ref. 600].

Type genus of **Galatheanthemidae Carlgren, 1956** [Ref. 310]

Gephyra Koch, 1878 [Ref. 642], p. 78–79

Gender: Feminine

Type species: *Gephyra dohrnii* Koch, 1878 [Ref. 642] by monotypy, in agreement with Carlgren (1925) and with Fautin *et al.* (2007) [Ref. 5913]. *Gephyra* replaced by *Gephyropsis*, so they have same type species (International Code of Zoological Nomenclature Article 67.8).

Objective synonym of *Gephyropsis* Carlgren, 1925, because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Comments: In agreement with Neave (1939) [Ref. 594], junior homonym of [1] lepidopteran genus *Gephyra* of Walker, F., 1859, List of the Specimens of Lepidopterous Insects in the Collecton [sic] of the British Museum, p. 848–849; and [2] arachnid genus *Gephyra* of Koch, L., 1871, Die Arachniden Australiens nach der Natur Beschrieben und Abgebildet. Actiniarian genus not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line). Authorship of lepidopteran genus in agreement with Neave (1939) [Ref. 594], who gave 1873 for date of arachnid genus.

Gephyropsis Carlgren, 1925 [Ref. 203], p. 4

Gender: Feminine

Type species: *Gephyra dohrnii* Koch, 1878 [Ref. 642], in agreement with Fautin *et al.* (2007) [Ref. 5913]. *Gephyropsis* replacement name (International Code of Zoological Nomenclature Article 60.3) for junior homonym *Gephyra*, so so they have same type species (Article 67.8).

Objective synonym of *Gephyra* Koch, 1878, because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one named species (in the description, Carlgren referred also to an unnamed species).

Comment: Authorship in agreement with Neave (1939) [Ref. 594].

***Glandulactis* Riemann-Zürneck, 1978** [Ref. 430], p. 84

Gender: Feminine

Type species: *Actinostola spetsbergensis* Carlgren, 1893 [Ref. 145] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Glandulactis spetsbergensis* (Carlgren, 1893)**

Comment: Authorship in agreement with Edwards *et al.* (1996) [Ref. 1344].

Family: **Actinostolidae Carlgren, 1932** [Ref. 288]

***Gliactis* Gravier, 1918** [Ref. 101], p. 7

Alternative rendering: *Gliatactis*

Gender: Feminine

Type species: ***Gliactis crassa* Gravier, 1918** [Ref. 101] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].
Originally included one species.
Valid species: ***Gliactis crassa* Gravier, 1918**
Comment: Authorship in agreement with Neave (1939) [Ref. 594].
Family: **Hormathiidae Carlgren, 1932** [Ref. 288]

***Glyphoperidium* Roule, 1909** [Ref. 219], p. 10–11

Alternative rendering: *Gylphoperidium*

Gender: Neuter

Type species: ***Glyphoperidium bursa* Roule, 1909** [Ref. 219] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Glyphoperidium bursa* Roule, 1909**

Comment: Authorship in agreement with Neave (1939) [Ref. 594] and with Carlgren (1949) [Ref. 31].

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

Glyphostylum Roule, 1909 [Ref. 219], p. 14–16

Gender: Neuter

Type species: *Glyphostylum calyx* Roule, 1909 [Ref. 219] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1939) [Ref. 594] and with Carlgren (1949) [Ref. 31].

***Gonactinia* Sars, 1851** [Ref. 644], p. 142

Alternative renderings: *Gonactia*, *Gonactinea*

Gender: Feminine

Type species: *Actinia prolifera* Sars, 1835 [Ref. 697] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Gonactinia prolifera* (Sars, 1835)**

Comments: Neave (1939) [Ref. 594] gave 1850 as publication date of genus; Carlgren (1949) [Ref. 31] gave it correctly.

Type genus of **Gonactiniidae Carlgren, 1893** [Ref. 145]

***Gregoria* Gosse, 1860** [Ref. 356], p. 145

Gender: Feminine

Type species: ***Gregoria fenestrata* Gosse, 1860** [Ref. 356] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Gregoria fenestrata* Gosse, 1860**

Comment: Authorship in agreement with Neave (1939) [Ref. 594].

Family: *incertae sedis*

Glyphoperidium—see ***Glyphoperidium***

***Gymnophellia* England, 1992** [Ref. 73], p. 83–84

Gender: Feminine

Type species: ***Gymnophellia hutchingsae* England, 1992** [Ref. 73] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Gymnophellia hutchingsae* England, 1992**

Comment: Authorship in agreement with Edwards *et al.* (1996) [Ref. 1344].

Family: **Isophelliidae Stephenson, 1935** [Ref. 505]

***Gyractis* Boveri, 1893** [Ref. 26], p. 246–249

Gender: Feminine

Type species: *Gyractis excavata* Boveri, 1893 [Ref. 26], designated by Fautin *et al.* (2007) [Ref. 5913]. *Actinioides sesere* Haddon & Shackleton, 1893 [Ref. 364], senior subjective synonym of *G. excavata*.

Originally included two species.

Valid species: ***Gyractis sesere* (Haddon & Shackleton, 1893); *Gyractis spenceri* (Haddon & Duerden, 1896)**

Comments: Authorship in agreement with Neave (1939) [Ref. 594]. Nomenclature discussed by England (1987) [Ref. 63] and Fautin *et al.* (2007) [Ref. 5913].

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

Gyrostoma Kwietniewski, 1897 [Ref. 400], p. 30

Alternative rendering: *Gysostoma*

Gender: Neuter

Type species: *Gyrostoma hertwigi* Kwietniewski, 1897 [Ref. 400] by monotypy, in agreement with Stephenson (1922) [Ref. 451] and with Carlgren (1949) [Ref. 31]. Junior subjective synonym of ***Entacmaea quadricolor***.

Originally included one species.

Comments: Kwietniewski (1898) [Ref. 125] repeated description by Kwietniewski (1897) in nearly the same words. In agreement with Neave (1939) [Ref. 594]. junior homonym of [1] hymenopteran genus *Gyrostoma* of Kirby, W. & W. Spence, 1828, An Introduction to Entomology: or Elements of the Natural History of Insects, edition 5, 3:36; and [2] mollusc genus *Gyrostoma* of Gray, J. E., 1857, Guide to the Systematic Distribution of Mollusca in the British Museum part 1, p. 103. Neave (1939) [Ref. 594] listed a mollusc genus *Gyrostoma* of Hesse, P., 1909, Die systematische Stellung von *Helix leachii* Fér. und *gyrostoma* Fér. Zoologische Jahrbücher, Abteilung für Systematik, Geographie und Biologie der Tiere 27:320; however, in that reference, the name seems to have been applied to a species. Authorship of all genera in agreement with Neave (1939) [Ref. 594]; Carlgren (1949) gave 1898 as publication date of actiniarian genus.

Type genus of Gyrostomidae Kwietniewski, 1898 [Ref. 125]

***Habrosanthus* Cutress, 1961** [Ref. 592], p. 95

Gender: Masculine

Type species: ***Habrosanthus bathamae* Cutress, 1961** [Ref. 592] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Habrosanthus bathamae* Cutress, 1961**

Comment: Authorship in agreement with Edwards & Ververs (1975) [Ref. 600].

Family: *incertae sedis*

***Hadalanthus* Carlgren, 1956** [Ref. 310], p. 13

Gender: Masculine

Type species: ***Hadalanthus knudseni* Carlgren, 1956** [Ref. 310] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Hadalanthus knudseni* Carlgren, 1956**

Comment: Authorship in agreement with Edwards & Ververs (1975) [Ref. 600].

Family: **Actinostolidae Carlgren, 1932** [Ref. 288]

Haddonactis new genus herein

Gender: Feminine

Type species: *Chitonactis expansa* Haddon, 1886 [Ref. 781]. ***Haddonactis*** replacement name (International Code of Zoological Nomenclature Article 60.3) for junior homonym *Paraphellia* Haddon, 1889 [Ref. 362], so they have same type species (Article 67.8).

Objective synonym of *Paraphellia* Haddon, 1889, because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Valid species: ***Haddonactis expansa* (Haddon, 1886); *Haddonactis hunti* (Haddon & Shackleton, 1893); *Haddonactis lineata* (Haddon & Shackleton, 1893); *Haddonactis sanzoi* (Calabresi, 1926)**

Family: **Hormathiidae Carlgren, 1932** [Ref. 288]

***Halcampa* Gosse, 1858** [Ref. 96], p. 418

Alternative rendering: *Halocampa*

Gender: Feminine

Type species: *Actinia chrysanthellum* C. W. Peach in Johnston, 1847 [Ref. 694] by monotypy, in agreement with Stephenson (1920) [Ref. 449], with Carlgren (1949) [Ref. 31], and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Halcampa abtaoensis* Carlgren, 1959**; ***Halcampa arctica* Carlgren, 1893**; ***Halcampa capensis* Carlgren, 1938**; ***Halcampa chrysanthellum* (Peach in Johnston, 1847)**; ***Halcampa crypta* Siebert & Hand, 1974**; ***Halcampa decemtentaculata* Hand, 1955**; ***Halcampa duodecimcirrata* (Sars, 1851)**; ***Halcampa medusophila* Graeffe, 1884**; ***Halcampa octocirrata* Carlgren, 1927**; ***Halcampa vegae* Carlgren, 1921**

Comment: Authorship in agreement with Neave (1939) [Ref. 594] and with Carlgren (1949).

Type genus of **Halcampidae** Andres, 1883 [Ref. 6170]

***Halcampactis* Farquhar, 1898** [Ref. 75], p. 530

Alternative rendering: *Halcompactis*

Gender: Feminine

Type species: ***Halcampactis mirabilis* Farquhar, 1898** [Ref. 75] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Halcampactis dubia* Stuckey, 1909**; ***Halcampactis mirabilis* Farquhar, 1898**

Comments: Authorship in agreement with Neave (1939) [Ref. 594] and with Carlgren (1949), but genus on p. 36, not on p. 35 as listed in index to Carlgren (1949).

Family: **Haliactinidae** Carlgren, 1949 [Ref. 31]

***Halcampaster* Carlgren, 1938** [Ref. 283], p. 24

Gender: Masculine

Type species: ***Halcampaster teres* Carlgren, 1938** [Ref. 283] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Halcampaster teres* Carlgren, 1938**

Comment: Authorship in agreement with Carlgren (1949) [Ref. 31] and with Neave (1950) [Ref. 598].

Family: **Halcampidae** Andres, 1883 [Ref. 6170]

***Halcampella* Andres, 1883** [Ref. 6170], p. 315

Gender: Feminine

Type species: ***Halcampella maxima* Hertwig, 1888** [Ref. 382], designated in Opinion 2073 of the International Commission on Zoological Nomenclature (Bulletin of Zoological Nomenclature 61[2]:123; June 2004), contrary to Carlgren (1949) [Ref. 31] and to Fautin *et al.* (2007) [Ref. 5913], who recognized the single species originally included, *Halcampa endromitata*.

Originally included one species.

Valid species: ***Halcampella endromitata* (Andres, 1881)**; ***Halcampella fasciata* Rodríguez & López-González, 2002**; ***Halcampella maxima* Hertwig, 1888**; ***Halcampella robusta* Carlgren, 1931**

Comment: Authorship in agreement with Neave (1939) [Ref. 594] and with Carlgren (1949).

Family: **Halcampoididae** Appellöf, 1896 [Ref. 602]

***Halcampogeton* Carlgren, 1937** [Ref. 293], p. 1

Gender: Masculine

Type species: ***Halcampogeton papillosus* Carlgren, 1937** [Ref. 293] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Halcampogeton papillosus* Carlgren, 1937**

Comment: Authorship in agreement with Carlgren (1949) [Ref. 31] and with Neave (1950) [Ref. 598].

Family: **Edwardsiidae Andres, 1881** [Ref. 4]

***Halcampoides* Danielssen, 1890** [Ref. 321], p. 93–98

Gender: Masculine

Type species: ***Halcampoides abyssorum* Danielssen, 1890** [Ref. 321] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Halcampoides abyssorum* Danielssen, 1890; *Halcampoides purpureus* (Studer, 1879)**

Comment: Authorship in agreement with Neave (1939) [Ref. 594] and with Carlgren (1949) [Ref. 31].

Type genus of **Halcampoididae Appellöf, 1896** [Ref. 602]

***Halcampomorpha* Carlgren, 1893** [Ref. 145], p. 38

Alternative rendering: *Halcampomorpha*

Gender: Feminine

Type species: ***Actinia clavus* Quoy & Gaimard, 1833** [Ref. 194] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1939) [Ref. 594].

Type genus of Halcampomorphidae Carlgren, 1893 [Ref. 145]

Halcompactis - see ***Halcampactis***

***Halcurias* McMurrich, 1893** [Ref. 386], p. 142

Gender: Masculine

Type species: ***Halcurias pilatus* McMurrich, 1893** [Ref. 386] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Halcurias capensis* Carlgren, 1928; *Halcurias carlgreni* McMurrich, 1901; *Halcurias endocoelactis* Stephenson, 1918; *Halcurias minimus* Carlgren, 1928; *Halcurias pilatus* McMurrich, 1893; *Halcurias sudanensis* Riemann-Zürneck, 1983**

Comments: Neave (1939) [Ref. 594] gave 1894 as publication date of genus; Carlgren (1949) gave it correctly, and also gave it as type genus of family.

Type genus of **Halcuriidae Carlgren, 1918** [Ref. 158]

***Haliactis* Carlgren, 1921** [Ref. 196], p. 128

Gender: Feminine

Type species: ***Haliactis arctica* Carlgren, 1921** [Ref. 196] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Haliactis arctica* Carlgren, 1921**

Comments: Neave (1939) [Ref. 594] gave 1922 as publication date of genus; Carlgren (1949) [Ref. 31] gave it correctly.

Type genus of **Haliactinidae Carlgren, 1949**

***Halianthella* Kwietniewski, 1896** [Ref. 398], p. 588

Gender: Feminine

Type species: ***Edwardsia kerguelensis* Studer, 1879** [Ref. 262] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913]; Carlgren (1949) [Ref. 31] gave 1878 as publication date of species.

Originally included one species.

Valid species: ***Halianthella annularis* Carlgren, 1938; *Halianthella kerguelensis* (Studer, 1879)**

Comment: Authorship in agreement with Neave (1939) [Ref. 594] and with Carlgren (1949).

Family: **Halcampidae Andres, 1883** [Ref. 6170]

Halianthus Kwietniewski, 1896 [Ref. 398], p. 585

Gender: Masculine

Type species: No type species has been designated for this genus, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included two species

Comments: Not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line). On p. 34–36 of Carlgren (1949) [Ref. 31] but not on p. 33, as listed in index.

Haliplanella Hand, 1956 [Ref. 372], p. 211

Alternative renderings: *Haliphlanella*, *Haliplanela*, *Haliplannella*

Gender: Feminine

Type species: *Sagartia luciae* Verrill, 1898 [Ref. 469] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Objective synonym of *Jancis* Stephenson, 1935 [Ref. 505], because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Comments: Authorship in agreement with Edwards & Hopwood (1966) [Ref. 599]. *Haliplanella* junior objective synonym of *Jancis*. “When the name of a type genus of a nominal family-group taxon is considered to be a junior synonym of the name of another nominal genus, the family-group name is not to be replaced on that account alone” (International Code of Zoological Nomenclature Article 40.1). Junior homonym of annelid genus *Haliplanella* of Treadwell, A.L., 1943, Carnegie Institution of Washington Publication 555:29–59, which is not listed in Nomenclator Zoologicus. Fautin *et al.* (2009) [Ref. 6083] appealed to the International Commission on Zoological Nomenclature to make *Haliplanella* an available actiniarian name. While an appeal is pending, prevailing usage is to be maintained (International Commission on Zoological Nomenclature Article 82.1).

Type genus of **Haliplanellidae** Hand, 1956 [Ref. 372]

Halocampa—see ***Halcampa***. Neave (1939: 555) [Ref. 594] listed “**Halocampa** (pro *Halcampa* Gosse 1858).”

***Haloclava* Verrill, 1899** [Ref. 470], p. 41

Gender: Feminine

Type species: *Actinia producta* Stimpson, 1856 [Ref. 610] by original designation, in agreement with Carlgren (1949) [Ref. 31], with Stephenson (1922), and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species and one variety for certain; three other species named in description that “probably belong to *Eloactis* Andres” currently included in genus

Valid species: ***Haloclava brevicornis* (Stimpson, 1856); *Haloclava capensis* (Verrill, 1865); *Haloclava chinensis* Carlgren, 1931; *Haloclava producta* (Stimpson, 1856); *Haloclava stimpsoni* (Verrill, 1868)**

Comment: Authorship in agreement with Neave (1939) [Ref. 594] and with Carlgren (1949).

Type genus of **Haloclavidae** Verrill, 1899 [Ref. 470]

Handactis new genus herein

Gender: Feminine

Type species: *Sagartia nutrix* Stuckey, 1909 [Ref. 244]. ***Handactis*** replacement name (International Code of Zoological Nomenclature Article 60.3) for junior homonym *Cricophorus* Carlgren, 1924 [Ref. 208], so they have same type species (Article 67.8).

Objective synonym of *Cricophus*, because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included two species.

Valid species: ***Handactis nutrix* (Stuckey, 1909); *Handactis radiatus* (Stimpson, 1856)**

Family: **Hormathiidae** Carlgren, 1932 [Ref. 288]

***Harenactis* Torrey, 1902** [Ref. 253], p. 384

Gender: Feminine

Type species: *Harenactis attenuata* Torrey, 1902 [Ref. 253] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Harenactis argentina* Laretta, Rodríguez, & Penchaszadeh, 2011; *Harenactis attenuata* Torrey, 1902

Comment: Authorship in agreement with Neave (1939) [Ref. 594] and with Carlgren (1949) [Ref. 31].

Family: **Haloclavidae Verrill, 1899** [Ref. 470]

Helaria Stechow, 1921 [Ref. 704]

Gender: Feminine

Type species: *Actinia bellis* Ellis & Solander, 1786 [Ref. 71], by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913]. *Helaria* replacement name (International Code of Zoological Nomenclature Article 60.3) for junior homonym *Heliactis* Thompson, 1858 [Ref. 252], so they have same type species (Article 67.8). Species described as *Actinia bellis* currently placed in *Cereus*.

Objective synonym of *Heliactis* Thompson, 1858, and of *Scyphia* Wright, 1859 [Ref. 949], because all three have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Comment: Authorship in agreement with Neave (1939) [Ref. 594].

Heliactis Thompson, 1858 [Ref. 252], p. 148

Alternative rendering: *Helliactis*

Gender: Feminine

Type species: *Actinia bellis* Ellis & Solander, 1786 [Ref. 71] by monotypy. *Helaria* created by Stechow (1921) [Ref. 704] as replacement name (International Code of Zoological Nomenclature Article 60.3) for junior homonym *Heliactis*, so they have same type species (Article 67.8).

Objective synonym of *Helaria* Stechow, 1921, and of *Scyphia* Wright, 1859 [Ref. 949], because all three have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Comment: According to Neave (1939) [Ref. 594], junior homonym of bird genus *Heliactis* of Lesson, 1837 [not seen: "Compl. Buffon, 9, 154"].

Helianthopsis Kwietniewski, 1898 [Ref. 125], p. 387

Gender: Feminine

Type species: *Helianthopsis ritteri* Kwietniewski, 1898 [Ref. 125] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1939) [Ref. 594].

***Heteractis* Milne Edwards & Haime, 1851** [Ref. 162], p. 10

Gender: Feminine

Type species: *Actinia aurora* Quoy & Gaimard, 1833 [Ref. 194] by monotypy, in agreement with Carlgren (1949) [Ref. 31], with Dunn (1981) [Ref. 325], and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Heteractis aurora* (Quoy & Gaimard, 1833); *Heteractis australiensis* (Carlgren, 1950); *Heteractis crispa* (Hemprich & Ehrenberg in Ehrenberg, 1834); *Heteractis magnifica* (Quoy & Gaimard, 1833); *Heteractis malayensis* (England, 1987); *Heteractis malu* (Haddon & Shackleton, 1893)**

Comments: In agreement with Neave (1939) [Ref. 594], senior homonym of [1] bryozoan genus *Heteractis* of Gabb, W. M. & G. H. Horn, 1862, Monograph of the fossil Polyzoa of the secondary and tertiary formations of North America. Journal of the Academy of Natural Sciences of Philadelphia, series 2, 5:156; [2] hydrozoan genus *Heteractis* of Allman, G. J., 1864, On the construction and limitation of genera among the Hydrozoa. Annals and Magazine of Natural History, series 3, 13:359; and [3] echinoderm genus *Heteractis* of Lambert, J., 1897, Note sur quelques échinides éocènes de l'Aude. Bulletin de la Société Géologique de France, series 3, 25:509. Authorship of all genera in agreement with Neave (1939); Carlgren (1949) gave 1857 as publication date of actiniarian genus.

Type genus of Heteractinidae Andres, 1883 [Ref. 6170]

Family: **Stichodactylidae Andres, 1883** [Ref. 6170]

***Heteranthus* Klunzinger, 1877** [Ref. 121], p. 84

Gender: Masculine

Type species: ***Heteranthus verruculatus* Klunzinger, 1877** [Ref. 121] by monotypy, in agreement with Carlgren (1949) [Ref. 31], with den Hartog (1980) [Ref. 378], and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Heteranthus insignis* Carlgren, 1943; *Heteranthus verruculatus* Klunzinger, 1877**

Comment: Authorship in agreement with Neave (1939) [Ref. 594] and with Carlgren (1949).

Family: **Phymanthidae Andres, 1883** [Ref. 6170]

***Heterodactyla* Hemprich & Ehrenberg in Ehrenberg, 1834** [Ref. 58], p. 266

Alternative rendering: *Reterodactyla*

Gender: Feminine

Type species: ***Heterodactyla hemprichii* Ehrenberg, 1834** [Ref. 58] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Heterodactyla hemprichii* Ehrenberg, 1834; *Heterodactyla hypnoides* Saville-Kent, 1893**

Comments: Authorship in agreement with Neave (1939) [Ref. 594]; Carlgren (1949) gave it as Hemprich & Ehrenberg, 1851.

Type genus of family Heterodactylidae Verrill, 1869 [Ref. 458]

Family: **Thalassianthidae Milne Edwards & Haime, 1851** [Ref. 162]

Hexastephanus Brandt, 1835 [Ref. 65], p. 11

Gender: Masculine

Type species: *Actinia cereus* Ellis & Solander, 1786 [Ref. 71] by monotypy; not included in Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Described as a subgenus of *Actinia*. Authorship in agreement with Neave (1939) [Ref. 594].

Homactis Verrill, 1869 [Ref. 461], p. 71

Gender: Feminine

Type species: *Homactis rupicola* Verrill, 1869 [Ref. 461] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1939) [Ref. 594].

***Homostichanthus* Duerden, 1900** [Ref. 324], p. 166

Alternative rendering: *Homosticanthus*

Gender: Masculine

Type species: *Actinia anemone* Ellis, 1767 [Ref. 767] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].
Identity of *A. anemone* uncertain: may be senior subjective synonym of *H. duerdeni* but may be that of *A. helianthus* Ellis, 1767 (see Carlgren, 1949 [Ref. 31], McMurrich, 1905 [Ref. 393], respectively) so name *H. duerdeni* used for this species.

Originally included one species.

Valid species: ***Homostichanthus duerdeni* Carlgren, 1900**

Comments: Neave (1939) [Ref. 594] gave 1899 as publication date of genus; Carlgren (1949) gave it correctly.

Type genus of **Homostichanthidae Carlgren, 1900** [Ref. 195]

Hoplophoria Wilson, 1890 [Ref. 591], p. 379

Gender: Feminine

Type species: *Hoplophoria coralligens* Wilson, 1890 [Ref. 591] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1939) [Ref. 594].

***Hormathia* Gosse, 1859** [Ref. 98], p. 47–48

Alternative renderings: *Homathia*, *Hormatia*

Gender: Feminine

Type species: *Hormathia margaritae* Gosse, 1859 [Ref. 98] by monotypy, in agreement with Stephenson (1920) [Ref. 449], with den Hartog (1977) [Ref. 108], and with Fautin *et al.* (2007) [Ref. 5913]. Carlgren (1949) [Ref. 31] gave it as *Actinia digitata* Müller, 1776, senior subjective synonym of *H. margaritae* (see Stephenson, 1920 [Ref. 449], 1928 [Ref. 504]; Carlgren, 1949). *Chondractinia* and ***Homathia*** objective synonyms because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Valid species: ***Hormathia alba* (Andres, 1880); *Hormathia andersoni* Haddon, 1888; *Hormathia armata* Rodríguez & López-González, 2001; *Hormathia castanea* (McMurrich, 1904); *Hormathia coronata* (Gosse, 1858); *Hormathia digitata* (Müller, 1776); *Hormathia georgiana* Carlgren, 1927; *Hormathia incubans* (Gravier, 1918); *Hormathia indutus* (Gravier, 1918); *Hormathia insignis* (Stephenson, 1918); *Hormathia josefi* Zhiubikas, 1977; *Hormathia lacunifera* (Stephenson, 1918); *Hormathia marioni* (Haddon, 1889); *Hormathia nodosa* (Fabricius, 1780); *Hormathia pectinata* (Hertwig, 1882); *Hormathia spinosa* (Hertwig, 1882)**

Comment: Authorship in agreement with Neave (1939) [Ref. 594] and with Carlgren (1949).

Type genus of **Hormathiidae Carlgren, 1932** [Ref. 288]

***Hormathianthus* Carlgren, 1943** [Ref. 305], p. 33

Alternative rendering: *Hormanthianthus*

Gender: Masculine

Type species: ***Hormathianthus tuberculatus* Carlgren, 1943** [Ref. 305] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Hormathianthus tuberculatus* Carlgren, 1943**

Comment: Authorship in agreement with Carlgren (1949) [Ref. 31] and with Neave (1950) [Ref. 598].

Family: **Hormathiidae Carlgren, 1932** [Ref. 288]

Hormathiogeton Carlgren, 1942 [Ref. 197], p. 45–46

Gender: Masculine

Type species: *Hormathiogeton vegae* Carlgren, 1942 [Ref. 197] by monotypy; not included in Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comments: Proposed provisionally for subspecies *Hormathia digitata vegae*; accepted as available under International Code of Zoological Nomenclature Article 15.1. A genus-group name published after 1930 must be accompanied by fixation of a type species (Article 13.3); the type species of a genus-group name created for a single species denoted by an available name is considered fixed by monotypy (Article 68.3). The name used for the type species was that of a subspecies, but under the Principle of Coordination (Article 46), it is simultaneously created for the species of that name. Thus, although reference to *Hormathianthus vegae* is lacking, Carlgren's intent seems clear.

***Hormosoma* Stephenson, 1918** [Ref. 448], p. 29

Gender: Neuter

Type species: ***Hormosoma scotti* Stephenson, 1918** [Ref. 448] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Hormosoma scotti* Stephenson, 1918**

Comment: Authorship in agreement with Neave (1939) [Ref. 594] and with Carlgren (1949) [Ref. 31].

Family: **Actinostolidae Carlgren, 1932** [Ref. 288]

Iluanthos Forbes, 1840 [Ref. 84]—see *Ilyanthus*

Comment: Name originally published as *Iluanthos* commonly spelled *Ilyanthus*. *Ilyanthus* "deemed to be a correct original spelling" because it "is in prevailing usage and is attributed to the publication of the original spelling" (International Code of Zoological Nomenclature Article 33.3.1).

***Ilyactis* Andres, 1881** [Ref. 4], p. 326

Gender: Feminine

Type species: ***Ilyactis torquata* Andres, 1881** [Ref. 4] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913]. Originally included one species.

Valid species: ***Ilyactis torquata* Andres, 1881**

Comment: Not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line).

Family: **Andvakiidae Danielssen, 1890** [Ref. 321]

Ilyanthopsis Hertwig, 1888 [Ref. 382], p. 13

Gender: Feminine

Type species: *Ilyanthopsis longifilis* Hertwig, 1888 [Ref. 382] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1939) [Ref. 594].

***Ilyanthus* Forbes, 1840** [Ref. 84], p. 184

Alternative renderings: *Elyanthus*, *Iluanthos*

Gender: Neuter

Type species: ***Iluanthos scoticus* Forbes, 1840** [Ref. 84] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Ilyanthus neglectus* (Leidy, 1855); *Ilyanthus scoticus* Forbes, 1840**

Comments: Authorship in agreement with Neave (1939) [Ref. 594]. Name originally published as *Iluanthos* commonly spelled *Ilyanthus*. *Ilyanthus* "deemed to be a correct original spelling" because it "is in prevailing usage and is attributed to the publication of the original spelling" (International Code of Zoological Nomenclature Article 33.3.1). Neave (1939) [Ref. 594] attributed genus name to Dana (1846) [Ref. 318], although Dana attributed it to Forbes.

Type genus of Ilyanthidae Gosse, 1858 [Ref. 96]

Family: **Haloclavidae Verrill, 1899** [Ref. 470]

***Iosactis* Riemann-Zürneck, 1997** [Ref. 651], p. 1013–1120

Gender: Feminine

Type species: ***Iosactis vagabunda* Riemann-Zürneck, 1997** [Ref. 651] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Iosactis antarctica* Rodríguez, 2012; *Iosactis vagabunda* Riemann-Zürneck, 1997**

Comment: Authorship in agreement with Nomenclator Zoologicus 10 (on line).

Type genus of **Iosactinidae Riemann-Zürneck, 1997** [Ref. 651]

Isacmaea Ehrenberg, 1834 [Ref. 58], 256–258

Alternative rendering: *isacmaea*

Gender: Feminine

Type species: No type species has been designated for this genus, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included 12 species.

Comments: Described as a subgenus of *Actinia*. Authorship in agreement with Neave (1939) [Ref. 594].

***Isactinernus* Carlgren, 1918** [Ref. 158], p. 29

Gender: Masculine

Type species: *Isactinernus quadrilobatus* Carlgren, 1918 [Ref. 158] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Isactinernus quadrilobatus* Carlgren, 1918

Comment: Authorship in agreement with Neave (1939) [Ref. 594] and with Carlgren (1949) [Ref. 31].

Family: Actinernidae Stephenson, 1922 [Ref. 451]

Isactinia Carlgren, 1900 [Ref. 195], p. 33 [53]

Gender: Feminine

Type species: *Anemonia citrina* Haddon & Shackleton, 1893 [Ref. 364], designated by Carlgren (1947) [Ref. 301], in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Objective synonym of *Telactinia* England, 1987 [Ref. 63], because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included three species.

Valid species: *Isactinia carlgreni* Lager, 1911; *Isactinia citrina* (Haddon & Shackleton, 1893); *Isactinia olivacea* (Hutton, 1879)

Comment: Authorship in agreement with Neave (1939) [Ref. 594] and with Carlgren (1949).

Family: Actiniidae Rafinesque, 1815 [Ref. 786]

Isadamsia Carlgren, 1928 [Ref. 198], p. 167 [45]

Gender: Feminine

Type species: *Isadamsia cancrisocia* Carlgren, 1928 [Ref. 198] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1939) [Ref. 594] and with Carlgren (1949) [Ref. 31].

Isanemonia Carlgren, 1950 [Ref. 303], p. 127 [7]

Gender: Feminine

Type species: *Isanemonia australis* Carlgren, 1950 [Ref. 303] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Isanemonia australis* Carlgren, 1950

Comment: Not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line).

Family: Actiniidae Rafinesque, 1815 [Ref. 786]

Isantheopsis Carlgren, 1942 [Ref. 197], p. 86

Gender: Feminine

Type species: *Actinopsis rosea* Studer, 1879 [Ref. 262] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Isantheopsis rosea* (Studer, 1879)

Comment: Not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line).

Family: Actiniidae Rafinesque, 1815 [Ref. 786]

Isanthus Carlgren, 1938 [Ref. 283], p. 59

Gender: Masculine

Type species: *Isanthus capensis* Carlgren, 1938 [Ref. 283] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Isanthus capensis* Carlgren, 1938; *Isanthus homolophilus* Chintiroglou & Doumenc, 1998

Comment: Authorship in agreement with Neave (1950) [Ref. 598] and with Carlgren (1949) [Ref. 31].

Type genus of **Isanthidae Carlgren, 1938** [Ref. 283]

***Isoaulactinia* Belém, Herrera Moreno, & Schlenz, 1996** [Ref. 703], p. 79

Gender: Feminine

Type species: *Aulactinia stelloides* McMurrich, 1889 [Ref. 387] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Objective synonym of *Bunodella* Verrill, 1899 [Ref. 470], because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Valid species: ***Isoaulactinia hespervolita* Daly, 2004; *Isoaulactinia stelloides* (McMurrich, 1889)**

Comments: Not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line). Although not created as replacement name, *Isoaulactinia* currently considered valid because *Bunodella* Verrill, 1899, a junior homonym.

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

Isocradactis Carlgren, 1924 [Ref. 208], p. 212–213

Gender: Feminine

Type species: *Cradactis magna* Stuckey, 1909 [Ref. 244] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comments: Authorship in agreement with Neave (1939) [Ref. 594] and with Carlgren (1949) [Ref. 31]. On p. 66 of Carlgren (1949), not on p. 60, as listed in index.

***Isoedwardsia* Carlgren, 1921** [Ref. 196], p. 56

Gender: Feminine

Type species: ***Isoedwardsia ingolfi* Carlgren, 1921** [Ref. 196] by original designation, in agreement with Carlgren (1949) [Ref. 31] and with Manuel (1981) [Ref. 138]; Fautin *et al.* (2007) [Ref. 5913] stated it was by subsequent designation.

Originally included two species.

Valid species: ***Isoedwardsia ignota* Carlgren, 1920; *Isoedwardsia ingolfi* Carlgren, 1921**

Comments: In 1900, Carlgren proposed the name *Isoedwardsia* but placed no species in it, so it is unavailable as of 1900 (International Code of Zoological Nomenclature Article 12.2.5); he made the genus available in 1921. Authorship in agreement with Carlgren (1949) and with Williams (1981), but not with Neave (1939) [Ref. 594], who gave date as 1900.

Family: **Edwardsiidae Andres, 1881** [Ref. 4]

Isometridium Carlgren, 1951 [Ref. 304], p. 430

Gender: Neuter

Type species: *Isometridium rickettsi* Carlgren, 1951 [Ref. 304] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comments: Edwards & Hopwood (1966) [Ref. 599] stated genus was described by Carlgren in 1949 [Ref. 31]. In that publication, *Isometridium* a *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 13.3.1 because the single included species, *Isometridium Rickettsi*, was a *nomen nudum*, being unavailable under Article 13.1.1.

***Isoparactis* Stephenson, 1920** [Ref. 449], p. 543

Gender: Feminine

Type species: *Paractis ferax* Stuckey, 1909 [Ref. 244] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913]. Originally included one species.

Valid species: ***Isoparactis fabiani* (Häussermann & Försterra, 2008); *Isoparactis ferax* (Stuckey, 1909); *Isoparactis fionae* Lauretta, Häussermann, Brugler, & Rodríguez, 2014**

Comment: Authorship in agreement with Neave (1939) [Ref. 594] and with Carlgren (1949) [Ref. 31].

Family: **Isanthidae Carlgren, 1938**

***Isophellia* Carlgren, 1900** [Ref. 195], p. 52 [72]

Gender: Feminine

Type species: ***Isophellia sabulosa* Carlgren, 1900** [Ref. 195] by original designation, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included two species and possibly a third.

Valid species: ***Isophellia algoaensis* Carlgren, 1928; *Isophellia madrynensis* Zamponi & Acuña, 1992; *Isophellia sabulosa* Carlgren, 1900; *Isophellia stela* Cutress, 1971**

Comment: Authorship in agreement with Neave (1939) [Ref. 594] and with Carlgren (1949).

Type genus of **Isophelliidae Stephenson, 1935** [Ref. 505]

***Isosicyonis* Carlgren, 1927** [Ref. 210], p. 52

Gender: Feminine

Type species: *Paractis alba* Studer, 1879 [Ref. 262] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Isosicyonis alba* (Studer, 1879); *Isosicyonis striata* Rodríguez & López-González, 2008**

Comment: Authorship in agreement with Neave (1939) [Ref. 594] and with Carlgren (1949) [Ref. 31].

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

***Isotealia* Carlgren, 1899** [Ref. 148], p. 24

Gender: Feminine

Type species: ***Isotealia antarctica* Carlgren, 1899** [Ref. 148] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Isotealia antarctica* Carlgren, 1899; *Isotealia dubia* (Wassilieff, 1908)**

Comments: Neave (1939) [Ref. 595] gave 1898 as year genus was published; evidence is it was 1899, the year given by Carlgren (1949).

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

Isoulactis Carlgren, 1959 [Ref. 309], p. 20

Gender: Feminine

Type species: *Isoulactis chilensis* Carlgren, 1959 [Ref. 309] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Edwards & Ververs (1975) [Ref. 600].

Ixalactis Haddon, 1898 [Ref. 363], p. 443

Gender: Feminine

Type species: *Phymanthus simplex* Haddon & Shackleton, 1893 [Ref. 364] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1939) [Ref. 594].

Jancis Stephenson, 1935 [Ref. 505], p. 186

Gender: Masculine. Because the name is not Latin in origin and Stephenson did not specify gender, it is masculine (International Code of Zoological Nomenclature Article 30.2.4).

Type species: *Sagartia luciae* Verrill, 1898 [Ref. 469] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Objective synonym of *Haliplanella* Hand, 1956, because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included two species.

Comments: Proposed provisionally; accepted as available under International Code of Zoological Nomenclature Article 15.1. Authorship in agreement with Neave (1939) [Ref. 594].

***Kadosactis* Danielssen, 1890** [Ref. 321], p. 8–11

Alternative rendering: *Kasodactis*

Gender: Feminine

Type species: ***Kadosactis rosea* Danielssen, 1890** [Ref. 321] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Kadosactis abyssicola* (Koren & Danielssen, 1877); *Kadosactis antarctica* (Carlgren, 1928); *Kadosactis rosea* Danielssen, 1890; *Kadosactis spitsbergensis* (Danielssen, 1890); *Kadosactis sulcata* Carlgren, 1934**

Comment: Authorship in agreement with Neave (1939) [Ref. 594] and with Carlgren (1949).

Type genus of **Kadosactinidae Riemann-Zürneck, 1991** [Ref. 434]

Kadosanthus Carlgren, 1934 [Ref. 290], p. 10

Gender: Masculine

Type species: *Kadosactis sulcata* Carlgren, 1934 [Ref. 290] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comments: Proposed as a subgenus; never recognized as a full genus. Not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line).

***Kalliphobe* Busch, 1851** [Ref. 5876], p. 130

Alternative rendering: *Calliphobe*

Gender: Feminine

Type species: ***Kalliphobe appendiculata* Busch, 1851** [Ref. 5876] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Kalliphobe appendiculata* Busch, 1851**

Comments: Neave (1939) [Ref. 594] regarded "*Kalliphobe* Metschnikoff [non Busch] 1871" and "*Kalliphobe* Busch 1851" as homonyms; Andres (1883: 568) [Ref. 6170], who rendered the name "*Calliphobe*," regarded them as synonyms. Determining whether they refer to a single genus is unlikely to be possible because both accounts are of larvae; thus Andres' position seems prudent.

Family: *incertae sedis*

Kapnea—see *Capnea*

***Kodioides* Danielssen, 1890** [Ref. 321], p. 77–81

Alternative rendering: *Kodiodes*

Gender: Masculine

Type species: ***Kodioides pedunculata* Danielssen, 1890** [Ref. 321] by monotypy; not in Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Kodioides borleyi* Walton, 1910; *Kodioides pedunculata* Danielssen, 1890**

Comments: Not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line) under this spelling but Neave (1939) spelled it *Kodiodes*. In his description, Danielssen spelled the genus both ways but only once as in the Nomenclator: thus evidence is that that is a *lapsus*, the correct spelling being *Kodioides*.

Family: **Halcampidae Andres, 1883** [Ref. 6170]

Korenia Danielssen, 1890 [Ref. 321], p. 1–4

Gender: Feminine

Type species: *Korenia margaritacea* Danielssen, 1890 [Ref. 321] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comments: In agreement with Neave (1939) [Ref. 594], junior homonym of gastropod genus *Korenia* of Friele, H., 1877, Tungebev æbningen hos de norske Rhipidoglossa. Archiv for Matematik og Naturvidenskab 2:205. Authorship of both genera in agreement with Neave (1939) [Ref. 594].

***Korsaranthus* Riemann-Zürneck & Griffiths, 1999** [Ref. 809], p. 190

Gender: Masculine

Type species: *Condylactis natalensis* Carlgren, 1938 [Ref. 283] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid specie: ***Korsaranthus natalensis* (Carlgren, 1938)**

Comment: Authorship in agreement with Nomenclator Zoologicus 10 (on line).

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

Kyathactis Danielssen, 1890 [Ref. 321], p. 11–13

Alternative rendering: *Kyatactis*

Gender: Feminine

Type species: *Kyathactis hyalina* Danielssen, 1890 [Ref. 321] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line).

Kylindrosactis Danielssen, 1890 [Ref. 321], p. 4–8

Gender: Feminine

Type species: *Kylindrosactis elegans* Danielssen, 1890 [Ref. 321] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1939) [Ref. 594].

***Lebrunia* Duchassaing & Michelotti, 1860** [Ref. 323], p. 48

Alternative renderings: *Labrunia*, *Lebrunea*, *Lubrunia*

Gender: Feminine

Type species: ***Lebrunia neglecta* Duchassaing & Michelotti, 1860** [Ref. 323] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913], but not with Carlgren (1949) [Ref. 31], who listed it as *Lebrunia (Oulactis) Danae*, a species not originally included in genus so ineligible to be its type species (International Code of Zoological Nomenclature Article 69.2); *L. danae* subjective synonym of ***L. neglecta***.

Originally included one species.

Valid species: ***Lebrunia coralligens* (Wilson, 1890); *Lebrunia neglecta* Duchassaing & Michelotti, 1860**

Comment: Authorship in agreement with Neave (1939) [Ref. 594] and with Carlgren (1949).

Family: **Aliciidae Duerden, 1895** [Ref. 540]

Lecythia Sars, 1829 [Ref. 1271], p. 27–28

Gender: Feminine

Type species: *Lecythia brevicornis* Sars, 1829 [Ref. 1271] by monotypy, in agreement with Williams (1981) and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comments: *Nomen dubium* according to Williams (1981). In agreement with Neave (1939) [Ref. 594], senior homonym of protozoan *Lecythia* of Wright, T. S., 1861, Observations on British Protozoa and zoophytes. Annals and Magazine of Natural History, series 3, 8(43):123. Authorship of both genera in agreement with Neave (1939) [Ref. 594].

Leiotelia Hertwig, 1882 [Ref. 379], p. 32

Alternative rendering: *Leiotaelia*

Gender: Feminine

Type species: *Actinia nymphaea* Drayton in Dana, 1846 [Ref. 318] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913]; had been placed in *Sagartia*.

Originally included one species.

Comments: Neave (1939) [Ref. 594], who misspelled genus *Leiotaelia*, stated it was described by Hertwig (1882), which is true, but the German version of Hertwig's publication on the *Challenger* anemones [Ref. 379] seems to have appeared before that in the expedition series [Ref. 380], which Neave cited.

***Leipsiceras* Stephenson, 1918** [Ref. 442], p. 112

Gender: Neuter

Type species: *Bolocera pollens* McMurrich, 1898 [Ref. 388] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Leipsiceras pollens* (McMurrich, 1898); *Leipsiceras valens* Carlgren, 1943**

Comments: Authorship in agreement with Carlgren (1949). Not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line).

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

Lepactis Andres, 1883 [Ref. 6170], p. 570

Gender: Feminine

Type species: *Actinia squamosa* Bruguière, 1789 [Ref. 606] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Objective synonym of ***Taractostephanus* Brandt, 1835** [Ref. 65], because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Comment: Not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line).

Leptoteichus Stephenson, 1918 [Ref. 448], p. 57

Alternative rendering: *Leiptoteichus*

Gender: Masculine

Type species: *Leptoteichus insignis* Stephenson, 1918 [Ref. 448] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1939) [Ref. 594].

Lilliella Stephenson, 1918 [Ref. 448], p. 33

Gender: Feminine

Type species: *Lilliella lacunifera* Stephenson, 1918 [Ref. 448] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1939) [Ref. 594].

***Limnactinia* Carlgren, 1921** [Ref. 196], p. 75

Gender: Feminine

Type species: ***Limnactinia laevis* Carlgren, 1921** [Ref. 196] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Limnactinia laevis* Carlgren, 1921; *Limnactinia nuda* Carlgren, 1927**

Comments: Neave (1939) [Ref. 594] gave 1922 as publication date of genus; Carlgren (1949) gave it correctly.

Type genus of **Limnactiniidae Carlgren, 1921** [Ref. 196]

***Liponema* Hertwig, 1882** [Ref. 379], p. 114–115

Alternative rendering: *Lipomena*

Gender: Neuter

Type species: ***Liponema multiporum* Hertwig, 1882** [Ref. 379] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Liponema brevicorne* (McMurrich, 1893); *Liponema multicorne* (Verrill, 1880); *Liponema multiporum* Hertwig, 1882**

Comments: Authorship in agreement with Carlgren (1949). Neave (1940) [Ref. 597] stated ***Liponema*** was described by Hertwig (1882), which is true, but the German version of Hertwig's publication on the *Challenger* anemones [Ref. 379] seems to have appeared before that in the expedition series [Ref. 380], which Neave cited.

Type genus of **Liponematidae Hertwig, 1882** [Ref. 379]

***Litophellia* Carlgren, 1938** [Ref. 283], p. 70

Alternative rendering: *Lithophellia*

Gender: Feminine

Type species: ***Litophellia octoradiata* Carlgren, 1938** [Ref. 283] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Litophellia octoradiata* Carlgren, 1938**

Comment: Authorship in agreement with Carlgren (1949) [Ref. 31] and with Neave (1950).

Family: **Isophelliidae Stephenson, 1935** [Ref. 505]

Lophactis Verrill, 1869 [Ref. 458], p. 463–464

Gender: Feminine

Type species: *Lophactis ornata* Verrill, 1869 [Ref. 458] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1939) [Ref. 594].

Lubrunia—see ***Lebrunia***

Macranthea Verrill, 1928 [Ref. 263], p. 10

Gender: Feminine

Type species: *Macranthea cookei* Verrill, 1928 [Ref. 263] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1940) [Ref. 596].

Macrocnema Carlgren, 1928 [Ref. 198], p. 140

Gender: Neuter

Type species: *Macrocnema nicobarica* Carlgren, 1928 [Ref. 198] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Objective synonym of ***Riactis*** n. gen. because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Comments: In agreement with Neave (1940) [Ref. 596], junior homonym of coleoptera genus *Macrocnema* of Stephens, J. F., 1831, *Illustrations of British Entomology*; or, *A Synopsis of Indigenous Insects*, volume 4, p. 317. Authorship of both genera in agreement with Neave (1940) [Ref. 596]; that of the actiniarian genus in agreement with Carlgren (1949) [Ref. 31]. Replaced by ***Riactis*** herein.

Macrodactyla Haddon, 1898 [Ref. 363], p. 395

Gender: Feminine

Type species: *Condylactis aspera* Haddon & Shackleton, 1893 [Ref. 364] by monotypy, in agreement with Dunn (1981) [Ref. 325] and with Fautin *et al.* (2007) [Ref. 5913].
Originally included one species.
Comments: According to Neave (1940) [Ref. 596], junior homonym of coleoptera genus *Macroductyla* of Harris in Hitchcock, E., 1833 [not seen: “Rep. Geol. Min. Zool. Massach., 575”]. Authorship of actiniarian genus in agreement with Neave (1940) [Ref. 596] and with Carlgren (1949) [Ref. 31].

Madoniactis Danielssen, 1890 [Ref. 321], 47–50
Gender: Feminine
Type species: *Madoniactis lofotensis* Danielssen, 1890 [Ref. 321] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].
Originally included one species.
Comment: Authorship in agreement with Neave (1940) [Ref. 596].
Type genus of Madoniactinidae Danielssen, 1890 [Ref. 321]

***Maractis* Fautin & Barber, 1999** [Ref. 780], p. 625
Gender: Feminine
Type species: *Maractis rimicarivora* Fautin & Barber, 1999 [Ref. 780] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].
Originally included one species.
Valid species: *Maractis rimicarivora* Fautin & Barber, 1999
Comment: Authorship in agreement with Nomenclator Zoologicus 10 (on line).
Family: Actinoscyphiidae Stephenson, 1920 [Ref. 449]

***Marianactis* Fautin & Hessler, 1989** [Ref. 143], p. 816–817
Gender: Feminine
Type species: *Marianactis bythios* Fautin & Hessler, 1989 [Ref. 143] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].
Originally included one species.
Valid species: *Marianactis bythios* Fautin & Hessler, 1989
Comment: Authorship in agreement with Edwards *et al.* (1996) [Ref. 1344].
Family: Actinoscyphiidae Stephenson, 1920 [Ref. 449]

Marsupifer Carlgren, 1901 [Ref. 604], p. 475
Gender: Masculine
Type species: *Marsupifer valdiviae* Carlgren, 1901 [Ref. 604] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].
Originally included one species.
Comment: Authorship in agreement with Neave (1940) [Ref. 596].

Medusa Linnaeus, 1758 [Ref. 768], p. 1096
Gender: Feminine
Type species: Unknown; perhaps none designated. Not included in Fautin *et al.* (2007) [Ref. 5913].
Originally included 11 species.
Comment: Most species included by Linnaeus (1758) [Ref. 768] in this genus not anthozoans; one a ctenophore (*Medusa Beroe*). One actiniarian, *Medusa palliata* Fabricius, 1779 [Ref. 641], described in genus but a short time later moved to another genus.

***Megalactis* Hemprich & Ehrenberg in Ehrenberg, 1834** [Ref. 58], p. 263
Gender: Feminine
Type species: *Megalactis hemprichii* Ehrenberg, 1834 [Ref. 58] by monotypy, in agreement with Carlgren (1949) [Ref. 31], with Ardelean (2003) [Ref. 5057], and with Fautin *et al.* (2007) [Ref. 5913].
Originally included one species.

Valid species: *Megalactis comata* Ardelean & Fautin, 2004; *Megalactis griffithsi* Saville-Kent, 1893; *Megalactis hemprichii* Ehrenberg, 1834

Comment: Authorship in agreement with Neave (1940) [Ref. 596] and with Carlgren (1949).

Family: **Actinodendridae Haddon, 1898** [Ref. 363]

Melactis—see *Metactis*

Mena Stephenson, 1920 [Ref. 449], p. 522–523

Gender: Feminine

Type species: *Phytocoetes chilkaeus* Annandale, 1915 [Ref. 6] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Mena chilkaea* (Annandale, 1915); *Mena limnicola* (Annandale, 1915)**

Comments: According to Eschmeyer (1998) [Ref. 6253], fish genus *Mena* of Swainson, W., 1839, On the Natural History of Fishes, Amphibians, & Reptiles or Monocardian Animals, volume 2, p. 215, an incorrect subsequent spelling of *Maena* Cuvier, 1829; Swainson's genus, which is not in prevailing usage, not available, so does not enter into homonymy (International Code of Zoological Nomenclature Article 33.3). Authorship of actiniarian genus in agreement with Carlgren (1949); that of both genera in agreement with Neave (1940) [Ref. 596].

Family: **Halcampidae Andres, 1883** [Ref. 6170]

Mesacmaea unavailable

Ehrenberg (1834) described this as a subgenus of *Actinia* but an available species name was not assigned to it (International Code of Zoological Nomenclature Article 12.2.5).

Mesacmaea Andres, 1883 [Ref. 6170], p. 462

Alternative rendering: *Mesacmaea*

Gender: Feminine

Type species: *Ilyanthus stellatus* Andres, 1881 [Ref. 4] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913]; junior subjective synonym of *Iluanthos Mitchellii* Gosse, 1853 [Ref. 616] (see Stephenson, 1935) [Ref. 505].

Originally included one species.

Valid species: ***Mesacmaea chloropsis* (Agassiz in Verrill, 1864); *Mesacmaea laevis* (Verrill, 1864); *Mesacmaea mitchellii* (Gosse, 1853)**

Comments: Authorship of *Mesacmaea* Andres, 1883, in agreement with Neave (1940) [Ref. 596] and with Carlgren (1949) [Ref. 31]; ostensible junior homonym of *Mesacmaea* Ehrenberg (1834) [Ref. 58] but Ehrenberg's name unavailable (see above).

Type genus of Mesacmaeidae Andres, 1883

Family: **Haloclavidae Verrill, 1899** [Ref. 470]

Mesactinia England, 1987 [Ref. 63], p. 261

Gender: Feminine

Type species: ***Mesactinia ganensis* England, 1987** [Ref. 63] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913]; England (1987) stated it was by monotypy.

Originally included one species.

Valid species: ***Mesactinia ganensis* England, 1987**

Comment: Not listed in Nomenclator Zoologicus (Edwards *et al.*, 1996 [Ref. 1344]; volume 10 on line).

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

Metactis Milne Edwards & Haime, 1851 [Ref. 162], p. 8

Alternative rendering: *Melactis*

Gender: Feminine

Type species: *Actinia vas* Quoy & Gaimard, 1833 [Ref. 194] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comments: At first publication of name *Melactis* by Milne Edwards & Haime, 1857 [Ref. 508], two species were included, one *M. vas*. Neave (1940) [Ref. 596] did not recognize *Melactis* as a misspelling of *Metactis*, attributing the former to Milne-Edwards, 1857 [Ref. 508]. In case *Melactis* were found to be a separate genus, den Hartog (1980) [Ref. 378] designated its type species *Actinia vas*, the only species originally included in *Metactis*. Thus *Melactis* and *Metactis* objective synonyms because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11). Authorship in agreement with Neave (1940) [Ref. 596]; Carlgren (1949) considered one of the species assigned to *Melactis* a corallimorpharian.

***Metapeachia* Carlgren, 1943** [Ref. 305], p. 22

Gender: Feminine

Type species: *Peachia tropica* Panikkar, 1938 [Ref. 175] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Metapeachia tropica* (Panikkar, 1938)**

Comment: Authorship in agreement with Neave (1950) [Ref. 598] and with Carlgren (1949) [Ref. 31].

Family: **Haloclavidae Verrill, 1899** [Ref. 470]

***Metedwardsia* Carlgren, 1947** [Ref. 301], p. 1

Gender: Feminine

Type species: *Milneedwardsia akkeshi* Uchida, 1932 [Ref. 256] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Metedwardsia akkeshi* (Uchida, 1932)**

Comment: Authorship in agreement with Edwards & Hopwood (1966) [Ref. 599] and with Carlgren (1949) [Ref. 31].

Family: **Edwardsiidae Andres, 1881** [Ref. 4]

***Metridium* de Blainville, 1824** [Ref. 1326], p. 470

Alternative rendering: *Methridium*

Gender: Neuter

Type species: *Actinia dianthus* Ellis, 1767 [Ref. 767] by monotypy, in agreement with Stephenson (1920) [Ref. 449] and with Fautin *et al.* (2007) [Ref. 5913], and affirmed by Opinion 1269 of the International Commission on Zoological Nomenclature (Bulletin of Zoological Nomenclature 41[1]:19–21; March 1984) in a ruling that placed *Priapus senilis* on the Official List as "the senior subjective synonym" of the type species; Carlgren (1949) [Ref. 31] listed type species of ***Metridium*** as *Actinia senile* [sic] Linnaeus [sic], 1767.

Objective synonym of *Actinoloba* de Blainville, 1830 [Ref. 94], because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included two species.

Valid species: ***Metridium canum* Stuckey, 1914; *Metridium dianthus* (Ellis, 1767); *Metridium exile* Hand, 1956; *Metridium farcimen* (Brandt, 1835); *Metridium huanghaiense* Pei, 1998; *Metridium senile* (Linnaeus, 1761); *Metridium sinensis* Pei, 1998**

Comments: Oken (1815) [Ref. 718], who first used genus name *Metridium*, rejected for nomenclatorial purposes in Opinion 417 of the International Commission on Zoological Nomenclature (Bulletin of Zoological Nomenclature 14[1]:3–6; September 1956) because the author did not apply the principles of binominal nomenclature. de Blainville (1824) made the genus name ***Metridium*** available in agreement with Opinion 1269 of the International Commission on Zoological Nomenclature (Bulletin of Zoological Nomenclature 41[1]:19–21; March 1984).

Type genus of **Metridiidae Carlgren, 1893** [Ref. 145]

Milneedwardsia Carlgren, 1892 [Ref. 550], p. 455–456

Alternative renderings: *Milne*, *Milne-Edwardsia*, *Milne-edwardsia*, *Milne-Edwardsia*

Gender: Feminine

Type species: *Milneedwardsia loveni* Carlgren, 1892 [Ref. 550], in agreement with Fautin *et al.* (2007) [Ref. 5913].
Fagesia replacement name (International Code of Zoological Nomenclature Article 60.3) for junior homonym *Milneedwardsia* Carlgren, 1892, so they have same type species (Article 67.8).

Objective synonym of *Fagesia* Delphy, 1938 [Ref. 658], because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included four species.

Comments: Carlgren (1893) [Ref. 145] labeled this a new genus but he had described it in 1892. In agreement with Neave (1940) [Ref. 596], junior homonym of mollusk genus *Milne-Edwardsia* of Bourguignat, J. R., 1877, Histoire des clausilies de France vivantes et fossiles. Annales des Sciences Naturelles, Zoologie 6(2):59. Authorship of both genera in agreement with Neave (1940) [Ref. 596]. Delphy (1938) created *Fagesia* as replacement name (International Code of Zoological Nomenclature Article 60.3).

Type genus of Milneedwardsiidae Carlgren, 1892 [Ref. 550]

***Mimetridium* Hand, 1961** [Ref. 377], p. 77

Gender: Neuter

Type species: ***Mimetridium cryptum* Hand, 1961** [Ref. 377] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Mimetridium cryptum* Hand, 1961**

Comment: Authorship in agreement Edwards & Vevers (1975) [Ref. 600].

Family: **Acontiophoridae Carlgren, 1938** [Ref. 283]

Minyas Cuvier, 1817 [Ref. 1392], p. 24

Alternative rendering: *Mynias*

Gender: Masculine

Type species: *Minyas cyanea* Cuvier, 1817 [Ref. 1392], in agreement with Fautin *et al.* (2007) [Ref. 5913]. Carlgren (1949) [Ref. 31] gave type species as *Actinea ultramarina* Leseur [sic], 1817. *Actinea* replacement name (International Code of Zoological Nomenclature Article 60.3) for junior homonym *Minyas*, so they have same type species (Article 67.8).

Objective synonym of ***Actinea* de Blainville, 1830** [Ref. 94], because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Comments: In agreement with Neave (1940) [Ref. 596], junior homonym of lepidopteran genus *Minyas* of Savigny, J. C., 1816, Mémoires sur les Animaux sans Vértébrés, part 1, p. 31. Cuvier (1817), who described the actinarian in phylum Echinodermata, spelled genus name both *Minyas* and *Mynias*; the spelling *Minyas* fixed by de Blainville (1830), acting as First Reviser (International Code of Zoological Nomenclature Article 24.2.1). de Blainville (1830) also moved genus to phylum Coelenterata, and resolved homonymy by creating *Actinea* as replacement name (Article 60.3). Authorship of both genera in agreement with Neave (1940) [Ref. 596]; Carlgren (1949) gave 1827 as publication date of genus.

Type genus of **Minyadidae Milne Edwards, 1857** [Ref. 508]

Mitactis Haddon & Duerden, 1896 [Ref. 368], p. 162

Gender: Feminine

Type species: No type species has been designated for this genus, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included two species.

Comment: Neave (1940) [Ref. 596] gave 1898 as publication date of genus.

***Monactis* Riemann-Zürneck, 1986** [Ref. 515], p. 8

Gender: Feminine

Type species: *Paractis vestita* Gravier, 1918 [Ref. 101] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Monactis vestita* (Gravier, 1918)**

Comment: Authorship in agreement with Edwards *et al.* (1996) [Ref. 1344].

Family: **Hormathiidae Carlgren, 1932** [Ref. 288]

Monostephanus Brandt, 1835 [Ref. 65], p. 10

Gender: Masculine

Type species: No type species has been designated for this genus; not included in Fautin *et al.* (2007) [Ref. 5913].
Originally included five species.
Comment: Described as a subgenus of *Actinia*. Authorship in agreement with Neave (1940) [Ref. 596].

Mynias—see *Minyas*

***Myonanthus* McMurrich, 1893** [Ref. 386], p. 151–153

Gender: Masculine

Type species: ***Myonanthus ambiguus* McMurrich, 1893** [Ref. 386] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Myonanthus ambiguus* McMurrich, 1893; *Myonanthus bankamensis* Carlgren, 1928**

Comments: Neave (1940) [Ref. 596] gave 1895 as publication date of genus; Carlgren (1949) gave it correctly.

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

Myriactis Haddon, 1888 [Ref. 369], p. 248

Gender: Feminine

Type species: *Myriactis tubicola* Haddon, 1888 [Ref. 369] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comments: Authorship in agreement with Neave (1940) [Ref. 596]. Dunn (1981: 104-105) [Ref. 325] considered genus and species names *nomina dubia*, being based on more than one species, one a member of order Cerianthia.

Holotype member of Ceriantharia.

Namanthus—see ***Nemanthus***

Nautactis Milne Edwards, 1857 [Ref. 508], p. 229

Gender: Feminine

Type species: *Actinia olivacea* Le Sueur, 1817 [Ref. 128] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Neave (1940) [Ref. 596] attributed authorship to Milne-Edwards & Haime.

Nectothela Verrill, 1928 [Ref. 263], p. 13–14

Gender: Feminine

Type species: *Nectothela lilae* Verrill, 1928 [Ref. 263] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1940) [Ref. 596].

***Nemactis* Milne Edwards, 1857** [Ref. 508], p. 282

Gender: Feminine

Type species: No type species has been designated for this genus, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included three species.

Valid species: ***Nemactis colorata* (Duchassaing, 1850); *Nemactis primula* (Drayton in Dana, 1846); *Nemactis rubus* (Drayton in Dana, 1846)**

Comment: Authorship in agreement with Neave (1940) [Ref. 596].

Family: *incertae sedis*

***Nemanthus* Carlgren, 1940** [Ref. 297], p. 212

Alternative rendering: *Namanthus*

Gender: Masculine

Type species: *Sagartia nitida* Wassilieff, 1908 [Ref. 478] by original designation, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included two species.

Valid species: *Nemanthus annamensis* Carlgren, 1943; *Nemanthus californicus* Carlgren, 1940; *Nemanthus nitidus* (Wassilieff, 1908)

Comment: Authorship in agreement with Carlgren (1949) and with Neave (1950) [Ref. 598].

Type genus of **Nemanthidae** Carlgren, 1940 [Ref. 297]

***Nematostella* Stephenson, 1935** [Ref. 505], p. 43–44

Gender: Feminine

Type species: *Nematostella vectensis* Stephenson, 1935 [Ref. 505] by original designation, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species; two others discussed as possible members of genus.

Valid species: *Nematostella nathorstii* (Carlgren, 1921); *Nematostella polaris* (Carlgren, 1921); *Nematostella vectensis* Stephenson, 1935

Comment: Authorship in agreement with Neave (1940) [Ref. 596] and with Carlgren (1949).

Family: **Edwardsiidae** Andres, 1881 [Ref. 4]

***Neoaipiasia* Parulekar, 1969** [Ref. 523]

Gender: Feminine

Type species: *Neoaipiasia commensali* Parulekar, 1969 [Ref. 523] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Neoaipiasia commensali* Parulekar, 1969; *Neoaipiasia morbilla* Fautin & Goodwill, 2009

Comment: Authorship in agreement with Edwards & Tobias (1993) [Ref. 601].

Family: **Aiptasiidae** Carlgren, 1924 [Ref. 208]

***Neocondylactis* England, 1987** [Ref. 63], p. 265

Gender: Feminine

Type species: *Neocondylactis singaporensis* England, 1987 [Ref. 63] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913]; England (1987) stated it was by monotypy.

Originally included one species.

Valid species: *Neocondylactis singaporensis* England, 1987

Comment: Not listed in Nomenclator Zoologicus (Edwards *et al.*, 1996 [Ref. 1344]; volume 10 on line).

Family: **Actiniidae** Rafinesque, 1815 [Ref. 786]

***Neohalcampa* Sanamyan, 2001** [Ref. 1323], p. 1

Gender: Feminine

Type species: *Neohalcampa sheikoi* Sanamyan, 2001 [Ref. 1323] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Neohalcampa sheikoi* Sanamyan, 2001

Comment: Authorship in agreement with Nomenclator Zoologicus 10 (on line).

Family: **Halcampidae** Andres, 1883 [Ref. 6170]

***Neoparacondylactis* Zamponi, 1974** [Ref. 270], p. 270

Gender: Feminine

Type species: *Neoparacondylactis haraldoi* Zamponi, 1974 [Ref. 270] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Neoparacondylactis haraldoi* Zamponi, 1974

Comment: Authorship in agreement with Edwards & Tobias (1993) [Ref. 601].

Family: **Actiniidae** Rafinesque, 1815 [Ref. 786]

***Neophellia* Uchida, 1938** [Ref. 260], p. 310

Gender: Feminine

Type species: *Neophellia mutsuensis* Uchida, 1938 [Ref. 260] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comments: Authorship in agreement with Neave (1950) [Ref. 598]. Carlgren (1949) [Ref. 31] gave 1939 as publication date of genus; on p. 76, not on p. 75, as listed in index.

***Nevadne* Stephenson, 1922** [Ref. 451], p. 263

Gender: Feminine

Type species: *Gyrostoma glaucum* Annandale, 1915 [Ref. 6] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Nevadne glauca* (Annandale, 1915)**

Comment: Authorship in agreement with Neave (1940) [Ref. 596] and with Carlgren (1949) [Ref. 31].

Type genus of **Nevadneidae Carlgren, 1925** [Ref. 204]

***Oceanactis* Moseley, 1877** [Ref. 166], p. 296

Gender: Feminine

Type species: ***Oceanactis rhodactylus* Moseley, 1877** [Ref. 166] by monotypy in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Oceanactis bursifera* (Riemann-Zürneck, 2000); *Oceanactis diomedae* (McMurrich, 1893); *Oceanactis rhodactylus* Moseley, 1877**

Comment: Authorship in agreement with Neave (1940) [Ref. 596].

Family: **Minyadidae Milne Edwards, 1857**

***Octineon* Moseley in Fowler, 1894** [Ref. 89], p. 463

Gender: Neuter

Type species: *Ammodiscus lindahli* Carpenter in Carpenter & Jeffreys, 1871 [Ref. 673], in agreement with Fautin *et al.* (2007) [Ref. 5913], but not with Carlgren (1949) [Ref. 31], who attributed it to Fowler (1894). ***Octineon*** replacement name (International Code of Zoological Nomenclature Article 60.3) for junior homonym *Ammodiscus*, so they have same type species (Article 67.8).

Objective synonym of *Ammodiscus* Carpenter in Carpenter & Jeffreys, 1871, because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Valid species: ***Octineon chilense* Carlgren, 1959; *Octineon lindahli* (Carpenter in Carpenter & Jeffreys, 1871); *Octineon suecicum* Carlgren, 1940**

Comment: Neave (1940) [Ref. 596] gave authorship as Fowler, but Fowler (1894) attributed genus to Moseley, as did Carlgren (1949).

Type genus of **Octineonidae Fowler, 1894** [Ref. 89]

***Octophellia* Andres, 1883** [Ref. 6170], p. 328

Gender: Feminine

Type species: *Phellia timida* Andres, 1881 [Ref. 4] by subsequent designation, herein. No type species had been designated for this genus (Fautin *et al.*, 2007) [Ref. 5913]; that designated here only current member of genus.

Originally included two species.

Valid species: ***Octophellia timida* (Andres, 1881)**

Comment: Authorship in agreement with Neave (1940) [Ref. 596].

Family: *incertae sedis*

***Onubactis* López-González, den Hartog, & García-Gómez, 1995** [Ref. 586], p. 376

Gender: Feminine

Type species: ***Onubactis rocioi* López-González, den Hartog, & García-Gómez, 1995** [Ref. 586] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Onubactis rocioi* López-González, den Hartog, & García-Gómez, 1995**

Comment: Authorship in agreement with Nomenclator Zoologicus 10 (on line).

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

***Ophiodiscus* Hertwig, 1882** [Ref. 379], p. 49–50

Gender: Masculine

Type species: ***Ophiodiscus annulatus* Hertwig, 1882** [Ref. 379] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Ophiodiscus annulatus* Hertwig, 1882; *Ophiodiscus sulcatus* Hertwig, 1882**

Comments: Authorship in agreement with Carlgren (1949). Neave (1940) [Ref. 596] stated ***Ophiodiscus*** was described by Hertwig (1882), which is true; however, the German version of Hertwig's publication on the *Challenger* anemones [Ref. 379] seems to have appeared before that in the expedition series [Ref. 380], which Neave cited.

Family: **Actinostolidae Carlgren, 1932** [Ref. 288]

Oractis McMurrich, 1893 [Ref. 386], p. 138

Gender: Feminine

Type species: *Oractis diomedea* McMurrich, 1893 [Ref. 386] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comments: Neave (1940) [Ref. 596] gave 1895 as publication date of genus; Carlgren (1949) [Ref. 31] gave it correctly.

Type genus of Oractinidae Riemann-Zürneck, 2000 [Ref. 1337]

***Oulactis* Milne Edwards & Haime, 1851** [Ref. 162], p. 12

Gender: Feminine

Type species: *Metridium muscosum* Drayton in Dana, 1846 [Ref. 318] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Oulactis cincta* (Stuckey, 1909); *Oulactis coliumensis* (Riemann-Zürneck & Gallardo, 1990); *Oulactis concinnata* (Drayton in Dana, 1846); *Oulactis mcmurrichi* (Lager, 1911); *Oulactis magna* (Stuckey, 1909); *Oulactis muscosa* (Drayton in Dana, 1846); *Oulactis orientalis* (Averincev, 1967)**

Comment: Authorship in agreement with Neave (1940) [Ref. 596] and with Carlgren (1949).

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

***Pacmanactis* López-González, Rodríguez, & Segonzac, 2005** [Ref. 5873], p. 327

Gender: Feminine

Type species: ***Pacmanactis hashimotoi* López-González, Rodríguez, & Segonzac, 2005** [Ref. 5873] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Pacmanactis hashimotoi* López-González, Rodríguez, & Segonzac, 2005**

Comment: Not listed in Nomenclator Zoologicus (volume 10 on line).

Family: **Actinoscyphiidae Stephenson, 1920** [Ref. 449]

***Parabunodactis* Carlgren, 1928** [Ref. 198], 162–164 [40–42]

Gender: Feminine

Type species: *Bunodactis inflexibilis* Carlgren, 1928 [Ref. 198] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Parabunodactis imperfecta* Zamponi & Acuña, 1992; *Parabunodactis inflexibilis* (Carlgren, 1928)**

Comments: Described as a subgenus of *Bunodactis*. Authorship in agreement with Carlgren (1949) [Ref. 31]. Not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line).

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

***Paracalliactis* Carlgren, 1928** [Ref. 198], P. 193 [71]

Gender: Feminine

Type species: ***Paracalliactis valdiviae* Carlgren, 1928** [Ref. 198] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Paracalliactis azorica* Doumenc, 1975; *Paracalliactis consors* (Verrill, 1882); *Paracalliactis lacazei* Dechancé & Dufaure, 1959; *Paracalliactis mediterranea* Ross & Zamponi, 1982; *Paracalliactis michaelsarsi* Carlgren, 1928; *Paracalliactis rosea* Hand, 1976; *Paracalliactis sinica* Pei, 1982; *Paracalliactis stephensoni* Carlgren, 1928; *Paracalliactis valdiviae* Carlgren, 1928**

Comment: Authorship in agreement with Neave (1940) [Ref. 596] and with Carlgren (1949).

Family: **Hormathiidae Carlgren, 1932** [Ref. 288]

Paracicyonis—see ***Parasicyonis***

***Paracondylactis* Carlgren, 1934** [Ref. 292], p. 28

Alternative rendering: *Paraconodylactis*

Gender: Feminine

Type species: *Condylactis hertwigi* Wassilieff, 1908 [Ref. 478], designated by Carlgren (1949) [Ref. 31], in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included two species.

Valid species: ***Paracondylactis hertwigi* (Wassilieff, 1908); *Paracondylactis sinensis* Carlgren, 1934**

Comment: Authorship in agreement with Neave (1940) [Ref. 597] and with Carlgren (1949).

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

***Paractinia* Andres, 1883** [Ref. 6170], p. 473

Gender: Feminine

Type species: *Actinia striata* Risso, 1826 [Ref. 739] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Paractinia striata* (Risso, 1826)**

Comment: Authorship in agreement with Neave (1940) [Ref. 596]. Labeled n.n. [*nomen novum*] by Andres (1883) but actually new genus.

Family: *incertae sedis*

Paractinostola Carlgren, 1928 [Ref. 198], p. 181–182 [59–60]

Gender: Feminine

Type species: *Paractinostola bulbosa* Carlgren, 1928 [Ref. 198], designated by Carlgren (1949) [Ref. 31], in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included two species.

Comment: Authorship in agreement with Neave (1940) [Ref. 596] and with Carlgren (1949).

***Paractis* Milne Edwards & Haime, 1851** [Ref. 162], p. 8

Alternative renderings: *Paratis*, *Peractis*

Gender: Feminine

Type species: *Actinia impatiens* Couthouy in Dana, 1846 [Ref. 318] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913]. Designation by Thompson (1858) [Ref. 252] of *Actinia viduata* as type species unnecessary; also invalid because species not originally included in genus so ineligible to be its type species (International Code of Zoological Nomenclature Article 69.2), and not synonym of it.

Objective synonym of *Choriactis* McMurrich, 1904 [Ref. 391], because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Valid species: ***Paractis dietzii* Duchassaing & Michelotti, 1864; *Paractis flava* Gravier, 1918; *Paractis guadalupensis* Duchassaing & Michelotti, 1860; *Paractis impatiens* (Couthouy in Dana, 1846); *Paractis laevis***

(Carlgren, 1899); *Paractis monilifera* (Drayton in Dana, 1846); *Paractis nobilis* Verrill, 1869; *Paractis novaehyberniae* (Lesson, 1830); *Paractis ochracea* (Duchassaing, 1850); *Paractis papaver* (Drayton in Dana, 1846); *Paractis peruviana* (Lesson, 1830); *Paractis pulchella* (Hemprich & Ehrenberg in Ehrenberg, 1834); *Paractis punctata* Andres, 1881; *Paractis sanctaecatherinae* (Lesson, 1830); *Paractis subantarctica* (Pax, 1922); *Paractis subfusca* (Hemprich & Ehrenberg in Ehrenberg, 1834)

Comment: Authorship in agreement with Neave (1940) [Ref. 596].

Type genus of Paractinidae Andres, 1883 [Ref. 6170]

Family: *incertae sedis*

***Paraedwardsia* Carlgren in Nordgaard, 1905** [Ref. 624], p. 158–159

Gender: Feminine

Type species: ***Paraedwardsia arenaria* Carlgren in Nordgaard, 1905** [Ref. 624] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913]. (Note that “the [incorrect subsequent] spelling [of the species] is deemed to be a correct original spelling” according to International Code of Zoological Nomenclature Article 33.3.1).

Originally included one species.

Valid species: ***Paraedwardsia abyssorum* Carlgren, 1951; *Paraedwardsia arenaria* Carlgren in Nordgaard, 1905; *Paraedwardsia cretata* (Stimpson, 1856); *Paraedwardsia heia* Daly & Ljubenkov, 2008; *Paraedwardsia lemchei* Carlgren, 1956; *Paraedwardsia sarsii* (Dueben & Koren, 1847)**

Comments: Neave (1940) [Ref. 596] attributed authorship to Joergensen (1905) from a manuscript by Carlgren; Carlgren (1949) [Ref. 31] attributed authorship to Carlgren 1905.

Family: **Edwardsiidae Andres, 1881** [Ref. 4]

***Parahalcampa* Carlgren, 1927** [Ref. 210], p. 15

Gender: Feminine

Type species: ***Parahalcampa antarctica* Carlgren, 1927** [Ref. 210] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Parahalcampa antarctica* Carlgren, 1927**

Comments: Neave (1940) [Ref. 597] stated genus was described by Carlgren in 1921. In that publication [Ref. 196], *Parahalcampa* a *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 13.3.1 because the single included species, *Parahalcampa antarctica*, was a *nomen nudum*, being unavailable under International Code of Zoological Nomenclature Article 13.1.1. Authorship in agreement with Carlgren (1949) [Ref. 31].

Family: **Halcampidae Andres, 1883** [Ref. 6170]

***Paraiptasia* England, 1992** [Ref. 73], p. 89

Gender: Feminine

Type species: *Actinia radiata* Stimpson, 1856 [Ref. 239] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Paraiptasia radiata* (Stimpson, 1856)**

Comment: Authorship in agreement with Edwards *et al.* (1996) [Ref. 1344].

Family: **Aiptasiidae Carlgren, 1924** [Ref. 208]

***Paraisanthus* Sanamyan & Sanamyan, 1998** [Ref. 750], p. 1

Gender: Masculine

Type species: ***Paraisanthus tamarae* Sanamyan & Sanamyan, 1998** [Ref. 750] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Paraisanthus tamarae* Sanamyan & Sanamyan, 1998**

Comment: Authorship in agreement with Nomenclator Zoologicus 10 (on line).

Family: **Isanthidae Carlgren, 1938** [Ref. 283]

***Paraisometridium* Zamponi, 1978** [Ref. 273], p. 117

Gender: Neuter

Type species: ***Paraisometridium pehuensis* [sic] Zamponi, 1978** [Ref. 273] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Paraisometridium pehuense* Zamponi, 1978**

Comment: Authorship in agreement with Edwards *et al.* (1996) [Ref. 1344].

Family: **Metridiidae Carlgren, 1893** [Ref. 145]

***Paranemonia* Carlgren, 1900** [Ref. 195], p. 41 [61]

Gender: Feminine

Type species: *Anemonia cinerea* Contarini, 1844 [Ref. 707] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Paranemonia cinerea* (Contarini, 1844); *Paranemonia vouliagmeniensis* Doumenc, England, & Chintiroglou, 1987**

Comments: Authorship in agreement with Carlgren (1949) [Ref. 31]. Not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line).

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

Paranthea Verrill, 1868 [Ref. 460], p. 322

Gender: Feminine

Type species: *Dysactis pallida* L. Agassiz in Verrill, 1864 [Ref. 455] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913]; currently placed in *Aiptasia*.

Originally included three species.

Comment: Authorship in agreement with Neave (1940) [Ref. 596].

Parantheoides Carlgren, 1899 [Ref. 148], p. 27

Gender: Masculine

Type species: *Parantheoides crassa* Carlgren, 1899 [Ref. 148] by monotypy, in agreement with Stephenson (1920) [Ref. 449] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Neave (1940) [Ref. 596] gave 1898 as publication date of genus.

***Parantheopsis* McMurrich, 1904** [Ref. 391], p. 232–233

Alternative rendering: *Parartheopsis*

Gender: Feminine

Type species: *Actinia cruentata* Couthouy in Dana, 1846 [Ref. 318] by monotypy, in agreement with Carlgren (1949) [Ref. 31], who gave 1849 as publication date of species, and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Parantheopsis cruentata* (Couthouy in Dana, 1846); *Parantheopsis georgiana* (Pfeffer, 1889); *Parantheopsis ocellata* (Lesson, 1830); *Parantheopsis vanhoeffeni* (Pax, 1922)**

Comment: Authorship in agreement with Neave (1940) [Ref. 596] and with Carlgren (1949).

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

***Paranthosactis* López-González, Rodríguez, Gili & Segonzac, 2003** [Ref. 1863], p. 219–220

Gender: Feminine

Type species: *Paranthosactis denhartogi* López-González, Rodríguez, Gili & Segonzac, 2003 [Ref. 1863] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Paranthosactis denhartogi* López-González, Rodríguez, Gili & Segonzac, 2003**

Comment: Authorship in agreement with Nomenclator Zoologicus 10 (on line).

Family: **Actinosecphiidae Stephenson, 1920** [Ref. 449]

***Paranthus* Andres, 1883** [Ref. 6170], p. 471, 472

Gender: Masculine

Type species: *Entacmaea chromatodera* Schmarda, 1852 [Ref. 618] by monotypy, in agreement with Stephenson (1920) [Ref. 449], with Carlgren (1949) [Ref. 31], and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Paranthus chromatoderus* (Schmarda, 1852); *Paranthus crassus* (Carlgren, 1899); *Paranthus ignotus* (McMurrich, 1904); *Paranthus niveus* (Lesson, 1830); *Paranthus rapiformis* (Le Sueur, 1817); *Paranthus rhodora* (Couthouy in Dana, 1846); *Paranthus sociatus* Uchida, 1940**

Comment: Authorship in agreement with Neave (1940) [Ref. 596] and with Carlgren (1949). Labeled as n.n. [*nomen novum*] by Andres (1883) but actually new genus.

Family: **Actinostolidae Carlgren, 1932** [Ref. 288]

Paraphellia Verrill, 1868 [Ref. 460], p. 326

Gender: Feminine

Type species: *Phellia inequalis* Verrill, 1868 [Ref. 460] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comments: In agreement with Neave (1940) [Ref. 596], *Paraphellia* Verrill (1868) senior homonym of actiniarian *Paraphellia* Haddon (1889) [Ref. 362]. Authorship of both genera in agreement with Neave (1940) [Ref. 596]; Carlgren (1949) [Ref. 31] omitted genus.

Paraphellia Haddon, 1889 [Ref. 362], p. 321

Gender: Feminine

Type species: *Chitonactis expansa* Haddon, 1886 [Ref. 781] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Objective synonym of ***Haddonactis*** n. gen. because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Comments: In agreement with Neave (1940) [Ref. 596], *Paraphellia* Haddon (1889) junior homonym of actiniarian *Paraphellia* Verrill (1868) [Ref. 460]. Authorship of both genera in agreement with Neave (1940) [Ref. 596]. Replaced by ***Haddonactis*** herein.

***Paraphelliactis* Carlgren, 1928** [Ref. 201], p. 291

Gender: Feminine

Type species: ***Paraphelliactis spinosa* Carlgren, 1928** [Ref. 201] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Paraphelliactis michaelsarsi* Carlgren, 1934; *Paraphelliactis pabista* Dunn, 1982; *Paraphelliactis spinosa* Carlgren, 1928**

Comment: Authorship in agreement with Neave (1940) [Ref. 596] and with Carlgren (1949).

Family: **Hormathiidae Carlgren, 1932** [Ref. 288]

Parartheopsis—see ***Parartheopsis***

***Parasicyonis* Carlgren, 1921** [Ref. 196], p. 208

Alternative rendering: *Paracicyonis*

Gender: Feminine

Type species: ***Parasicyonis sarsii* Carlgren, 1921** [Ref. 196] by original designation, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included three species.

Valid species: ***Parasicyonis biotrans* (Riemann-Zürneck, 1991); *Parasicyonis groenlandica* Carlgren, 1933; *Parasicyonis ingolffi* Carlgren, 1942; *Parasicyonis sarsii* Carlgren, 1921**

Comment: Authorship in agreement with Neave (1940) [Ref. 596] and with Carlgren (1949).

Family: **Actinostolidae Carlgren, 1932** [Ref. 288]

Parastephanauge Dufaure, 1959 [Ref. 557], p. 86

Gender: Feminine

Type species: *Parastephanauge paxi* Dufaure, 1959 [Ref. 557] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Edwards & Vevers (1975) [Ref. 600].

***Paratealia* Mathew & Kurian, 1979** [Ref. 559], p. 159

Gender: Feminine

Type species: ***Paratealia keralensis* Mathew & Kurian, 1979** [Ref. 559] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Paratealia keralensis* Mathew & Kurian, 1979**

Comment: Authorship in agreement with Edwards *et al.* (1996) [Ref. 1344].

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

Parathoe Carlgren, 1928 [Ref. 198], p. 233 [111]

Gender: Feminine

Type species: *Cereus stimpsonii* Verrill, 1869 [Ref. 461] by monotypy, in agreement with Carlgren (1949) [Ref. 31], who gave 1868 as publication date of species, and with Fautin *et al.* (2007) [Ref. 5913]. *Anthothoe* replacement name (International Code of Zoological Nomenclature Article 60.3) for junior homonym *Parathoe*, so they have same type species (Article 67.8).

Objective synonym of ***Anthothoe* Carlgren, 1938** [Ref. 283], because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Comments: In agreement with Neave (1940) [Ref. 596], junior homonym of *Parathoe* of Miers, J. E., 1879, Descriptions of new or little-known species of maioid Crustacea (Oxyrhynga) in the collection of the British Museum. *Annals and Magazine of Natural History Series 5*, 4:16. Authorship of both genera in agreement with Neave (1940) [Ref. 596].

***Peachia* Gosse, 1855** [Ref. 95]. p. 270–271

Alternative rendering: *Peachya*

Gender: Feminine

Type species: ***Peachia hastata* Gosse, 1855** [Ref. 95], designated by Carlgren (1949) [Ref. 31], in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included two species.

Valid species: ***Peachia boeckii* (Danielssen & Koren, 1856); *Peachia carnea* Hutton, 1880; *Peachia chilensis* Carlgren, 1931; *Peachia cylindrica* (Reid, 1848); *Peachia hastata* Gosse, 1855; *Peachia hilli* Wilsmore, 1911; *Peachia koreni* McMurrich, 1893; *Peachia mira* Carlgren, 1943; *Peachia neozelanica* Carlgren, 1924; *Peachia parasitica* (Agassiz, 1861); *Peachia quinquecapitata* McMurrich, 1913; *Peachia taeniata* Klunzinger, 1877**

Comment: Authorship in agreement with Neave (1940) [Ref. 596] and with Carlgren (1949).

Family: **Haloclavidae Verrill, 1899** [Ref. 470]

***Pelocoetes* Annandale, 1915** [Ref. 6], p. 85

Alternative rendering: *Pelocætes*

Gender: Masculine

Type species: *Metridium schillerianum exul* Annandale, 1907 [Ref. 5] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913]; Carlgren (1949) [Ref. 31] gave type species as *Pelocoetes exul* Annandale, 1915.

Originally included one species.

Valid species: ***Pelocoetes exul* (Annandale, 1907); *Pelocoetes minimus* Panikkar, 1938**

Comment: Authorship in agreement with Neave (1940) [Ref. 596] and with Carlgren (1949).

Family: **Haliactinidae Carlgren, 1949** [Ref. 31]

***Pentactinia* Carlgren, 1900** [Ref. 151], p. 1166

Gender: Feminine

Type species: *Pentactinia californica* Carlgren, 1900 [Ref. 151] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Pentactinia californica* Carlgren, 1900

Comments: Neave (1940) [Ref. 596] gave correct authorship of publication but dated genus from 1901. Authorship in agreement with Carlgren (1949) [Ref. 31].

Family: Halcampoididae Appellöf, 1896 [Ref. 602]

Peractis—see *Paractis*

Peronanthus Hiles, 1899 [Ref. 580], p. 203

Gender: Masculine

Type species: *Peronanthus verrucellae* Hiles, 1899 [Ref. 580] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Peronanthus verrucellae* Hiles, 1899

Comment: Authorship in agreement with Neave (1940) [Ref. 596].

Family: *incertae sedis*

Petalactis Andres, 1883 [Ref. 6170], p. 573

Gender: Feminine

Type species: No type species has been designated for this genus, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included two species.

Valid species: *Petalactis calendula* (Hughes in Ellis & Solander, 1786); *Petalactis vagans* (Lesson, 1830)

Comment: Not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line).

Family: *incertae sedis*

Phellia Gosse, 1858 [Ref. 97], p. 192

Gender: Feminine

Type species: *Phellia murocineta* Gosse, 1858 [Ref. 97], designated by Stephenson (1920) [Ref. 449]. Stephenson (1929) [Ref. 447] recognized *P. murocineta* as type species, but, because he concluded the species belongs in *Sagartia*, he designated *P. gausapata* Gosse, 1858 [Ref. 97] as type species of *Phellia*, with which Carlgren (1949) [Ref. 31] and Fautin *et al.* (2007) [Ref. 5913] erroneously agreed.

Originally included two species.

Valid species: *Phellia arctica* Danielssen, 1890; *Phellia aucklandica* (Carlgren, 1924); *Phellia coreopsis* (Duchassaing & Michelotti, 1864); *Phellia dubia* (Carlgren, 1928); *Phellia exlex* (McMurrich, 1904); *Phellia gausapata* Gosse, 1858; *Phellia inornata* Verrill, 1869; *Phellia murocineta* Gosse, 1858; *Phellia norvegica* Danielssen, 1890; *Phellia rubens* Verrill, 1869

Comment: Authorship in agreement with Neave (1940) [Ref. 596] and with Carlgren (1949).

Type genus of Phelliidae Verrill, 1868 [Ref. 460]

Family: *incertae sedis*

Phelliactis Simon, 1892 [Ref. 233], p. 74

Gender: Feminine

Type species: *Phelliactis hertwigii* Simon, 1892 [Ref. 233] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Phelliactis algoensis* Carlgren, 1928; *Phelliactis americana* Widersten, 1976; *Phelliactis callicyclus* Riemann-Zürneck, 1973; *Phelliactis capensis* Carlgren, 1938; *Phelliactis capricornis* Riemann-Zürneck, 1973; *Phelliactis carlgreni* Doumenc, 1975; *Phelliactis coccinea* (Stephenson, 1918); *Phelliactis crassa* (Wassilieff, 1908); *Phelliactis gigantea* (Carlgren, 1941); *Phelliactis hertwigii*

Simon, 1892; *Phelliactis hydrothermala* Sanamyan & Sanamyan, 2007; *Phelliactis incerta* Carlgren, 1934; *Phelliactis japonica* (Wassilieff, 1908); *Phelliactis lophohelia* Riemann-Zürneck, 1973; *Phelliactis magna* (Wassilieff, 1908); *Phelliactis pelophila* Riemann-Zürneck, 1973; *Phelliactis pulchra* (Stephenson, 1918); *Phelliactis robusta* Carlgren, 1928; *Phelliactis siberutiensis* Carlgren, 1928; *Phelliactis somaliensis* Carlgren, 1928

Comment: Authorship in agreement with Neave (1940) [Ref. 597] and with Carlgren (1949).

Family: **Hormathiidae Carlgren, 1932** [Ref. 288]

***Phelliogeton* Carlgren, 1927** [Ref. 210], p. 68

Gender: Masculine

Type species: ***Phelliogeton falklandicus* Carlgren, 1927** [Ref. 210] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Phelliogeton falklandicus* Carlgren, 1927; *Phelliogeton kerguelensis* Carlgren, 1928**

Comment: Authorship in agreement with Neave (1940) [Ref. 596] and with Carlgren (1949).

Family: **Bathypheiliidae Carlgren, 1932** [Ref. 288]

Phelliomorpha Carlgren, 1902 [Ref. 154], p. 43

Gender: Feminine

Type species: *Phellia crassa* Danielssen, 1890 [Ref. 321] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1940) [Ref. 596].

Phelliopsis Fischer, 1887 [Ref. 80], p. 410

Gender: Feminine

Type species: *Phellia nummus* Andres, 1881 [Ref. 4] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Senior homonym of actiniarian genus *Phelliopsis* Verrill (1899) [Ref. 472] in agreement with Neave (1940, 1950) [Refs. 596, 598].

Phelliopsis Verrill, 1899 [Ref. 472], p. 214–215

Gender: Feminine

Type species: *Phellia panamensis* Verrill, 1869 [Ref. 458] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913]. *Plastophellia* replacement name (International Code of Zoological Nomenclature Article 60.3) for junior homonym *Phelliopsis* Verrill, 1899, so they have same type species (Article 67.8).

Objective synonym of *Plastophellia* Delphy, 1939 [Ref. 5871] because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Comments: *Phelliopsis* Verrill (1899) junior homonym of actiniarian genus *Phelliopsis* Fischer (1887) [Ref. 80]. Delphy (1939) resolved homonymy by creating replacement name (International Code of Zoological Nomenclature Article 60.3) *Plastaphellia*, in agreement with Neave (1940, 1950) [Refs. 596, 598]. (*Plastophellia* correct spelling of name originally rendered *Plastaphellia*.) Authorship of both genera in agreement with Neave (1940, 1950) [Refs. 596, 598].

***Phialoba* Carlgren, 1951** [Ref. 304], p. 423

Gender: Feminine

Type species: ***Phialoba steinbecki* Carlgren, 1951** [Ref. 304] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Phialoba steinbecki* Carlgren, 1951**

Comments: Edwards & Hopwood (1966) [Ref. 599] stated genus was described by Carlgren in 1949. In that publication, *Phialoba* a *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 13.3.1

because the single included species, *Phialoba steinbecki*, was a *nomen nudum*, being unavailable under International Code of Zoological Nomenclature Article 13.1.1.

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

Phillodiscus—see *Phyllodiscus*

***Philomedusa* Müller, 1860** [Ref. 676], p. 57–63

Gender: Feminine

Type species: ***Philomedusa vogtii* Müller, 1860** [Ref. 676] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Philomedusa vogtii* Müller, 1860**

Comment: Authorship in agreement with Neave (1940) [Ref. 596].

Family: **Haloclavidae Verrill, 1899** [Ref. 470]

Phimanthus—see *Phymanthus*

Phlyctaenomyias Andres, 1883 [Ref. 6170], p. 563–564

Alternative renderings: *Phyctaenomyias*, *Phlyctenomyias*

Gender: Masculine

Type species: No type species had been designated for this genus, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included two species.

Comment: Authorship in agreement with Neave (1940) [Ref. 596], who rendered it as *Phlyctaenomyias*.

***Phlyctenactis* Stuckey, 1909** [Ref. 244], p. 396

Gender: Feminine

Type species: *Actinia tuberculosa* Quoy & Gaimard, 1833 [Ref. 194] by subsequent designation (Carlgren, 1949) [Ref. 31], in agreement with Fautin *et al.* (2007) [Ref. 5913]. Although *Actinia tuberculosa* not originally included in *Phlyctenactis* so ineligible to be its type species (International Code of Zoological Nomenclature Article 69.2), subjective synonym of *Phlyctenactis retifera*, which was originally in genus.

Originally included two species.

Valid species: ***Phlyctenactis morrisoni* Stuckey, 1909; *Phlyctenactis tuberculosa* (Quoy & Gaimard, 1833)**

Comment: Authorship in agreement with Neave (1940) [Ref. 596] and with Carlgren (1949).

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

***Phlyctenanthus* Carlgren, 1950** [Ref. 302], p. 135

Alternative rendering: *Phyctenanthus*

Gender: Masculine

Type species: ***Phlyctenanthus australis* Carlgren, 1950** [Ref. 302] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Phlyctenanthus australis* Carlgren, 1950; *Phlyctenanthus regularis* Zamponi & Acuña, 1992**

Comments: Edwards & Hopwood (1966) [Ref. 599] stated genus was described by Carlgren in 1949 [Ref. 31]. In that publication, *Phlyctenanthus* a *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 13.3.1 because the single included species, *Phlyctenanthus australis*, is a *nomen nudum*, being unavailable under International Code of Zoological Nomenclature Article 13.1.1. Genus and species made available by Carlgren in 1950.

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

***Phyllactis* Milne Edwards & Haime, 1851** [Ref. 162], p. 12

Alternative rendering: *Phylactis*

Gender: Feminine

Type species: *Metridium praetextum* Couthouy in Dana, 1846 [Ref. 318] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913]; Carlgren (1949) [Ref. 31] gave 1849 as publication date of species.

Originally included one species.

Valid species: ***Phyllactis cichoracea* Milne-Edwards in Haeckel, 1876; *Phyllactis conquilega* (Duchassaing & Michelotti, 1860); *Phyllactis formosa* (Duchassaing, 1850); *Phyllactis praetexta* (Couthouy in Dana, 1846)**

Comment: Authorship in agreement with Neave (1940) and with Carlgren (1949).

Type genus of Phyllactinidae Milne Edwards, 1857 [Ref. 508]

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

***Phyllodiscus* Kwietniewski, 1897** [Ref. 400], p. 11

Alternative rendering: *Phillodiscus*

Gender: Masculine

Type species: ***Phyllodiscus semoni* Kwietniewski, 1897** [Ref. 400] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Phyllodiscus semoni* Kwietniewski, 1897**

Comments: Authorship in agreement with Neave (1940) [Ref. 596]; Carlgren (1949) [Ref. 31] gave 1898 as publication date of genus. Kwietniewski (1898) [Ref. 125] repeated description by Kwietniewski (1897) in nearly the same words.

Family: **Aliciidae Duerden, 1895** [Ref. 540]

Phyllominyas Andres, 1883 [Ref. 6170], p. 566

Gender: Masculine

Type species: No type species has been designated for this genus, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included two species.

Comment: Authorship in agreement with Neave (1940) [Ref. 596].

***Phymactis* Milne Edwards, 1857** [Ref. 508], p. 274

Gender: Feminine

Type species: *Actinia clematis* Drayton in Dana, 1846 [Ref. 318], designated by Carlgren (1949) [Ref. 31], in agreement with Fautin *et al.* (2007) [Ref. 5913]; Carlgren (1949) gave 1849 as publication date of species.

Originally included seven species.

Valid species: ***Phymactis braziliensis* Carlgren, 1939; *Phymactis clematis* (Drayton in Dana, 1846); *Phymactis papillosa* (Lesson, 1830); *Phymactis polydactyla* Hutton, 1879; *Phymactis pustulata* (Couthouy in Dana, 1846); *Phymactis sanctaehelenae* (Lesson, 1830)**

Comment: Authorship in agreement with Neave (1940) [Ref. 596] and with Carlgren (1949).

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

***Phymanthea* Carlgren, 1959** [Ref. 309], p. 17

Alternative rendering: *Phymantea*

Gender: Feminine

Type species: *Actinia pluvia* Drayton in Dana, 1846 [Ref. 318] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Phymanthea pluvia* (Drayton in Dana, 1846)**

Comment: Authorship in agreement with Edwards & Ververs (1975) [Ref. 600].

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

***Phymanthus* Milne Edwards & Haime, 1851** [Ref. 162], p. 11

Alternative renderings: *Phimanthus*, *Phymantes*, *Phymantus*, *Phymathus*

Gender: Masculine

Type species: *Actinodendron loligo* Hemprich & Ehrenberg in Ehrenberg, 1834 [Ref. 58] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Phymanthus buitendijki* Pax, 1924; *Phymanthus coeruleus* (Quoy & Gaimard, 1833); *Phymanthus crucifer* (Le Sueur, 1817); *Phymanthus levis* Kwietniewski, 1898; *Phymanthus loligo* (Hemprich & Ehrenberg in Ehrenberg, 1834); *Phymanthus muscosus* Haddon & Shackleton, 1893; *Phymanthus pinnulatus* Martens in Klunzinger, 1877; *Phymanthus pulcher* (Andres, 1883); *Phymanthus rhizophorae* (Mitchell, 1890); *Phymanthus sansibaricus* Carlgren, 1900; *Phymanthus strandesi* Carlgren, 1900

Comments: Authorship in agreement with Neave (1940) [Ref. 596]; Carlgren (1949) gave 1857 as publication date of genus.

Type genus of **Phymanthidae Andres, 1883** [Ref. 6170]

***Physactis* Verrill, 1869** [Ref. 461], p. 63–64

Gender: Feminine

Type species: *Actinia multicolor* Stimpson, 1856 [Ref. 239] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Physactis multicolor* (Stimpson, 1856)**

Comment: Authorship in agreement with Neave (1940) [Ref. 596].

Family: *incertae sedis*

Physobrachia Saville-Kent, 1893 [Ref. 440], p. 150

Alternative rendering: *Psychobrachia*

Gender: Feminine

Type species: *Physobrachia douglasi* Saville-Kent, 1893 [Ref. 440] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1940) [Ref. 596].

***Phytocoeteopsis* Panikkar, 1936** [Ref. 177], p. 230–231

Alternative renderings: *Phytocoetopsis*, *Phytocæteopsis*

Gender: Masculine

Type species: ***Phytocoeteopsis ramunnii* Panikkar, 1936** [Ref. 177] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Phytocoeteopsis ramunni* Panikkar, 1936**

Comment: Authorship in agreement with Carlgren (1949) [Ref. 31] and with Neave (1950) [Ref. 598].

Family: **Haliactinidae Carlgren, 1949** [Ref. 31]

***Phytocoetes* Annandale, 1915** [Ref. 6], p. 78–79

Alternative rendering: *Phytocætes*

Gender: Feminine

Type species: ***Phytocoetes gangeticus* Annandale, 1915** [Ref. 6] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included two species.

Valid species: ***Phytocoetes gangeticus* Annandale, 1915**

Comment: Authorship in agreement with Neave (1940) [Ref. 596] and with Carlgren (1949) [Ref. 31].

Family: **Haliactinidae Carlgren, 1949** [Ref. 31]

Plastophellia Delphy, 1939 [Ref. 5871], p. 269

Alternative rendering: *Plastaphellia*

Gender: Feminine

Type species: *Phellia panamensis* Verrill, 1869 [Ref. 458], in agreement with Fautin *et al.* (2007) [Ref. 5913]. *Plastophellia* replacement name (International Code of Zoological Nomenclature Article 60.3) for junior homonym *Phelliopsis* Verrill, 1899 [Ref. 472], so they have same type species (Article 67.8).

Objective synonym of *Phelliopsis* Verrill, 1899, because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

No species explicitly included originally.

Comments: Delphy (1939:269) [Ref. 5871] proposed *Plastaphellia* as replacement name (International Code of Zoological Nomenclature Article 60.3) for junior homonym *Phelliopsis* Verrill (1899). Authorship of both genera in agreement with Neave (1950) [Ref. 598]. Without explanation, Delphy (1939:411) [Ref. 5932], in a subsequent number of the same volume of the journal, changed spelling to *Plastophellia*; this is a spelling correction as defined in International Code of Zoological Nomenclature Article 32.5.1.1, so, under Article 33.2.2, correct name is *Plastophellia* and dates from publication of *Plastaphellia*. *Plastophellia* not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line). Original spelling has no separate availability (Article 32.4); therefore, contrary to Fautin *et al.* (2007), name *Plastaphellia* has no nomenclatural standing, and information for it pertains to *Plastophellia*.

Plotactis Milne Edwards, 1857 [Ref. 508], p. 229

Gender: Feminine

Type species: *Actinia flava* Péron & Le Sueur in Le Sueur, 1817 [Ref. 128] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1940) [Ref. 596].

***Polyopis* Hertwig, 1882** [Ref. 379], p. 90–92

Gender: Feminine

Type species: ***Polyopis striata* Hertwig, 1882** [Ref. 379] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Polyopis striata* Hertwig, 1882**

Comment: Neave (1940) [Ref. 596] stated ***Polyopis*** was described by Hertwig (1882), which is true, but the German version of Hertwig's publication on the *Challenger* anemones [Ref. 379] seems to have appeared before that in the expedition series [Ref. 380], which Neave cited.

Type genus of **Polyopidae Hertwig, 1882** [Ref. 379]

Polyparium Korotneff, 1886 [Ref. 766], p. 320

Gender: Neuter

Type species: *Polyparium ambulans* Korotneff, 1886 [Ref. 766] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1940) [Ref. 596].

Polysiphonia Hertwig, 1882 [Ref. 379], p. 55–56

Gender: Feminine

Type species: *Polysiphonia tuberosa* Hertwig, 1882 [Ref. 379] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913]. ***Exocoelactis*** replacement name (International Code of Zoological Nomenclature Article 60.3) for junior homonym *Polysiphonia*, so they have same type species (Article 67.8).

Objective synonym of ***Exocoelactis* Carlgren, 1925** [Ref. 202], because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Comments: In agreement with Neave (1940) [Ref. 596] and Nomenclator Zoologicus 10 (on line), junior homonym of sponge genus *Polysiphonia* of Pomel, A., 1872 [year not verified], Paléontologie ou Description des Animaux Fossiles de la Province D'Oran volume 5, p. 127. Senior homonym of [1] hydrozoan genus *Polysiphonia* of von Lendenfeld, R., 1885, Über Coelenteraten der Südsee. Zeitschrift für Wissenschaftliche Zoologie 41:641; and [2] sponge genus *Polysiphonia* of Finks, R. M., 1995, Some new genera of Paleozoic calcareous sponges. University of Kansas Paleontological Contributions, new series, 6:4. Authorship of Pomel's sponge genus in agreement with Neave (1940) [Ref. 596]; authorship of Finks' sponge genus in agreement with Nomenclator

Zoologicus 10 (on line). Neave (1940) [Ref. 596] stated *Polysiphonia* was described by Hertwig (1882), which is true, but the German version of Hertwig's publication on the *Challenger* anemones [Ref. 379] seems to have appeared before that in the expedition series [Ref. 380], which Neave cited.

Polystephanus Brandt, 1835 [Ref. 65], p. 12

Gender: Masculine

Type species: No type species has been designated for this genus; not included in Fautin *et al.* (2007) [Ref. 5913].

Originally included two species.

Comments: Described as a subgenus of *Actinia*. In agreement with Neave (1940) [Ref. 596], senior homonym of ammonite genus *Polystephanus* of Buckman, S. S., 1922, Type ammonites, part 33, Plate 311. Authorship of both genera in agreement with Neave (1940) [Ref. 596].

Polystomidium Hertwig, 1882 [Ref. 379], p. 59

Alternative rendering: *Polystomidia*

Gender: Neuter

Type species: *Polystomidium patens* Hertwig, 1882 [Ref. 379] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Neave (1940) [Ref. 596] stated *Polystomidium* was described by Hertwig (1882), which is true, but the German version of Hertwig's publication on the *Challenger* anemones [Ref. 379] seems to have appeared before that in the expedition series [Ref. 380], which Neave cited.

Porponia Hertwig, 1882 [Ref. 379], p. 111

Gender: Feminine

Type species: *Porponia elongata* Hertwig, 1882 [Ref. 379] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Neave (1940) [Ref. 596] stated *Porponia* was described by Hertwig (1882), which is true, but the German version of Hertwig's publication on the *Challenger* anemones [Ref. 379] seems to have appeared before that in the expedition series [Ref. 380], which Neave cited.

***Preactis* England in England & Robson, 1984** [Ref. 61], p. 316

Gender: Feminine

Type species: ***Preactis millardae* England in England & Robson, 1984** [Ref. 61] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Preactis millardae* England in England & Robson, 1984**

Comment: Authorship in agreement with Edwards *et al.* (1996) [Ref. 1344].

Type genus of **Preactiniidae England in England & Robson, 1984** [Ref. 61]

Priapus Linnaeus, 1758 [Ref. 768]

Gender: Masculine

Type species: *Priapus humanus* by subsequent designation (Verrill, 1914) [Ref. 6254]. Not included in Fautin *et al.* (2007) [Ref. 5913]. Listed in Linnaeus (1767) [Ref. 130] as *Holothuria priapus*.

Originally included two species.

Comment: Suppressed in Opinion 1295 of the International Commission on Zoological Nomenclature (Bulletin of Zoological Nomenclature 42[1]:34–36; April 1985) [Ref. 6198] for the purposes of the Principle of Priority.

***Protanthea* Carlgren, 1891** [Ref. 147], p. 81

Alternative rendering: *Prothantea*

Gender: Feminine

Type species: ***Protanthea simplex* Carlgren, 1891** [Ref. 147] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Protanthea simplex* Carlgren, 1891**

Comment: Authorship in agreement with Neave (1940) [Ref. 596] and with Carlgren (1949) [Ref. 31].

Family: **Gonactiniidae Carlgren, 1893** [Ref. 145]

Psammanthus unavailable

A *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 11.1 because no description has been published according to the International Code of Zoological Nomenclature. Not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line).

***Pseudactinia* Carlgren, 1928** [Ref. 198], p. 152

Gender: Feminine

Type species: *Actinia flagellifera* Drayton *in* Dana, 1846 [Ref. 318] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913]. Carlgren (1949) [Ref. 31] gave the type species as *Comactis flagellifera* Hertwig, 1882. See introductory text for more information.

Objective synonym of *Comactis* Milne Edwards, 1857, because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included two species.

Valid species: ***Pseudactinia flagellifera* (Drayton *in* Dana, 1846); *Pseudactinia infecunda* (McMurrich, 1893); *Pseudactinia plettenbergensis* Carlgren, 1928; *Pseudactinia varia* Carlgren, 1938**

Comment: Authorship in agreement with Neave (1940) and with Carlgren (1949).

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

***Pseudhormathia* Carlgren, 1943** [Ref. 305], p. 24

Gender: Feminine

Type species: ***Pseudhormathia bocki* Carlgren, 1943** [Ref. 305] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Pseudhormathia bocki* Carlgren, 1943**

Comment: Authorship in agreement with Carlgren (1949) [Ref. 31] and with Neave (1950) [Ref. 598].

Family: **Condylanthidae Stephenson, 1922** [Ref. 451]

***Pseudoparactis* Stephenson, 1920** [Ref. 449], p. 556–557

Gender: Feminine

Type species: *Paractis tenuicollis* McMurrich, 1904 [Ref. 391] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Pseudoparactis tenuicollis* (McMurrich, 1904)**

Comment: Authorship in agreement with Neave (1940) [Ref. 596] and with Carlgren (1949) [Ref. 31].

Family: **Actinostolidae Carlgren, 1932** [Ref. 288]

Pseudophellia Verrill, 1899 [Ref. 473], p. 376

Gender: Feminine

Type species: *Phellia arctica* Verrill, 1868 [Ref. 460] by original designation, contrary to Fautin *et al.* (2007) [Ref. 5913], who listed it as monotypy.

Originally included one species.

Comment: Authorship in agreement with Neave (1940) [Ref. 597].

Psychobrachia—see *Physobrachia*

***Ptychodactis* Appellöf, 1893** [Ref. 558], p. 4

Gender: Feminine

Type species: *Ptychodactis patula* Appellöf, 1893 [Ref. 558] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Ptychodactis aleutiensis* Eash-Loucks, Jewett, Fautin, Hoberg, & Chenelot, 2010; *Ptychodactis patula* Appellöf, 1893

Comments: Neave (1940) [Ref. 596] gave 1894 for the genus but 1893 for the publication. Authorship in agreement with Carlgren (1949) [Ref. 31].

Type genus of **Ptychodactiidae** Appellöf, 1893 [Ref. 558]

***Pycnanthus* McMurrich, 1893** [Ref. 386], p. 172

Gender: Masculine

Type species: *Pycnanthus maliformis* McMurrich, 1893 [Ref. 386] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Pycnanthus densus* Carlgren, 1921; *Pycnanthus fleurei* (Stuckey & Walton, 1910); *Pycnanthus laevis* Carlgren, 1921; *Pycnanthus maliformis* McMurrich, 1893

Comment: Authorship in agreement with Neave (1940) [Ref. 596] and with Carlgren (1949).

Family: **Actinostolidae** Carlgren, 1932 [Ref. 288]

Radianthus Kwietniewski, 1896 [Ref. 397], p.389

Alternative rendering: *Radianthua*

Gender: Masculine

Type species: *Radianthus kuekenthali* Kwietniewski, 1896 [Ref. 397] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comments: Authorship in agreement with Neave (1940) [Ref. 597]; Carlgren (1949) gave 1897 as publication date of genus.

***Ragactis* Andres, 1883** [Ref. 6170], p. 467

Gender: Feminine

Type species: No type species has been designated for this genus, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included two species.

Valid species: *Ragactis hyalina* (Le Sueur, 1817); *Ragactis lucida* (Duchassaing & Michelotti, 1860)

Comment: Authorship in agreement with Neave (1940) [Ref. 597]. Labeled as n.n. [*nomen novum*] by Andres (1883) but actually a new genus.

Family: *incertae sedis*

***Ramirezia* Zamponi, 1980** [Ref. 272], p. 145

Alternative rendering: *Ramireza*

Gender: Feminine

Type species: *Ramirezia balsae* Zamponi, 1980 [Ref. 272] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Ramirezia balsae* Zamponi, 1980

Comments: In agreement with Nomenclator Zoologicus 10 (on line), senior homonym of coleopteran genus *Ramirezia* of Molino-Olmedo, F., 2001, Cladística del género *Chiasognathus* Stephens, 1831 y *Sphaenognathus* Buquet, 1838 con proposición de subgeneros nuevos (*Coleoptera: Lucanidae*). Revue Chilena Entomol. 28: 85. Authorship of actiniarian genus in agreement with Edwards *et al.* (1996) [Ref. 1344].

Family: **Acontiophoridae** Carlgren, 1938 [Ref. 283]

Raphactis Verrill, 1899 [Ref. 471], p. 144

Gender: Feminine

Type species: *Raphactis nitida* Verrill, 1899 [Ref. 471] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included two species.

Comment: Authorship in agreement with Neave (1940) [Ref. 597].

***Relicanthus* Rodríguez & Daly in Rodríguez, Barbeitos, Brugler, Crowley, Grajales, Gusmão, Häussermann, Reft, & Daly, 2014** [Ref. 6244], p. 7

Gender: Masculine

Type species: *Bolocerooides daphneae* Daly, 2006 [Ref. 5518], by original designation; Rodríguez *et al.* (2014) stated it was by monotypy.

Originally included one species.

Valid species: ***Relicanthus daphneae* (Daly, 2006)**

Comment: Not listed in Nomenclator Zoologicus (volume 10 on line).

Family: **Relicanthidae Rodríguez & Daly in Rodríguez, Barbeitos, Brugler, Crowley, Grajales, Gusmão, Häussermann, Reft, & Daly, 2014** [Ref. 6244]

Reterodactyla—see ***Heterodactyla***

Rhodactinia Agassiz, 1847 [Ref. 1571], p. 395

Gender: Feminine

Type species: *Rhodactinia daevisii* Agassiz, 1847 [Ref. 1571] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Neave (1940) [Ref. 597] stated that *Rhodactinia* was described by Agassiz in 1847, but two 1847 publications [Refs. 608, 1571] were based on Agassiz' letter: the source of this name is the first, not that cited by Neave.

Rhytidactis Pax, 1922 [Ref. 413], p. 85

Gender: Feminine

Type species: *Rhytidactis antarctica* Pax, 1922 [Ref. 413] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1940) [Ref. 597].

***Riactis* new genus herein**

Gender: Feminine

Type species: *Macrocnema nicobarica* Carlgren, 1928 [Ref. 198]. ***Riactis*** replacement name (International Code of Zoological Nomenclature Article 60.3) for junior homonym *Macrocnema* Carlgren, 1928 [Ref. 198], so they have same type species (Article 67.8).

Objective synonym of *Macrocnema* because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Valid species: ***Riactis nicobarica* (Carlgren, 1928)**

Family: **Condylanthidae Stephenson, 1922** [Ref. 451]

Rivetia Pax, 1912 [Ref. 408]

Gender: Feminine

Type species: *Actinia papillosa* Lesson, 1830 [Ref. 123] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1940) [Ref. 597].

***Robsonactis* new genus herein**

Gender: Feminine

Type species: *Actinia quadrangularis* Bruguière, 1789 [Ref. 606]. ***Robsonactis*** replacement name (International Code of Zoological Nomenclature Article 60.3) for junior homonym *Tetractis* Andres, 1883 [Ref. 6170], so they have same type species (Article 67.8).

Objective synonym of *Tetractis* because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Valid species: ***Robsonactis quadrangularis* (Bruguère, 1789)**

Family: *incertae sedis*

Ropalactis Andres, 1883 [Ref. 6170], p. 466

Gender: Feminine

Type species: No type species has been designated for this genus, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included two species.

Comment: Authorship in agreement with Neave (1940) [Ref. 597]. Labeled as n.n. [*nomen novum*] by Andres (1883) but actually a new genus.

Saccactis Lager, 1911 [Ref. 127]

Gender: Feminine

Type species: *Saccactis mcmurrici* Lager, 1911 [Ref. 127], designated by Riemann-Zürneck & Gallardo (1990), in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included three species.

Comment: Authorship in agreement with Neave (1940) [Ref. 597].

Sagartia Gosse, 1855 [Ref. 95], p. 274

Alternative renderings: *Sagaratia*, *Sagaria*, *Sagarta*, *Sargartia*

Gender: Feminine

Type species: *Actinia parasitica* Couch, 1842 [Ref. 6048], designated by Thompson (1858) [Ref. 252]. *Actinia miniata*, stated by Haddon (1889) [Ref. 362] to have been intended by Gosse to be type species and considered type species by Stephenson (1920) [Ref. 449], and *Actinia elegans*, listed by Carlgren (1949) [Ref. 31], by Manuel (1981) [Ref. 384], and by Fautin *et al.* (2007) [Ref. 5913] as type species, ineligible because not among species originally included in genus (International Code of Zoological Nomenclature Article 69.2). Species described as *Actinia parasitica* currently placed in *Calliactis*.

Originally included 16 species with certainty; two more discussed as possible.

Comments: Authorship in agreement with Neave (1940) [Ref. 597] and with Carlgren (1949). Type species has been removed from genus; therefore, other species must be moved to that genus, or new genus/genera must be created and typified.

***Sagartianthus* Carlgren, 1943** [Ref. 305], p. 40

Alternative rendering: *Sagarthianthus*

Gender: Masculine

Type species: ***Sagartianthus indosinensis* Carlgren, 1943** [Ref. 305] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Sagartianthus fasciarum* Zamponi, 1980; *Sagartianthus indosinensis* Carlgren, 1943**

Comment: Authorship in agreement with Carlgren (1949) [Ref. 31] and with Neave (1950) [Ref. 598].

Family: *incertae sedis*

***Sagartiogeton* Carlgren, 1924** [Ref. 510], p. 26

Alternative renderings: *Sargartiogeton*, *Sargatiogeton*

Gender: Masculine

Type species: ***Sagartiogeton robustus* Carlgren, 1924** [Ref. 510], designated by Carlgren (1949) [Ref. 31], in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included two species.

Valid species: ***Sagartiogeton abyssorum* Carlgren, 1942; *Sagartiogeton californicus* (Carlgren, 1940); *Sagartiogeton entellae* Schmidt, 1972; *Sagartiogeton erythraios* Zelnio, Rodríguez, & Daly, 2009; *Sagartiogeton flexibilis* (Danielssen, 1890); *Sagartiogeton ingolfi* Carlgren, 1928; *Sagartiogeton laceratus* (Dalyell, 1848); *Sagartiogeton robustus* Carlgren, 1924; *Sagartiogeton tubicolus* (Koren &**

Danielssen, 1877); *Sagartiogeton undatus* (Müller, 1778); *Sagartiogeton verrillii* Carlgren, 1942; *Sagartiogeton viduatus* (Müller, 1776)

Comment: Authorship in agreement with Neave (1940) [Ref. 597] and with Carlgren (1949).

Family: *incertae sedis*

***Sagartiomorphe* Kwietniewski, 1898** [Ref. 125], p. 396

Alternative renderings: *Sagartiomorpha*, *Sargartiomorphe*

Gender: Feminine

Type species: ***Sagartiomorphe carlgreni* Kwietniewski, 1898** [Ref. 125] by monotypy, in agreement with Stephenson (1920) [Ref. 449] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Sagartiomorphe carlgreni* Kwietniewski, 1898**

Comments: Authorship in agreement with Carlgren (1949) [Ref. 31]; Neave (1940) [Ref. 597] stated *Sagartiomorpha* [sic] was described by Kwietniewski in 1897.

Type genus of **Sagartiomorphidae Carlgren, 1934** [Ref. 292]

***Sarcophinanthus* Lesson, 1830** [Ref. 123]

Alternative rendering: *Sarcophianthus*

Gender: Masculine

Type species: *Sarcophinanthus sertum* Lesson, 1830 [Ref. 123] by subsequent designation, herein. No type species had been designated for this genus, in agreement with Fautin *et al.* (2007) [Ref. 5913]. Species designated here only one originally in genus still a member of it.

Originally included two species.

Valid species: ***Sarcophinanthus sertum* Lesson, 1830**

Comments: *Sarcophinanthus* an unjustified emendation (International Code of Zoological Nomenclature Article 33.2.3) of *Sarcophinanthus* Lesson, 1830: name rendered incorrectly by Milne Edwards (1857: 277, 297). Neave (1940) [Ref. 597] gave 1838 as publication date of genus.

Type genus of **Sarcophinanthidae Andres, 1883** [Ref. 6170]

Sargartia—see *Sagartia*

***Scolanthus* Gosse, 1853** [Ref. 92], p. 157

Gender: Masculine

Type species: ***Scolanthus callimorphus* Gosse, 1853** [Ref. 92] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Scolanthus armatus* (Carlgren, 1931); *Scolanthus callimorphus* Gosse, 1853; *Scolanthus curacaoensis* (Pax, 1924); *Scolanthus intermedius* (McMurrich, 1893); *Scolanthus nidarosiensis* (Carlgren, 1942); *Scolanthus scamiti* Daly & Ljubenkov, 2008; *Scolanthus triangulus* Daly & Ljubenkov, 2008**

Comment: Authorship in agreement with Neave (1940) [Ref. 597].

Family: **Edwardsiidae Andres, 1881** [Ref. 4]

***Scyphia* Wright, 1859** [Ref. 949], p. 178

Gender: Feminine

Type species: *Actinia bellis* Ellis & Solander, 1786 [Ref. 71] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Objective synonym of *Heliactis* Thompson, 1858 [Ref. 252], and of *Helaria* Stechow, 1921 [Ref. 704], because all have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Comments: Neave (1940) [Ref. 597] listed *Scyphia* only as name for Porifera published in Oken (1815) [Ref. 718], a work rejected for nomenclatorial purposes in Opinion 417 of the International Commission on Zoological Nomenclature (Bulletin of Zoological Nomenclature 14[1]:3–6; September 1956) because Oken did not apply principles of binominal nomenclature. Wording in Gosse (1860) makes it seem he coined the name.

***Scytophorus* Hertwig, 1882** [Ref. 379], p. 104

Gender: Masculine

Type species: ***Scytophorus striatus* Hertwig, 1882** [Ref. 379] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Scytophorus antarcticus* (Pfeffer, 1889); *Scytophorus striatus* Hertwig, 1882**

Comments: Authorship in agreement with Carlgren (1949). Neave (1940) [Ref. 597] stated ***Scytophorus*** was described by Hertwig (1882), which is true, but the German version of Hertwig's publication on the *Challenger* anemones [Ref. 379] seems to have appeared before that in the expedition series [Ref. 380], which Neave cited. ***Scytophorus*** only member of family Monaulidae, which is unavailable.

Family: **Halcampoididae Appellöf, 1896** [Ref. 602]

***Seepactis* Sanamyan & Sanamyan, 2007** [Ref. 5884], p. 86

Gender: Feminine

Type species: ***Seepactis galkini* Sanamyan & Sanamyan, 2007** [Ref. 5884] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Seepactis galkini* Sanamyan & Sanamyan, 2007**

Comment: Not listed in Nomenclator Zoologicus (volume 10 on line).

Family: **Kadosactinidae Riemann-Zürneck, 1991** [Ref. 434]

***Segonzactis* Riemann-Zürneck, 1979** [Ref. 431], p. 234

Alternative rendering: *Segonsactis*

Gender: Feminine

Type species: ***Segonzactis platypus* Riemann-Zürneck, 1979** [Ref. 431] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Segonzactis hartogi* Vafidis & Chintiroglou, 2002; *Segonzactis platypus* Riemann-Zürneck, 1979**

Comment: Authorship in agreement with Edwards *et al.* (1996) [Ref. 1344].

Family: **Condylanthidae Stephenson, 1922** [Ref. 451]

***Sicyonis* Hertwig, 1882** [Ref. 379], p. 86

Gender: Feminine

Type species: ***Sicyonis crassa* Hertwig, 1882** [Ref. 379] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Sicyonis careyi* Eash-Loucks & Fautin, 2012; *Sicyonis crassa* Hertwig, 1882; *Sicyonis erythrocephala* (Pax, 1922); *Sicyonis gossei* (Stephenson, 1918); *Sicyonis haemisphaerica* Carlgren, 1934; *Sicyonis ingolfi* Carlgren, 1921; *Sicyonis obesa* (Carlgren, 1934); *Sicyonis sumatriensis* Carlgren, 1928; *Sicyonis tuberculata* Carlgren, 1921; *Sicyonis tubulifera* (Hertwig, 1882); *Sicyonis variabilis* Carlgren, 1921**

Comment: Authorship in agreement with Carlgren (1949). Neave (1940) [Ref. 597] stated ***Sicyonis*** was described by Hertwig (1882), which is true, but the German version of Hertwig's publication on the *Challenger* anemones [Ref. 379] seems to have appeared before that in the expedition series [Ref. 380], which Neave cited.

Type genus of Sicyonidae Hertwig, 1882 [Ref. 379]

Family: **Actinostolidae Carlgren, 1932** [Ref. 288]

***Sicyopus* Gravier, 1918** [Ref. 101], p. 21

Gender: Masculine

Type species: ***Sicyopus commensalis* Gravier, 1918** [Ref. 101] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Objective synonym of *Englandactis* n. gen. because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Comments: In agreement with Neave (1940) [Ref. 597], junior homonym of fish genus *Sicyopus* of Gill, T., 1864, Description of the gobioid genera of the western coast of temperate North America. Proceedings of the Academy of Natural Sciences of Philadelphia 1863, 262. Authorship of both genera in agreement with Neave (1940) [Ref. 597]. Replaced by *Englandactis* herein.

Type genus of Sicyopidae Gravier, 1918 [Ref. 101]

Siphonactinia Danielssen & Koren, 1856 [Ref. 581]

Gender: Feminine

Type species: *Siphonactinia boeckii* Danielssen & Koren, 1856 [Ref. 581] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Neave (1940) [Ref. 597] attributed authorship to Koren & Danielssen.

Type genus of Siphonactinidae Andres, 1883 [Ref. 6170]

Siphonactinopsis Carlgren, 1921 [Ref. 196]

Gender: Feminine

Type species: *Siphonactinopsis laevis* Carlgren, 1921 [Ref. 196] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Siphonactinopsis laevis* Carlgren, 1921

Comments: Authorship in agreement with Carlgren (1949) [Ref. 31]; Neave (1940) [Ref. 597] gave 1922 as publication date of genus.

Family: **Halcampoididae Appellöf, 1896** [Ref. 602]

Solenactinia Fischer, 1889 [Ref. 81], p. 285

Gender: Feminine

Type species: *Sagartia erythrochila* Fischer, 1874 [Ref. 78] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line).

Spheractis England, 1992 [Ref. 73], p. 75–76

Gender: Feminine

Type species: *Spheractis cheungae* England, 1992 [Ref. 73] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Spheractis cheungae* England, 1992

Comment: Authorship in agreement with Edwards *et al.* (1996) [Ref. 1344].

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

Spyractis Andres, 1883 [Ref. 6170], p. 571

Alternative rendering: *Spiractis*

Gender: Feminine

Type species: *Actinia punctulata* Quoy & Gaimard, 1833 [Ref. 194] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Spyractis punctulata* (Quoy & Gaimard, 1833)

Comment: Neither spelling in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line).

Family: *incertae sedis*

Stauractis Andres, 1883 [Ref. 6170], p. 469–470

Gender: Feminine

Type species: *Actinodactylus boscii* Duchassaing, 1850 [Ref. 70] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Objective synonym of *Actinodactylus* Duchassaing, 1850, because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Comment: Authorship in agreement with Neave (1940) [Ref. 597]. Labeled as n.n. [*nomen novum*] by Andres (1883) [Ref. 6170]; because only one species involved, replacement name for *Actinodactylus* but no rationale given. An unnecessary substitute name available nonetheless (International Code of Zoological Nomenclature Article 10.6).

Stelidiactis Danielssen, 1890 [Ref. 321], p. 17–18

Alternative renderings: *Stilidiacis*, *Stilidiactis*

Gender: Feminine

Type species: No type species has been designated for this genus, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included two species.

Comment: Neave (1940) [Ref. 597] gave p. 19 for description.

Stephanactis Verrill, 1869 [Ref. 461], p. 72 [38]

Gender: Feminine

Type species: *Stephanactis indica* Verrill, 1869 [Ref. 461] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: In agreement with Neave (1940) [Ref. 597], *Stephanactis* Verrill, 1869, senior homonym of actiniarian genus *Stephanactis* Hertwig, 1882 [Ref. 379].

Stephanactis Hertwig, 1882 [Ref. 379], p. 77

Gender: Feminine

Type species: *Actinia abyssicola* Moseley, 1877, designated by Verrill (1899) [Ref. 471], in agreement with Fautin *et al.* (2007) [Ref. 5913]. ***Stephanauge*** replacement name for junior homonym *Stephanactis* Hertwig, 1882, so they have same type species (International Code of Zoological Nomenclature Article 67.8); type species designated for the replacement; none designated for Hertwig's genus.

Objective synonym of ***Stephanauge* Verrill, 1899**, because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Comments: In agreement with Neave (1940) [Ref. 597], *Stephanactis* Hertwig, 1882, junior homonym of actiniarian genus *Stephanactis* Verrill, 1869. Verrill (1899) resolved homonymy by creating replacement name (International Code of Zoological Nomenclature Article 60.3) *Stephanauge* for junior homonym. Neave (1940) [Ref. 597] stated that *Stephanactis* was described by Hertwig (1882), which is true, but the German version of Hertwig's publication on the *Challenger* anemones seems to have appeared before that in the expedition series, which Neave cited.

***Stephanauge* Verrill, 1899** [Ref. 471], p. 145

Gender: Feminine

Type species: *Actinia abyssicola* Moseley, 1877 [Ref. 166], designated redundantly by Verrill (1899) for the replacement. Not in agreement with Carlgren (1949), who listed type species *Actinauge nexilis* Verrill, 1883; McMurrich (1893) considered *Actinia abyssicola* and *Actinauge nexilis* synonyms. ***Stephanauge***

replacement name (International Code of Zoological Nomenclature Article 60.3) for junior homonym *Stephanactis* Hertwig, 1882, so they have same type species (Article 67.8).

Objective synonym of *Stephanactis* Hertwig, 1882, because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included three species.

Valid species: *Stephanauge abyssicola* (Moseley, 1877); *Stephanauge acanellae* (Verrill, 1883); *Stephanauge annularis* Carlgren, 1936; *Stephanauge bulbosa* Carlgren, 1928; *Stephanauge hyalonematis* (McMurrich, 1893); *Stephanauge impedita* (Gravier, 1918); *Stephanauge inornata* (Gravier, 1918); *Stephanauge nexilis* (Verrill, 1883); *Stephanauge ovata* (Wassilieff, 1908); *Stephanauge spongicola* (Verrill, 1883); *Stephanauge tuberculata* (Hertwig, 1882)

Comment: Authorship in agreement with Neave (1940) [Ref. 597] and with Carlgren (1949) [Ref. 31].

Family: **Hormathiidae Carlgren, 1932** [Ref. 288]

***Stephanthus* Rodríguez & López-González, 2003** [Ref. 1800], p. 55

Gender: Masculine

Type species: ***Stephanthus antarcticus* Rodríguez & López-González, 2003** [Ref. 1800] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Stephanthus antarcticus* Rodríguez & López-González, 2003**

Comment: Authorship in agreement with Nomenclator Zoologicus 10 (on line).

Family: **Haloclavidae Verrill, 1899** [Ref. 470]

***Stephensonactis* Panikkar, 1936** [Ref. 177], p. 231

Gender: Feminine

Type species: ***Stephensonactis ornata* Panikkar, 1936** [Ref. 177] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Stephensonactis ornata* Panikkar, 1936**

Comment: Authorship in agreement with Carlgren (1949) and with Neave (1950).

Family: **Haliactinidae Carlgren, 1949** [Ref. 31]

Stichodactis Kwietniewski, 1898 [Ref. 125], p. 415

Gender: Feminine

Type species: *Stichodactis papillosa* Kwietniewski, 1898 [Ref. 125] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comments: Neave (1940) [Ref. 597] rendered author's name as Knietniewski and gave 1897 as publication date of genus.

***Stichodactyla* Brandt, 1835** [Ref. 65], p. 16

Alternative renderings: *Stichodactylae*, *Stychodactyla*

Gender: Feminine

Type species: ***Stichodactyla mertensii* Brandt, 1835** [Ref. 65] by monotypy, in agreement with Dunn (1981) [Ref. 325] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Stichodactyla gigantea* (Forsskål, 1775); *Stichodactyla haddoni* (Saville-Kent, 1893); *Stichodactyla helianthus* (Ellis, 1767); *Stichodactyla mertensii* Brandt, 1835; *Stichodactyla tapetum* (Hemprich & Ehrenberg in Ehrenberg, 1834)**

Comment: Authorship in agreement with Neave (1940) [Ref. 597].

Type genus of **Stichodactylidae Andres, 1883** [Ref. 6170]

Stichophora Brandt, 1835 [Ref. 65], p. 17

Gender: Feminine

Type species: *Stichophora cyanea* Brandt, 1835 [Ref. 65] by monotypy; not included in Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1940) [Ref. 597].

Stilidiacis—see *Stelidiactis*

Stilidiactis—see *Stelidiactis*

Stoichactis Haddon, 1898 [Ref. 363], p. 472–473

Gender: Feminine

Type species: *Discosoma kenti* Haddon & Shackleton, 1893 [Ref. 364], designated by Carlgren (1949) [Ref. 31], in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included four species.

Comment: Authorship in agreement with Neave (1940) [Ref. 597] and with Carlgren (1949).

Type genus of Stoichactinidae Carlgren, 1900 [Ref. 195]

***Stomphia* Gosse, 1859** [Ref. 98], p. 48

Alternative rendering: *Stomophia*

Gender: Feminine

Type species: *Stomphia churchiae* Gosse, 1859 [Ref. 98] by monotypy, in agreement with Stephenson (1920) [Ref. 449] and with Fautin *et al.* (2007) [Ref. 5913]; Carlgren (1921, 1949) [Refs. 196, 31, respectively] listed it as *Actinia coccinea* Müller, 1776. *Actinia coccinea* senior subjective synonym of *Stomphia churchiae* (see Carlgren 1913 [Ref. 799]).

Originally included one species.

Valid species: ***Stomphia coccinea* (Müller, 1776); *Stomphia didemon* Siebert, 1973; *Stomphia japonica* Carlgren, 1943; *Stomphia pacifica* Ross & Zamponi, 1995; *Stomphia polaris* (Danielssen, 1890); *Stomphia selaginella* (Stephenson, 1918); *Stomphia vinosa* (McMurrich, 1893)**

Comments: Authorship in agreement with Neave (1940) [Ref. 597] and with Carlgren (1949), in which the main entry is on p. 79, not p. 63 as given in index.

Family: **Actinostolidae Carlgren, 1932** [Ref. 288]

Stychodactyla—see *Stichodactyla*

***Stylobates* Dall, 1903** [Ref. 43], p. 62

Alternative renderings: *Stycobates*, *Stylobactes*

Gender: Masculine

Type species: ***Stylobates aeneus* Dall, 1903** [Ref. 43] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Stylobates aeneus* Dall, 1903; *Stylobates birtlesi* Crowther, Fautin, & Wallace, 2011; *Stylobates cancrisocia* (Carlgren, 1928); *Stylobates loisetteae* Fautin, 1987**

Comments: Originally described as a gastropod. Authorship in agreement with Neave (1940) [Ref. 597].

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

Symphalcurias—see *Synhalcurias*

***Synactinernus* Carlgren, 1918** [Ref. 158], p. 30–31

Gender: Masculine

Type species: ***Synactinernus flavus* Carlgren, 1918** [Ref. 158] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Synactinernus flavus* Carlgren, 1918**

Comments: Authorship in agreement with Carlgren (1949) [Ref. 31]. Not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line).

Family: **Actinernidae Stephenson, 1922** [Ref. 451]

***Synandwakia* Carlgren, 1947** [Ref. 301], p. 2

Gender: Feminine

Type species: *Andwakia hozawai* Uchida, 1932 [Ref. 255] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Synandwakia hozawai* (Uchida, 1932); *Synandwakia multitentaculata* Song, 2003**

Comments: Authorship in agreement with Carlgren (1949) [Ref. 31] and with Edwards & Hopwood (1966) [Ref. 599]. Carlgren (1949) spelled name of the source genus *Andwakia*, an incorrect spelling (International Code of Zoological Nomenclature Article 33c) of ***Andwakia* Danielssen, 1890** [Ref. 321].

Family: **Andvakiidae Danielssen, 1890** [Ref. 321]

***Synantheopsis* England, 1992** [Ref. 73], p. 78, 80

Gender: Feminine

Type species: ***Synantheopsis prima* England, 1992** [Ref. 73] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Synantheopsis parulekari* den Hartog & Vennam, 1993; *Synantheopsis prima* England, 1992**

Comment: Authorship in agreement with Edwards *et al.* (1996) [Ref. 1344].

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

Synanthus Verrill, 1879 [Ref. 465], p. 474

Gender: Masculine

Type species: *Synanthus mirabilis* Verrill, 1879 [Ref. 465] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1940) [Ref. 597].

Synhalcampa Carlgren, 1921 [Ref. 196], p. 21

Gender: Feminine

Type species: *Halianthus limnicola* Annandale, 1915 [Ref. 6] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comments: Authorship in agreement with Carlgren (1949) [Ref. 31]. Not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line).

***Synhalcampella* Carlgren, 1921** [Ref. 196], p. 80

Gender: Feminine

Type species: *Halcampella ostroumowi* Wyragévitch, 1905 [Ref. 751] by monotypy, in agreement with Carlgren (1949) [Ref. 31], who spelled it *H. Oustrumovi*, and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Synhalcampella ostroumowi* (Wyragévitch, 1905)**

Comments: Authorship in agreement with Carlgren (1949). Not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line).

Family: **Edwardsiidae Andres, 1881** [Ref. 4]

***Synhalcurias* Carlgren, 1914** [Ref. 157], p. 68–69

Alternative rendering: *Symphalcurias*

Gender: Masculine

Type species: *Ilyanthopsis elegans* Wassilieff, 1908 [Ref. 478] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Synhalcurias elegans* (Wassilieff, 1908)

Comments: Authorship in agreement with Carlgren (1949) [Ref. 31]. Not listed Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line).

Family: **Actinernidae Stephenson, 1922** [Ref. 451]

***Synpeachia* Yap, Fautin, Ramos, & Tan, 2014** [Ref. 5590], p. 448

Gender: Feminine

Type species: *Synpeachia temasek* Yap, Fautin, Ramos, & Tan, 2014 [Ref. 5590] by original designation.

Originally included one species.

Valid species: *Synpeachia temasek* Yap, Fautin, Ramos, & Tan, 2014

Comment: Not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line).

Family: **Haloclavidae Verrill, 1899** [Ref. 470]

Synphellia Carlgren, 1924 [Ref. 208], p. 230

Gender: Feminine

Type species: *Synphellia aucklandica* Carlgren, 1924 [Ref. 208] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1940) [Ref. 597].

***Synsicyonis* Carlgren, 1921** [Ref. 196], p. 212

Gender: Feminine

Type species: *Sicyonis elongata* Hertwig, 1888 [Ref. 382] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Synsicyonis elongata* (Hertwig, 1888)

Comments: Authorship in agreement with Carlgren (1949) [Ref. 31]. Not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line).

Family: **Actinostolidae Carlgren, 1932** [Ref. 288]

Taractea Andres, 1883 [Ref. 6170], p. 499

Gender: Feminine

Type species: *Oulactis danae* Duchassaing & Michelotti, 1860 [Ref. 323] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Neave (1940) [Ref. 597] gave 1884 as publication date of genus. Labeled n.n. [*nomen novum*] by Andres (1883) but actually a new genus.

***Taractostephanus* Brandt, 1835** [Ref. 65], p. 12

Gender: Masculine

Type species: *Actinia squamosa* Bruguière, 1789 [Ref. 606] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Objective synonym of *Lepactis* Andres, 1883 [Ref. 6170], because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Valid species: *Taractostephanus squamosa* (Bruguière, 1789)

Comment: Authorship in agreement with Neave (1940) [Ref. 597].

Family: *incertae sedis*

Tealia Gosse, 1858 [Ref. 96], p. 417

Gender: Feminine

Type species: *Actinia crassicornis*, designated by Verrill (1864) [Ref. 455] (using the name *Rhodactinia crassicornis*), contrary to Fautin *et al.* (2007) [Ref. 5913], who gave it as *Actinia felina* Linnaeus, 1767 [Ref. 130], which is ineligible to be type species because not originally included in genus (International Code of Zoological Nomenclature Article 69.2).

Objective synonym of *Bunodes* Gosse, 1855, and of ***Urticina Ehrenberg, 1834***, because all have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included two species.

Comment: Authorship in agreement with Neave (1940) [Ref. 597] and with Carlgren (1949) [Ref. 31].

Type genus of Tealidae Hertwig, 1882 [Ref. 379]

***Tealiantus* Carlgren, 1927** [Ref. 210], p. 38

Alternative rendering: *Thealiantus*

Gender: Masculine

Type species: *Tealiantus incertus* Carlgren, 1927 [Ref. 210] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913]. *Isotealia pachydermus* Pax, 1922 [Ref. 413], senior subjective synonym of *T. incertus* (see Carlgren, 1928) [Ref. 198].

Originally included one species.

Valid species: ***Tealiantus pachydermus* (Pax, 1922)**

Comment: Authorship in agreement with Neave (1940) [Ref. 597] and with Carlgren (1949) [Ref. 31].

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

***Tealidium* Hertwig, 1882** [Ref. 379], p. 44

Gender: Neuter

Type species: ***Tealidium cingulatum* Hertwig, 1882** [Ref. 379] by monotypy, in agreement with Stephenson (1920) [Ref. 449], with Carlgren (1949) [Ref. 31], and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Tealidium cingulatum* Hertwig, 1882; *Tealidium jungersenii* Carlgren, 1921**

Comment: Authorship in agreement with Carlgren (1949). Neave (1940) [Ref. 597] stated ***Tealidium*** was described by Hertwig (1882), which is true, but the German version of Hertwig's publication on the *Challenger* anemones [Ref. 379] seems to have appeared before that in the expedition series [Ref. 380], which Neave cited.

Family: **Actinostolidae Carlgren, 1932** [Ref. 288]

Tealiopsis Danielssen, 1890 [Ref. 321], p. 45–47

Gender: Feminine

Type species: *Tealiopsis polaris* Danielssen, 1890 [Ref. 321] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1940) [Ref. 597].

Telactinia England, 1987 [Ref. 63], p. 268

Gender: Feminine

Type species: *Anemonia citrina* Haddon & Shackleton, 1893 [Ref. 364], in agreement with Fautin *et al.* (2007) [Ref. 5913].

Objective synonym of ***Isactinia* Carlgren, 1900**, because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Comments: Not listed in Nomenclator Zoologicus (Edwards *et al.*, 1996 [Ref. 1344]; volume 10 on line). England (1987) [Ref. 63] created *Telactinia* to accommodate *Anemonia citrina*, which he considered should not have been in ***Isactinia***; however, because they share a type species, by definition *Telactinia* and ***Isactinia*** are objective synonyms.

***Telmatactis* Gravier, 1916** [Ref. 99], p. 236

Gender: Feminine

Type species: *Telmatactis valleflori* Gravier, 1916 [Ref. 99] by monotypy, in agreement with Carlgren (1949) [Ref. 31], who gave 1918 as publication date of species, and with Fautin *et al.* (2007) [Ref. 5913]. *Telmatactis cricoides* senior subjective synonym of *T. valleflori* (see den Hartog, 1995 [Ref. 142]).

Originally included one species.

Valid species: *Telmatactis allantoides* (Bourne, 1918); *Telmatactis ambonensis* (Kwietniewski, 1898); *Telmatactis australiensis* Carlgren, 1950; *Telmatactis carlgreni* Doumenc, Chintiroglou, & Foubert, 1989; *Telmatactis castanea* (Bourne, 1918); *Telmatactis clavata* (Stimpson, 1856); *Telmatactis cricoides* (Duchassaing, 1850); *Telmatactis cyclicodes* (Bourne, 1918); *Telmatactis decora* (Hemprich & Ehrenberg in Ehrenberg, 1834); *Telmatactis devisi* (Haddon & Shackleton, 1893); *Telmatactis forskalii* (Hemprich & Ehrenberg in Ehrenberg, 1834); *Telmatactis humilis* (Verrill, 1928); *Telmatactis inequalis* (Verrill, 1868); *Telmatactis insignis* Carlgren, 1950; *Telmatactis natalensis* Carlgren, 1938; *Telmatactis panamensis* (Verrill, 1869); *Telmatactis phassonesiotes* (Bourne, 1918); *Telmatactis rapanuiensis* (Carlgren, 1922); *Telmatactis roseni* (Watzl, 1922); *Telmatactis rufa* (Verrill, 1900); *Telmatactis sipunculoides* (Haddon & Shackleton, 1893); *Telmatactis solidago* (Duchassaing & Michelotti, 1864); *Telmatactis sollasi* (Haddon, 1898); *Telmatactis stephensoni* Carlgren, 1950; *Telmatactis ternatana* (Kwietniewski, 1896); *Telmatactis vermiformis* (Haddon, 1898); *Telmatactis vernonia* (Duchassaing & Michelotti, 1864); *Telmatactis vestita* (Johnson, 1861)

Comment: Neave (1940) [Ref. 597] and Carlgren (1949) gave 1918 as publication date of genus.

Family: **Isophelliidae** Stephenson, 1935 [Ref. 505]

Tetractis Andres, 1883 [Ref. 6170], p. 571

Alternative rendering: *Tetratix*

Gender: Feminine

Type species: *Actinia quadrangularis* Bruguière, 1789 [Ref. 606] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Objective synonym of ***Robsonactis*** n. gen. because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Comments: Junior homonym of echinoderm genus *Tetractis* of Schultze, C. F., 1759, Betrachtung der versteinerten Seesterne, und ihrer Theile, p. 49. Neave (1940) [Ref. 597] gave 1760 as publication date of echinoderm; actiniarian genus not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line). Replaced by ***Robsonactis*** herein.

Tetrastephanus Brandt, 1835 [Ref. 65], p. 11

Gender: Masculine

Type species: *Actinia euchlora* Hemprich & Ehrenberg in Ehrenberg, 1834 [Ref. 58] by monotypy; not included in Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Described as a subgenus of *Actinia*. Authorship in agreement with Neave (1940) [Ref. 597].

***Thalassianthus* Rüppell & Leuckart, 1828** [Ref. 220], p. 5

Alternative renderings: *Thalassianthes*, *Thalassianthus*

Gender: Masculine

Type species: ***Thalassianthus aster* Rüppell & Leuckart, 1828** [Ref. 220] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Thalassianthus aster* Rüppell & Leuckart, 1828**; ***Thalassianthus kraepelini* Carlgren, 1900**; ***Thalassianthus senckenbergianus* Kwietniewski, 1896**

Comments: Authorship in agreement with Neave (1940) [Ref. 597]; Carlgren (1949) gave only Leuckart as the author.

Type genus of **Thalassianthidae** Milne Edwards & Haime, 1851 [Ref. 162]

Thaumactis Fowler, 1888 [Ref. 88], p. 143

Gender: Feminine

Type species: *Thaumactis medusoides* Fowler, 1888 [Ref. 88] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comments: Authorship in agreement with Neave (1940) [Ref. 597]. On p. 43 and 44 of Carlgren (1949) [Ref. 31], not p. 33 and 34, as listed in index.

Thealianthus—see *Tealianthus*

Thelaceros Mitchell, 1890 [Ref. 164], p. 557

Gender: Masculine

Type species: *Thelaceros rhizophoræ* Mitchell, 1890 [Ref. 164] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comment: Authorship in agreement with Neave (1940) [Ref. 597].

Thelactis Klunzinger, 1877 [Ref. 121], p. 79

Gender: Feminine

Type species: *Thelactis simplex* Klunzinger, 1877 [Ref. 121] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Thelactis simplex* Klunzinger, 1877

Comment: Authorship in agreement with Neave (1940) [Ref. 597].

Family: *incertae sedis*

Thoe Wright, 1859 [Ref. 949], p. 181

Alternative rendering: *Thoë*

Gender: Feminine

Type species: No type species has been designated for this genus, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included three species.

Comments: Neave (1940) [Ref. 597] rendered with an umlaut crustacean genus *Thoë* of Bell, T., 1836, Some account of the Crustacea of the coasts of South America. Proceedings of the Scientific Meetings of the Zoological Society of London 3:170, and rendered without an umlaut [1] polychaete genus *Thoe* of Kinberg, J. G. H., 1866, Annulata nova. Öfversigt af Kongl. Vetenskaps-Akademiens Förhandlingar 1865:249; and [2] ctenophore genus *Thoe* of Chun, C., 1878, Die im Golf von Neapel erscheinenden Rippenquallen. Mittheilungen aus der Zoologischen Station zu Neapel 1:199, giving 1865 as publication date of polychaete genus. Actinarian genus not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598]; Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line), contrary to implication of Fautin *et al.* (2007).

Tilesia Andres, 1883 [Ref. 6170], p. 572

Gender: Feminine

Type species: *Actinia brasiliensis* Tilesius in Milne Edwards, 1857 [Ref. 508] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Objective synonym of *Williamsactis* n. gen. because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Comments: Junior homonym of [1] bryozoan genus *Tilesia* of Lamouroux, J., 1821, Exposition Méthodique des Genres de l'Ordre des Polypiers: avec leur description et celle des principales espèces, figurées dans 84 planches, les 63 premières appartenant a l'Histoire naturelle des zoophytes d'Ellis et Solander, p. 42; [2] fish genus *Tilesia* of Swainson, W., 1838, On the Natural History of Fishes, Amphibians, & Reptiles or Monocardian Animals, volume 1, p. 318; and [3] dipteran genus *Tilesia* of Robineau-Desvoidy, J. B., 1863, Histoire naturelle des diptères des environs de Paris 2:364–366. Authorship of non-actinarian genera in agreement with Neave (1940) [Ref. 597]; actinarian name not listed in Nomenclator Zoologicus (Neave, 1939, 1940, 1950) [Refs. 594–598];

Edwards & Hopwood, 1966 [Ref. 599]; Edwards & Vevers, 1975 [Ref. 600]; Edwards & Tobias, 1993 [Ref. 601]; Edwards *et al.* 1996 [Ref. 1344]; volume 10 on line). Replaced by *Williamsactis* herein.

***Triactis* Klunzinger, 1877** [Ref. 121], p. 85

Gender: Feminine

Type species: ***Triactis producta* Klunzinger, 1877** [Ref. 121] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Triactis producta* Klunzinger, 1877**

Comments: In agreement with Neave (1940) [Ref. 597], senior homonym of protist genus *Triactis* of Haeckel, E., 1882, Entwurf eines Radiolarien-Systems auf Grund von Studien der Challenger-Radiolarien. Jenaische Zeitschrift für Naturwissenschaft 15:457. Authorship of actinarian genus in agreement with Neave (1940) [Ref. 597], who gave 1881 as publication date of radiolarian genus, and with Carlgren (1949).

Family: **Aliciidae Duerden, 1895** [Ref. 540]

***Tricnidactis* de Oliveira Pires, 1987** [Ref. 527], p. 275

Alternative rendering: *Trinidactis*

Gender: Feminine

Type species: ***Tricnidactis errans* de Oliveira Pires, 1987** [Ref. 527] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Tricnidactis errans* de Oliveira Pires, 1987**

Comments: Edwards *et al.* (1996) [Ref. 1344] listed as homonyms *Tricnidactis* of de Olivera Pires in 1987 and 1988; the two publications refer to the same species, the first an abstract from a meeting that fulfilled the criteria of availability, the second [Ref. 190] an extended treatment written as an original description (but not).

Family: Haliplanellidae Hand, 1956 [Ref. 372]

Tristephanus Brandt, 1835 [Ref. 65], p. 11

Gender: Masculine

Type species: No type species has been designated for this genus; not included in Fautin *et al.* (2007) [Ref. 5913].

Originally included eight species.

Comment: Described as a subgenus of *Actinia*. In agreement with Neave (1940) [Ref. 597], senior homonym of dipteran genus *Tristephanus* of Kieffer, J.-J., 1913, Cécidomyies de l'Afrique orientale, Bulletin de la Société d'Histoire Naturelle de Metz, 28 (series 3, volume 4):87–114. Authorship of both genera in agreement with Neave (1940) [Ref. 597].

Urophysalus Costa, 1869 [Ref. 5866], p. 56

Gender: Masculine

Type species: *Urophysalus grubii* Costa, 1869 [Ref. 5866] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Comments: Originally described as a sipunculid. Authorship in agreement with Neave (1940) [Ref. 597].

***Urticina* Ehrenberg, 1834** [Ref. 58], p. 257

Gender: Feminine

Type species: *Actinia crassicornis* Müller, 1776 [Ref. 167], designated by Manuel (1981) [Ref. 384], in agreement with Fautin *et al.* (2007) [Ref. 5913].

Objective synonym of *Bunodes* Gosse, 1855, and of *Tealia* Gosse, 1858, because all have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included nine species.

Valid species: ***Urticina asiatica* (Averincev, 1967); *Urticina chlorospilota* (Brandt, 1835); *Urticina coccinea* (Verrill, 1866); *Urticina columbiana* Verrill, 1922; *Urticina coriacea* (Cuvier, 1798); *Urticina crassicornis* (Müller, 1776); *Urticina felina* (Linnaeus, 1761); *Urticina grebelnyi* Sanamyan & Sanamyan, 2006; *Urticina japonica* (Wassilieff, 1908); *Urticina lofotensis* (Danielssen, 1890); *Urticina mcpeakii***

Hauswaldt & Pearson, 1999; *Urticina macloviana* (Lesson, 1830); *Urticina piscivora* (Sebens & Laakso, 1978); *Urticina tuberculata* (Cocks, 1851)

Comment: Authorship in agreement with Neave (1940) [Ref. 597].

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

***Urticinopsis* Carlgren, 1927** [Ref. 210], p. 41–42

Gender: Feminine

Type species: *Urticina antarctica* Verrill, 1922 [Ref. 477] by monotypy, in agreement with Carlgren (1949) [Ref. 31] and with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Urticinopsis antarctica* (Verrill, 1922); *Urticinopsis crassa* Carlgren, 1938**

Comment: Authorship in agreement with Neave (1940) [Ref. 597] and with Carlgren (1949).

Family: **Actiniidae Rafinesque, 1815** [Ref. 786]

***Verrillactis* England, 1971** [Ref. 60], p. 29

Gender: Feminine

Type species: *Sagartia paguri* Stimpson *in* Verrill, 1869 [Ref. 461] by original designation, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Verrillactis paguri* (Stimpson *in* Verrill, 1869); *Verrillactis sol* (Verrill, 1864)**

Comment: Authorship in agreement with Edwards & Tobias (1993) [Ref. 601].

Family: *incertae sedis*

***Viatrix* Duchassaing & Michelotti, 1860** [Ref. 323], p. 43

Gender: Feminine

Type species: *Urticina globulifera* Duchassaing, 1850 [Ref. 70] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: ***Viatrix globulifera* (Duchassaing, 1850)**

Comment: Authorship in agreement with Neave (1940) [Ref. 596].

Family: *incertae sedis*

Williamsactis new genus herein

Gender: Feminine

Type species: *Actinia brasiliensis* Tilesius *in* Milne Edwards, 1857 [Ref. 508]. ***Williamsactis*** replacement name (International Code of Zoological Nomenclature Article 60.3) for junior homonym *Tilesia* Andres, 1883 [Ref. 6170], so they have same type species (Article 67.8).

Objective synonym of *Tilesia* because they have same type species (International Code of Zoological Nomenclature Articles 61.3.3, 67.8, and 67.11).

Originally included one species.

Valid species: ***Williamsactis brasiliensis* (Tilesius *in* Milne Edwards, 1857)**

Family: *incertae sedis*

***Xanthiopus* Keferstein, 1862** [Ref. 721], p. 31–35

Alternative rendering: *Xantiopus*

Gender: Masculine

Type species: No type species has been designated for this genus, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included two species.

Comment: Authorship in agreement with Neave (1940) [Ref. 596].

***Zaolutus* Hand, 1955** [Ref. 371], p. 88–89

Alternative rendering: *Zaolatus*

Gender: Masculine

Type species: ***Zaolutus actius* Hand, 1955** [Ref. 371] by monotypy, in agreement with Fautin *et al.* (2007) [Ref. 5913].

Originally included one species.

Valid species: *Zaolutus actius* Hand, 1955

Comment: Authorship in agreement with Edwards & Hopwood (1966) [Ref. 599].

Family: **Isanthidae** Carlgren, 1938 [Ref. 283]

Incertae sedis

Valid species that had been in the now-invalid genus *Sagartia* and have not been moved: *Sagartia alba* (Cocks in Johnston, 1847); *Sagartia albovirdis* Kirk & Stuckey, 1909; *Sagartia capensis* Pax, 1922; *Sagartia catalinensis* McPeak, 1968; *Sagartia crispata* Verrill, 1869; *Sagartia elegans* (Dalyell, 1848); *Sagartia hastata* Wright, 1859; *Sagartia ichthystoma* Gosse, 1858; *Sagartia lessonii* (Verrill, 1869); *Sagartia minima* Pax, 1922; *Sagartia nymphaea* (Drayton in Dana, 1846); *Sagartia problematica* Pax, 1922; *Sagartia rhododactylos* (Grube, 1840); *Sagartia rockalliensis* Carlgren, 1924; *Sagartia rubroalba* (Quoy & Gaimard, 1833); *Sagartia sobolescens* Gravier, 1918; *Sagartia sociabilis* Gravier, 1918; *Sagartia splendens* Danielssen, 1890; *Sagartia troglodytes* (Price in Johnston, 1847)

SPECIES

12-tentaculata, *Edwardsia* Carlgren, 1931

Valid name: *Edwardsia duodecententaculata* Carlgren, 1931 for orthography (International Code of Zoological Nomenclature Art. 32.5.2.6)

Described from "zahlreiche Exemplare": x23 listed individually.

Type specimens: GNM Anthoz. 131: 3 or 4 syntypes, Fiji, Viti Levu, Bau (Dr. Bock's Expedition); GNM Anthoz. 131: 3 or 4 syntypes, Fiji, Viti Levu, Namuka (Dr. Bock's Expedition); NRS 96: 6? syntypes, Fiji, Viti Levu, Namuka (Dr. Bock's Expedition); NRS 3980: 6 syntypes, Fiji, Viti Levu, Bau (Dr. Bock's Expedition); NRS 4077: 3 syntypes, Fiji, Viti Levu, Namuka (Dr. Bock's Expedition)

4-lobatus, *Isactinernus* Carlgren, 1918

Type species of *Isactinernus* by monotypy.

Valid name: *Isactinernus quadrilobatus* Carlgren, 1918 for orthography (International Code of Zoological Nomenclature Art. 32.5.2.6)

Described from unspecified number.

Type specimens: EUU 102a: 1 syntype, Japan, Kyushu [Kyûsyû] [Kin Shin] [Kiu Shiu], Nagasaki Prefecture, Kagoshima, Goto [Goto] Island: EUU 102b: 1 syntype, Japan, Kyushu [Kyûsyû] [Kin Shin] [Kiu Shiu], Nagasaki Prefecture, Kagoshima, Goto [Goto] Island: MZL L14/3033: 1 syntype, Japan, Kyushu [Kyûsyû] [Kin Shin] [Kiu Shiu], Nagasaki Prefecture, Kagoshima, Goto [Goto] Island: UCMNH *no number*: 3 syntypes, Japan, Kyushu [Kyûsyû] [Kin Shin] [Kiu Shiu], Nagasaki Prefecture, Kagoshima, Goto [Goto] Island

8-radiata, *Edwardsia* Carlgren, 1931

Valid name: *Edwardsia octoradiata* Carlgren, 1931 for orthography (International Code of Zoological Nomenclature Art. 32.5.2.6)

Described from x2, stated in description to be in "Wiens Museum" (Vienna Museum).

Type specimens: MZL 185: 1 syntype, Japan; MZL *no number*: 4 microscope slides of syntype, Japan

abtaoensis, *Halcampa* Carlgren, 1959

Described from x5.

Type specimens: NRS 2991: 1 syntype, Chile, Golfo de Ancud, N of Punta Barranco at Isla Abtao (Lund University Chile Expedition 1948–49 sta. M 107)

Synonymy: *Halcampa abtaoensis* Carlgren, 1959 [Ref. 309], p. 13-14 (original description).

abyssicola, *Actinia* Moseley, 1877

Type species of *Stephanauge* by original designation. Type species of *Stephanactis* Hertwig, which *Stephanauge* replaced: a nominal genus and the name it replaces have the same type species (International Code of

Zoological Nomenclature Article 67.8); Verrill (1899) (redundantly) designated this as type species for the replacement.

Valid names used: *Stephanauge abyssicola* (Moseley, 1877); *Stephanauge acanellae* (Verrill, 1883); *Stephanauge nexilis* (Verrill, 1883)

Described from x2 *ex* one locality, unspecified number *ex* another.

Type specimens: 2 syntypes *not found*: Northwest Atlantic Ocean; syntypes *not found*: Atlantic Ocean, southwest of Bermuda

***abyssicola*, *Kadosactis* (Koren & Danielssen, 1877)**

Synonymy: *Phellia abyssicola* Koren & Danielssen, 1877 [Ref. 582], p. 78–79 (original description).

[*non*] *Sagartia abyssicola* Verrill, 1882 [Ref. 1320], p. 314–315 (original description). senior homonym

Sagartia abyssicola (Kor. & Dan.): Verrill, 1885 [Ref. 468], p. 534. junior secondary homonym

Kadosactis abyssicola (Dan. & Koren.): Carlgren, 1942 [Ref. 197], p. 9, 12–14.

abyssicola, *Phellia* Koren & Danielssen, 1877

Valid name: ***Kadosactis abyssicola* (Koren & Danielssen, 1877)**

Described from x2.

Type specimens: syntypes *not found*: Norway, Bergen, Korsfjord

abyssicola, *Sagartia* Verrill, 1882

Valid name: ***Sagartiogeton verrilli* Carlgren, 1942**

Described from many specimens.

Type specimens: syntypes *not found*: USA, southern coast of New England

***abyssicola*, *Stephanauge* (Moseley, 1877)**

Synonymy: *Actinia abyssicola* Moseley, 1877 [Ref. 166], p. 297–298, 304 (original description).

Stephanactis abyssicola [no author]: Hertwig, 1882 [Ref. 379], p. 79–80, 116.

Uncertain genus *abyssicola* Mos.: Andres, 1883 [Ref. 6170], p. 575, 576. *incertae sedis*

Sagartia Acanellae Verrill, 1883 [Ref. 467], p. 46–47 (original description).

Stephanauge abyssicola (Moseley, 1877): Verrill, 1899 [Ref. 471], p. 145.

Raphactis abyssicola (Moseley) Verrill: Verrill, 1922 [Ref. 477], p. 101.

Stephanauge acanellae (Verr.): Carlgren, 1942 [Ref. 197], p. 49–51.

abyssorum, *Actinauge* (Gravier, 1918)

Junior secondary homonym created by Riemann-Zürneck (1986) to senior homonym of Carlgren (1934) [Ref. 290].

Resolved herein by creating replacement name *Actinauge karinae* for junior homonym. Species had no junior synonyms, had been placed in no genus other than *Actinauge* and original genus *Chitonanthus*, so needed a new name (International Code of Zoological Nomenclature Article 60.3).

Valid name: ***Actinauge karinae* nomen novum**

Type specimens: those of *Chitonanthus abyssorum* Gravier, 1918 [Ref. 101] (International Code of Zoological Nomenclature Article 67.8).

***abyssorum*, *Actinauge* Carlgren, 1934**

Senior homonym to junior secondary homonym created by Riemann-Zürneck (1986). Resolved herein by creating replacement name for junior homonym.

Described from x2.

Type specimens: MZB 39200: 2 syntypes, 45°26'N, 9°20'W (Michael Sars North Atlantic Deep-Sea Expedition 1910 sta. 10)

Synonymy: *Actinauge abyssorum* Carlgren, 1934 [Ref. 290], p. 16–17 (original description). senior homonym

[*non*] *Actinauge abyssorum* (Gravier, 1918): Riemann-Zürneck, 1986 [Ref. 515], p. 11–15. junior secondary homonym

***abyssorum*, *Actinostola* (Danielssen, 1890)**

Synonymy: *Bunodes abyssorum* Danielssen, 1890 [Ref. 321], p. 39–42 (original description).

Actinostola abyssorum Carlgren, 1893 [Ref. 145], p. 66–71, 148 (original description)—
questionably species Danielssen (1890) described.

abyssorum, *Actinostola* Carlgren, 1893

Described from x1.

Type specimen: MZL *no number*: 5 microscope slides of holotype, Norway, Finmark, Altenfjord [Altenfiord, Altafjorden]; NRS 4338: holotype, Norway, Finmark, Altenfjord [Altenfiord, Altafjorden]

abyssorum, *Bunodes* Danielssen, 1890

Valid names used: ***Actinostola abyssorum* (Danielssen, 1890); *Actinostola callosa* (Verrill, 1882)**

Described from x3.

Type specimens: MZL *no number*: 3 microscope slides of syntype, Norway, Tanafjord (Norwegian North Atlantic Expedition 1876–1878 sta. 261); MZB 624: 1 syntype, 61°10'N, 6°32'E (Norwegian North Atlantic Expedition 1876–1878 sta. 2); MZB 625: 1 syntype, Norway, Tanafjord (Norwegian North Atlantic Expedition 1876–1878 sta. 261); MZB 8224: 1 syntype, Norway, Tanafjord (Norwegian North Atlantic Expedition 1876–1878 sta. 261)

***abyssorum*, *Cactosoma* Danielssen, 1890**

Type species of *Cactosoma* by monotypy.

Described from x1.

Type specimen: MZB 9797: holotype, Norway, off Lofoten (Norwegian North Atlantic Expedition 1876–1878 sta. 164)

Synonymy: *Cactosoma abyssorum* Danielssen, 1890 [Ref. 321], p. 82–86 (original description).

Phellia crassa Danielssen, 1890 [Ref. 321], p. 60–64 (original description).

Phellia crassa [*sic*] Danielssen (1890): Kwietniewski, 1897 [Ref. 399], p. 328.

Phelliomorpha crassa (Dan.) Carlgren: Carlgren, 1902 [Ref. 154], p. 44–46.

Phellia crassa (Wasilieff 1908): Carlgren, 1949 [Ref. 31], p. 97.

Cactosoma [*sic*] *abyssorum* Danielssen, 1890: Grebel'nyi, 2001 [Ref. 6026], p. 37.

abyssorum, *Chitonanthus* Gravier, 1918

Valid name: ***Actinauge karinae* nomen novum**

Described from x5 *ex* three localities.

Type specimens: MOM 13 0091: 1 syntype, 44°29'N, 10°31'W (Prince Albert I of Monaco Campagne de 1910: *Princesse-Alice* et l'*Hirondelle* sta. 2997); MOM 13 0090: 3 syntypes, 44°8'N, 10°44'W (Prince Albert I of Monaco Campagne de 1910: *Princesse-Alice* et l'*Hirondelle* sta. 2994); MOM 13 0088: 1 syntype, 45°7'30"N, 7°6'W (Prince Albert I of Monaco Campagne de 1910: *Princesse-Alice* et l'*Hirondelle* sta. 2986)

***abyssorum*, *Halcampoides* Danielssen, 1890**

Type species of *Halcampoides* by monotypy.

Described from x5 *ex* two localities.

Type specimens: MZB 8209: 1 syntype, NW of Norway (Norwegian North Atlantic Expedition 1876–1878 sta. 200); 1 syntype *not found*: Norway, off Lofoten (Norwegian North Atlantic Expedition 1876–1878 sta. 164)

Synonymy: *Halcampa clavus* [no author]: Hertwig, 1882 [Ref. 379], p. 82–85, 116.

Fenja mirabilis Danielssen, 1887 [Ref. 583], p. 3–12, 13, 15–20 (original description).

Ægir frigidus Danielssen, 1887 [Ref. 583], p. 12–19 (original description).

Halcampa kerguelensis Hertwig, 1888 [Ref. 382], p. 28–29 (original description). senior homonym

Halcampoides abyssorum Danielssen, 1890 [Ref. 321], p. 93–100 (original description).

Halcampa septentrionalis Pax, 1912 [Ref. 409], p. 312 (original description).

[*non*] *Halcampa kerguelensis* Studer: Stephenson, 1922 [Ref. 451], p. 252. junior secondary homonym

Halcampoides macrodactyla Pax, 1922 [Ref. 413], p. 75–76 (original description).

Halcampoides stephensoni Pax, 1926 [Ref. 404], p. 59–60 (original description as *nomen novum*).

Comment: Genus erroneously rendered as *Halcampa* on p. 99 of Danielssen (1890).

***abyssorum*, *Paraedwardsia* Carlgren, 1951**

Described from x1.

Type specimen: NHMG Anthoz. 763: holotype, 9°50'N, 26°30'W (Swedish Deep-Sea Expedition sta. 329)

Synonymy: *Paraedwardsia abyssorum* Carlgren, 1951 [Ref. 333], p. 101 (original description).

***abyssorum*, *Sagartiogeton* Carlgren, 1942**

Described from x2.

Type specimens: MZL 336: 2 syntypes, south of Iceland (Danish Ingolf Expedition sta. 64)

Synonymy: *Sagartiogeton abyssorum* Carlgren, 1942 [Ref. 197], p. 23 (original description).

***acanellae*, *Stephanauge* (Verrill, 1883)**

Synonymy: *Actinia abyssicola* Moseley, 1877 [Ref. 166], p. 297–298, 304 (original description).

Stephanauges abyssicola [no author]: Hertwig, 1882 [Ref. 379], p. 79–80, 116.

Sagartia Acanellae Verrill, 1883 [Ref. 467], p. 46–47 (original description).

Stephanauge abyssicola (Moseley, 1877): Verrill, 1899 [Ref. 471], p. 145.

Sagartia acanella [sic] Verrill: Whiteaves, 1901 [Ref. 6236], p. 38.

Raphactis abyssicola (Moseley) Verrill: Verrill, 1922 [Ref. 477], p. 101.

Sagartia acanellae Verr.: Carlgren, 1925 [Ref. 203], p. 1–6.

Stephanauge acanellae (Verr.): Carlgren, 1942 [Ref. 197], p. 49–51.

acanellae, *Sagartia* Verrill, 1883

Valid names used: ***Stephanauge abyssicola* (Moseley, 1877); *Stephanauge acanellae* (Verrill, 1883)**

Described from many specimens.

Type specimens: USNM 31026: 9 syntypes, USA, Massachusetts, Martha's Vineyard (U.S. Fish Commission Steamer *Fish Hawk* 1880 sta. 894); NRS 5678: 1? syntype, USA, Massachusetts, Martha's Vineyard (U.S. Fish Commission Steamer *Fish Hawk* 1880 sta. 894); YPM 9444: 1 syntype, USA, Massachusetts, south of Martha's Vineyard (U.S. Fish Commission Steamer *Fish Hawk* 1880 sta. 880); YPM 9443: 2 syntypes, USA, Massachusetts, SE of Martha's Vineyard (U.S. Fish Commission Steamer *Fish Hawk* 1882 sta. 1121); YPM 9442: 4 syntypes, Atlantic Ocean, off New England or Maritimes (Gloucester Fisheries sta. 219); YPM 9448: 1 syntype, Canada, Atlantic Ocean, east of Banquereau Bank (Gloucester Fisheries sta. 327); YPM 9445: 1 syntype, USA, Massachusetts, Martha's Vineyard (U.S. Fish Commission Steamer *Fish Hawk* 1882 sta. 1122); YPM 9449: 3 syntypes, USA, Massachusetts, Martha's Vineyard (U.S. Fish Commission Steamer *Fish Hawk* 1880 sta. 894); several syntypes *not found*: USA, Massachusetts, south of George's Bank and off Martha's Vineyard (U.S. Fish Commission Steamer *Blake* 1880 sta. 310); several syntypes *not found*: USA, off NE end of Georges Bank (U.S. Fish Commission Steamer *Blake* 1880 sta. 312); several syntypes *not found*: USA, NE end of Georges Bank (U.S. Fish Commission Steamer *Blake* 1880 sta. 308); several syntypes *not found*: USA, NE end of Georges Bank (U.S. Fish Commission Steamer *Blake* 1880 sta. 306); several syntypes *not found*: USA, NE end of Georges Bank (U.S. Fish Commission Steamer *Blake* 1880 sta. 307); several syntypes *not found*: USA, off NE end of Georges Bank (U.S. Fish Commission Steamer *Blake* 1880 sta. 309)

achates, *Actinia* Drayton in Dana, 1846

Valid name: ***Antholoba achates* (Drayton in Dana, 1846)**

Described from x1.

Type specimen: holotype *not found*: Argentina, east coast, Patagonia

Comment: Not type species of *Antholoba*, as given by Carlgren (1949) [Ref. 31] (who listed date as 1849).

***achates*, *Antholoba* (Drayton in Dana, 1846)**

Synonymy: *Actinia achates* Drayton in Dana, 1846 [Ref. 318], p. 142–143 (original description).

Actinia reticulata Couthouy in Dana, 1846 [Ref. 318], p. 144–145 (original description).

Actinia fuegiensis Couthouy in Dana, 1846 [Ref. 318], p. 145–146 (original description).

Sagartia Achates [no author]: Gosse, 1855 [Ref. 95], p. 274.

Sagartia Fuegiensis [no author]: Gosse, 1855 [Ref. 95], p. 274.
Sagartia reticulata [no author]: Gosse, 1855 [Ref. 95], p. 274.
Metridium Achatas [no author]: Milne Edwards, 1857 [Ref. 508], p. 254.
Metridium reticulatum [no author]: Milne Edwards, 1857 [Ref. 508], p. 255.
Discosoma fuegiensis [no author]: Milne Edwards, 1857 [Ref. 508], p. 257.
Actinia achatas [no author]: Duchassaing & Michelotti, 1860 [Ref. 323], p. 42.
Actinia Achatas [no author]: Gosse, 1860 [Ref. 356], p. 24.
Cereus Fuegiensis Verrill: Verrill, 1869 [Ref. 458], p. 480–481.
Antholoba reticulata [no author]: Hertwig, 1882 [Ref. 379], p. 47–49, 116, 118.
Actinoloba reticulata Dana: Andres, 1883 [Ref. 6170], p. 348–349.
Actinoloba achatas Dana: Andres, 1883 [Ref. 6170], p. 389.
Actinobopsis reticulata (Dana): Verrill, 1899 [Ref. 471], p. 144.
Discosoma Fuegiensis (Dana): Duerden, 1900 [Ref. 324], p. 162.
Antholoba achatas (Drayton): McMurrich, 1904 [Ref. 391], p. 250–253.
[*pro parte*] *Actinostola callosa* (Verrill): Rees, 1913 [Ref. 214], p. 382–387.
Antholoba Achatas (Drayton): Carlgren, 1927 [Ref. 210], p. 56–57.

actinostoloides, *Cymbactis* Wassilieff, 1908

Valid name: ***Exocoelactis actinostoloides* (Wassilieff, 1908)**

Described from x1.

Type specimen: ZSM 172 (D143): holotype, Japan, Honshu, Sagami Bay, Jogashima [Joga Island]

***actinostoloides*, *Exocoelactis* (Wassilieff, 1908)**

Synonymy: *Cymbactis actinostoloides* Wassilieff, 1908 [Ref. 478], p. 25–27 (original description).

Cymbactis maxima Wassilieff, 1908 [Ref. 478], p. 27–28 (original description).

Exocoelactis valdiviae Carlgren, 1928 [Ref. 198], p. 187–190 [65–68] (original description).

Parasicyonis actinostoloides (Wassilieff 1908): Carlgren, 1949 [Ref. 31], p. 80.

Parasicyonis maxima (Wassilieff 1908): Carlgren, 1949 [Ref. 31], p. 80.

[*non*] *Parasicyonis actinostoloides* Wassilieff: Allen, 1972 [Ref. 794], p. i.

[*non*] *Cymbactis actinostoloides* Wassilieff: Moyer & Sawyers, 1973 [Ref. 1296], p. 87, 92.

[*non*] *Parasicyonis actinostoroides* (Wassilieff 1908): Uchida, Okamoto, & Fukuda, 1975 [Ref. 1307], p. 31–32, 37–39, 41.

[*non*] *Parasicyonis maxima* (Wassilieff 1908): Uchida, Okamoto, & Fukuda, 1975 [Ref. 1307], p. 32, 38–39, 41.

[*non*] *Parasicyonis [sic] maxima* [no author]: Yanagisawa & Ochi, 1986 [Ref. 1309], p. 1770.

Exocoelactis actinostoloides (Wassilieff, 1908): Arellano & Fautin, 2001 [Ref. 1829], p. 645–656.

***actius*, *Zaolutus* Hand, 1955**

Type species of *Zaolutus* by monotypy.

Described from unspecified number. Specimens referred to as lectotype and paratypes by Hand (1957) [Ref. 373] actually neotype and vouchers, respectively, because published after original description.

Type specimen: USNM 50638: neotype, USA, California, Monterey County, Monterey Bay, Elkhorn Slough

Synonymy: *Harenactis attenuata* Torrey: MacGinitie, 1935 [Ref. 6015], p. 658, 676, 763.

Zaolutus actius Hand, 1955 [Ref. 371], p. 89–97 (original description).

***adeliana*, *Epiactis* Carlgren & Stephenson, 1929**

Described from x1.

Type specimen: AM G13443: holotype, Antarctica, Adelie Land, Commonwealth Bay (Australasian Antarctic Expedition 1911–14)

Synonymy: *Epiactis adeliana* Carlgren & Stephenson, 1929 [Ref. 211], p. 16–19 (original description).

adenensis, *Edwardsia* Faurot, 1895

Valid name: ***Edwardsianthus pudica* (Klunzinger, 1877)**

Described from unspecified number *ex* Red Sea or Gulf of Tadjoura.

Type specimens: syntypes *not found*: Red Sea [Mer Rouge]: syntypes *not found*: East Africa, Djibouti, Gulf of Tadjourah

adhaerens, *Actinia* Hemprich & Ehrenberg in Ehrenberg, 1834

Valid name: ***Entacmaea quadricolor* (Leuckart in Rüppell & Leuckart, 1828)**

Described from unspecified number.

Type specimens: MNB 167: 1 syntype, Eritrea, Red Sea [Mer Rouge], Dahlak [Abessinia] Islands, Massawa [Massaua]; NRS 5570: 1 piece of syntype, Eritrea, Red Sea [Mer Rouge], Dahlak [Abessinia] Islands, Massawa [Massaua]; MNB 168: 1 syntype, Eritrea, Red Sea [Mer Rouge], Dahlak [Abessinia] Islands, Massawa [Massaua]; MNB 169: 4 syntypes, Eritrea, Red Sea [Mer Rouge], Dahlak [Abessinia] Islands, Massawa [Massaua]; NRS 5545: 2 pieces of syntype, Eritrea, Red Sea [Mer Rouge], Dahlak [Abessinia] Islands, Massawa [Massaua]; NRS 5703: 2 pieces of syntype, Eritrea, Red Sea [Mer Rouge], Dahlak [Abessinia] Islands, Massawa [Massaua]; syntypes *not found*: Egypt, Red Sea [Mer Rouge], near Suez

***adhaesivum*, *Cryptodendrum* Klunzinger, 1877**

Type species of *Cryptodendrum* by monotypy.

Described from unspecified number >1.

Type specimens: MNB 1877: 2 syntypes, Egypt, Red Sea, Koseir; NRS 1159: piece of syntype, Egypt, Red Sea [Mer Rouge], Koseir

Synonymy: *Cryptodendrum adhäsivum* Klunzinger, 1877 [Ref. 121], p. 86 (original description).

Cryptodendrum adhaesivum Klzgr.: Studer, 1879 [Ref. 262], p. 545.

Cryptodendrum adhaesivum Klunz.: Haddon & Shackleton, 1893 [Ref. 364], p. 117.

Cryptodendrum adhaesivum (d'ap. Klunzinger): Delage & Hérouard, 1901 [Ref. 66], p. 538.

[*pro parte*] *Cryptodendron* sp.: Stephenson, 1921 [Ref. 450], p. 534.

Cryptodendron adhaesivum Klunz., 1877: Stephenson, 1922 [Ref. 451], p. 296.

Cryptodendrum adhesivum Klunz.: Carlgren, 1940 [Ref. 281], p. 7, 32–34.

Stoichactis digitata Doumenc, 1973 [Ref. 49], p. 175, 194–198 (original description).

Cryptodendron [*sic*] *adhaesivum* Klunzinger, 1877: England, 1987 [Ref. 63], p. 208.

[*pro parte*] *Cryptodendrum* sp.: Chintiroglou, Doumenc, Le Renard, Foubert, & Kolyva-Machaira, 1996 [Ref. 665], p. 127, 130.

adpersa, *Actinia* Gravenhorst, 1831

Valid name: ***Actinia cari* Delle Chiaje, 1822**

Described from unspecified number.

Type specimens: syntypes *not found*: Mediterranean Sea, Adriatic Sea, Trieste [Tergestum]

aedulis, *Anemonia* Risso, 1826

Valid name: ***Anemonia sulcata* (Pennant, 1777)**

Described from unspecified number.

Type specimens: syntypes *not found*: France, Mediterranean Sea, Nice

aequoreae, *Bicidium* McMurrich, 1913

Valid name: ***Peachia quinquecapitata* McMurrich, 1913**

Described from many specimens.

Type specimens: syntypes *not found*: Canada, British Columbia, Vancouver Island

***aeneus*, *Stylobates* Dall, 1903**

Type species of *Stylobates* by monotypy.

Described from x1.

Type specimen: USNM 795117 (mollusk collection): holotype, USA, Hawaiian Islands, between Oahu and Molokai Islands, Kaiwi Channel (Hawaiian Explorations (*Albatross*) sta. 3893)

Synonymy: *Stylobates aeneus* Dall, 1903 [Ref. 43], p. 62 (original description).

Stylobates aeneus [no author]: Dall, 1919 [Ref. 44], p. 79.

***affinis*, *Anthothoe* (Johnson, 1861)**

Synonymy: *Sagartia affinis* Johnson, 1861 [Ref. 118], p. 299 (original description).

Anthothoe affinis (Johnson, 1861): Ocaña & den Hartog, 2002 [Ref. 4880], p. 43, 47, 49.

affinis, *Sagartia* Johnson, 1861

Valid names used: ***Anthothoe affinis* (Johnson, 1861); *Calliactis parasitica* (Couch, 1842)**

Described from many specimens.

Type specimens: syntypes *not found*: Atlantic Ocean, Madeira Archipelago, Madeira, near Funchal

africana, *Actinoides* [*sic*] Carlgren, 1900

Valid name: ***Anthopleura africana* (Carlgren, 1900)**

Described from x1.

Type specimen: ZMH C2588: holotype, East Africa, Tanzania, Zanzibar, Bueni Reef

***africana*, *Anthopleura* (Carlgren, 1900)**

Synonymy: *Actinoides* [*sic*] *africana* Carlgren, 1900 [Ref. 195], p. 44–46 [64–66] (original description).

Actinoides africana Carlgren.: Pax, 1907 [Ref. 402], p. 77.

Anthopleura africana (Carlgren 1900): Carlgren, 1949 [Ref. 31], p. 53.

***africana*, *Bolocera* Pax, 1909**

Described from unspecified number (inferred x1).

Type specimen: MNB 4743: holotype, East Africa, Tanzania, Mikindani

Synonymy: *Bolocera africana* Pax, 1909 [Ref. 406], p. 400–401 (original description).

***africana*, *Chondrophellia* Carlgren, 1928**

Described from x1.

Type specimen: MNB 7194: holotype, East Africa, Somaliland (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 264); MZL *no number*: 3 microscope slides of holotype, East Africa, Somaliland (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 264)

Synonymy: *Chondrophellia africana* Carlgren, 1928 [Ref. 198], p. 216–218 [94–96] (original description).

agassizii, *Aiptasia* Andres, 1883

Valid name: ***Aiptasia pallida* (Agassiz in Verrill, 1864)**

Type specimens of a *nomen novum* are those of the species whose name is replaced (International Code of Zoological Nomenclature Article 72.7).

Comments: Labeled “n. n.” (*nomen novum*) for manuscript name of Agassiz that Verrill published as *Dysactis pallida*. The reason(s) Andres renamed it unclear: discussion taxonomic. Not a replacement name in sense of International Code of Zoological Nomenclature Article 60. An unnecessary substitute name available nonetheless (International Code of Zoological Nomenclature Article 10.6).

***akkeshi*, *Metedwardsia* (Uchida, 1932)**

Synonymy: *Milne-edwardsia akkeshi* Uchida, 1932 [Ref. 256], p. 571–575 (original description).

Drillactis akkeshi (Uchida): Uchida, 1940 [Ref. 1820], p. 267.

Milne-Edwardsia akkeshi Uchida: Uchida, 1940 [Ref. 1820], p. 265–267.

Metedwardsia akkeshi (Uchida 1932): Carlgren, 1949 [Ref. 31], p. 26.

Metedwardsia akkeski [*sic*] (Uchida): Pei, 1998 [Ref. 765], p. 78–79, 228.

akkeshi, *Milneedwardsia* Uchida, 1932

Type species of *Metedwardsia* by monotypy.

Valid name: ***Metedwardsia akkeshi* (Uchida, 1932)**

Described from many specimens.

Type specimens: syntypes *not found*: Japan, Hokkaido, Akkeshi cove

***alba*, *Actinia* Risso, 1826**

Senior to junior primary homonym of W.P. Cocks in Johnston (1847), but junior primary homonym to senior homonym of Bruguière, 1789. Bruguière species now in *Discosoma* of order Corallimorpharia; Cocks species now in *Sagartia*. A case must be put before Commission to continue to use name: until ruling is made, “prevailing usage of both names is to be maintained” (Code Article 23.9.5).

Described from unspecified number.

Type specimens: syntypes *not found*: France, Mediterranean Sea, Nice

Synonymy: [*non*] *Priapus albus* Forsskål, 1775 [Ref. 86], p. 101 (original description).

[*non*] *Actinia alba* [no author]: Bruguière, 1789 [Ref. 606], p. 14. senior homonym

Actinia alba Risso, 1826 [Ref. 739], p. 287 (original description). junior primary homonym

[*non*] *Actinia alba* W.P. Cocks in Johnston, 1847 [Ref. 694], p. 217–218 (original description). junior primary homonym

Actinia alba [no author]: Andres, 1883 [Ref. 6170], p. 591. *species delendae*

alba, *Actinia* W.P. Cocks in Johnston, 1847

Junior primary homonym to senior homonyms of Bruguière, 1789, and Risso (1826). Bruguière species now in *Discosoma* of order Corallimorpharia. Because species put in other genera before 1900, a case must be put before International Commission on Zoological Nomenclature (International Code of Zoological Nomenclature Article 23.9.5) and until a ruling is made, “prevailing usage of both names is to be maintained.”

Valid name: [*Sagartia*] ***alba* (W. P. Cocks in Johnston, 1847)**

Described from unspecified number.

Type specimens: syntypes *not found*: UK, England, Cornwall

***alba*, *Hormathia* (Andres, 1881)**

Synonymy: *Phellia nummus* var. *alba* Andres, 1881 [Ref. 4], p. 308, 326, 341 (original description).

Phelliopsis nummus (Andres): Fischer, 1887 [Ref. 80], p. 410–413, 416.

Hormathia alba (Andres, 1881): Tur, 1993 [Ref. 254], p. 214–218.

***alba*, *Isosicyonis* (Studer, 1879)**

Synonymy: *Paractis alba* Studer, 1879 [Ref. 262], p. 545 (original description).

Paractis Studerii Andres, 1883 [Ref. 6170], p. 479 (original description as *nomen novum*).

Isosicyonis alba (Stud.): Carlgren, 1927 [Ref. 210], p. 52–55.

alba, *Paractis* Studer, 1879

Type species of *Isosicyonis* by monotypy.

Valid name: ***Isosicyonis alba* (Studer, 1879)**

Described from xl.

Type specimen: MNB 5946: holotype, Argentina, off Patagonia (*Gazelle* Expedition); NRS 56: 3 pieces of holotype, Argentina, off Patagonia (*Gazelle* Expedition)

Comment: *Paractis studerii* Andres, 1883, a *nomen novum* for this species.

***alba*, *Sagaria* (Cocks in Johnston, 1847)**

Synonymy: [*non*] *Priapus albus* Forsskål, 1775 [Ref. 86], p. 101 (original description).

[*non*] *Actinia alba* [no author]: Bruguière, 1789 [Ref. 606], p. 14. senior homonym

[*non*] *Actinia alba* Risso, 1826 [Ref. 739], p. 287 (original description). junior primary homonym

Actinia alba W.P. Cocks in Johnston, 1847 [Ref. 694], p. 217–218 (original description). junior primary homonym

Actinea [*sic*] *alba* Cocks: Cocks, 1850 [Ref. 6093], p. 94.

Bunodes alba [no author]: Gosse, 1855 [Ref. 95], p. 274.

Cereus albus [no author]: Milne Edwards, 1857 [Ref. 508], p. 270.

Heliactis alba Cocks: Andres, 1883 [Ref. 6170], p. 389.

Sagartia ? *alba* (Cocks): Stephenson, 1935 [Ref. 505], p. 392 (of uncertain status).

***albens*, *Anthothoe* (Stuckey, 1909)**

Synonymy: *Thoe albens* Stuckey, 1909 [Ref. 244], p. 385–386 (original description).

Actinothoë albens (Stuckey 1909): Carlgren, 1949 [Ref. 31], p. 103.
Actinothoe albens Stuckey, 1909: Parry, 1951 [Ref. 181], p. 89, 90.
Anthothoe albens (Stuckey, 1909): Dawson, 1992 [Ref. 1261], p. 42.

albens, *Thoe* Stuckey, 1909

Valid name: ***Anthothoe albens* (Stuckey, 1909)**

Described from unspecified number.

Type specimens: syntypes *not found*: New Zealand, North Island, Wellington, Island Bay

***albocincta*, *Anthothoe* (Hutton, 1879)**

Synonymy: *Gregoria albocincta* Hutton, 1879 [Ref. 117], p. 312 (original description).

Gregoria albocinctus [*sic*] Hutton: Farquhar, 1898 [Ref. 75], p. 527.

Sagartia albocincta [no author]: Stuckey, 1909 [Ref. 243], p. 372–373.

Sagartia albo-cincta Stuckey: Kirk & Stuckey, 1909 [Ref. 120], p. 386.

Actinothoë albocincta (Hutton 1878): Carlgren, 1949 [Ref. 31], p. 103.

Anthothoë albocincta (Stuck.): Carlgren, 1950 [Ref. 303], p. 130–132 [10–12].

Actinothoe albocincta Hutton, 1878: Parry, 1951 [Ref. 181], p. 89, 90.

Anthothoe albocincta (Hutton): Cutress, 1971 [Ref. 315], p. 83, 84, 88.

albocincta, *Gregoria* Hutton, 1879

Valid name: ***Anthothoe albocincta* (Hutton, 1879)**

Described from unspecified number.

Type specimens: syntypes *not found*: New Zealand, South Island, near Dunedin

***albopunctata*, *Cribrinopsis* Sanamyan & Sanamyan, 2006**

Described from holotype, x5 paratypes.

Type specimens: KPI 261/3: holotype, Russia, Kamchatka, Avacha [Awatcha] Bay, Starichkov Island; KPI 263/5: 4 paratypes, Russia, Kamchatka, Avacha [Awatcha] Bay, Starichkov Island; KPI 262/4: 1 paratype, Russia, Kamchatka, Avacha [Awatcha] Bay, Starichkov Island

Synonymy: *Cribrinopsis albopunctata* Sanamyan & Sanamyan, 2006 [Ref. 5638], p. 359, 360–365, 369, 383, 384, 389, 390 (original description)

***albovirdis*, *Sagartia* Kirk & Stuckey, 1909**

Described from unspecified number.

Type specimens: syntypes *not found*: New Zealand, Campbell Island

Synonymy: *Sagartia albo-virdis* Kirk & Stuckey, 1909 [Ref. 120], p. 385 (original description).

Sagartia albovirdis Kirk & Stuckey, 1909: correct spelling original herein.

alcyonoidea, *Actinia* Quoy & Gaimard, 1833

Valid name: ***Actinodendron alcyonoideum* (Quoy & Gaimard, 1833)**

Described from unspecified number.

Type specimens: syntypes *not found*: Tonga, Panhi-Motou

***alcyonoideum*, *Actinodendron* (Quoy & Gaimard, 1833)**

Synonymy: *Actinodendron alcyonoidea* Quoy et Gaim.: de Blainville, 1830 [Ref. 94], p. 287. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 12.1.

Actinia alcyonoidea Quoy & Gaimard, 1833 [Ref. 194], p. 154–155 (original description).

Actinodendron alcyonoideum [no author]: de Blainville, 1834 [Ref. 64], p. 320.

Actinodendron alcyonoideum [no author]: Milne Edwards, 1857 [Ref. 508], p. 295.

Actinodendron alcyonidium Quoy and Gaimard: Saville-Kent, 1897 [Ref. 439], p. 223–224.

Actinodendron glomeratum Haddon, 1898 [Ref. 363], p. 399, 492–493 (original description).

alderi, *Actinea* [*sic*] Cocks, 1851

Valid name: *Actinothoe alderi* (Cocks, 1851)

Described from unspecified number.

Type specimens: syntypes *not found*: UK, England, Cornwall, five miles east of Falmouth harbour

***alderi*, *Actinothoe* (Cocks, 1851)**

Synonymy: *Actinea Alderi* Cocks, 1850 [Ref. 6093], p. 94. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 12.1.

Actinea [*sic*] *Alder* Cocks: Cocks, 1851 [Ref. 36], p. 9.

Sagartia Alderi (Cocks): Gosse, 1858 [Ref. 96], p. 416.

Thoe? *Alder* (Cocks): Gosse, 1860 [Ref. 356], p. 354. *incertae sedis*

Actinia alderi [no author]: Andres, 1883 [Ref. 6170], p. 597–598. *species delendae*

Actinothoe alderi (Cocks): Stephenson, 1935 [Ref. 505], p. 392 (of uncertain status).

***aleutiensis*, *Ptychodactis* Eash-Loucks, Jewett, Fautin, Hoberg, & Chenelot, 2010**

Described from holotype, x5 paratypes.

Type specimens: KU 002951: holotype, USA, Alaska, Aleutian Islands, Islands of Four Mountains, Kagamil Island, Kagamil Pass; CAS 171745: 2 paratypes, USA, Alaska, Aleutian Islands, Rat Islands, Amchitka Island, NW of Constantine Harbor; USNM 1125408: 1 paratype, USA, Alaska, Aleutian Islands, Rat Islands, Little Sitkin Island, near Finger Pt.; KU 003022: 1 paratype, USA, Alaska, Aleutian Islands, Near Islands, Attu Island, Temnac Bay; KU 002952: 1 paratype, USA, Alaska, Aleutian Islands, Rat Islands, Little Kiska Island, E of Yug Pt.

Synonymy: *Ptychodactis aleutiensis* Eash-Loucks, Jewett, Fautin, Hoberg, & Chenelot, 2010 [Ref. 6108], p. 570–577 (original description).

alfordi, *Aegeon* Gosse, 1865

Type species of *Aegeon* by monotypy.

Valid name: *Anthopleura ballii* (Cocks, 1851)

Described from x1.

Type specimen: holotype *not found*: UK, Isles of Scilly

***algaensis*, *Calliactis* Carlgren, 1938**

Described from x5.

Type specimens: MZL *no number*: 6 microscope slides of syntype, South Africa, Eastern Cape, East London; NRS 1175: 3 syntypes, South Africa, Eastern Cape, East London; 2 syntypes *not found*: South Africa, Eastern Cape Province, Algoa Bay

Synonymy: *Calliactis algaensis* Carlgren, 1938 [Ref. 283], p. 74–76 (original description).

Calliactis algaensis Carlgren: England, 1971 [Ref. 60], p. 27–29.

***algaensis*, *Isophellia* Carlgren, 1928**

Described from x1.

Type specimen: MNB 7179: holotype, South Africa, Algoa Bay (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 101)

Synonymy: *Isophellia algaensis* Carlgren, 1928 [Ref. 198], p. 236–239 [114–117] (original description).

Isophellia algaensis Carlgren: Carlgren, 1938 [Ref. 283], p. 67.

Isophellia algonensis [*sic*] Carlgren 1928: Carlgren, 1949 [Ref. 31], p. 89.

Isophellia algaensis [*sic*] Carlgren (1928): Cutress, 1971 [Ref. 315], p. 87.

***algaensis*, *Phelliactis* Carlgren, 1928**

Described from x1.

Type specimen: MNB 7184: holotype, South Africa, Algoa Bay (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 101)

Synonymy: *Phelliactis algaensis* Carlgren, 1928 [Ref. 198], p. 208–211 [86–89] (original description).

Phelliactis algaensis Carlgren: Carlgren, 1938 [Ref. 283], p. 82–83.

***alicemartinae*, *Anemonia* Häussermann & Försterra, 2001**

Described from holotype, x73 paratypes.

Type specimens: ZSM 224, 224/1: holotype, Chile, Coquimbo, Playa La Herradura (sta. S19); MUC UCCC-25632: 1 paratype, Chile, Coquimbo, Playa La Herradura (sta. S19); NNM Coel. 24378/10: 10 paratypes, Chile, S. Antofagasta (sta. P8); NNM Coel. 24380/11: 10½ paratypes, Chile, Pozo Toyo; NNM Coel. 24379/24: 24 paratypes, Chile, S. Antofagasta (sta. P8); NNM Coel. 24381/3: 3 paratypes, Chile, Iquique lab (sta. P1); NNM 24379: 24 paratypes, Chile, S. Antofagasta (sta. P8); NNM 24381: 3 paratypes, Chile, Iquique lab (sta. P1); NNM 24380: 10½ paratypes, Chile, near Iquique (sta. P2); NNM 24378: 11 paratypes, Chile, S. Antofagasta (sta. P8); USNM 100647: 1 paratype, Chile, Coquimbo, middle of Bahía La Herradura (sta. Aq. Co.); NRS 5227: 1 paratype, Chile, Coquimbo, Playa La Herradura (sta. S19); KU 001529: 1 paratype, Chile, Coquimbo, middle of Bahía La Herradura (sta. Aq. Co.); ZSM 225: 3 paratypes, Chile, Coquimbo, Playa La Herradura (sta. S19); ZSM 226: 1 paratype, Chile, La Capilla (sta. S2); ZSM 227: 2 paratypes, Chile, La Capilla (sta. S2); ZSM 228: 1 paratype, Chile, Coquimbo, middle of Bahía La Herradura [or Cocholgüe] (sta. S43); ZSM 229: 1 paratype, Chile, Coquimbo, middle of Bahía La Herradura [or Cocholgüe] (sta. S43); ZSM 230–232: 3 paratypes, Chile, Coquimbo, middle of Bahía La Herradura (sta. Aq. Co.); ZSM 233: 5 paratypes, Chile, Coquimbo, middle of Bahía La Herradura (sta. Aq. Co.); ZSM 20012947: 2 paratypes, Chile, Coquimbo, middle of Bahía La Herradura [or Cocholgüe] (sta. S43); ZSM 20012948: 2 paratypes, Chile, Coquimbo, middle of Bahía La Herradura [or Cocholgüe] (sta. S43); ZMH C11664: 1 paratype, Chile, Coquimbo, Playa La Herradura (sta. S19)

Synonymy: *Actinia* sp.: Sebens & Paine, 1978 [Ref. 1819], p. 5, 9, 10.

Anemonia alicemartinae Häussermann & Försterra, 2001 [Ref. 1485], p. 211–223 (original description).

Anemonia alicemartinar [sic] [no author]: Chen, Soong, & Chen, 2008 [Ref. 6149], p. 38.

allantoides, *Phellia* Bourne, 1918

Valid name: ***Telmatactis allantoides* (Bourne, 1918)**

Described from x1.

Type specimen: holotype *not found*: New Caledonia [Nouvelle-Calédonie], Loyalty Islands, Uvea

***allantoides*, *Telmatactis* (Bourne, 1918)**

Synonymy: *Phellia allantoides* Bourne, 1918 [Ref. 25], p. 53–57 (original description).

Telmatactis allantoides (Bourne 1918): Carlgren, 1949 [Ref. 31], p. 90.

***allmanni*, *Edwardsia* M'Intosh, 1866**

Described from unspecified number (inferred x1).

Type specimen: holotype *not found*: UK, Scotland, St. Andrews

Synonymy: *Edwardsia Allmanni* M'Intosh, 1866 [Ref. 560], p. 394–395 (original description). *nomen dubium* according to Williams, 1981 [Ref. 491], p. 348.

Edwardsiella Allmani McIntosh: Pennington, 1885 [Ref. 422], p. 178.

Edwardsia allmani M'Intosh: Haddon, 1889 [Ref. 362], p. 332.

Edwardsia allmani, McIntosh 1865: Stephenson, 1935 [Ref. 505], p. 390 (of uncertain status).

Edwardsia allmanni McIntosh 1865: Carlgren, 1949 [Ref. 31], p. 23.

***altifossa*, *Aulactinia* (Lager, 1911) new combination**

Synonymy: *Cribrina altifossa* Lager, 1911 [Ref. 127], p. 234–235 (original description).

Bunodactis altifossa (Lager 1911): Carlgren, 1949 [Ref. 31], p. 65.

Aulactinia altifossa (Lager 1911): new combination herein.

altifossa, *Cribrina* Lager, 1911

Valid name: ***Aulactinia altifossa* (Lager, 1911) new combination**

Described from x1.

Type specimen: ZMH C5329: holotype, Australia, Western Australia, Sharks Bay, Surf Point [detail from specimen label] (Hamburger südwest-australischen Forschungsreise 1905 sta. 25)

amacha, *Aiptasia* Gosse, 1858

Type species of *Aiptasia* by monotypy.

Valid name: *Aiptasia mutabilis* (Gravenhorst, 1831)

Described from unspecified number.

Type specimens: syntypes *not found*: UK, Britain

ambiguus, *Myonanthus* McMurrich, 1893

Type species of *Myonanthus* by monotypy.

Described from "many specimens."

Type specimens: USNM 17805: 136 syntypes, USA, California, north of Channel Islands, San Clemente Island (U.S. Fish Commission Steamer *Albatross* 1888 sta. 2839); NRS 5629: 2 syntypes, USA, California, north of Channel Islands, San Clemente Island (U.S. Fish Commission Steamer *Albatross* 1888 sta. 2839)

Synonymy: *Myonanthus ambiguus* McMurrich, 1893 [Ref. 386], p. 151–153, 199, 206 (original description).

ambonensis, *Acremodactyla* Kwietniewski, 1897

Type species of *Acremodactyla* by monotypy.

Valid name: *Actinodendron arboreum* (Quoy & Gaimard, 1833)

Described from x6.

Type specimens: MNB 3812: 1 syntype, Indonesia, Moluccas Islands, Ambon [Amboina]; NRS 4864: 1 syntype, Indonesia, Moluccas Islands, Ambon [Amboina]; PMJ 1031: 1 syntype, Indonesia, Moluccas Islands, Ambon [Amboina]

ambonensis, *Actinioides* Kwietniewski, 1898

Valid name: *Anthopleura ambonensis* (Kwietniewski, 1898)

Described from x4.

Type specimens: MNB 3809: 1 syntype, Indonesia, Moluccas Islands, Ambon [Amboina]; NRS 4866: wedge of syntype, Indonesia, Moluccas Islands, Ambon [Amboina]; PMJ 61: 2 syntypes, Indonesia, Moluccas Islands, Ambon [Amboina]

ambonensis, *Anthopleura* (Kwietniewski, 1898)

Synonymy: *Actinioides ambonensis* Kwietniewski, 1898 [Ref. 125], p. 387, 389, 389–390 (original description).

Actinoides [sic] *ambonensis* Kwietn.: Carlgren, 1900 [Ref. 195], p. 43 [63].

Actinogeton ambonensis (Kwietniewski 1898): Carlgren, 1949 [Ref. 31], p. 62.

Anthopleura ambonensis (Kwietniewski, 1898): England, 1992 [Ref. 73], p. 58, 61.

ambonensis, *Discosoma* Kwietniewski, 1898

Valid name: *Stichodactyla tapetum* (Hemprich & Ehrenberg in Ehrenberg, 1834)

Described from x2.

Type specimens: NRS 5580: piece of syntype, Indonesia, Moluccas Islands, Ambon [Amboina]; PMJ *no number*: 1(?) syntype, Indonesia, Moluccas Islands, Ambon [Amboina]

ambonensis, *Phellia* Kwietniewski, 1898

Valid name: *Telmatactis ambonensis* (Kwietniewski, 1898)

Described from x13.

Type specimens: MNB 3810: 1 syntype, Indonesia, Moluccas Islands, Ambon [Amboina]; NRS 1185: 1 syntype, Indonesia, Moluccas Islands, Ambon [Amboina]

ambonensis, *Telmatactis* (Kwietniewski, 1898)

Synonymy: *Phellia ambonensis* Kwietniewski, 1898 [Ref. 125], p. 387–388, 398–400 (original description).

Telmatactis ambonensis (Kwietniewski 1897a): Carlgren, 1949 [Ref. 31], p. 90.

ambulans, *Polyparium* Korotneff, 1886

Type species of *Polyparium* by monotypy.

Valid name: ***Stichodactyla gigantea* (Forsskål, 1775)**

Described from x1.

Type specimen: KUSP 126: holotype, Indonesia, strait between Billiton Island and Mendano Island

americana, *Phellia* Verrill, 1868

Valid name: ***Telmatactis cricoides* (Duchassaing, 1850)**

Type specimens of a *nomen novum* are those of the species whose name is replaced (International Code of Zoological Nomenclature Article 72.7).

Comment: Replacement name (International Code of Zoological Nomenclature Article 60) for junior secondary homonym *Phellia clavata* (Duchassaing & Michelotti, 1860), created by Duerden, 1897.

americana, *Phelliactis* Widersten, 1976

Described from x2 *ex* two localities.

Type specimens: USNM 54323: holotype, USA, Delaware (Bureau of Commercial Fisheries sta. 27); 1 paratype *not found*: Northwest Atlantic Ocean (*Albatross IV* sta. 73)

Synonymy: *Phelliactis americana* Widersten, 1976 [Ref. 267], p. 872–873 (original description).

amethystina, *Actinia* Quoy & Gaimard, 1833

Valid name: ***Stichodactyla gigantea* (Forsskål, 1775)**

Described from unspecified number.

Type specimens: syntypes *not found*: Papua New Guinea, New Ireland [Neu-Hannover], Carteret Harbor

anachoreta, *Actinia* Pax, 1922

Valid name: ***Pseudactinia flagellifera* (Hertwig, 1882)**

Described from unspecified number >1.

Type specimens: MNB 7003: 2 syntypes, South Africa, False Bay, Simons Bay; MNB 7004: 2 syntypes, South Africa, False Bay, Simons Bay

andersoni, *Hormathia* Haddon, 1888

Described from x3.

Type specimens: MZC *no number*: wedge of syntype, Thailand, Mergui Archipelago, Sullivan Island [Lampi Island or Kyun Tan Shey]

Synonymy: *Hormathia Andersoni* Haddon, 1888 [Ref. 369], p. 251–254 (original description).

Hormathia andersoni Haddon: Haddon, 1889 [Ref. 362], p. 309–310.

=? *Hormathianthus tuberculatus* Carlgren, 1943 [Ref. 305], p. 33–35 (original description).

andresi, *Edwardsia* Danielssen, 1890

Described from "numerous specimens".

Type specimens: MZL *no number*: 3 microscope slides of syntype, Norway, Skjerstadvjord (Norwegian North Atlantic Expedition 1876–1878 sta. 253); MZB 2345: 22 syntypes, Norway, Skjerstadvjord (Norwegian North Atlantic Expedition 1876–1878 sta. 253); NRS 5694: 2 syntypes, Norway, Skjerstadvjord (Norwegian North Atlantic Expedition 1876–1878 sta. 253)

Synonymy: *Edwardsia Andresi* Danielssen, 1890 [Ref. 321], p. 106–111 (original description).

Edwardsia andresi Danielssen: Carlgren, 1895 [Ref. 734], p. 285.

Edwardsioides andresi Danielssen, 1890: England, 1987 [Ref. 63], p. 218.

andresii, *Halcampa* Haddon, 1885

Valid name: ***Halcampa chrysanthellum* (Peach in Johnston, 1847)**

Described from x1.

Type specimen: holotype said to be in NHMD: Ireland, County Dublin, Malahide

***androgyna*, *Calliactis* Riemann-Zürneck, 1975**

Described from x1.

Type specimen: ZMH C7629: holotype, Brazil, off Rio Grande do Sul (*Walther Herwig* 1968 sta. 55)

Synonymy: *Calliactis androgyna* Riemann-Zürneck, 1975 [Ref. 428], p. 388–394 (original description).

anemone, *Actinia* Ellis, 1767

Type species of *Homostichanthus* by monotypy.

Valid names used: *Homostichanthus duerdeni* Carlgren, 1900; *Stichodactyla helianthus* (Ellis, 1767)

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, West Indies

angrae pequena, *Actinioides* Pax, 1907

Valid names used: *Anthopleura michaelsoni* (Pax, 1920); *Anthothoe stimpsonii* (Verrill, 1869)

Described from x32.

Type specimens: syntypes *not found*: Namibia, Lüderitz Bay

anguicoma, *Actinia* J. Price in Johnston, 1847

Valid names used: *Actinothoe anguicoma* (Price in Johnston, 1847); *Sagartiogeton undatus* (Müller, 1778);
Sagartiogeton viduatus (Müller, 1776)

Described from x2.

Type specimens: syntypes *not found*: UK, Wales, Menai Strait, near Bangor, on the south side of the stepping stones at Garth Ferry

***anguicoma*, *Actinothoe* (Price in Johnston, 1847)**

Synonymy: *Actinia undata* Müller, 1778 [Ref. 169], p. 30 (original description).

Actinia anguicoma J. Price in Johnston, 1847 [Ref. 694], p. 218–219 (original description).

Actinea [*sic*] *anguicoma* Price: Cocks, 1850 [Ref. 6093], p. 94.

Sagartia viduata [no author]: Gosse, 1855 [Ref. 95], p. 274.

Cylista viduata (Müller.): Wright, 1859 [Ref. 948], p. 118.

Heliactis viduata [no author]: Andres, 1881 [Ref. 4], p. 306, 307, 323–324, 340.

Sagartia anguicoma (Price): Stephenson, 1928 [Ref. 504], p. 111.

Actinothoe anguicoma (Price): Stephenson, 1935 [Ref. 505], p. 355–362.

Actinothoë anguicoma (Price): Müllegger, 1938 [Ref. 749], p. 9, 13.

***anjunae*, *Anthopleura* den Hartog & Vennam, 1993**

Described from holotype, x41 paratypes.

Type specimens: NNM 18428: holotype, India, Goa, Anjuna; NNM 18429: 29 paratypes, India, Goa, Anjuna; NNM 18430: 14–15 paratypes, India, Goa, Anjuna

Synonymy: [*non*] *Anthopleura midori* Uchida & Muramatsu, 1958 [Ref. 261], p. 112–113 (original description).

Anthopleura midori Uchida, 1958: Parulekar, 1968 [Ref. 184], p. 138, 142, 145.

Anthopleura anjunae den Hartog & Vennam, 1993 [Ref. 110], p. 602–610 (original description).

***annamensis*, *Edwardsia* Carlgren, 1943**

Described from unspecified number *ex* two localities.

Type specimens: NRS 4072: >1? syntypes, Vietnam, North Annam, Tourane, Lien Chien; syntypes *not found*:
Cambodia, Réam

Synonymy: *Edwardsia annamensis* Carlgren, 1943 [Ref. 305], p. 19–20 (original description).

***annamensis*, *Nemanthus* Carlgren, 1943**

Described from "several specimens" *ex* two localities.

Type specimens: NRS 4019: ~39 syntypes, Vietnam, South Annam, Bay of Nhatrang; NRS 4074: 1 syntype, Cambodia,
Réam

Synonymy: *Nemanthus annamensis* Carlgren, 1943 [Ref. 305], p. 36–38 (original description).

***anneae*, *Anthopleura* Carlgren, 1940**

Described from x2.

Type specimens: NRS 4067: 2 syntypes, South Africa, Natal, south of Durban, Umtwalumi

Synonymy: *Anthopleura anae* Carlgren, 1940 [Ref. 298], p. 1–3 (original description).

Anthopleura anae [sic] Carlgren, 1940b: England, 1987 [Ref. 63], p. 239.

***anae*, *Epiphellia* Carlgren, 1950**

Type species of *Epiphellia* by original designation.

Described from x1.

Type specimen: BMNH 1954.6.28.13: holotype, Australia, Queensland, Great Barrier Reef, Low Isles (Great Barrier Reef Expedition 1928–29); MZL *no number*: 4 microscope slides of holotype, Australia, Queensland, Great Barrier Reef, Low Isles (Great Barrier Reef Expedition 1928–29)

Synonymy: *Epiphellia anae* Carlgren, 1949 [Ref. 31], p. 90. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 13.1.1.

Epiphellia anae Carlgren, 1950 [Ref. 311], p.427, 450–452 (original description).

***annularis*, *Halianthella* Carlgren, 1938**

Described from 5 collections: x6 in one, unspecified number in others.

Type specimens: NHMG Anthoz. 102: 9 syntypes, South Africa, Cape Peninsula, Kommetje; NRS 4873: 2 syntypes, South Africa, Cape Peninsula, Kommetje; NRS 4871: 6 syntypes, South Africa, Cape Peninsula, Oudekraal [Oude Kraal]; NRS 5550: 4 syntypes, South Africa, Cape Peninsula, Kommetje; NRS 5585: 6+ syntypes, South Africa, Cape Peninsula, Oudekraal [Oude Kraal]; NRS 3982: 99 syntypes, South Africa, Cape Peninsula, Kommetje

Synonymy: *Halianthella annularis* Carlgren, 1938 [Ref. 283], p. 26–27 (original description).

***annularis*, *Stephanauge* Carlgren, 1936**

Described from "several specimens, badly preserved" (Carlgren, 1936: 22).

Type specimens: USNM 43062: 41 syntypes, USA, California, Monterey Bay; NRS 5705: 1 syntype, USA, California, Monterey Bay

Synonymy: *Stephanauge annularis* Carlgren, 1936 [Ref. 289], p. 22–23 (original description).

Stephanauge annularia [sic] Carlgren, 1936: Kostina, 1988 [Ref. 506], p. 19.

***annulata*, *Actinia* Le Sueur, 1817**

Senior homonym to junior primary homonym of Gay (1854). Resolved: although senior, replaced by an available synonym (International Code of Zoological Nomenclature Article 23.3.5) (so junior homonym considered valid).

Designated type species of *Bartholomea* by Stephenson (1920): although species not originally included in genus as required (International Code of Zoological Nomenclature Article 69.2), junior subjective synonym *Bartholomea inula* Duchassaing & Michelotti, 1864, was.

Valid name: ***Bartholomea annulata* (Le Sueur, 1817)**

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, Lesser Antilles, Barbados

***annulata*, *Actinia* Gay, 1854**

Junior primary homonym to senior homonym of LeSueur (1817). Resolved by replacing senior homonym (so junior homonym considered valid).

Described from unspecified number.

Type specimens: syntypes *not found*: Chile, Chiloé Island, San Carlos

Synonymy: [*non*] *Actinia annulata* Le Sueur, 1817 [Ref. 128], p. 172–173 (original description). senior homonym

Actinia annulata Gay, 1854 [Ref. 5981], p. 452 (original description). junior primary homonym

***annulata*, *Bartholomea* (Le Sueur, 1817)**

Synonymy: *Actinia annulata* Le Sueur, 1817 [Ref. 128], p. 172–173 (original description). senior homonym

Actinia solifera Le Sueur, 1817 [Ref. 128], p. 173 (original description).

[*non*] *Actinia annulata* Gay, 1854 [Ref. 5981], p. 452 (original description). junior primary homonym

Paractis solifera [no author]: Milne Edwards, 1857 [Ref. 508], p. 249–250.
Dysactis annulata [no author]: Milne Edwards, 1857 [Ref. 508], p. 262.
Bartholomea solifera [no author]: Duchassaing & Michelotti, 1864 [Ref. 322], p. 39.
Bartholomea Solifera [no author]: Duchassaing, 1870 [Ref. 1674], p. 21.
Aiptasia solifera Les.: Andres, 1883 [Ref. 6170], p. 386.
Aiptasia annulata Les.: Andres, 1883 [Ref. 6170], p. 392.
Aiptasia annulata solifera (Lesueur): Verrill, 1907 [Ref. 476], p. 251.
Bartholomea annulata Lesueur, 1817: Stephenson, 1920 [Ref. 449], p. 532.
Carlgreniella robusta Watzl, 1922 [Ref. 479], p. 60, 66, 67–70, 73, 75 (original description).
Aiptasia arrulata [sic] [no author]: Atoda, 1954 [Ref. 493], p. 123.
Batholomea [sic] *annulata* [no author]: Chen, Soong, & Chen, 2008 [Ref. 6149], p. 37.

***annulata*, *Calliactis* Carlgren, 1922**

Described from x1.

Type specimen: NHMG Anthoz. 927: holotype, Chile, Juan Fernandez Islands, Masatierra [Robinson Crusoe Island]

Synonymy: *Calliactis annulata* Carlgren, 1922 [Ref. 206], p. 146–148 (original description).

***annulatus*, *Ophiodiscus* Hertwig, 1882**

Type species of *Ophiodiscus* by monotypy.

Described from x4.

Type specimens: syntypes *not found*: 33°31'S, 74°43'W (*Challenger* Expedition 1873–1876 sta. 299)

Synonymy: *Ophiodiscus annulatus*: Hertwig, 1882 [Ref. 379], p. 50–54, 116, 118 (original description).

anomala, *Halccampa* unavailable

Proposed by Verrill (1922) [Ref. 477] as new species but name unavailable under International Code of Zoological Nomenclature Article 1.3.

antarctica, *Cystiactis* Clubb, 1908

Type species of *Dactylanthus* by original designation.

Valid name: ***Dactylanthus antarcticus* (Clubb, 1908)**

Described from x1.

Type specimen: BMNH 1908.10.28.12: holotype, Antarctica, McMurdo Bay, Winter Quarters (National Antarctic (*Discovery*) Expedition)

***antarctica*, *Iosactis* Rodríguez, 2012**

Described from holotype, x14 paratypes.

Type specimens: USNM 1155319: holotype, South Atlantic Ocean, off South Georgia Island (*Eltanin* Cruise 9 sta. 722); AMNH *no number*: 1 paratype, South Atlantic Ocean, off South Georgia Island (*Eltanin* Cruise 9 sta. 722); USNM 1155320: 13 paratypes, South Atlantic Ocean, off South Georgia Island (*Eltanin* Cruise 9 sta. 722)

Synonymy: *Iosactis antarctica* Rodríguez, 2012 [Ref. 6200], p. 211–217 (original description).

***antarctica*, *Isotealia* Carlgren, 1899**

Type species of *Isotealia* by monotypy.

Described from x1.

Type specimen: MZL 333: holotype, Argentina; NRS 1180: 4 pieces of holotype, Argentina

Synonymy: =? *Leioealia badia* McMurrich, 1893 [Ref. 386], p. 194–196, 206 (original description).

Isotealia antarctica Carlgren, 1899 [Ref. 148], p. 25–26 (original description).

***antarctica*, *Kadosactis* (Carlgren, 1928)**

Synonymy: *Sagartiogeton antarcticus* Carlgren, 1928 [Ref. 198], p. 231–233 [109–111] (original description).

Kadosactis antarctica Carlgr.: Carlgren, 1942 [Ref. 197], p. 9.

***antarctica*, *Parahalccampa* Carlgren, 1927**

Type species of *Parahalcampa* by original designation.

Described from x4.

Type specimens: NRS 1176: 2 syntypes, South America, Tierra del Fuego, south from Staten Island (Swedish Antarctic [South Polar] Expedition 1901–1903)

Synonymy: *Parahalcampa antarctica* Carlgren, 1921 [Ref. 196], p. 22. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 12.1.

Parahalcampa antarctica Carlgren, 1927 [Ref. 210], p. 15–18 (original description)

antarctica, *Peachia* Pfeffer, 1889

Valid name: ***Scytophorus antarcticus* (Pfeffer, 1889)**

Described from x1.

Type specimen: ZMH C1452: holotype, South Georgia

antarctica, *Porponia* Carlgren, 1914

Valid name: ***Actinernus elongatus* (Hertwig, 1882)**

Described from x17.

Type specimens: MZL *no number*: 7 microscope slides of syntypes, Antarctica, off Coats Land (Scottish Natl. Antarctic Expedition 1902–1904 [Scotia Expedition] sta. 417); MZL L04 / 3204: 2 syntypes, Antarctica, off Coats Land (Scottish Natl. Antarctic Expedition 1902–1904 [Scotia Expedition] sta. 417); NRS 5688: 1 syntype, Antarctica, off Coats Land (Scottish Natl. Antarctic Expedition 1902–1904 [Scotia Expedition] sta. 417); NRS 5544: 1 syntype, Antarctica, off Coats Land (Scottish Natl. Antarctic Expedition 1902–1904 [Scotia Expedition] sta. 417); RSM 1921.143.1518: 2 syntypes, Antarctica, off Coats Land (Scottish Natl. Antarctic Expedition 1902–1904 [Scotia Expedition] sta. 417); RSM 1921.143.1756: 7 syntypes, Antarctica, off Coats Land (Scottish Natl. Antarctic Expedition 1902–1904 [Scotia Expedition] sta. 417)

antarctica, *Rhytidactis* Pax, 1922

Type species of *Rhytidactis* by monotypy.

Valid name: ***Halianthella kerguelensis* (Studer, 1879)**

Described from unspecified number.

Type specimen: MNB 7258: 1 syntype, Kerguelen

antarctica, *Sagartia* Pax, 1922

Valid name: ***Anthosactis epizoica* (Pax, 1922)**

Described from unspecified number.

Type specimens: syntypes *not found*: Antarctica, 66°2'S, 89°38'E (Deutsche Sudpolar-Expedition 1901–03 Gauß-Station)

antarctica, *Sicyonis* Carlgren, 1939

Valid name: ***Sicyonis erythrocephala* (Pax, 1922)**

Described from x2.

Type specimens: RSM 1921.143.1778: 2 syntypes, Antarctica, off Coats Land (Scottish Natl. Antarctic Expedition 1902–1904 [Scotia Expedition] sta. 417)

antarctica, *Urticina* Verrill, 1922

Type species of *Urticinopsis* by monotypy.

Valid name: ***Urticinopsis antarctica* (Verrill, 1922)**

Described from x6.

Type specimens: syntypes *not found*: Antarctica, McMurdo Bay, Winter Quarters (National Antarctic (*Discovery*) Expedition)

antarctica, ***Urticinopsis* (Verrill, 1922)**

Synonymy: [*pro parte*] *Rhodactinia crassicornis* [no author]: Clubb, 1908 [Ref. 35], p. 9–11.

Urticina antarctica Verrill, 1922 [Ref. 477], p. 109 (original description).

Rhodactinia clubbi Pax: Pax, 1923 [Ref. 414], p. 25.

Urticinopsis antarctica (Verr.): Carlgren, 1927 [Ref. 210], p. 42–43.

antarcticus, Dactylanthus (Clubb, 1908)

Synonymy: *Cystiactis antarctica* Clubb, 1908 [Ref. 35], p. 5–6 (original description).

Dactylanthus antarcticus (Clubb): Carlgren, 1911 [Ref. 156], p. 2–7.

Dactylanthus antarctica (Clubb 1908): England & Robson, 1984 [Ref. 61], p. 315.

antarcticus, Sagartiogeton Carlgren, 1928

Valid name: ***Kadosactis antarctica* (Carlgren, 1928)**

Described from x1.

Type specimen: MNB 8441: holotype, 63°16.5'S, 57°51.0'E (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 152); MZL *no number*: 7 microscope slides of holotype, 63°16.5'S, 57°51.0'E (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 152)

antarcticus, Scytophorus (Pfeffer, 1889)

Synonymy: *Peachia antarctica* Pfeffer, 1889 [Ref. 188], p. 51–52 [15–16] (original description).

Scytophorus antarcticus (Pfeff.) Carlgren: Carlgren, 1899 [Ref. 148], p. 7–9.

Scytophorus antarcticus [*sic*] [no author]: Carlgren, 1921 [Ref. 196], p. 118.

antarcticus, Stephanthus Rodríguez & López-González, 2003

Type species of *Stephanthus* by original designation.

Described from holotype, x2 paratypes.

Type specimens: ZMH C11680: holotype, Antarctica, Antarctic Peninsula (*Polarstern* ANT XV/3 sta. 48/336); KU 001610: 1 paratype, Antarctica, Antarctic Peninsula (*Polarstern* ANT XV/3 sta. 48/336); ZMH C11681: 1 paratype, Antarctica, Antarctic Peninsula (*Polarstern* ANT XV/3 sta. 48/336)

Synonymy: *Stephanthus antarcticus* Rodríguez & López-González, 2003 [Ref. 1800], p. 55–59, 54, 60, 61 (original description).

antillensis, Anemonia Pax, 1924

Described from x15.

Type specimens: ZMA 2211: 15 syntypes, Caribbean Sea, Netherlands Antilles, Curaçao, Westpunt

Synonymy: *Anemonia antillensis* Pax, 1924 [Ref. 416], p. 94, 99–100, 119 (original description).

Anemonia antillensis [*sic*] Pax 1924: Carlgren, 1949 [Ref. 31], p. 50.

antillensis, Bunodeopsis Duerden, 1897

Described from unspecified number >1.

Type specimens: BMNH 1901.3.8.22–25: 6 syntypes, Caribbean Sea, Jamaica, Kingston Harbour; NRS 345: 2 syntypes, Caribbean Sea, Jamaica, Kingston Harbour; NRS 55: 2 syntypes, Caribbean Sea, Jamaica, Kingston Harbour; MZC I.1539: 1 syntype, Caribbean Sea, Jamaica, Kingston Harbour

Synonymy: [*non*] *Urticina globulifera* Duchassaing, 1850 [Ref. 70], p. 9 (original description).

Bunodeopsis antillensis Duerden, 1897 [Ref. 54], p. 7–11, 14 (original description).

[*pro parte*] *Bunodeopsis* n. sp.: Duerden, 1898 [Ref. 55], p. 456.

Bunodeopsis Antillensis Duerd., 1897: Haddon, 1898 [Ref. 363], p. 435.

[*pro parte*] *Viatrix globulifera* D. and M.: Verrill, 1899 [Ref. 471], p. 146.

Bunodeopsis globulifera Verrill, 1900 [Ref. 474], p. 559 (original description).

appendiculata, Kalliphobe Busch, 1851

Type species of *Kalliphobe* by monotypy.

Described from unspecified number.

Type specimens: syntypes *not found*: Mediterranean Sea, Adriatic Sea, Trieste [Tergestum]

Synonymy: *Kalliphobe appendiculata* Busch, 1851 [Ref. 5876], p. 130–132 (original description).

Calliphobe appendiculata Busch: Andres, 1883 [Ref. 6170], p. 568.

arabica, *Crambactis* Haeckel, 1876

Type species of *Crambactis* by monotypy.

Valid name: ***Entacmaea quadricolor* (Leuckart in Rüppell & Leuckart, 1828)**

Described from unspecified number.

Type specimens: NRS 5574: 2 pieces of syntype, Egypt, Red Sea [Mer Rouge], Tor [Tur, El-Tur, El Tûr]; PMJ 75: 1 syntype, Egypt, Red Sea [Mer Rouge], Tor [Tur, El-Tur, El Tûr]

arborea, *Actinia* Quoy & Gaimard, 1833

Type species of *Actinodendron* by subsequent designation (Carlgren, 1949).

Valid name: ***Actinodendron arboreum* (Quoy & Gaimard, 1833)**

Described from unspecified number.

Type specimens: syntypes *not found*: New Guinea, Manokwari [Port Dorey]

***arboreum*, *Actinodendron* (Quoy & Gaimard, 1833)**

Synonymy: *Actinodendron arborea* Quoy et Gaim.: de Blainville, 1830 [Ref. 94], p. 287. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 12.1.

Actinia arborea Quoy & Gaimard, 1833 [Ref. 194], p. 153–154 (original description).

Actinodendron arboreum [no author]: de Blainville, 1834 [Ref. 64], p. 320.

Actinodendron alcyonoideum Quoy and Gaimard: Saville-Kent, 1893 [Ref. 440], p. 34, 146.

Actinodendron alcyonidium Quoy and Gaimard: Saville-Kent, 1897 [Ref. 439], p. 223–224.

Acremodactyla ambonensis Kwietniewski, 1897 [Ref. 400], p. 19–23 (original description).

Actinodendron plumosum Haddon, 1898 [Ref. 363], p. 399, 490–491 (original description).

Acremodactyla Ambonensis Kwietn.: Haddon, 1898 [Ref. 363], p. 494.

Actinodendron ambonensis Kwietn.: Stephenson, 1922 [Ref. 451], p. 294.

Actinodendron ambonense Kwietn.: Carlgren, 1945 [Ref. 282], p. 15.

Actinodendrum arboreum (Quoy & Gaimard, 1833): Acuña, Excoffon, & Ricci, 2007 [Ref. 5790], p. 416.

arctica, *Bicidiopsis* Verrill, 1922

Valid name: ***Peachia parasitica* (Agassiz, 1861)**

Described from x2.

Type specimens: CMN CMNI 1900-2904: 2 syntypes, Canada, Hudson Bay, east side of Richmond Gulf

***arctica*, *Edwardsia* Carlgren, 1921**

Described from x11 *ex* five localities and unspecified number from 1 locality.

Type specimens: MZL *no number*: 4 microscope slides of syntype, Greenland, East Greenland, Scoresby Sound, Fame [Famae] Islands (Swedish Greenland Expedition 1899 sta. 32); NRS 5698: 1 syntype, Greenland, East Greenland, Scoresby Sound, Fame [Famae] Islands (Swedish Greenland Expedition 1899 sta. 32); NRS 5701: 1 syntype, Russia, Arctic Ocean, Kara Sea (Nordenskiöld Expedition 1876 sta. 38); NRS 5706: 1 syntype, Greenland, East Greenland, Mackenzie Bay, N of Franz Joseph's fjord (Swedish Polar Expedition 1900 sta. 17); NRS 4879: 1 syntype, Greenland, East Greenland, Scoresby Sound, Fame [Famae] Islands (Swedish Greenland Expedition 1899 sta. 32); NRS 5699: 2 syntypes, Greenland, East Greenland, Scoresby Sound, Fame [Famae] Islands (Swedish Greenland Expedition 1899 sta. 32); NRS 4878: 1 syntype, Greenland, East Greenland, south of the Little Pendulum Island (Swedish Greenland Expedition 1899 sta. 20); NRS 5700: 1 syntype, Russia, Novaya Zemlya, Matotschkin Sharr (Nova Zembla Expedition 1875 sta. 80); 1 syntype *not found*: Greenland, Jan Mayen (Swedish Greenland Expedition 1899 sta. 17)

Synonymy: *Edwardsia arctica* Carlgren, 1921 [Ref. 196], p. 39–42 (original description).

Edwardsioides arctica Carlgren, 1931: England, 1987 [Ref. 63], p. 218.

Edwardsia [sic] arctica Carlgren, 1921: Grebel'nyi, 2001 [Ref. 6026], p. 37.

***arctica, Epiactis* (Verrill, 1868)**

Synonymy: *Phellia arctica* Verrill, 1868 [Ref. 460], p. 328–329 [14–15] (original description). senior homonym
[non] *Phellia arctica* Danielssen, 1890 [Ref. 321], p. 57–60 (original description). junior primary
homonym

Pseudophellia arctica Ver.: Verrill, 1899 [Ref. 473], p. 376–377.

Epiactis arctica (Verr.): Carlgren, 1921 [Ref. 196], p. 177–180.

***arctica, Halcampa* Carlgren, 1893**

Described from x20 *ex* four localities, several depths at one.

Type specimens: NRS 5564: 1 syntype, Svalbard, Spitsbergen, Bellsund; NRS 5566: 1 syntype, Svalbard, Spitsbergen, Isfjord, Safehamn; NRS *no number*: 2 syntypes, Svalbard, Spitsbergen, Treurenberg Bay (Swedish Spitzbergen Expedition 1861); NRS 5556: 1 syntype, Svalbard, Spitsbergen, Wida Bay (Swedish Spitzbergen Expedition 1861); 1 syntype *not found*: Svalbard, Spitsbergen, Treurenberg Bay (Swedish Spitzbergen Expedition 1861); 5 syntypes *not found*: Svalbard, Spitsbergen, Treurenberg Bay (Swedish Spitzbergen Expedition 1861)

Synonymy: *Halcampa arctica* Carlgren, 1893 [Ref. 145], p. 45–48, 148 (original description).

Halianthus arctica Carlgr.: Kwietniewski, 1896 [Ref. 398], p. 585.

***arctica, Haliactis* Carlgren, 1921**

Type species of *Haliactis* by monotypy.

Described *ex* five localities, three with x1 each, one with x3, and one with unspecified number.

Type specimens: NRS 4883: ½ syntype, Greenland; NRS 4886: 1 syntype, Svalbard, Spitsbergen, King Charlesland (Swedish Spitzbergen Expedition 1898 sta. 34); NRS 5579: 1 syntype, Siberia, Arctic Ocean, 2 miles north of the winter station of the *Vega* (*Vega* Expedition); UCMNH *no number*: 1 syntype, Greenland; UCMNH *no number*: 1 syntype, Greenland, West Greenland, Nordre Stromfiord (Nordmann sta. 2); syntypes *not found*: Norway, Barents Sea, Bear Island [Beeren]

Synonymy: *Haliactis arctica* Carlgren, 1921 [Ref. 196], p. 128–131 (original description).

Acthelmis schaudinnii Carlgren, 1921 [Ref. 196], p. 95–97 (original description).

***arctica, Phellia* Verrill, 1868**

Senior homonym to junior primary homonym of Danielssen (1890). Resolved: although senior, replaced by an available synonym (International Code of Zoological Nomenclature Article 23.3.5) (so junior homonym considered valid).

Type species of *Pseudophellia* by original designation.

Valid name: ***Epiactis arctica* (Verrill, 1868)**

Described from unspecified number.

Type specimens: YPM 9703: 1 syntype, Arctic Ocean, north of the Behring's Straits

***arctica, Phellia* Danielssen, 1890**

Junior primary homonym to senior homonym of Verrill, 1868. Resolved by replacing senior homonym (so junior homonym considered valid).

Described from x1.

Type specimen: holotype *not found*: Barents Sea, between Spitsbergen and Finmark (Norwegian North Atlantic Expedition 1876–1878 sta. 290)

Synonymy: [non] *Phellia arctica* Verrill, 1868 [Ref. 460], p. 328–329 [14–15] (original description). senior homonym

Phellia arctica Danielssen, 1890 [Ref. 321], p. 57–60 (original description). junior primary homonym

Comment: Carlgren (1932) stated "n. sp." but cited Danielssen as source of name.

***arenacea, Halcampa* Haddon, 1886**

Valid name: ***Halcampa chrysanthellum* (Peach in Johnston, 1847)**

Described from unspecified number.

Type specimens: syntypes *not found*: Ireland, County Kerry, mouth of Kenmare River, about 7.5 mi NW of Dursey Head, 2 mi SW of Skariff (Marine Fauna of the South-west of Ireland [Lord Bandon] sta. 3, Log no. 11)

Comment: Haddon (1889) called the species *arenarea*, stating of the original description ‘The specific name was erroneously printed "*arenacea*"’: he did not refer to 1886 and 1887 publications using the name "*arenacea*."

arenaria, *Cactosoma* Carlgren, 1931

Valid name: ***Cactosoma arenarium* Carlgren, 1931** for gender agreement

Described from x1.

Type specimen: NRS 1163: holotype, USA, California, San Pedro; MZL *no number*: 1 microscope slide of holotype, USA, California, San Pedro

***arenaria*, *Paraedwardsia* Carlgren, 1921**

Type species of *Paraedwardsia* by original designation.

Described from x7.

Type specimens: NRS 5702: 1 syntype, Norway, Skjerstad Fjord [Skjerstadfjord]; NVT 569: 1 syntype, Norway, Skjerstad Fjord [Skjerstadfjord]; MZB 13901: 2 syntypes, Norway, Bergen, Herlöfiord

Synonymy: *Paraedwardsia arenarea* Carlgren *in* Nordgaard, 1905 [Ref. 624], p. 158–159. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 12.1.

Paraedwardsia arenaria Carlgren.: Carlgren, 1921 [Ref. 196], p. 69–71. (original description).

***arenarium*, *Cactosoma* Carlgren, 1931**

Synonymy: *Cactosoma arenaria* Carlgren, 1931 [Ref. 287], p. 39–40 (original description).

Cactosoma [*sic*] *arenaria* Carlgren, 1931: Kostina, 1988 [Ref. 506], p. 17.

Cactosoma arenarium Carlgren, 1931: correct spelling original herein.

***arenosa*, *Edwardsia* Klunzinger, 1877**

Possibly a juvenile cerianthid according to Andres (1883), Williams (1981).

Described from x1.

Type specimens: NRS 4869: 2 pieces of holotype, Red Sea [Mer Rouge]; MZL *no number*: 5 microscope slides of holotype, Red Sea [Mer Rouge]

Synonymy: *Edwardsia arenosa* Klunzinger, 1877 [Ref. 121], p. 81 (original description). *nomen dubium* according to Williams, 1981 [Ref. 491], p. 348.

Uncertain genus *arenosa* Klunz.: Andres, 1883 [Ref. 6170], p. 580–581.

***argentacolorata*, *Calliactis* Pei, 1996**

Synonymy: *Calliactis argentacoloratus* Pei, 1996 [Ref. 1265], p. 182–185, 187 (original description).

Calliactis argentacolorata Pei, 1996: correct spelling original herein.

argentacoloratus, *Calliactis* Pei, 1996

Valid name: ***Calliactis argentacolorata* Pei, 1996** for gender agreement

Described from holotype, x2(?) paratypes.

Type specimens: IOC X-A019: holotype, China, Xisha Islands, Guangjing Island; IOC X-A020: 1? paratype, China, Xisha Islands, Gold and Silver [Jingying] Island; IOC X-A029: 1? paratype, China, Xisha Islands, Gold and Silver [Jingying] Island

***argentina*, *Harenactis* Lauretta, Rodríguez, & Penchaszadeh, 2011**

Described from holotype, x1 paratype.

Type specimens: MACN IN 39376: holotype, Argentina, Chubut Province, Punta Pardelas; MLP 8791: 1 paratype, Argentina, Chubut Province, Punta Pardelas

Synonymy: *Harenactis argentina* Lauretta, Rodríguez, & Penchaszadeh, 2011 [Ref. 6184], p. 9–17 (original description).

***armata*, *Aiptasia* (Verrill, 1868) new combination**

Synonymy: *Paranthea armata* Verrill, 1868 [Ref. 460], p. 323 [9] (original description).

Aiptasia armata (Verrill, 1868): new combination herein.

***armata, Dofleinia* Wassilieff, 1908**

Type species of *Dofleinia* by monotypy.

Described from x1.

Type specimen: ZSM 163: holotype, Japan, Honshu, Sagami Bay, near Misaki

Synonymy: *Dofleinia armata* Wassilieff, 1908 [Ref. 478], p. 14 (original description).

Doflenia [sic] armata Wassilieff, 1908: Ardelean, 2003 [Ref. 5057], p. 137.

Dofelinia [sic] armata [no author]: Ardelean, 2003 [Ref. 5057], p. 139.

Dofleina [sic] armata [no author]: Honma, Kawahata, Ishida, Nagai, Nagashima, & Shiomi, 2008 [Ref. 5956], p. 542.

armata, Edwardsia Carlgren, 1931

Valid name: ***Scolanthus armatus* (Carlgren, 1931)**

Described from x2.

Type specimens: NHMG Anthoz. 129: 1 syntype, Fiji, Viti Levu, Bau (Dr. Bock's Expedition); NRS 95: 1 syntype, Fiji, Viti Levu, Bau (Dr. Bock's Expedition); MZL *no number*: 9 microscope slides of syntype, Fiji, Viti Levu, Bau (Dr. Bock's Expedition)

***armata, Hormathia* Rodríguez & López-González, 2001**

Described from holotype, x10 paratypes.

Type specimens: ZMH C11656: holotype, Antarctica, eastern Weddell Sea (*Polarstern* ANT XV/3 sta. 48/071); LBMS ANT-201: 1 paratype, Antarctica, eastern Weddell Sea (*Polarstern* ANT XVII/3 sta. 119.1); NNM Coel. 24700: 1 paratype, Antarctica, eastern Weddell Sea (*Polarstern* ANT XVII/3 sta. 119.1); NRS 5263: 2 paratypes, Antarctica, eastern Weddell Sea (*Polarstern* ANT XVII/3 sta. 119.1); BMNH 2000.2907: 1 paratype, Antarctica, eastern Weddell Sea (*Polarstern* ANT XVII/3 sta. 119.1); ZMH C11657: 3 paratypes, Antarctica, eastern Weddell Sea (*Polarstern* ANT XV/3 sta. 48/189); ZMH C11658: 2 paratypes, Antarctica, eastern Weddell Sea (*Polarstern* ANT XV/3 sta. 48/222)

Synonymy: *Hormathia armata* Rodríguez & López-González, 2001 [Ref. 1418], p. 116–123 (original description).

armata, Paranthea Verrill, 1868

Valid name: ***Aiptasia armata* (Verrill, 1868)** new combination

Described from unspecified number.

Type specimens: syntypes *not found*: China, Hong Kong, Ly-ce-moon Passage

armata, Phellia Andres, 1881

Valid name: ***Telmatactis forskalii* (Hemprich & Ehrenberg in Ehrenberg, 1834)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: Italy, Naples, S. Luciae

***armatus, Amphianthus* Carlgren, 1928**

Described from x11 from two stations.

Type specimens: MNB 7231: 2 syntypes, India, Andaman Sea, Andaman and Nicobar Islands, Great Nicobar Island, SW of Great Nicobar Island (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 209); MNB 7193: 7 syntypes, Indonesia, Nias Island, south east of Nias Island (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 196); NRS 4024: 1 syntype, Indonesia, Nias Island, south east of Nias Island (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 196)

Synonymy: *Amphianthus armatus* Carlgren, 1928 [Ref. 198], p. 225–227 [103–105] (original description).

***armatus, Scolanthus* (Carlgren, 1931)**

Synonymy: *Edwardsia armata* Carlgren, 1931 [Ref. 287], p. 2–4 (original description).

Scolanthus armatus (Carlgren, 1931): England, 1987 [Ref. 63], p. 206, 207, 229–232.

***armillatas*, *Calliactis* Verrill, 1928**

Described from unspecified number.

Type specimens: BPBM D295: 1 syntype, USA, Hawaiian Islands, Laysan Island, Tanger; BPBM D114: 9 syntypes, USA, Hawaiian Islands, Laysan Island, Tanger; BPBM D299: 98 microscope slides of syntype, USA, Hawaiian Islands, Laysan Island, Tanger; syntypes *not found*: USA, Hawaiian Islands, Oahu; syntypes *not found*: USA, Hawaiian Islands, Oahu, Honolulu Public Aquarium

Synonymy: *Calliactis armillatas* Verrill, 1928 [Ref. 263], p. 20–21 (original description).

Calliactis armillatus [sic] Verrill 1928: Carlgren, 1949 [Ref. 31], p. 98.

Comment: Syntypes in BPBM, which are voucher specimens for England (1971: 28), are cited in original description, which is annotated “The specimens photographed and the living specimens from which Mr. Verrill made studies were not preserved. C. H. E.” [Charles Howard Edmondson (1876–1970) edited Verrill's notes to produce Verrill (1928), which was published two years after Verrill's death].

***artemisia*, *Actinia* Pickering in Dana, 1846**

Type species of *Evactis* by original designation.

Valid names used: ***Anthopleura artemisia* (Pickering in Dana, 1846); *Anthopleura xanthogrammica* (Brandt, 1835)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: USA, Washington, Puget Sound, Discovery Bay

***artemisia*, *Anthopleura* (Pickering in Dana, 1846)**

Synonymy: *Actinia artemisia* Pickering in Dana, 1846 [Ref. 318], p. 149–150 (original description).

Bunodes Artemisia [no author]: Gosse, 1855 [Ref. 95], p. 274.

Cereus artemisia [no author]: Milne Edwards, 1857 [Ref. 508], p. 268.

Evactis artemisia Verrill: Verrill, 1869 [Ref. 458], p. 471.

Cribrina artemisia (Pickering): McMurrich, 1901 [Ref. 389], p. 15, 23–26, 38.

Anthopleura artemisia (Dana): Carlgren, 1952 [Ref. 306], p. 384–385.

***asiatica*, *Anthopleura* Uchida & Muramatsu, 1958**

Described from unspecified number.

Type specimens: syntypes *not found*: Japan, Pacific and Japan Sea coasts, from middle Honshu to Kyushu; syntypes *not found*: Japan, Inland Sea, Okayama City

Synonymy: *Anthopleura asiatica* Uchida & Muramatsu, 1958 [Ref. 261], p. 117–119 (original description).

Anthopleura asiatica s (Uchida): Pei, 1998 [Ref. 765], p. 93.

***asiatica*, *Tealia* Averincev, 1967**

Valid name: ***Urticina asiatica* (Averincev, 1967)**

Described from x2.

Type specimens: RAS 9534: 1 syntype, Russia, Sea of Japan, Kurile Islands, southern Kurile Islands; RAS 9535: 1 syntype, Russia, Sea of Japan, Kurile Islands, southern Kurile Islands; RAS 9536: 1 syntype?, Russia, Sea of Japan, Kurile Islands, southern Kurile Islands

***asiatica*, *Urticina* (Averincev, 1967)**

Synonymy: *Urticina asiatica* Averincev, 1967 [Ref. 646], p. 56–58 (original description).

Urticina asiatica Averincev, 1967: Zamponi & Acuña, 1996 [Ref. 762], p. 5, 7, 9.

***aspera*, *Condylactis* Haddon & Shackleton, 1893**

Type species of *Macroductyla* by monotypy.

Valid name: ***Condylactis aspera* Haddon & Shackleton, 1893**

Described from unspecified number.

Type specimens: MZC *no number*: 1 syntype, Australia, Queensland, Torres Strait, Murray Islands, Mer [Maer] Island; MZL *no number*: 3 microscope slides of syntype, Australia, Queensland, Torres Strait, Murray Islands, Mer [Maer] Island

Synonymy: *Condylactis aspera* Haddon & Shackleton, 1893 [Ref. 364], p. 117, 124–125 (original description).

Macroactyla aspera (H. & S.): Haddon, 1898 [Ref. 363], p. 398, 415, 431–432.

***asperum*, *Cactosoma* (Stephenson, 1918)**

Synonymy: *Halcampoides aspera* Stephenson, 1918 [Ref. 448], p. 10–13 (original description).

Halcampa aspera Steph.: Stephenson, 1922 [Ref. 451], p. 252.

?*Cactosoma aspera* (Stephenson 1918): Carlgren, 1949 [Ref. 31], p. 34.

Cactosoma asperum (Stephenson, 1918): correct spelling original herein.

aspera, *Halcampoides* Stephenson, 1918

Valid name: ***Cactosoma asperum* (Stephenson, 1918)**

Described from x1.

Type specimen: BMNH 1918.5.12.1: holotype, Antarctica, McMurdo Sound, 5 miles N of Inaccessible Island (*Terra Nova* Expedition 1910 sta. 314); BMNH 1918.8.16.1: 9 microscope slides of holotype, Antarctica, McMurdo Sound, 5 miles N of Inaccessible Island (*Terra Nova* Expedition 1910 sta. 314)

***aster*, *Actinia* Ellis, 1767**

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, West Indies

Synonymy: *Actinia aster* Ellis, 1767 [Ref. 767], p. 436 (original description).

Actinia Aster Ellis: Ellis & Solander, 1786 [Ref. 71], p. 6.

Hydra Aster [no author]: Gmelin, 1796 [Ref. 91], p. 3868.

Discosoma aster [no author]: Duchassaing, 1850 [Ref. 70], p. 9.

Uncertain genus *aster* Ell.: Andres, 1883 [Ref. 6170], p. 581.

***aster*, *Thalassianthus* Rüppell & Leuckart, 1828**

Type species of *Thalassianthus* by monotypy.

Described from unspecified number >1.

Type specimens: NRS 5632: 1 syntype, Egypt, Red Sea [Mer Rouge], Tor [Tur, El-Tur, El Tûr]; SMF 35: 5½ syntypes, Egypt, Red Sea [Mer Rouge], Tor [Tur, El-Tur, El Tûr]

Synonymy: *Thalassianthus Aster* Rüppell & Leuckart, 1828 [Ref. 220], p. 5–6 (original description). type

Thalassianthus [sic] aster Leuckart: de Blainville, 1830 [Ref. 94], p. 288.

Epicladia quadrangula Hemprich & Ehrenberg *in* Ehrenberg, 1834 [Ref. 58], p. 266 (original description).

Thalassianthes [sic] aster Ruppel: Milne Edwards, 1847 [Ref. 1657], p. 62.

Thalassianthus aster Leuckhart: Milne Edwards & Haime, 1851 [Ref. 162], p. 10.

***athalyei*, *Edwardsia* England, 1990**

Described from x3.

Type specimens: BMNH 1989.3.14.9: holotype, India, Maharashtra, Thane Creek; BNHS *no number*: 2 paratypes, India, Maharashtra, Thane Creek

Synonymy: *Edwardsia athalyei* England, 1990 [Ref. 72], p. 141–148 (original description).

***atlantica*, *Actinia* Schmidt, 1971**

Described from unspecified number.

Type specimens: SMF 1962: 3 syntypes, France, Basses-Pyrénées, Biarritz [*not found* in 2002]; SMF 1963: 1 syntype, France, Basses-Pyrénées, Biarritz

Synonymy: *Actinia equina atlantica* Schmidt, 1971 [Ref. 226], p. 162–167 (original description).

Actinia sali Monteiro, Sole-Cava, & Thorpe, 1997 [Ref. 5799], p. 425, 432 (original description).

Comment: Being of the opinion that the subspecies described by Schmidt (1971) is a full species, Monteiro *et al.* (1997) gave it a new name rather than using the subspecific name of Schmidt, thereby creating a synonym.

***atodai*, *Anthopleura* Yanagi & Daly, 2004**

Described from holotype, x16 paratypes. KU number 001809 given to both paratype and voucher specimens; NSMT numbers 1375–1378 given to three specimens.

Type specimens: NHMI ZG 64: holotype, Japan, Honshu, Iwate Pref., Otsuchi, Kenashi-jima; NSMT Co 1372: 1 paratype, Japan, Honshu, Chiba Prefecture, Tateyama, Banda; NSMT Co 1373: 1 paratype, Japan, Honshu, Iwate Prefecture, Otsuchi, Kenashi-jima; NSMT Co 1374: 1 paratype, Japan, Honshu, Iwate Prefecture, Otsuchi, Kenashi-jima; NHMI ZG 44: 1 paratype, Japan, Honshu, Chiba Prefecture, Tateyama, Banda; NHMI ZG 3695: 1 paratype, Japan, Honshu, Chiba Prefecture, Tateyama, Banda; NHMI ZG 3696: 1 paratype, Japan, Honshu, Chiba Prefecture, Tateyama, Banda; NHMI ZG 3693: 1 paratype, Japan, Honshu, Iwate Pref., Otsuchi, Kenashi-jima; NHMI ZG 200: 1 paratype, Japan, Honshu, Chiba Prefecture, Tateyama, Banda; NHMI ZG 115: 1 paratype, Japan, Honshu, Chiba Prefecture, Tateyama, Banda; NHMI ZG 3692: 1 paratype, Japan, Honshu, Iwate Pref., Otsuchi, Kenashi-jima; NHMI ZG 65: 1 paratype, Japan, Honshu, Iwate Pref., Otsuchi, Kenashi-jima; NHMI ZG 209: 1 paratype, Japan, Honshu, Aomori Prefecture, Hadaka-jima, Asamushi; NHMI ZG 210: 1 paratype, Japan, Honshu, Aomori Prefecture, Hadaka-jima, Asamushi; NHMI ZG 3697: 1 paratype, Japan, Honshu, Aomori Prefecture, Hadaka-jima, Asamushi; KU 001808: 1 paratype, Japan, Honshu, Kenashi-jima, Otsuchi, Iwate Pref.; KU 001809: 1 paratype, Japan, Honshu, Aomori Prefecture, Hadaka-jima, Asamushi

Synonymy: *Anthopleura atodai* Yanagi & Daly, 2004 [Ref. 4952], p. 408–416, 418–420 (original description).

***atrimaculata*, *Actinia* Grube, 1840**

Described from x1.

Type specimen: holotype *not found*: Italy, Sicily, Palermo

Synonymy: *Actinia atrimaculata* Grube, 1840 [Ref. 103], p. 4 (original description).

Actinia atrimaculata [no author]: Andres, 1883 [Ref. 6170], p. 595. *species delendae*

atrostoma, *Actinostola* Stephenson, 1918

Valid name: ***Actinostola callosa* (Verrill, 1882)**

Described from x6, one lacking data.

Type specimens: syntypes *not found*: Atlantic Ocean, SW of Ireland (Irish Fisheries sta. S.R. 487); syntypes *not found*: Atlantic Ocean, SW of Ireland (Irish Fisheries sta. S.R. 489); 1 syntype *not found*: Ireland, 56 miles W 1/4 S of Great Skellig (Irish Fisheries sta. S.R. 1242)

***attenuata*, *Harenactis* Torrey, 1902**

Type species of *Harenactis* by monotypy.

Described from unspecified number.

Type specimens: syntypes *not found*: USA, California, San Pedro

Synonymy: *Harenactis attenuata* Torrey, 1902 [Ref. 253], p. 384–387 (original description).

***aucklandica*, *Aulactinia* (Carlgren, 1927) new combination**

Synonymy: [non] *Bunodes hermaphroditicus* Carlgren, 1899 [Ref. 148], p. 23–24 (original description).

Cribrina hermaphroditica [no author]: Clubb, 1908 [Ref. 35], p. 8–9.

Bunodactis aucklandica Carlgren, 1927 [Ref. 210], p. 28–29 (original description).

Aulactinia aucklandica (Carlgren, 1927): new combination herein.

Comment: Carlgren (1927) remarked if *Anthopleura* is separate from *Bunodactis*, this species could be called *Bunodactis hermaphroditica* (Clubb).

aucklandica, *Bunodactis* Carlgren, 1927

Valid name: ***Aulactinia aucklandica* (Carlgren, 1927) new combination**

Described from unspecified number.

Type specimen: NRS 4051: 1 syntype, New Zealand, Auckland Islands, Enderby Island (National Antarctic (*Discovery*) Expedition sta. 10)

***aucklandica*, *Phellia* (Carlgren, 1924)**

Synonymy: =? *Hormathia exlex* McMurrich, 1904 [Ref. 391], p. 279–282 (original description).

Synphellia aucklandica Carlgren, 1924 [Ref. 208], p. 230–234 (original description).

=? *Synphellia dubia* Carlgren, 1928 [Ref. 198], p. 240–243 [118–121] (original description).
Phellia aucklandica (Carlgr.): Carlgren, 1938 [Ref. 283], p. 84–85.

aucklandica, *Synphellia* Carlgren, 1924

Type species of *Synphellia* by monotypy.

Valid name: ***Phellia aucklandica* (Carlgren, 1924)**

Described from x4.

Type specimens: NRS 5638: 1 syntype, New Zealand, Auckland Islands, Masked Island, Carnley Harbour; UCMNH *no number*: 1½ syntypes, New Zealand, Auckland Islands, Masked Island, Carnley Harbour

***aucklandicus*, *Condylanthus* Carlgren, 1924**

Described from x1.

Type specimen: UCMNH *no number*: holotype, New Zealand, Auckland Islands, Masked Island, Carnley Harbour

Synonymy: *Condylanthus aucklandicus* Carlgren, 1924 [Ref. 208], p. 192–195 (original description).

Condylanthus auclandicus [*sic*] Carlgren, 1924: Sanamyan, 2001 [Ref. 1323], p. 6.

augusta, *Aureliania* Gosse, 1860

Valid name: ***Capnea sanguinea* Forbes, 1841**

Described from unspecified number.

Type specimens: syntypes *not found*: UK, England, Devon, North Devon

aurantiaca, *Actinia* Delle Chiaje, 1822

Senior homonym to junior primary homonym of Jordan (1855). Resolved by replacing Jordan name with an available synonym (International Code of Zoological Nomenclature Article 23.3.5) (Delle Chiaje species also moved to another genus).

Type species of *Cereactis* by monotypy.

Valid name: ***Condylactis aurantiaca* (Delle Chiaje, 1825)**

Described from unspecified number.

Type specimens: syntypes *not found*: Italy, Gulf of Naples

aurantiaca, *Actinia* Jordan, 1855

Junior primary homonym to senior homonym of Delle Chiaje (1822). Replaced by an available synonym (International Code of Zoological Nomenclature Article 23.3.5) (Delle Chiaje species also moved to another genus).

Valid name: ***Metridium dianthus* (Ellis, 1767)**

Described from "numerous examples."

Type specimens: 3-4 syntypes *not found*: UK, England, Devon, near Teignmouth

Comment: Usage of Jordan (not of Delle Chiaje) listed as "Species delendae" by Andres (1883).

***aurantiaca*, *Condylactis* (Delle Chiaje, 1822)**

Synonymy: *Actinia aurantiaca* Delle Chiaje, 1822 [Ref. 1511], Pl. XXIX, CIII (original description). senior homonym
[*non*] *Actinia aurantiaca* Jordan, 1855 [Ref. 6060], p. 85–86 (original description). junior primary
homonym

Cereus aurentiacus [*sic*] [no author]: Milne Edwards, 1857 [Ref. 508], p. 270.

Cereactis aurantiaca [no author]: Andres, 1881 [Ref. 4], p. 306, 307, 319, 339.

Condylactis aurantiaca (D. Ch.): McMurrich, 1889 [Ref. 387], p. 21.

Condylactis auratiaca [*sic*] [no author]: Ilyna [Il'ina], Monasteryrnaya, Sokotun, Egorov, Nazarenko, Likhatskaya, & Kozlovskaya, 2005 [Ref. 5032], p. 34.

aurelia, *Actinermus* Stephenson, 1918

Type species of *Actinoscyphiopsis* by monotypy.

Valid name: ***Actinoscyphia aurelia* (Stephenson, 1918)**

Described from unspecified number *ex* three localities

Type specimens: syntypes *not found*: Atlantic Ocean, SW of Ireland (Irish Fisheries sta. S.R. 499); syntypes *not found*: Atlantic Ocean, SW of Ireland (Irish Fisheries sta. S.R. 497); 10 syntypes *not found*: 51°12'30"N–51°17'30"N, 12°6'W–12°18'W (Irish Fisheries sta. S.R. 335)

***aurelia*, *Actinoscyphia* (Stephenson, 1918)**

Synonymy: *Actinernus aurelia* Stephenson, 1918 [Ref. 442], p. 131–134 (original description).

Actinoscyphia aurelia Stephenson, 1918: Stephenson, 1920 [Ref. 449], p. 541.

Actinoscyphiopsis aurelia [no author]: Carlgren, 1928 [Ref. 198], p. 175–176 [53–54].

***aureoradiata*, *Anthopleura* (Stuckey, 1909)**

Synonymy: *Bunodes aureoradiata* Stuckey, 1909 [Ref. 242], p. 368–369 (original description).

Anthopleura aureo-radiata (Stuck.): Carlgren, 1924 [Ref. 208], p. 208–211.

Anthopleura aureoradiata Stuckey, 1909: Parry, 1951 [Ref. 181], p. 88, 104–105, 106, 110.

Anthopleura areoradiata [sic] [no author]: Parry, 1951 [Ref. 181], p. 91.

aureoradiata, *Bunodes* Stuckey, 1909

Valid name: ***Anthopleura aureoradiata* (Stuckey, 1909)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: New Zealand, North Island, Wellington, Oriental Bay

aurora, *Actinia* Quoy & Gaimard, 1833

Senior homonym to junior primary homonym of Gosse (1854). Resolved by replacing Gosse name with an available synonym (International Code of Zoological Nomenclature Article 23.3.5) (Quoy & Gaimard species also moved to another genus).

Type species of *Heteractis* by monotypy.

Valid name: ***Heteractis aurora* (Quoy & Gaimard, 1833)**

Described from unspecified number.

Type specimens: syntypes *not found*: New Guinea, Manokwari [Port Dorey]; syntypes *not found*: Papua New Guinea, New Ireland [Neu-Hannover], Carteret Harbor

aurora, *Actinia* Gosse, 1854

Junior primary homonym to senior homonym of Quoy & Gaimard (1833). Replaced by an available synonym (International Code of Zoological Nomenclature Article 23.3.5) (Quoy & Gaimard species also moved to another genus).

Valid names used: *Sagartia elegans* (Dalyell, 1848); *Sagartia troglodytes* (Price in Johnston, 1847)

Described from unspecified number >1.

Type specimens: syntypes *not found*: UK, Wales, Pembrokeshire, Tenby, St. Catherine's Island

***aurora*, *Heteractis* (Quoy & Gaimard, 1833)**

Synonymy: *Actinia aurora* Quoy et Gaimard: de Blainville, 1830 [Ref. 94], p. 293. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 12.1.

Actinia Aurora Quoy & Gaimard, 1833 [Ref. 194], p. 141–142 (original description). senior homonym

Heteractis aurora [no author]: Haime & Milne Edwards, 1851 [Ref. 162], p. 10.

[*non*] *Actinia aurora* Gosse, 1854 [Ref. 93], p. 280–281 (original description). junior primary homonym

[*non*] *Actinia Aurora* [no author]: Tugwell, 1856 [Ref. 452], p. 57.

Bunodes koseirensis Klunzinger, 1877 [Ref. 121], p. 77–78 (original description).

Antheopsis koseirensis Klunzinger 1877: Simon, 1892 [Ref. 233], p. 30–37.

Phymanthus simplex Haddon & Shackleton, 1893 [Ref. 364], p. 117, 121–122 (original description).

Condylactis sp.: Saville-Kent, 1897 [Ref. 439], p. 39.

Ixalactis simplex (H. & S.): Haddon, 1898 [Ref. 363], p. 398, 443–445.

Antheopsis Koseirensis (Klunz): Haddon, 1898 [Ref. 363], p. 415, 423.

Antheopsis Koseirensis maculata Krempf, 1905 [Ref. 124], p. 193.

Antheopsis crispa (Ehrenberg 1834) Simon 1892: Krempf, 1905 [Ref. 124], p. 193–194.

Ixalactis sp.: Menon, 1927 [Ref. 160], p. 37.

Radianthus koseiriensis [sic] (Klunzinger 1877): Carlgren, 1949 [Ref. 31], p. 74.

Radianthus koseirensis [no author]: Fishelson, 1970 [Ref. 815], p. 107–112, 115.
Radianthus koseirensis maculata [no author]: Fishelson, 1970 [Ref. 815], p. 108, 109.
Radianthus simplex (Haddon and Shackleton): Allen, 1972 [Ref. 794], p. 124, 168, 181, 190–193, 196, 197, 230, 250, 252, 258, 259, ii.
Radianthus koseirensis conspersa [no author]: Fricke, 1974 [Ref. 1279], p. 435, 438.
Bartholomea sp.: Uchida, Okamoto, & Fukuda, 1975 [Ref. 1307], p. 37–38, 41.

aurora, *Sicyonis* Carlgren & Stephenson, 1929

Valid name: ***Sicyonis erythrocephala* (Pax, 1922)**

Described from x1.

Type specimen: holotype *not found*: Australia, Tasmania, off Maria Island (Australasian Antarctic Expedition 1911–14)

***australiae*, *Anthothoe* (Haddon & Duerden, 1896)**

Synonymy: *Mitactis Australiae* Haddon & Duerden, 1896 [Ref. 368], p. 140, 161–164 (original description).

Mitactis australiae Haddon & Duerden, 1896: Stephenson, 1920 [Ref. 449], p. 548.

?*Anthothoë Australiae* (Haddon and Duerden 1896): Carlgren, 1949 [Ref. 31], p. 103.

***australiensis*, *Actinia* Carlgren, 1950**

Described from x18 *ex* two localities.

Type specimens: MZL 324 Kat. 1: 11 syntypes, Australia, New South Wales, Sydney; MZL 324 Kat. 2: 2 syntypes, Australia, New South Wales; 5 syntypes *not found*: Australia, New South Wales, Sydney

Synonymy: *Actinia australiensis* Carlgren, 1950 [Ref. 302], p. 132–133 (original description).

australiensis, *Antheopsis* Carlgren, 1950

Valid name: ***Heteractis australiensis* (Carlgren, 1950)** new combination

Described from "several specimens of very different size".

Type specimen: MZL 325: 1 syntype, Australia, Queensland, Southport

***australiensis*, *Anthothoe* Carlgren, 1950**

Described from x2.

Type specimens: BMNH 1954.6.28.28: 3 syntypes, Australia, Queensland, Great Barrier Reef, Batt Reef (Great Barrier Reef Expedition 1928–29)

Synonymy: *Anthothoë australiensis* Carlgren, 1949 [Ref. 31], p. 103. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 13.1.1.

Anthothoë australiensis Carlgren, 1950 [Ref. 311], p. 427, 453–455 (original description).

Anthothoe australiensis Carlgren, 1949: Williams, 1997 [Ref. 647], p. 155.

***australiensis*, *Epiactis* Carlgren, 1950**

Described from x2.

Type specimens: MZL 202 Kat. 2: 2? syntypes, Australia, South Australia, Marine Rocks

Synonymy: *Epiactis australiensis* Carlgren, 1950 [Ref. 303], p. 125–127 [5–7] (original description).

***australiensis*, *Heteractis* (Carlgren, 1950)** new combination

Synonymy: *Antheopsis australiensis* Carlgren, 1950 [Ref. 302], p. 139–141 (original description).

Heteractis australiensis (Carlgren, 1950): new combination herein.

***australiensis*, *Telmatactis* Carlgren, 1950**

Described from x1.

Type specimen: BMNH 1954.6.28.11: holotype, Australia, Queensland, Great Barrier Reef, Three Isles

Synonymy: *Telmatactis australiensis* Carlgren, 1949 [Ref. 31], p. 91. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 13.1.1.

Telmatactis australiensis Carlgren, 1950 [Ref. 311], p. 427, 448–449 (original description).

***australis*, *Bathyphellia* Dunn, 1983**

Described from x5.

Type specimens: USNM 60194: holotype, 59°49'30"S, 144°47'W (*Eltanin* Cruise 10 sta. 876); CAS 017958: 1 paratype, 58°57'S–58°58'S, 74°47'W–74°32'W (*Eltanin* Cruise 10 sta. 843); CAS 029636: 1 paratype, 62°55'S–62°51'S, 78°54'W–78°43'W (*Eltanin* Cruise 10 sta. 856); CAS 029637: 1 paratype, 67°55'S–67°54'S, 110°55'W–110°57'W (*Eltanin* Cruise 17 sta. 18-51); USNM 60705: 1 paratype, 59°48'S–59°51'S, 144°45'W–144°49'W (*Eltanin* Cruise 20 sta. 134)

Synonymy: *Bathypheilia australis* Dunn, 1983 [Ref. 344], p. 1, 34–39 (original description).

Daontesia australis (Dunn, 1983): Riemann-Zürneck, 1997 [Ref. 652], p. 367, 371.

***australis*, *Bunodeopsis* Haddon, 1898**

Described from unspecified number (inferred x1).

Type specimen: holotype *not found*: Australia, Queensland, Cape York, Albany Pass

Synonymy: *Bunodeopsis Australis* Haddon, 1898 [Ref. 363], p. 398, 435 (original description).

Bunodeopsis australis Haddon: Stephenson, 1922 [Ref. 451], p. 287.

australis, *Eloactis* Carlgren, 1931

Valid name: ***Anemonactis clavus* (Quoy & Gaimard, 1833)**

Described from x2.

Type specimens: NRS 3998: 2 syntypes, Australia, New South Wales, Port Jackson

***australis*, *Epiphellia* Carlgren, 1950**

Described from x1.

Type specimen: UCMNH *no number*: holotype, Australia, New South Wales, Port Jackson

Synonymy: *Epiphellia australis* Carlgren, 1949 [Ref. 31], p. 90. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 13.1.1.

Epiphellia australis Carlgren, 1950 [Ref. 302], p. 142–144 (original description).

***australis*, *Isanemonia* Carlgren, 1950**

Type species of *Isanemonia* by monotypy.

Described from x6.

Type specimens: MZL 200 Kat. 3: 6 syntypes, Australia, South Australia, Port Willunga

Synonymy: *Isanemonia australis* Carlgren, 1950 [Ref. 303], p. 127–128 [7–8] (original description).

***australis*, *Phlyctenanthus* Carlgren, 1950**

Type species of *Phlyctenanthus* by monotypy.

Described from x9 *ex* three localities.

Type specimens: MZL 296 Kat. 2: 2 syntypes, Australia, New South Wales, Sydney, Long Reef; MZL 296 Kat. 1: 5 syntypes, Australia, New South Wales; UCMNH *no number*: 2 syntypes, Australia, New South Wales, Port Jackson

Synonymy: *Phlyctenanthus australis* Carlgren, 1949 [Ref. 31], p. 61. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 13.1.1.

Phlyctenanthus australis Carlgren, 1950 [Ref. 302], p. 135–136 (original description)

Phlyctenanthus australis Carlgren, 1849 [*sic*]: Zamponi, Genzano, Acuña, & Excoffon, 1998 [Ref. 710], p. 12, 13.

Phlyctenanthus [*sic*] *australis* [no author]: Rodríguez, López-González, & Gili, 2007 [Ref. 5911], p. 1891.

australis, *Saccactis* Lager, 1911

Valid name: ***Oulactis mcmurrichi* (Lager, 1911)**

Described from x2 *ex* two localities.

Type specimens: MNB 5439: 2? syntypes, Australia, Western Australia, Sharks Bay, Denham (Hamburger südwest-australischen Forschungsreise 1905 sta. 5); MNB 5439: 2? syntypes, Australia, Western Australia, Albany Bay, Princess Royal Harbour (Hamburger südwest-australischen Forschungsreise 1905 sta. 60); ZMH C5320: 1 syntype, Australia, Western Australia, Albany Bay, Princess Royal Harbour (Hamburger südwest-australischen Forschungsreise 1905 sta. 60)

australis, *Stoichactis* Lager, 1911

Valid name: ***Stichodactyla tapetum* (Hemprich & Ehrenberg in Ehrenberg, 1834)**

Described from x1.

Type specimen: ZMH C5332: holotype, Australia, Western Australia, Sharks Bay, Surf Point [detail from specimen label] (Hamburger südwest-australischen Forschungsreise 1905 sta. 25)

australiae, *Mitactis* Haddon & Duerden, 1896

Valid name: ***Anthothoe australiae* (Haddon & Duerden, 1896)**

Described from x1.

Type specimen: MZL *no number*: 3 microscope slides of holotype, Australia, Victoria, Port Phillip

***awii*, *Antipodactis* Rodríguez, López-González, & Daly, 2009**

Described from holotype, x15 paratypes.

Type specimens: ZMH C11720: holotype, Arctic Ocean, Hausgarten IV (*Polarstern* ARK XX/1 sta. 66/118-1); LBMS CRA-0011: 5 paratypes, Arctic Ocean, Hausgarten IV (*Polarstern* ARK XX/1 sta. 66/118-1); USNM 1121702: 5 paratypes, Arctic Ocean, Hausgarten IV (*Polarstern* ARK XX/1 sta. 66/118-1); ZMH C11721: 5 paratypes, Arctic Ocean, Hausgarten IV (*Polarstern* ARK XX/1 sta. 66/118-1)

Synonymy: *Antipodactis awii* Rodríguez, López-González, & Daly, 2009 [Ref. 6023], p. 703, 704, 705, 707–710, 711, 712 (original description).

***azorica*, *Paracalliactis* Doumenc, 1975**

Described from x10 *ex* two localities.

Type specimens: 9 syntypes *not found*: 37°26'N, 25°00'W (Biaçores sta. 202); 1 syntype *not found*: 36°59'N, 24°30'W (Biaçores sta. 221)

Synonymy: *Paracalliactis azorica* Doumenc, 1975 [Ref. 48], p. 167–170, 199 (original description).

***badia*, *Anthostella* (Carlgren, 1900)**

Synonymy: *Isactinia badia* Carlgren, 1900 [Ref. 195], p. 33–35 [53–55] (original description).

Anemonia badia Carlgr.: Stephenson, 1922 [Ref. 451], p. 267.

?*Anthostella badia* (Carlgren 1900): Carlgren, 1949 [Ref. 31], p. 50.

badia, *Isactinia* Carlgren, 1900

Valid name: ***Anthostella badia* (Carlgren, 1900)**

Described from x1.

Type specimen: MZL 330: holotype, East Africa, Tanzania, Pangani, Masiwa Island

badia, *Leiothealia* McMurrich, 1893

Valid name: ***Sagartia badia* (McMurrich, 1893)** new combination

Described from x1 ("No. 702").

Type specimen: holotype *not found*: Chile, Straits of Magellan (U.S. Fish Commission Steamer *Albatross* 1888 sta. 2779)

***badia*, *Sagartia* (McMurrich, 1893)** new combination

Synonymy: *Leiothealia badia* McMurrich, 1893 [Ref. 386], p. 194–196, 206 (original description).

Sagartia badia (McMurrich, 1893): new combination herein.

ballii, *Actinea* [*sic*] Cocks, 1851

Valid name: ***Anthopleura ballii* (Cocks, 1851)**

Described from unspecified number.

Type specimens: syntypes *not found*: UK, England, Cornwall, Falmouth, Gwyllyn-vase

***ballii*, *Anthopleura* (Cocks, 1851)**

Synonymy: *Actinea Ballii* Cocks, 1850 [Ref. 6093], p. 94. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 12.1.

- Actinea* [*sic*] *Balii* [*sic*] Cocks, 1851 [Ref. 36], p. 9 (original description).
Actinia clavata rosea Gosse, 1853 [Ref. 616], p. 127–128 (original description).
Bunodes clavata [no author]: Gosse, 1855 [Ref. 95], p. 274–275.
Actinia clavata [no author]: Tugwell, 1856 [Ref. 452], p. 54.
Cereus clavata [no author]: Milne Edwards, 1857 [Ref. 508], p. 267.
Tealia Ballii [no author]: Wright, 1859 [Ref. 949], p. 185.
Bunodes Ballii [no author]: Gosse, 1860 [Ref. 356], p. 198–201.
Bunodes ballii [no author]: Johnson, 1861 [Ref. 118], p. 303.
Bunodes listeri Johnson, 1861 [Ref. 118], p. 302–303 (original description).
Ægeon Alfordi Gosse, 1865 [Ref. 532], p. 41–44 (original description).
Ægeon alfordi Gosse: Wright, 1866 [Ref. 6126], p. 781.
Bunodes balli [*sic*] Cocks: Fischer, 1874 [Ref. 78], p. 195, 229.
Bunodes Balli Cocks: Fischer, 1875 [Ref. 79], p. 187.
Bunodes crassus Andres, 1881 [Ref. 4], p. 307, 318, 338 (original description).
Aulactinia Alfordi Gos.: Andres, 1883 [Ref. 6170], p. 439.
Aulactinia crassa Andr.: Andres, 1883 [Ref. 6170], p. 439–440.
Bunodes Listeri Johns.: Andres, 1883 [Ref. 6170], p. 428.
Bunodactis Balli (Cocks): Verrill, 1899 [Ref. 470], p. 42.
Bunodactis Listeri (Johns.): Verrill, 1899 [Ref. 470], p. 42.
Cribrina listeri (Johns.): Pax, 1908 [Ref. 403], p. 474–475 [272–273], 497 498 [295–296].
Cribrina Balli (Cocks): Stephens, 1912 [Ref. 6215], p. 9.
Anthopleura Alfordi Gosse: Stephenson, 1918 [Ref. 442], p. 117–118.
Bunodactis ballii Cocks: Stephenson, 1922 [Ref. 451], p. 271.
Cribrina Listeri (Johnson): Gravier, 1922 [Ref. 358], p. 18.
Bunodactis alfordi Gosse: Stephenson, 1922 [Ref. 451], p. 271.
Anthopleura ballii (Cocks): Stephenson, 1928 [Ref. 504], p. 110.
Anthopleura Balli [no author]: Delphy, 1938 [Ref. 658], p. 622.
Anthopleura balli (Cocks): Delphy, 1939 [Ref. 5959], p. 480.
Anthopleura Listeri (Johnson 1861): Carlgren, 1949 [Ref. 31], p. 53.
Anthopleura Ballii (Cocks): Manuel, 1981 [Ref. 384], p. 114–115.

Comment: Correct spelling inferred to be with two "els," as had been spelled as *nomen nudum* in Cocks (1850).

***balsae*, *Ramirezia* Zamponi, 1980**

Type species of *Ramirezia* by original designation.

Described from holotype, x6 paratypes.

Type specimens: MLP 8505: holotype, Argentina, Buenos Aires Province, Mar del Plata, Naval Base; IBM 11: 6 paratypes, Argentina, Buenos Aires Province, Mar del Plata, Naval Base

Synonymy: *Ramirezia balsae* Zamponi, 1980 [Ref. 272], p. 146–149 (original description).

***bankamensis*, *Myonanthus* Carlgren, 1928**

Described from x1.

Type specimen: holotype *not found*: Indonesia, Nias Island, North Canal, 12 Sm south of Bangkam (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 202)

Synonymy: *Myonanthus bankamensis* Carlgren, 1928 [Ref. 198], p. 160–162 [38–40] (original description).

***bathamae*, *Flosmaris* Hand, 1961**

Described from x10.

Type specimens: OM Iv 2067: holotype, New Zealand, South Island, Otago Harbour, Quarantine Island (St. Martin's Island); BMNH 1960.6.26.4–6: 3 paratypes, New Zealand, South Island, Otago Harbour, Quarantine Island (St. Martin's Island); USNM 51651: 3 paratypes, New Zealand, South Island, Otago Harbour, Quarantine Island (St. Martin's Island); OM Iv 2066: 2 paratypes, New Zealand, South Island, Otago Harbour, Quarantine Island (St. Martin's Island)

Synonymy: *Flosmaris bathamae* Hand, 1961 [Ref. 377], p. 84–88 (original description).

***bathamae*, *Habrosanthus* Cutress, 1961**

Type species of *Habrosanthus* by original designation.

Described from x21 ex three localities.

Type specimens: USNM 51545: holotype, New Zealand, South Island, Otago Harbour; BMNH 1964.3.20.1: 1 paratype, New Zealand, South Island, Portobello, Lateral Reef, Aquarium Point; USNM 51546: 5 paratypes, New Zealand, South Island, Portobello, Lateral Reef, Aquarium Point; USNM 51548: 11 paratypes, New Zealand, South Island, Portobello, Lateral Reef, Aquarium Point; USNM 51547: 3 paratypes, New Zealand, South Island, Otago Harbour, Quarantine Island (St. Martin's Island); OM Iv 2098: 2 paratypes, New Zealand, South Island, Portobello, Lateral Reef, Aquarium Point

Synonymy: *Habrosanthus bathamae* Cutress, 1961 [Ref. 592], p. 97–101 (original description).

bathybia, *Phellia* Danielssen, 1890

Valid name: ***Kadosactis rosea* Danielssen, 1890**

Described from "many specimens."

Type specimens: MZB 589: 16 syntypes, Norway (Norwegian North Atlantic Expedition 1876–1878 sta. 51); MZB 590: 9 (?) syntypes, Norway (Norwegian North Atlantic Expedition 1876–1878 sta. 51); NRS 5624: 1 syntype, Norway (Norwegian North Atlantic Expedition 1876–1878 sta. 51); MZL no number: 3 microscope slides of syntype, Norway (Norwegian North Atlantic Expedition 1876–1878 sta. 51)

***bathybium*, *Amphianthus* Hertwig, 1882**

Type species of *Amphianthus* by monotypy.

Described from x1.

Type specimen: BMNH 1889.11.25.21: holotype, Northwest Pacific Ocean (*Challenger* Expedition 1873–1876 sta. 241)

Synonymy: *Amphianthus bathybium* Hertwig, 1882 [Ref. 379], p. 80–81, 116 (original description). type

Amphianthus ornatum Hertwig, 1888 [Ref. 382], p. 26–28 (original description).

Amphianthus ornatus Hertwig 1888: Carlgren, 1949 [Ref. 31], p. 99.

***beautempsii*, *Edwardsia* de Quatrefages, 1842**

Type species of *Edwardsia* by subsequent designation (Delphy, 1938): Williams (1981), England (1987), and Fautin *et al.* (2007) credited designation to Carlgren (1949) [Ref. 31].

Described from unspecified number >1.

Type specimens: syntypes *not found*: English Channel, Chausey

Synonymy: *Edwardsia Beautempsii* de Quatrefages, 1842 [Ref. 193], p. 69–70 (original description).

Edwardsia Beautempsi [*sic*] Quatrefages: Milne Edwards & Haime, 1851 [Ref. 162], p. 9.

Scolanthus callimorphus Gosse, 1853 [Ref. 92], p. 157–159 (original description).

Edwardsia callimorpha [no author]: Gosse, 1855 [Ref. 95], p. 271.

Edwardsia Beautempsis [*sic*] [no author]: Milne Edwards, 1857 [Ref. 508], p. 285.

Edwardsia beautempsi [*sic*] Quatrefages: Fischer, 1874 [Ref. 78], p. 203.

Edwardsia beautempsis [*sic*] [no author]: Moseley, 1877 [Ref. 166], p. 299.

Edwardsia beautempsii Quatrefages: Haddon, 1889 [Ref. 362], p. 327–328, 331, 332.

Edwardsia [*sic*] *Beautempsi* [no author]: Delphy, 1939 [Ref. 5871], p. 269.

***beebei*, *Alicia* Carlgren, 1940**

Described from x1.

Type specimen: holotype *not found*: Mexico, Gulf of California, Arena Bank (Eastern Pacific Expeditions - New York Zoological Society (Templeton Crocker) sta. 136 D-30)

Synonymy: *Alicia beebei* Carlgren, 1940 [Ref. 297], p. 211–212 (original description).

bellii, *Actinea* [*sic*] Cocks, 1851

Valid name: ***Actinothoe bellii* (Cocks, 1851)**

Described from unspecified number (inferred x1).

Type specimen: holotype *not found*: UK, England, Cornwall, cove W of Pendennis Castle

***bellii*, *Actinothoe* (Cocks, 1851)**

Synonymy: *Actinea Bellii* Cocks, 1850 [Ref. 6093], p. 94. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 12.1.

Actinea [*sic*] *Bellii* Cocks, 1851 [Ref. 36], p. 10 (original description).

Sagartia Bellii (Cocks): Gosse, 1858 [Ref. 96], p. 416.

Thoe? *Bellii* (Cocks): Gosse, 1860 [Ref. 356], p. 354. *incertae sedis*

Actinia Bellii [no author]: Andres, 1883 [Ref. 6170], p. 598. *species delendae*

Actinothoe ? bellii (Cocks): Stephenson, 1935 [Ref. 505], p. 392 (of uncertain status).

bellis, *Actinia* Ellis & Solander, 1786

Type species of *Helaria* by monotypy. Type species of *Heliactis* by monotypy. Type species of *Scyphia* by monotypy.

Valid name: ***Cereus pedunculatus* (Pennant, 1777)**

Described from unspecified number (inferred x1).

Type specimen: holotype *not found*: UK, England, Cornwall

***bermudensis*, *Actinia* (McMurrich, 1889)**

Synonymy: =? *Anemonia depressa* Duchassaing & Michelotti, 1860 [Ref. 323], p. 37 (original description).

Diplactis bermudensis McMurrich, 1889 [Ref. 546], p. 111–113 (original description).

Actinia Bermudensis [no author]: Verrill, 1898 [Ref. 469], p. 495.

Diplactis Bermudensis (McM.): Haddon, 1898 [Ref. 363], p. 432, 437.

Actinia bermudensis ferruginea Verrill, 1898 [Ref. 469], p. 495–496 (original description).

Actinia bermudensis prunicolor Verrill, 1907 [Ref. 476], p. 257 (original description).

Actinia bermudensis Verrill: Verrill, 1907 [Ref. 476], p. 256–257.

Actinia Bermudensis ferruginea V.: Verrill, 1907 [Ref. 973], p. 558.

bermudensis ferruginea, *Actinia* Verrill, 1898

Valid name: ***Actinia bermudensis* (McMurrich, 1889)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: Bermuda, Castle Harbor; syntypes *not found*: Bermuda, Bailey's Bay

bermudensis prunicolor, *Actinia* Verrill, 1905

Valid name: ***Actinia bermudensis* (McMurrich, 1889)**

Described from unspecified number.

Type specimens: syntypes *not found*: Bermuda, Castle Harbor; syntypes *not found*: Bermuda, Elbow Bay

bermudensis, *Diplactis* McMurrich, 1889

Valid name: ***Actinia bermudensis* (McMurrich, 1889)**

Described from "a number of specimens".

Type specimens: ANSP CN429: 23 syntypes, Bermuda

bicolor, *Actinia* Le Sueur, 1817

Senior homonym to junior primary homonym of Lesson (1830). Resolved by Verrill (1869), who created replacement name (International Code of Zoological Nomenclature Article 60) *Sagartia lessonii* for junior homonym.

Valid name: ***Calliactis tricolor* (Le Sueur, 1817)**

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, St. Vincent [Lesser Antilles, Windward Islands]

bicolor, *Actinia* Lesson, 1830

Junior primary homonym to senior homonym of Le Sueur (1817). Resolved by Verrill (1869), who created replacement name (International Code of Zoological Nomenclature Article 60) *Sagartia lessonii* for junior homonym.

Valid name: ***Sagartia lessonii* Verrill, 1869**

Described from unspecified number >1.
Type specimens: syntypes *not found*: Peru, Paita [Payta]

***bicornis*, *Actinia* Müller, 1776**

Described from unspecified number.
Type specimens: syntypes *not found*: Denmark
Synonymy: *Actinia bicornis* Müller, 1776 [Ref. 167], p. 231 (original description).
Actinia bicornis [no author]: Andres, 1883 [Ref. 6170], p. 586–587. *species delendae*

bilateralis, *Xanthiopus* Keferstein, 1862

Valid name: ***Halcampa chrysanthellum* (Peach in Johnston, 1847)**
Described from unspecified number.
Type specimens: syntypes *not found*: France, Normandie, St. Vaast la Hougue

bimaculata, *Actinia* Grube, 1840

Valid name: ***Aulactinia verrucosa* (Pennant, 1777)**
Described from unspecified number >1.
Type specimens: syntypes *not found*: Yugoslavia, Adriatic Sea, Veglia Island [Krk], near Fiume [Rijeka]; syntypes *not found*: Italy, Sicily, Palermo

***biotrans*, *Parasicyonis* (Riemann-Zürneck, 1991)**

Synonymy: *Sicyonis tuberculata* [no author]: Lampitt & Paterson, 1987 [Ref. 5531], p. 455, 456–460.
Sicyonis biotrans Riemann-Zürneck, 1991 [Ref. 516], p. 8–13 (original description).
Parasicyonis biotrans (Riemann-Zürneck, 1991): Eash-Loucks & Fautin, 2012 [Ref. 6202], p. 4, 29.

biotrans, *Sicyonis* Riemann-Zürneck, 1991

Valid name: ***Parasicyonis biotrans* (Riemann-Zürneck, 1991)**
Described from holotype, x1 paratype.
Type specimens: ZMH C11612: holotype, 47.5°N, 19.5°W (*Meteor* (BIOTRANS 300) sta. 3-191); ZMH C11613: 1 paratype, 47.5°N, 19.5°W (*Meteor* (BIOTRANS 300) sta. 3-191)

***birtlesi*, *Stylobates* Crowther, Fautin, & Wallace, 2011**

Described from holotype, x9 paratypes.
Type specimens: MTQ G57579: holotype, Australia, Queensland (Cidaris I sta. 15-4); MTQ G57580: 1 paratype, Australia, Queensland, Coral Sea (Cidaris I sta. 48-3); MTQ G64680: 4 paratypes, Australia, Queensland, Coral Sea (Soela sta. CO685A78); MTQ G57582: 1 paratype, Australia, Queensland (Cidaris I sta. 50-3); MTQ G57581: 2 paratypes, Australia, Queensland, Coral Sea (Cidaris I sta. 49-3); KU 003352: 1 paratype, Australia, Queensland (Cidaris I sta. 50-3)
Synonymy: *Stylobates birtlesi* Crowther, Fautin, & Wallace, 2011 [Ref. 6148], p. 33–45 (original description).

***biscayense*, *Bunodosoma* (Fischer, 1874)**

Synonymy: *Bunodes biscayensis* Fischer, 1874 [Ref. 78], p. 229–231 (original description).
Bunodes Biscayensis (Fischer): Fischer, 1889 [Ref. 81], p. 254, 271–272, 304.
Bunodactis Biscayensis (Fischer 1874): Carlgren, 1949 [Ref. 31], p. 65.
[*non*] *Bunodactis verrucosa* (Pennant 1777): Schmidt, 1972 [Ref. 441], p. 82–86.
Aulactinia biscayensis [no author]: Dunn, Chia, & Levine, 1980 [Ref. 339], p. 2078.
Bunodosoma biscayensis (Fischer, 1874): den Hartog, 1987 [Ref. 109], p. 533–556.
Bunodosoma biscayense (Fischer, 1874): : correct spelling original herein.

biscayensis, *Bunodes* Fischer, 1874

Valid name: ***Bunodosoma biscayense* (Fischer, 1874)**
Described from unspecified number.
Type specimens: syntypes *not found*: France, Bay of Arcachon, near Le Moulleau

biserialis, *Actinia* Forbes, 1840

Type species of *Dysactis* by subsequent designation (Thompson, 1858).

Valid name: *Aiptasia mutabilis* (Gravenhorst, 1831)

Described from unspecified number >1.

Type specimens: syntypes *not found*: UK, Guernsey, Herm Island

***bocki, Actinauge* Carlgren, 1943**

Described from x9 *ex* two localities.

Type specimens: NRS 4004: 3 syntypes, Japan, Kyushu [Kyûsyû] [Kin Shin] [Kiu Shiu], Kagoshima; NRS 4003: 1 syntype, Japan, Kyushu [Kyûsyû] [Kin Shin] [Kiu Shiu], Nagasaki Prefecture, Goto [Goto] Islands

Synonymy: *Actinauge bocki* Carlgren, 1943 [Ref. 305], p. 35–36 (original description).

bocki, Edwardsia Carlgren, 1931

Valid name: *Edwardsianthus pudica* (Klunzinger, 1877)

Described from "zahlreiche Exemplare": x21 mentioned individually.

Type specimens: NHMG Anthoz. 130: 4 syntypes, Fiji, Viti Levu, Bau and Namuka (Dr. Bock's Expedition); NRS 4027: 2 syntypes, Fiji, Viti Levu; NRS 4018: 9 ?10 syntypes, Fiji, Viti Levu, Bau (Dr. Bock's Expedition); NRS 4028: 2 syntypes, Fiji, Viti Levu, Namuka (Dr. Bock's Expedition); MZL *no number*: 5 microscope slides of syntypes, Fiji, Viti Levu, Bau and Namuka (Dr. Bock's Expedition)

***bocki, Pseudhormathia* Carlgren, 1943**

Type species of *Pseudhormathia* by monotypy.

Described from x1.

Type specimen: EUU 103: holotype Japan, Kyushu [Kyûsyû] [Kin Shin] [Kiu Shiu], Nagasaki Prefecture, Goto [Goto] Islands

Synonymy: *Pseudhormathia bocki* Carlgren, 1943 [Ref. 305], p. 24–27 (original description).

***boeckii, Peachia* (Danielssen & Koren, 1856)**

Synonymy: *Peachia hastata* Gosse, 1855 [Ref. 95], p. 267–271 (original description).

Siphonactinia Boeckii Danielssen & Koren, 1856 [Ref. 581], p. 87–89 (original description).

Siphonactinia Bæckii [*sic*] [no author]: Verrill, 1866 [Ref. 459], p. 339.

Siphonactinia Bæckii (Dan. & Kor. 1856): Haddon, 1887 [Ref. 732], p. 475.

Peachia Boeckii (Kor. et Dan.): McMurrich, 1893 [Ref. 386], p. 144, 145.

Siphonactinia Beckii [*sic*] [no author]: Faurot, 1895 [Ref. 76], p. 142.

Siphonactinia boeckii [*sic*] Danielssen & Koren: Grieg, 1913 [Ref. 771], p. 143.

Peachia boeckii [*sic*] (Dan. & Koren.) Hadd.: Carlgren, 1921 [Ref. 196], p. 105–106.

boeckii, Siphonactinia Danielssen & Koren, 1856

Type species of *Siphonactinia* by monotypy.

Valid name: *Peachia boeckii* (Danielssen & Koren, 1856)

Described from unspecified number >1.

Type specimen: MZB 536: most of 1 syntype, Norway, Hardangerfjord

***bombayense, Acontiophorum* Parulekar, 1968**

Synonymy: *Acontiophorum bombayensis* Parulekar, 1968 [Ref. 185], p. 524, 527–529 (original description).

Acontiophorum bombayense Parulekar, 1968: correct spelling original herein.

bombayensis, Acontiophorum Parulekar, 1968

Valid name: *Acontiophorum bombayense* Parulekar, 1968 for gender agreement

Described from holotype, x5 paratypes.

Type specimens: ZSI P. 1834/1: holotype, India, Maharashtra, Bombay [Mumbai], Madh Island; BNHS *no number*: 4 or fewer paratypes, India, Maharashtra, Bombay [Mumbai], Madh Island; ZSI *no number*: 4 or fewer paratypes, India, Maharashtra, Bombay [Mumbai], Madh Island

***boninensis*, *Andvakia* Carlgren, 1943**

Described from x7.

Type specimens: 1 syntype *not found*: Japan, Ogasawara Islands [Bonin Islands] Islands, Port Lloyd; 6 syntypes *not found*: Japan, Ogasawara Islands [Bonin Islands] Islands, Miyonahama

Synonymy: *Andwakia boninensis* Carlgren, 1943 [Ref. 305], p. 23–24 (original description).

Andwakia boniensis [sic] Carlgren 1943: Carlgren, 1949 [Ref. 31], p. 39.

Andvakia boninensis [no author]: Daly, Chaudhuri, Gusmão, & Rodríguez, 2008 [Ref. 5992], p. 295.

borealis, *Actinauge* Verrill, 1922

Valid name: ***Hormathia nodosa* (Fabricius, 1780)**

Described from x2.

Type specimens: CMN CMNI 1900-2902: 2 syntypes, Canada, Hudson Bay (east side), Richmond Gulf

***borleyi*, *Kodioides* Walton, 1910**

Described from x2.

Type specimens: syntypes *not found*: Netherlands, NNW of Terschelling [Terschelling] (Huxley Voyage XXX sta. 23)

Synonymy: *Kodioides borleyi* Walton, 1910 [Ref. 6096], p. 85–87 (original description).

Kodioides borleyi, Walton: Stephenson, 1935 [Ref. 505], p. 394 (of uncertain status).

***boscii*, *Actinodactylus* Duchassaing, 1850**

Type species of *Actinodactylus* by monotypy. Type species of *Stauractis* by monotypy.

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, Antilles

Synonymy: *Actinodactylus Boscii* Duchassaing, 1850 [Ref. 70], p. 10 (original description).

Actinodactylus boscii Duchassaing: Duchassaing & Michelotti, 1861 [Ref. 1805], p. 320.

Stauractis Boscii Duch.: Andres, 1883 [Ref. 6170], p. 470.

bouvetensis, *Hormathia* Carlgren, 1928

Valid name: ***Hormathia lacunifera* (Stephenson, 1918)**

Described from x16: x8 large, x8 small.

Type specimens: MNB 7192: 14 syntypes, South Atlantic Ocean, Bouvet Island, east side (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 127); MZL 321: 2 syntypes, South Atlantic Ocean, Bouvet Island, east side (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 127)

***bradleyi*, *Actinostella* (Verrill, 1869)**

Synonymy: *Asteractis Bradleyi* Verrill, 1869 [Ref. 458], p. 465–466 (original description).

Oulactis californica McMurrich, 1893 [Ref. 386], p. 196–197, 198, 206 (original description).

Phyllactis bradleyi Verr.: Stephenson, 1922 [Ref. 451], p. 283.

Actinostella bradleyi (Verrill, 1869): Häussermann, 2003 [Ref. 1881], p. 199.

***bradleyi*, *Actinothoe* (Verrill, 1869)**

Synonymy: *Sagartia Bradleyi* Verrill, 1869 [Ref. 458], p. 484–485 (original description).

Actinothoë Bradleyi (Verrill 1869a): Carlgren, 1949 [Ref. 31], p. 103.

bradleyi, *Asteractis* Verrill, 1869

Type species of *Asteractis* by monotypy.

Valid name: ***Actinostella bradleyi* (Verrill, 1869)**

Described from x1.

Type specimen: YPM 1009: holotype, Panama

bradleyi, *Sagartia* Verrill, 1869

Valid name: ***Actinothoe bradleyi* (Verrill, 1869)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: Panama, southern reef

brasiliensis, *Actinia* Milne Edwards, 1857

Type species of *Tilesia* by monotypy: type species of *Williamsactis* by replacement.

Species defined but not named by Tilesius (1826).

Valid name: *Williamsactis brasiliensis* (Tilesius *in* Milne Edwards, 1857) new combination

Described from unspecified number.

Type specimens: syntypes *not found*: Brazil

***brasiliensis*, *Williamsactis* (Tilesius *in* Milne Edwards, 1857) new combination**

Synonymy: *Actinia* [no author]: Tilesius, 1826 [Ref. 6186], p. 102, 117–119.

Actinia Brasiliensis Milne Edwards, 1857 [Ref. 508], p. 247 (original description).

Tilesia brasiliensis M. Edw.: Andres, 1883 [Ref. 6170], p. 570, 572. *incertae sedis*

Williamsactis brasiliensis (Tilesius *in* Milne Edwards, 1857): new combination herein.

***brasiliensis*, *Phymactis* Carlgren, 1939**

Described from x3.

Type specimens: syntypes *not found*: Brazil, Espirito Santo, South Trinidad Island

Synonymy: [*non*] *Phymactis clematis* Drayton: Stephenson, 1918 [Ref. 448], p. 23–24.

Phymactis brasiliensis Carlgren, 1939 [Ref. 295], p. 795 (original description).

Comment: Carlgren (1939) provisionally described this species based on specimens he considered misidentified by Stephenson (1918).

brevicirrata, *Liponema* Carlgren, 1928

Valid name: *Liponema multipora* Hertwig, 1882

Described from x2.

Type specimens: MNB 7213: 1 syntype, South Africa (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 103);

NRS 3978: 1 syntype, South Africa (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 103)

***brevicirrhata*, *Actinia* Risso, 1826**

Described from unspecified number.

Type specimens: syntypes *not found*: France, Mediterranean Sea, Nice

Synonymy: *Actinia brevicirrhata* Risso, 1826 [Ref. 739], p. 287 (original description).

Actinia (Isacmaea) brevicirrhata Risso?: Ehrenberg, 1834 [Ref. 58], p. 256–257.

Discosoma brevicirrhata [no author]: Milne Edwards, 1857 [Ref. 508], p. 257.

Actinia brevicirrhata [no author]: Andres, 1883 [Ref. 6170], p. 591. *species delendae*

***brevicorne*, *Liponema* (McMurrich, 1893)**

Synonymy: *Bolocera brevicornis* McMurrich, 1893 [Ref. 386], p. 135, 158–160, 206, 209 (original description).

Liponema brevicornis (McMurrich 1893): Carlgren, 1949 [Ref. 31], p. 55.

Lipomena [sic] brevicornis [no author]: Daly, Chaudhuri, Gusmão, & Rodriguez, 2008 [Ref. 5992], p. 295.

Liponema brevicorne (McMurrich, 1893): Eash-Loucks & Fautin, 2012 [Ref. 6202], p. 3, 5, 6, 40–41, 48, 76–77.

brevicornis, *Bolocera* McMurrich, 1893

Valid names used: *Liponema brevicorne* (McMurrich, 1893); *Liponema multicornis* (Verrill, 1880)

Described from x2.

Type specimens: USNM 17802: 2 syntypes, USA, California, north of Channel Islands, San Clemente Island (U.S. Fish Commission Steamer *Albatross* 1888 sta. 2839)

***brevicornis*, *Calliactis* (Studer, 1879)**

Synonymy: *Cereus brevicornis* Studer, 1879 [Ref. 262], p. 542–543 (original description).

Heliactis brevicornis Stud.: Andres, 1883 [Ref. 6170], p. 390.

Calliactis brevicornis (Stud.): Carlgren, 1928 [Ref. 198], p. 199–201 [77–79].

brevicornis, *Cereus* Studer, 1879

Valid name: ***Calliactis brevicornis* (Studer, 1879)**

Described from x6.

Type specimens: MNB 1844 (in 2 containers): 4 syntypes, West Africa, Bijoga Island; MZL *no number*: 3 microscope slides of syntypes, West Africa, Bijoga Island

brevicornis, *Edwardsia* Stimpson, 1856

Valid name: ***Haloclava brevicornis* (Stimpson, 1856)**

Described from unspecified number.

Type specimens: syntypes *not found*: China

***brevicornis*, *Haloclava* (Stimpson, 1856)**

Synonymy: *Edwardsia brevicornis* Stimpson, 1856 [Ref. 239], p. 376 (original description). *nomen dubium* according to Williams, 1981 [Ref. 491], p. 348.

Halocampa [*sic*] *brevicornis* Verrill: Verrill, 1865 [Ref. 457], p. 151.

Halcampa brevicornis (Stimpson): Andres, 1883 [Ref. 6170], p. 667.

Haloclava brevicornis (Stimp.) Ver.: Verrill, 1899 [Ref. 470], p. 41.

Eloactis brevicornis [no author]: Verrill, 1899 [Ref. 470], p. 42.

Edwardsia brevicornis [*sic*] Stimpson: Pei, 1998 [Ref. 765], p. 72, 228.

brevicornis, *Lecythia* Sars, 1829

Type species of *Lecythia* by monotypy.

Valid name: ***Paraedwardsia sarsii* (Dueben & Koren, 1847)**

Described from unspecified number.

Type specimens: syntypes *not found*: Norway, Bergenfjord

***brodricii*, *Cataphellia* (Gosse, 1859)**

Synonymy: *Phellia Brodricii* Gosse, 1859 [Ref. 98], p. 46–47 (original description).

[*non*] *Paraphellia expansa* (Haddon): Haddon, 1889 [Ref. 362], p. 321–324.

Phellia Brodricii [*sic*] Gosse: Fischer, 1889 [Ref. 81], p. 297.

[*pro parte*] *Paraphellia expansa* Haddon: Walton, 1908 [Ref. 264], p. 210–212.

Cataphellia brodricii (Gosse): Stephenson, 1928 [Ref. 504], p. 111.

Phellia brodricii Gosse, 1859: Stephenson, 1931 [Ref. 447], p. 129–132.

Cataphellia Brodricii [*sic*] Gosse: Collings, 1938 [Ref. 1351], p. 27.

Cataphellia brodricii [*sic*] (Gosse): Robins, 1969 [Ref. 1641], p. 341.

brodricii, *Phellia* Gosse, 1859

Type species of *Cataphellia* by original designation.

Valid name: ***Cataphellia brodricii* (Gosse, 1859)**

Described from x1.

Type specimen: holotype *not found*: UK, England, Cornwall, Lundy Island

***browni*, *Epiphellia* (Wilsmore, 1911)**

Synonymy: *Phellia browni* Wilsmore, 1911 [Ref. 268], p. 46–50 (original description).

Epiphellia browni (Wilsmore 1911): Carlgren, 1949 [Ref. 31], p. 90.

browni, *Phellia* Wilsmore, 1911

Valid name: ***Epiphellia browni* (Wilsmore, 1911)**

Described from x1 (female).

Type specimen: holotype *not found*: Australia, New South Wales, Broken Bay, beach opposite Creel Bay

***brucei*, *Epiactis* Carlgren, 1939**

Described from x2.

Type specimens: RSM 1921.143.1772: 2 syntypes, Antarctica, off Coats Land (Scottish Natl. Antarctic Expedition 1902–1904 [Scotia Expedition] sta. 417)

Synonymy: *Epiactis brucei* Carlgren, 1939 [Ref. 295], p. 793–794 (original description).

brunnea, *Gephyra* Pax, 1909

Valid name: ***Amphianthus brunneus* (Pax, 1909)**

Described from x8.

Type specimens: syntypes *not found*: Indian Ocean, Mauritius [Ile de France]

***brunneus*, *Amphianthus* (Pax, 1909)**

Synonymy: *Gephyra brunnea* Pax, 1909 [Ref. 406], p. 401–402 (original description).

Amphianthus brunneus (Pax 1909): Carlgren, 1949 [Ref. 31], p. 99.

***buddemeieri*, *Anthopleura* Fautin, 2005**

Described from holotype, x32 paratypes.

Type specimens: KU 001992: holotype, Papua New Guinea, Madang Province, Madang Lagoon, Wongat Island, seaward side; CAS 065197: 11 paratypes, Papua New Guinea, Madang Province, Madang Lagoon, Wongat Island, seaward side; USNM 1026643: 2 paratypes, Papua New Guinea, Bootless Bay, Motupore Island; KU 001993: 4 paratypes, Papua New Guinea, Madang Province, Madang Lagoon, Wongat Island, seaward side; KU 001989: 2 paratypes, Fiji, Suva, Laucala Bay, campus of the University of the South Pacific Marine Studies Programme; KU 001990: 1 paratype, Fiji, Suva, Laucala Bay, campus of the University of the South Pacific Marine Studies Programme; KU 001996: 3 paratypes, Papua New Guinea, Bootless Bay, Motupore Island; KU 001995: 2 paratypes, Papua New Guinea, Bootless Bay, Motupore Island; KU 001991: 2 paratypes, Papua New Guinea, Madang Province, Madang Lagoon, Wongat Island, seaward side; USP 5306: 3 paratypes, Fiji, Suva, Laucala Bay, campus of the University of the South Pacific Marine Studies Programme; USP 5307: 3 paratypes, Fiji, Suva, Laucala Bay, campus of the University of the South Pacific Marine Studies Programme

Synonymy: *Anthopleura buddemeieri* Fautin, 2005 [Ref. 4883], p. 379–389 (original description).

***buitendijki*, *Phymanthus* Pax, 1924**

Described from x14 *ex* three localities.

Type specimens: NNM 3877: 6 syntypes, Indonesia, Poeloe-Weh; NNM 3878: 4 syntypes, Java Sea; NNM 3876: 4 syntypes, Indonesia, Java, Jakarta Bay [Bay of Batavia]

Synonymy: *Phymanthus buitendijki* Pax, 1924 [Ref. 415], p. 12–13 (original description).

***bulbosa*, *Actinostola* (Carlgren, 1928)**

Synonymy: *Paractinostola bulbosa* Carlgren, 1928 [Ref. 198], p. 182–184 [60–62] (original description).

Actinostola bulbosa (Carlgren, 1928): Riemann-Zürneck, 1978 [Ref. 430], p. 66, 76, 77, 82.

bulbosa, *Paractinostola* Carlgren, 1928

Type species of *Paractinostola* by subsequent designation (Carlgren, 1949).

Valid name: ***Actinostola bulbosa* (Carlgren, 1928)**

Described from x5 *ex* two localities.

Type specimens: MNB 7174: 1 syntype, East Africa, Somaliland (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 263); NRS 3993: 1 syntype, East Africa, Somaliland (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 265)

***bulbosa*, *Stephanauge* Carlgren, 1928**

Described from x1.

Type specimen: MNB 7175: holotype, India, southwest of Great Nikobar (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 208)

Synonymy: *Stephanauge bulbosa* Carlgren, 1928 [Ref. 198], p. 220–222 [98–100] (original description).

***bunodiformis*, *Aulactinia* (Hertwig, 1882) new combination**

Synonymy: *Tealia bunodiformis* Hertwig, 1882 [Ref. 379], p. 30–32, 116 (original description).

Bunodactis bunodiformis (R. Hertw.): Carlgren, 1941 [Ref. 300], p. 5–6, 11.

Aulactinia bunodiformis (Hertwig, 1882): new combination herein.

bunodiformis, *Tealia* Hertwig, 1882

Valid name: ***Aulactinia bunodiformis* (Hertwig, 1882) new combination**

Described from x3.

Type specimens: BMNH 1889.11.25.7: 2 syntypes, Atlantic Ocean, Saint Helena, Tristan da Cunha (*Challenger* Expedition 1873–1876 sta. none)

***bursa*, *Glyphoperidium* Roule, 1909**

Type species of *Glyphoperidium* by monotypy.

Described from x1.

Type specimen: holotype *not found*: Antarctica, Booth-Wandell Island

Synonymy: *Glyphoperidium bursa* Roule, 1909 [Ref. 219], p. 11–12 (original description).

Glyphoperidium vas Roule, 1909 [Ref. 219], p. 13–14 (original description).

Glyphostylum calyx Roule, 1909 [Ref. 219], p. 16 (original description).

Epiactis bursa Roule: Stephenson, 1922 [Ref. 451], p. 274.

Epiactis vas Roule: Stephenson, 1922 [Ref. 451], p. 274.

Epiactis stephensoni Pax, 1922 [Ref. 413], p. 80–81 (original description).

***bursifera*, *Oceanactis* (Riemann-Zürneck, 2000)**

Synonymy: *Oractis bursifera* Riemann-Zürneck, 2000 [Ref. 1337], p. 604–607 (original description).

Oceanactis bursifera Riemann-Zürneck, 2000: Sanamyan, 2003 [Ref. 5878], p. 93, 98, 100.

bursifera, *Oractis* Riemann-Zürneck, 2000

Valid name: ***Oceanactis bursifera* (Riemann-Zürneck, 2000)**

Described from x1.

Type specimen: ZMH holotype, Arctic Ocean, Amundsen Basin (*Polarstern* ARK IX/4 sta. 27-032)

***bythios*, *Marianactis* Fautin & Hessler, 1989**

Type species of *Marianactis* by original designation.

Described from holotype, x7 paratypes *ex* two localities.

Type specimens: CAS 065172: ½ holotype, Pacific Ocean, Mariana back-arc basin, Alice Springs; CAS 065170: 1 paratype, Pacific Ocean, Mariana back-arc basin, Alice Springs; CAS 065171: 2 paratypes, Pacific Ocean, Mariana back-arc basin, Burke hydrothermal field, Anemone Heaven portion; MNHN *no number*: 1 paratype [apparently lost], Pacific Ocean, Mariana back-arc basin, Burke hydrothermal field, Anemone Heaven portion; MNHN *no number*: 1 paratype [apparently lost], Pacific Ocean, Mariana back-arc basin, Alice Springs; USNM 84401: 1 paratype, Pacific Ocean, Mariana back-arc basin, Burke hydrothermal field, Anemone Heaven portion; USNM 84402: 1 paratype, Pacific Ocean, Mariana back-arc basin, Alice Springs

Synonymy: *Marianactis bythios* Fautin & Hessler, 1989 [Ref. 143], p. 818–824 (original description).

***caissarum*, *Bunodosoma* Corrêa in Belém, 1987**

Described from unknown number. Because Belém (1987) [Ref. 528] appeared to believe the species name was available, she specified no type specimens.

Synonymy: *Bunodosoma caissarum* Corrêa, 1964 [Ref. 312], p. 49, 63–67, 72, 73 *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 8 (criteria of publication are not met by this reference: nomenclatural acts, including names of new taxa described, in this reference are not thereby made available).

Bunodosoma caissarum Corrêa in Belem, 1987 [Ref. 528], p. 275 (original description)

Bunodosoma caiçarum [sic] Corrêa in Belém, 1987: Oigman-Pszczol, Figueiredo, & Creed, 2004 [Ref. 4945], p. 177.

Bunodosoma caissarium [sic] [no author]: Monroy-Estrada, Segura-Puertas, Galván-Arzate, Santamaría, & Sánchez-Rodríguez, 2007 [Ref. 5770], p. 401.

calendula, *Actinia* Hughes in Ellis & Solander, 1786

Valid name: ***Petalactis calendula* (Hughes in Ellis & Solander, 1786)**

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, Lesser Antilles, Barbados

***calendula*, *Petalactis* (Hughes in Ellis & Solander, 1786)**

Synonymy: *Actinia Calendula* Hughes in Ellis & Solander, 1786 [Ref. 71], p. 7–8 (original description).

Hydra Calendula [no author]: Gmelin, 1796 [Ref. 91], p. 3869.

Hughea calendula [no author]: Lamouroux, 1821 [Ref. 1707], p. 89.

Actinocereus calendula [no author]: de Blainville, 1830 [Ref. 94], p. 294.

Petalactis calendula Ell.: Andres, 1883 [Ref. 6170], p. 570, 573–574. *incertae sedis*

***californica*, *Actinostella* (McMurrich, 1893)**

Synonymy: *Oulactis californica* McMurrich, 1893 [Ref. 386], p. 196–197, 198, 206 (original description).

Phyllactis californica McM.: Stephenson, 1922 [Ref. 451], p. 284.

Actinostella californica [no author]: Häussermann, 2003 [Ref. 1881], p. 199.

californica, *Actinothoë* Carlgren, 1940

Valid name: ***Sagartiogeton californicus* (Carlgren, 1940)**

Described from x2.

Type specimens: syntypes *not found*: Mexico, Gulf of California, Santa Inez Bay (Eastern Pacific Expeditions - New York Zoological Society (Templeton Crocker) sta. 142 D-3)

***californica*, *Aiptasia* Carlgren, 1952**

Described from unspecified number.

Type specimens: MZL *no number*: pieces of syntype, USA, California, San Diego County, San Diego; MZL *no number*: 5 microscope slides of syntype, USA, California, San Diego, Mission Bay

Synonymy: *Aiptasia californica* Carlgren, 1949 [Ref. 31], p. 107. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 13.1.1.

Aiptasia californica Carlgren, 1952 [Ref. 306], p. 388 (original description).

californica, *Bunodes* Fewkes, 1889

Valid name: ***Anthopleura xanthogrammica* (Brandt, 1835)**

Described from unspecified number.

Type specimens: syntypes *not found*: USA, California, Channel Islands, Santa Cruz Island; syntypes *not found*: USA, California, Santa Barbara County, Point Castillo; syntypes *not found*: USA, California, Santa Barbara

californica, *Bunodosoma* Carlgren, 1951

Valid name: ***Bunodosoma californicum* Carlgren, 1951** for gender agreement

Described from x3. Daly (2004) designated lectotype bearing original catalog number, USNM 49477 [sic] (actually 49447), two paralectotypes bearing new numbers.

Type specimens: USNM 49447: lectotype, Mexico, Gulf of California, Puerto Escondido; USNM 1013363: 1 paralectotype, Mexico, Gulf of California, Puerto Escondido; USNM 1013364: 1 paralectotype [actually *Anthopleura dowii*], Mexico, Gulf of California, Puerto Escondido

***californica*, *Edwardsia* (McMurrich, 1913)**

Synonymy: *Edwardsiella californica* McMurrich, 1913 [Ref. 392], p. 551–553 (original description).

Edwardsia californica (McMurrich): Carlgren, 1936 [Ref. 289], p. 18–19.

californica, *Edwardsiella* McMurrich, 1913

Valid name: ***Edwardsia californica* (McMurrich, 1913)**

Described from x6.

Type specimens: USNM 30716: 3 syntypes, USA, California, Anaheim Bay (Creek), Stingaree Hole

californica, *Oulactis* McMurrich, 1893

Valid names used: ***Actinostella bradleyi* (Verrill, 1869); *Actinostella californica* (McMurrich, 1893)**

Described from x2 ("No. 741").

Type specimen: USNM 17812: 1 syntype, Mexico, Baja California Sur, Gulf of California, Pichilingue Bay

californica, ***Pentactinia* Carlgren, 1900**

Type species of ***Pentactinia*** by monotypy.

Described from x6.

Type specimens: NRS 1162: 5 syntypes, USA, California, San Pedro; ZMH C1530: 1 syntype, USA, California, San Pedro

Synonymy: *Pentactinia californica* Carlgren, 1900 [Ref. 151], p. 1166–1172 (original description).

californicum, ***Bunodosoma* Carlgren, 1951**

Synonymy: *Bunodosoma californica* Carlgren, 1949 [Ref. 31], p. 52. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 13.1.1.

Bunodosoma californica Carlgren, 1951 [Ref. 304], p. 420–421 (original description).

Bunodosoma californicum Carlgren, 1951: correct spelling original herein.

californicus, ***Amphianthus* Carlgren, 1936**

Described from x12.

Type specimens: USNM 43061: 4 syntypes, USA, California, Monterey Bay; USNM 43063: 10 syntypes, USA, California, Monterey Bay

Synonymy: *Amphianthus californicus* Carlgren, 1936 [Ref. 289], p. 20–22 (original description).

californicus, ***Nemanthus* Carlgren, 1940**

Described from "several specimens" ("No. 36171").

Type specimens: NRS 4066: 2 syntypes, Mexico, Gulf of California, Arena Bank (Eastern Pacific Expeditions - New York Zoological Society (Templeton Crocker) sta. 136 D-1)

Synonymy: *Nemanthus californicus* Carlgren, 1940 [Ref. 297], p. 212, 213, 215–217 (original description).

californicus, ***Sagartiogeton* (Carlgren, 1940)**

Synonymy: *Actinothoe californica* Carlgren, 1940 [Ref. 297], p. 217–219 (original description).

Sagartiogeton californicus (Carlgren 1940c): Carlgren, 1949 [Ref. 31], p. 106.

Sagartiogeton californica (Carlgren, 1940): Kostina, 1988 [Ref. 506], p. 19.

Actinothoe californica Carlgren, 1940: Kostina, 1988 [Ref. 506], p. 19.

callianthus, *Edwardsia* Rawlinson, 1935

Valid name: ***Edwardsia timida* de Quatrefages, 1842**

Described from x50+.

Type specimens: syntypes *not found*: UK, Wales, Menai Straits, Church Island

callicyclus, ***Phelliactis* Riemann-Zürneck, 1973**

Described from x4.

Type specimens: ZMH C7541: holotype, 37°56'S, 54°44'W (*Walther Herwig* 1970/71 sta. 121)

Synonymy: *Phelliactis callicyclus* Riemann-Zürneck, 1973 [Ref. 426], p. 273, 295, 296, 304, 305, 313–319, 323 (original description).

Phelliactis calycyclus [*sic*] [no author]: Doumenc, 1975 [Ref. 48], p. 180–181.

callimorphus, ***Scolanthus* Gosse, 1853**

Type species of *Scolanthus* by monotypy.

Described from x1.

Type specimen: holotype *not found*: UK, England, Weymouth Bay

Synonymy: [*non*] *Edwardsia Beautempsii* de Quatrefages, 1842 [Ref. 193], p. 69–70 (original description).

[*non*] *Edwardsia timida* de Quatrefages, 1842 [Ref. 193], p. 70–71 (original description).

Scolanthus callimorphus Gosse, 1853 [Ref. 92], p. 157–159 (original description).

Edwardsia callimorpha [no author]: Gosse, 1855 [Ref. 95], p. 271.

Edwardsia Beautempsii (Quatref.): Gosse, 1860 [Ref. 356], p. 262.

Halcampa claparedii Panceri, 1869 [Ref. 649], p. 6–9 (original description).

Edwardsia Claparedii Panceri: Andres, 1880 [Ref. 1316], p. 221, 224–236.

Edwardsia Claparedii ornata [no author]: Andres, 1881 [Ref. 4], p. 334.

Edwardsia Claparedii ornata [no author]: Andres, 1881 [Ref. 3], p. 128.

Edwardsia janthina Andres, 1881 [Ref. 4], p. 334, 339 (original description).

Edwardsia lucifuga Fischer, 1888 [Ref. 543], p. 22–23 (original description).

Edwardsia claparedii (Panc.): Haddon, 1889 [Ref. 362], p. 332.

Edwardsia beautempsii Quatrefages: Haddon, 1889 [Ref. 362], p. 327–328, 331, 332.

Edwardsia timida Quatrefages: Walton & Rees, 1913 [Ref. 266], p. 60–61.

Isoedwardsia mediterranea Carlgren, 1921 [Ref. 196], p. 56. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 12.1.

Isoedwardsia lucifuga (Fischer 1888): Carlgren, 1949 [Ref. 31], p. 24.

Alfredus lucifugus (Fischer, 1888): Schmidt, 1979 [Ref. 227], p. 212–219.

***callosa*, *Actinostola* (Verrill, 1882)**

Synonymy: *Urticina callosa* Verrill, 1882 [Ref. 466], p. 224 (original description).

Actinostola callosa Verrill: Verrill, 1883 [Ref. 467], p. 57–58.

Bunodes abyssorum Danielssen, 1890 [Ref. 321], p. 39–42 (original description).

[*non*] *Actinostola callosa* Verrill: McMurrich, 1893 [Ref. 386], p. 167–170, 172, 196, 205–207, 209.

Actinostola sibirica Carlgren, 1901 [Ref. 604], p. 481–482 (original description).

Actinostola atrostoma Stephenson, 1918 [Ref. 442], p. 118–123 (original description).

Catadiomene atrostoma Stephenson, 1918: Stephenson, 1920 [Ref. 449], p. 558.

Actinostola spetsbergensis Carlgr.: Carlgren, 1921 [Ref. 196], p. 222–226.

Actinostola groenlandica Carlgr.: Carlgren, 1921 [Ref. 196], p. 230–232.

Actinostola abyssorum (Dan.) Carlgr.: Carlgren, 1921 [Ref. 196], p. 229–230.

Actinostella [*sic*] *callosa* (Verrill, 1882): Jarms & Tiemann, 2004 [Ref. 1874], p. 15–17.

callosa, *Urticina* Verrill, 1882

Type species of *Actinostola* by original designation.

Valid name: ***Actinostola callosa* (Verrill, 1882)**

Described from unspecified number.

Type specimens: MCZ 43257: 4 syntypes, USA, Massachusetts, south of George's Bank and off Martha's Vineyard (U.S. Fish Commission Steamer *Blake* 1880 sta. 310); MCZ 43220: 1 syntype, USA, NE end of Georges Bank (U.S. Fish Commission Steamer *Blake* 1880 sta. 303); YPM 9295: 1 syntype, USA, Massachusetts, Martha's Vineyard (U.S. Fish Commission Steamer *Fish Hawk* 1881 sta. 951); YPM 9297: 3 syntypes, USA, Massachusetts, south of Martha's Vineyard (U.S. Fish Commission Steamer *Fish Hawk* 1880 sta. 880); YPM 9296: 8 syntypes, USA, Massachusetts, Martha's Vineyard, S of Block Island (U.S. Fish Commission Steamer *Fish Hawk* 1881 sta. 997); YPM 9283: 2 syntypes, USA, NE end of Georges Bank (U.S. Fish Commission Steamer *Blake* 1880 sta. 303); YPM 9280: 4 syntypes, USA, Massachusetts, south of Martha's Vineyard (U.S. Fish Commission Steamer *Fish Hawk* 1880 sta. 880); YPM 9280: 4 syntypes, USA, Massachusetts, Martha's Vineyard (U.S. Fish Commission Steamer *Fish Hawk* 1880 sta. 879); YPM 9294: 20 syntypes, USA, Massachusetts, Martha's Vineyard, S of Block Island (U.S. Fish Commission Steamer *Fish Hawk* 1881 sta. 998); syntypes *not found*: Canada, off Nova Scotia

calyx, *Glyphostylum* Roule, 1909

Type species of *Glyphostylum* by monotypy.

Valid name: ***Glyphoperidium bursa* Roule, 1909**

Described from x1.

Type specimen: MNHN 2390: holotype, Antarctica, Booth-Wandell Island

cancrisocia, *Isadamsia* Carlgren, 1928

Type species of *Isadamsia* by monotypy.

Valid name: ***Stylobates cancrisocia* (Carlgren, 1928)**

Described from x4.

Type specimens: MNB 6957: 3 syntypes, East Africa, Tanzania, Pemba Canal (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 246)

***cancrisocia*, *Stylobates* (Carlgren, 1928)**

Synonymy: *Isadamsia cancrisocia* Carlgren, 1928 [Ref. 198], p. 167–169 [45–47] (original description).

Stylobates cancrisocia [no author]: Dunn, Devaney, & Roth, 1981 [Ref. 341], p. 379–387.

***candida*, *Actinia* Müller, 1776**

Type species of *Ectacmaea* by subsequent designation (den Hartog, 1980).

Senior homonym to junior primary homonym of Gosse (1853). Resolved by Gosse (1858) creating replacement name (International Code of Zoological Nomenclature Article 60) *Sagartia sphyrodeta* for junior homonym, as Gosse explained in 1860.

Described from unspecified number.

Type specimens: syntypes *not found*: Denmark

Synonymy: *Actinia candida* Müller, 1776 [Ref. 167], p. 231 (original description). *nomen dubium* according to den Hartog, 1980 [Ref. 378], p. 12.

[*non*] *Actinia candida* Gosse, 1853 [Ref. 1241], p. 432, 435 (original description).

Paratis [*sic*] *candida* Müll.: Andres, 1883 [Ref. 6170], p. 476–477.

candida, *Actinia* Gosse, 1853

Valid name ***Actinothoe sphyrodeta* (Gosse, 1858)**

Junior primary homonym to senior homonym of Müller (1776). Resolved by Gosse (1858) creating replacement name (International Code of Zoological Nomenclature Article 60) *Sagartia sphyrodeta* for junior homonym, as Gosse explained in 1860.

Described from unspecified number.

Type specimens: syntypes *not found*: UK, England, Devon, Ilfacombe, Capstone

***cangicum*, *Bunodosoma* Belém & Preslercravo, 1973**

Described from unspecified number.

Type specimens: syntypes *not found*: Brazil, Espírito Santo, Aracruz, Santa Cruz; syntypes *not found*: Brazil, Guanabara, Ilha do Governador, Praia do Zumbi; syntypes *not found*: Brazil, Rio de Janeiro, Cabo Frio, Armação de Búzios; syntypes *not found*: Brazil, São Paulo, São Sebastião; syntypes *not found*: Brazil, Rio de Janeiro, Cabo Frio

Synonymy: *Bunodosoma cangicum* Corrêa, 1964 [Ref. 312], p. 49, 50, 67–72, 73, 86. *nomen nudum*: name unavailable under International Code of Zoological Nomenclature Article 8.

Bunodosoma cangicum Belém & Preslercravo, 1973 [Ref. 5618], p. 4–6 (original description).

***canum*, *Metridium* Stuckey, 1914**

Described from numerous specimens.

Type specimens: syntypes *not found*: New Zealand, Kermadec Islands, Sunday Island, Coral Bay

Synonymy: *Metridium canum* Stuckey, 1914 [Ref. 246], p. 134 (original description).

[*non*] *Metridium canum* Stuckey, 1914: Parry, 1951 [Ref. 181], p. 89, 90.

***capense*, *Bunodosoma* (Lesson, 1830)**

Synonymy: *Actinia capensis* Lesson, 1830 [Ref. 123], p. 76 (original description).

Actinia clematis Drayton in Dana, 1846 [Ref. 318], p. 130–131 (original description).
Actinia florida Drayton in Dana, 1846 [Ref. 318], p. 131–132 (original description).
Phymactis capensis [no author]: Milne Edwards, 1857 [Ref. 508], p. 274.
Phymactis florida [no author]: Milne Edwards, 1857 [Ref. 508], p. 274.
Phymactis clematis [no author]: Milne Edwards, 1857 [Ref. 508], p. 275.
Eucladactis grandis Ver.: Verrill, 1899 [Ref. 470], p. 49–50.
Bunodosoma capensis (Less.): Carlgren, 1928 [Ref. 198], p. 169–172 [47–50].
Bunodosoma capense (Lesson, 1830): correct spelling original herein.

capensis, *Actinia* Lesson, 1830

Valid name: ***Bunodosoma capense* (Lesson, 1830)**

Described from unspecified number, drawn by M. le docteur Garnot.

Type specimens: syntypes *not found*: South Africa, Cape of Good Hope

***capensis*, *Actinostola* (Carlgren, 1928)**

Synonymy: *Paractinostola capensis* Carlgren, 1928 [Ref. 198], p. 184–187 [62–65] (original description).

Actinostola capensis (Carlgren, 1928): Riemann-Zürneck, 1978 [Ref. 430], p. 66, 76–78, 80, 81, 82.

***capensis*, *Amphianthus* Carlgren, 1928**

Described from x2 *ex* two localities.

Type specimens: MNB 7218: 1 syntype, Indian Ocean, Saint Paul Island (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 165); MZL *no number*: 6 microscope slides of syntype, Indian Ocean, Saint Paul Island (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 165); MZL *no number*: 6 microscope slides of syntype, South Africa, Agulhas Bank (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 104); 1 syntype *not found*: South Africa, Agulhas Bank (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 104)

Synonymy: *Amphianthus capensis* Carlgren, 1928 [Ref. 198], p. 222–225 [100–103] (original description).

***capensis*, *Anthosactis* Carlgren, 1938**

Described from x1.

Type specimen: UCMNH *no number*: holotype, South Africa

Synonymy: *Anthosactis capensis* Carlgren, 1938 [Ref. 283], p. 62–63 (original description).

capensis, *Bolocera* Carlgren, 1928

Valid name: ***Bolocera kerguelensis* Studer, 1879**

Described from x5.

Type specimens: MNB 7274: 4 syntypes, 33°43.6'S, 18°4.2'E (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 93); NRS 3994: 1 syntype, 33°43.6'S, 18°4.2'E (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 93)

***capensis*, *Edwardsia* Carlgren, 1938**

Described from x1.

Type specimen: NRS 82: holotype, South Africa, mouth of False Bay

Synonymy: *Edwardsia capensis* Carlgren, 1938 [Ref. 283], p. 19–20 (original description).

***capensis*, *Halcampa* Carlgren, 1938**

Junior primary homonym to senior homonym of Verrill (1865). Appeal needed to International Commission on Zoological Nomenclature.

Described from x1.

Type specimen: NRS 4033: holotype, South Africa, mouth of False Bay

Synonymy: [*non*] *Halocampa* [*sic*] *capensis* Verrill, 1865 [Ref. 457], p. 151 (original description). senior homonym

[*non*] *Halcampa capensis* Verr.: Andres, 1883 [Ref. 6170], p. 318.

Halcampa capensis Carlgren, 1938 [Ref. 283], p. 22–24 (original description). junior primary homonym

***capensis, Halcurias* Carlgren, 1928**

Described from x3 *ex* two localities.

Type specimens: MNB 7180: 1 syntype, South Africa, Agulhas Bank (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 104); NRS 4023: 1 syntype, South Africa, Agulhas Bank (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 106b)

Synonymy: *Halcurias capensis* Carlgren, 1928 [Ref. 198], p. 132–134 [10–12] (original description).

capensis, Halocampa Verrill, 1865

Senior homonym to junior primary homonym of Carlgren (1938). Replaced by an available synonym (International Code of Zoological Nomenclature Article 23.3.5).

Valid name: ***Haloclava capensis* (Verrill, 1865)**

Described from unspecified number.

Type specimens: syntypes *not found*: South Africa, Cape of Good Hope

***capensis, Haloclava* (Verrill, 1865)**

Synonymy: *Halocampa [sic] capensis* Verrill, 1865 [Ref. 457], p. 151 (original description). senior homonym

Halocampa [sic] Capensis Verrill: Verrill, 1868 [Ref. 460], p. 319 [5].

Halcampa capensis Verr.: Andres, 1883 [Ref. 6170], p. 318.

Haloclava Capensis Ver.: Verrill, 1899 [Ref. 470], p. 41.

Eloactis Capensis [no author]: Verrill, 1899 [Ref. 470], p. 42.

Haloclava capensis (Verr.): Carlgren, 1938 [Ref. 283], p. 21–22.

[*non*] *Halcampa capensis* Carlgren, 1938 [Ref. 283], p. 22–24 (original description). junior primary homonym

***capensis, Isanthus* Carlgren, 1938**

Type species of *Isanthus* by monotypy.

Described from more than x4 specimens.

Type specimens: NRS 4036: 3 syntypes, South Africa, Cape Peninsula, Oudekraal [Oude Kraal]; NRS 4037: 7 syntypes, South Africa, Cape Peninsula, Kommetje; NRS 4038: 1 syntype, South Africa, Table Bay, Melk Bosch [Melkbosch]; NRS 4039: 14 syntypes, South Africa, Cape Peninsula, Kommetje

Synonymy: *Isanthus capensis* Carlgren, 1938 [Ref. 283], p. 59–61 (original description).

capensis, Paractinostola Carlgren, 1928

Valid name: ***Actinostola capensis* (Carlgren, 1928)**

Described from x4 *ex* two localities.

Type specimens: MNB 7201: 1 syntype, South Africa, near Cape Town (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 92); MNB 7181: 2 syntypes, South Africa (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 103); NRS 3992: 1 syntype, South Africa, near Cape Town (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 92)

***capensis, Phelliactis* Carlgren, 1938**

Described from x1.

Type specimen: MZL 307: holotype, South Africa, Cape Point NE 3/4 N, 39 miles

Synonymy: *Phelliactis capensis* Carlgren, 1938 [Ref. 283], p. 83 (original description).

***capensis, Sagartia* Pax, 1922**

Described from unspecified number.

Type specimens: MNB 7170: 4 pieces of syntype, South Africa, False Bay, Simons Bay; MNB 7186: 3 pieces of syntype, South Africa, False Bay, Simons Bay

Synonymy: *Sagartia capensis* Pax, 1922 [Ref. 413], p. 89 (original description).

***capillata, Actinia* Gay, 1854**

Described from unspecified number >1.

Type specimens: syntypes *not found*: Chile, Chiloé Island, west coast; syntypes *not found*: Chile, Chiloé Island, San Carlos

Synonymy: *Actinia capillata* Gay, 1854 [Ref. 5981], p. 451 (original description).

***capitata*, *Aulactinia* Agassiz in Verrill, 1864**

Type species of *Aulactinia* by monotypy.

Described from unspecified number.

Type specimens: MCZ 1243: 4 syntypes, USA, South Carolina, Charleston; MCZ 1238: 5 syntypes, USA, South Carolina, Charleston; MCZ 1237: 23 syntypes, USA, South Carolina, Charleston; MCZ 1242: 1 syntype, USA, South Carolina, Charleston

Synonymy: *Aulactinia capitata* Agassiz in Verrill, 1864 [Ref. 456], p. 57–58 (original description).

Bunodactis capitata (Verrill 1864): Carlgren, 1949 [Ref. 31], p. 65.

***capitata*, *Epiphellia* (Wilsmore, 1911)**

Synonymy: *Phellia capitata* Wilsmore, 1911 [Ref. 268], p. 50–54 (original description).

Epiphellia capitata (Wilsmore 1911): Carlgren, 1949 [Ref. 31], p. 90.

capitata, *Phellia* Wilsmore, 1911

Valid name: ***Epiphellia capitata* (Wilsmore, 1911)**

Described from x1 (male).

Type specimen: holotype *not found*: Australia, New South Wales, Broken Bay, beach opposite Creel Bay

***capricornis*, *Phelliactis* Riemann-Zürneck, 1973**

Described from holotype, x2 paratypes.

Type specimens: ZMH C7547: holotype, 25°13'S, 44°33'W (*Walther Herwig* sta. 85); ZMH C7544: 1 paratype, Brazil (*Walther Herwig* sta. 97); 1 paratype *not found*: Brazil (*Walther Herwig* sta. 97)

Synonymy: *Phelliactis capricornis* Riemann-Zürneck, 1973 [Ref. 426], p. 273, 295, 302–308, 323 (original description).

carciniopados, *Actinia* Otto, 1823

Valid name: ***Adamsia palliata* (Fabricius, 1779)**

Described from x22.

Type specimens: syntypes *not found*: Italy, Gulf of Naples

***carcinophila*, *Anthothoe* (Verrill, 1869)**

Described from unspecified number (inferred x1).

Type specimen: holotype *not found*: Panama, Golfo de Panama [Gulf of Panama, Bay of Panama]

Synonymy: *Sagartia carcinophila* Verrill, 1869 [Ref. 458], p. 484 (original description).

Anthothoe carcinophila (Verrill, 1869): Ates, 1997 [Ref. 1914], p. 13.

Sagartia carcinophilus [*sic*] Verrill: Pei, 1998 [Ref. 765], p. 168, 230.

***careyi*, *Sicyonis* Eash-Loucks & Fautin, 2012**

Described from holotype, x8 paratypes.

Type specimens: SBMNH 422541: holotype, North Pacific Ocean (45.31° N, 126.53° W); CAS 003349: 3 paratypes, North Pacific Ocean (45.31° N, 126.53° W); CAS 184530: 1 paratype, North Pacific Ocean (44.63° N, 125.67° W); RBCM 010-00572-001: 1 paratype, North Pacific Ocean (44.63° N, 125.67° W); USNM 1149363: 1 paratype, North Pacific Ocean (44.63° N, 125.67° W); SBMNH 149660: 2 paratypes, North Pacific Ocean (44.63° N, 125.67° W)

Synonymy: *Sicyonis careyi* Eash-Loucks & Fautin, 2012 [Ref. 6202], p. 3, 4, 6, 26–31, 48, 49, 63–64 (original description).

***cari*, *Actinia* Delle Chiaje, 1822**

Described from unspecified number.

Type specimens: syntypes *not found*: Italy, Gulf of Naples

Synonymy: *Actinia Cari* Delle Chiaje, 1822 [Ref. 1511], p. XVII (original description).

Actinia concentrica Risso, 1826 [Ref. 739], p. 286 (original description).
Actinia cari [no author]: de Blainville, 1830 [Ref. 94], p. 292.
Actinia adspersa Gravenhorst, 1831 [Ref. 654], p. 121, 127–130, 139 (original description).
Actinia (Tristephanus) cari Delle Chiaje: Brandt, 1835 [Ref. 65], p. 11.
Actinia lineolata [no author]: Dana, 1849 [Ref. 709], p. 3.
Actinia graminea [no author]: Dana, 1849 [Ref. 709], p. 3.
Paractis lineolata [no author]: Milne Edwards, 1857 [Ref. 508], p. 248–249.
Actinia virgata Johnson, 1861 [Ref. 118], p. 301–302 (original description).
Actinia Cari concentrica [no author]: Andres, 1881 [Ref. 4], p. 312, 337.
Actinia Cari radiata [no author]: Andres, 1881 [Ref. 4], p. 312.
Actinia equina cari (D. Ch.): Pax, 1907 [Ref. 402], p. 54–55.

***caribaeus, Amphianthus* (Verrill, 1899)**

Synonymy: *Raphactis Caribaea* Verrill, 1899 [Ref. 471], p. 146 (original description).

Amphianthus Caribea (Verrill 1899): Carlgren, 1949 [Ref. 31], p. 99.

Amphianthus caribaeus (Verrill, 1899): correct spelling original herein.

caribaea, Raphactis Verrill, 1899

Valid name: ***Amphianthus caribaeus* (Verrill, 1899)**

Verrill (1899) [Ref. 472] stated this to be new species but had been illustrated in a publication the preceding month:

Verrill (1899) [Ref. 471].

Described from unspecified number (inferred x1).

Type specimen: YPM 9692: holotype, Caribbean Sea, West Indies

***carlgreni, Actinostola* Wassilieff, 1908**

Described from x1.

Type specimen: ZSM 158: holotype, Japan, Honshu, Sagami Bay, Okinosebank

Synonymy: *Actinostola carlgreni* Wassilieff, 1908 [Ref. 478], p. 28–31 (original description).

Catadiomene carlgreni Wassilieff, 1908: Stephenson, 1920 [Ref. 449], p. 558.

Actinostola calgreni [no author]: Zamponi, 1984 [Ref. 5777], p. 117.

***carlgreni, Actinothoe* (Haddon & Duerden, 1896)**

Synonymy: *Sagartia Carlgreni* Haddon & Duerden, 1896 [Ref. 368], p. 140, 161–162 (original description).

Actinothoë Carlgreni (Haddon and Duerden 1896): Carlgren, 1949 [Ref. 31], p. 103.

carlgreni, Antheopsis Lager, 1911

Valid name: ***Entacmaea quadricolor* (Leuckart in Rüppell & Leuckart, 1828)**

Described from x2.

Type specimens: MNB 5446: 1 syntype, Australia, Western Australia, Sharks Bay, Surf Point [detail from specimen label] (Hamburger südwest-australischen Forschungsreise 1905 sta. 25); ZMH C5322: 1 syntype, Australia, Western Australia, Sharks Bay, Surf Point [detail from specimen label] (Hamburger südwest-australischen Forschungsreise 1905 sta. 25)

***carlgreni, Edwardsia* Williams, 1981**

Type specimens of a *nomen novum* are those of the species whose name is replaced (International Code of Zoological Nomenclature Article 72.7).

Synonymy: [*non*] *Edwardsia pallida* Verrill, 1880 [Ref. 464], p. 198–199 (original description). senior homonym

Edwardsia clavata pallida Carlgren, 1893 [Ref. 145], p. 14–17, 148 (original description). junior primary homonym

Edwardsia pallida [no author]: Carlgren, 1921 [Ref. 196], p. 35–37.

Edwardsia carlgreni Williams, 1981 [Ref. 491], p. 325, 341, 347, 350, 351. (original description as *nomen novum*).

Comment: Replacement name (International Code of Zoological Nomenclature Article 60) for junior primary homonym

Edwardsia clavata pallida Carlgren, 1893.

***carlgreni*, *Halcurias* McMurrich, 1901**

Described from unspecified number.

Type specimens: EEU 705d: 1 syntype, Korea, Korea [Corea] Strait; EEU 705a: 1 syntype, China Sea; EEU 705b: 1 syntype, Japan, Hirudo Strait; EEU 705c: 1 syntype, Japan, Hirudo Strait; NRS 4908: 1 syntype, China Sea; NRS 1200: 1 syntype, China Sea

Synonymy: [*pro parte*] *Endocoelactis* sp.: Carlgren, 1897 [Ref. 589], p. 169.

Halcurias Carlgreni McMurrich, 1901 [Ref. 390], p. 159 (original description).

Halcurias carlgreni M'Murrich: Carlgren, 1914 [Ref. 157], p. 69.

***carlgreni*, *Isactinia* Lager, 1911**

Described from x8 *ex* two localities.

Type specimens: MNB 5438: 2 syntypes, Australia, Western Australia, Sharks Bay, Denham (Hamburger südwest-australischen Forschungsreise 1905 sta. 5); NRS 4268: 2 syntypes, Australia, Western Australia, Sharks Bay, Denham (Hamburger südwest-australischen Forschungsreise 1905 sta. 5); WAM Z885: 1 syntype, Australia, Western Australia, Sharks Bay, Denham (Hamburger südwest-australischen Forschungsreise 1905 sta. 5); ZMH C5333: 2 syntypes, Australia, Western Australia, Sharks Bay, Denham (Hamburger südwest-australischen Forschungsreise 1905 sta. 5); ZMH C5339: 1 syntype, Australia, Western Australia, Cossack

Synonymy: *Isactinia Carlgreni* Lager, 1911 [Ref. 127], p. 226–228 (original description).

***carlgreni*, *Phelliactis* Doumenc, 1975**

Described from x3.

Type specimens: syntypes *not found*: 38°56'N, 27°41'W (Biaçores sta. 77)

Synonymy: *Phelliactis carlgreni* Doumenc, 1975 [Ref. 48], p. 177–180, 199 (original description).

carlgreni, *Sagartia* Haddon & Duerden, 1896

Valid name: *Actinothoe carlgreni* (Haddon & Duerden, 1896)

Described from x2.

Type specimens: MZL *no number*: 10 microscope slides of syntypes, Australia, Victoria, Port Phillip

***carlgreni*, *Sagartiomorpha* Kwietniewski, 1898**

Type species of *Sagartiomorpha* by monotypy.

Described from x3.

Type specimens: NRS 4867: piece of syntype, Australia, Queensland, Torres Strait, Thursday Island; PMJ 62: 2 syntypes, Australia, Queensland, Torres Strait, Thursday Island

Synonymy: *Sagartiomorpha carlgreni* Kwietniewski, 1898 [Ref. 125], p. 388, 396–398 (original description).

Sargartiomorpha [*sic*] *carlgreni* [no author]: Kwietniewski, 1898 [Ref. 125], p. 387.

Sagartiomorpha Carlgreni Kwietniewski, 1898: Stephenson, 1920 [Ref. 449], p. 538.

Sagartiomorpha calgreni [*sic*] Kwietniewski, 1897: Zamponi, 1985 [Ref. 275], p. 73.

***carlgreni*, *Telmatactis* Doumenc, Chintiroglou, & Foubert, 1989**

Described from x1.

Type specimen: MNHN 1252A: holotype, New Caledonia [Nouvelle-Calédonie], Nouméa (HZ 63 sta. 310)

Synonymy: *Telmatactis carlgreni* Doumenc, Chintiroglou, & Foubert, 1989 [Ref. 51], p. 22–23, 24, 26–29, 30, 35–38 (original description).

carlgreni, *Urticina* Clubb, 1902

Valid name: *Aulactinia sulcata* (Clubb, 1902)

Described from many specimens.

Type specimens: BMNH 1902.8.15.11-20: 24 syntypes, Antarctica, South Victoria Land, Cape Adare; BMNH 1902.8.15.21: 1 syntype, Antarctica, South Victoria Land, Cape Adare; BMNH 1902.8.15.24: 1 syntype, Antarctica, South Victoria Land, Cape Adare; RSM 1902.68.18: 3 syntypes, Antarctica, South Victoria Land, Cape Adare

carnea, *Aiptasia* Andres, 1881

Valid name: ***Aiptasia mutabilis* (Gravenhorst, 1831)**

Described from x1.

Type specimen: holotype *not found*: Mediterranean, west coast of Italy

carnea, *Edwardsia* Gosse, 1856

Type species of ***Edwardsiella*** by subsequent designation (Manuel, 1981).

Valid name: ***Edwardsiella carnea* (Gosse, 1856)**

Described from x1.

Type specimen: holotype *not found*: UK, England, Devon, Torquay

***carnea*, *Edwardsiella* (Gosse, 1856)**

Synonymy: *Edwardsia Sarsii* Dueben & Koren, 1847 [Ref. 717], p. 267 (original description).

Edwardsia carnea Gosse, 1856 [Ref. 631], p. 219–221 (original description).

Halcampa microps Gosse, 1858 [Ref. 97], p. 195–196 (original description).

Edwardsia microps Gosse: Andres, 1880 [Ref. 1316], p. 232.

Edwardsiella carnea Gos.: Andres, 1883 [Ref. 6170], p. 307

Milne-Edwardsia carnea (Gosse): Carlgren, 1892 [Ref. 550], p. 456–461.

Fagesia carnea (Gosse): Delphy, 1938 [Ref. 658], p. 620.

Milne [sic] carnea Gosse: Collings, 1938 [Ref. 1351], p. 25.

Favesia [sic] carnea (Gosse): Carlgren, 1940 [Ref. 281], p. 7, 24, 25.

***carnea*, *Peachia* Hutton, 1880**

Described from x1.

Type specimen: holotype *not found*: New Zealand, South Island, Dunedin, Ocean Beach

Synonymy: *Peachia carnea* Hutton, 1880 [Ref. 761], p. 275–276 (original description).

carneola, *Actinia* Stimpson, 1853

Valid name: ***Stomphia coccinea* (Müller, 1776)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: Canada, New Brunswick, Grand Manan, Hake Ground

carneola, *Edwardsiella* Verrill, 1928

Valid name: ***Telmatactis humilis* (Verrill, 1928)**

Described from unspecified number.

Type specimens: AMNH 1482: holotype, USA, Hawaiian Islands, Kauai, Nawiliwili Bay; BPBM D110: 2 paratypes, USA, Hawaiian Islands, Kauai, Nawiliwili Bay

***castanea*, *Hormathia* (McMurrich, 1904)**

Synonymy: *Chitonanthus castaneus* McMurrich, 1904 [Ref. 391], p. 282–284 (original description).

Hormathia castanea McMurrich, 1904: Stephenson, 1920 [Ref. 449], p. 535.

castanea, *Phellia* Bourne, 1918

Valid name: ***Telmatactis castanea* (Bourne, 1918)**

Described from x1 (male).

Type specimen: holotype *not found*: Papua New Guinea, New Britain, Rakaiya

***castanea*, *Telmatactis* (Bourne, 1918)**

Synonymy: *Phellia castanea* Bourne, 1918 [Ref. 25], p. 35–48 (original description).

Telmatactis castanea (Bourne 1918): Carlgren, 1949 [Ref. 31], p. 90.

castaneus, *Chitonanthus* McMurrich, 1904

Valid name: ***Hormathia castanea* (McMurrich, 1904)**

Described from x12 from one locality (lot 105).

Type specimens: MNB 4214: 6 syntypes, Pacific Ocean, Juan Fernández Island (Plate Expedition)

***catalinensis*, *Sagartia* McPeak, 1968**

Described from holotype, paratypes *ex* four localities.

Type specimens: SBMNH 134: holotype, USA, California, Los Angeles County, Channel Islands, Santa Catalina Island [Isla Santa Catalina], Bird Rock; SBMNH 134: 6 paratypes, USA, California, Los Angeles County, Channel Islands, Santa Catalina Island [Isla Santa Catalina], Bird Rock; SBMNH 134: 3 paratypes, USA, California, Los Angeles County, Channel Islands, Santa Catalina Island [Isla Santa Catalina], Bird Rock

Synonymy: *Sagartia catalinensis* McPeak, 1968 [Ref. 134], p. 182–195 (original description).

Sagartia calalinensis [*sic*] McPeak, 1968: Pei, 1998 [Ref. 765], p. 168.

cavernata, *Actinia* Bosc, 1802

Valid name: ***Bunodosoma cavernatum* (Bosc, 1802)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: Federated States of Micronesia, Caroline Islands

***cavernatum*, *Bunodosoma* (Bosc, 1802)**

Synonymy: *Actinia cavernata* Bosc, 1802 [Ref. 636], p. 221–222 (original description).

Actinia (*Monostephanus*) *cavernata* Bosc: Brandt, 1835 [Ref. 65], p. 10.

Urticina cavernata Bosc.: Duchassaing, 1850 [Ref. 70], p. 9.

Bunodes cavernata Verrill: Verrill, 1864 [Ref. 455], p. 17–18.

Phymactis cavernata Bosc: Andres, 1883 [Ref. 6170], p. 448.

Bunodosoma cavernata (Bosc, 1801): Verrill, 1899 [Ref. 470], p. 45.

Anthopleura cavernata [no author]: Cary, 1906 [Ref. 4961], p. 51.

Bunodosma [*sic*] *cavernata* [no author]: Daly, 2003 [Ref. 1877], p. 92.

cerasum, *Actinia* Dalyell, 1848

Valid name: ***Actinia equina* (Linnaeus, 1758)**

Described from many individuals.

Type specimens: syntypes *not found*: UK, Scotland, Firth of Forth, Blackness Castle

cereus, *Actinia* Ellis & Solander, 1786

Type species of *Anthea* by monotypy, contrary to Fautin *et al.* (2007), who recognized no type species for the genus.

Valid name: ***Anemonia sulcata* (Pennant, 1777)**

Described from unspecified number.

Type specimens: syntypes *not found*: UK, England, Cornwall

***cereus*, *Anemonia* Contarini, 1844**

Described from unspecified number.

Type specimens: syntypes *not found*: Mediterranean Sea, Adriatic Sea; syntypes *not found*: Italy, Naples; syntypes *not found*: Mediterranean Sea

Synonymy: *Anemonia cereus* Contarini, 1844 [Ref. 707], p. 169–182 (original description).

chamaeleon, *Actinia* Grube, 1840

Valid name: ***Telmatactis forskalii* (Hemprich & Ehrenberg in Ehrenberg, 1834)**

Described from unspecified number *ex* two localities - from fishermen.

Type specimens: MNB 151: 1+ syntypes, Italy, Sicily, Palermo; MPUW 490: 3 syntypes, Italy, Sicily, Palermo; NRS 5618: 1 syntype, Italy, Sicily, Palermo; syntypes *not found*: Italy, Naples

***chessi*, *Alvinactis* Zelnio, Rodríguez, & Daly, 2009**

Described from holotype, x1 paratype.

Type specimens: USNM 1114484: holotype, Fiji, Lau Basin (TowCam, MGLNO7MV sta. J2-240); USNM 1114485: 1 paratype, Fiji, Lau Basin (TowCam, MGLNO7MV sta. J2-240)

Synonymy: *Alvinactis chessi* Zelnio, Rodríguez, & Daly, 2009 [Ref. 6100], p. 552, 554, 556, 557, 569 (original description).

***cheungae*, *Spheractis* England, 1992**

Type species of *Spheractis* by original designation.

Described from holotype, x1 paratype.

Type specimens: BMNH 1992.7.9.16: holotype, China, Hong Kong, Cape d' Aguilar; BMNH 1992.7.9.17: 1 paratype, China, Hong Kong, Cape d' Aguilar

Synonymy: *Spheractis cheungae* England, 1992 [Ref. 73], p. 49, 76–78 (original description).

***chilense*, *Cactosoma* (McMurrich, 1904)**

Synonymy: *Halianthus chilensis* McMurrich, 1904 [Ref. 391], p. 223–225 (original description).

Thoe chilensis (Lesson): Carlgren, 1927 [Ref. 210], p. 75–77.

Cactosoma chilensis (Mc Murrich 1904): Carlgren, 1949 [Ref. 31], p. 34.

Cactosoma chilense (McMurrich 1904): correct spelling original herein.

***chilense*, *Octineon* Carlgren, 1959**

Described from "numerous specimens" ex two localities.

Type specimens: NRS 3977: holotype, Chile, Golfo de Ancud, SE of Punta Tres Cruces, NE of Punta Piedras (Lund University Chile Expedition 1948–49 sta. M 104); MNHO B1083: 1 paratype, Chile, Seno Reloncaví, N of Isla Quellín (Lund University Chile Expedition 1948–49 sta. M 40); MZL L949/3602: 4 or 5 paratypes, Chile, Seno Reloncaví, N of Isla Quellín (Lund University Chile Expedition 1948–49 sta. M 40); NRS 3977: ~70 paratypes, Chile, Golfo de Ancud, SE of Punta Tres Cruces, NE of Punta Piedras (Lund University Chile Expedition 1948–49 sta. M 104); NRS 5577: 25+ paratypes, Chile, Seno Reloncaví, N of Isla Quellín (Lund University Chile Expedition 1948–49 sta. M 40)

Synonymy: *Octineon chilense* Carlgren, 1959 [Ref. 309], p. 15–16 (original description).

***chilensis*, *Actinauge* Carlgren, 1959**

Described from x1.

Type specimen: NRS 4078: holotype, Chile, Seno Reloncaví, N of Isla Quellín (Lund University Chile Expedition 1948–49 sta. M 40)

Synonymy: *Actinauge chilensis* Carlgren, 1959 [Ref. 309], p. 30–31 (original description).

chilensis, *Actinia* Lesson, 1830

Valid name: ***Anthothoe chilensis* (Lesson, 1830)**

Described from unspecified number.

Type specimens: syntypes *not found*: Chile, Concepción, Bay of Talcahuano; syntypes *not found*: Chile, Isla de Quiriquina

***chilensis*, *Actinostola* McMurrich, 1904**

Described from x1.

Type specimen: MNB 4204: holotype, Chile, Los Lagos, Calbuco (Plate Expedition)

Synonymy: *Actinostola callosa* Verrill: McMurrich, 1893 [Ref. 386], p. 167–170, 172, 196, 205–207, 209.

Actinostola intermedia Carlgren, 1899 [Ref. 148], p. 31–33 (original description).

Actinostola chilensis McMurrich, 1904 [Ref. 391], p. 247–250 (original description).

[*non*] *Actinostola chilensis* [no author]: Clubb, 1908 [Ref. 35], p. 4–5.

Actinostola Chilensis McMurrich, 1904: Stephenson, 1920 [Ref. 449], p. 557.

[*non*] *Catadiomene intermedia* Carlgren, 1899: Stephenson, 1920 [Ref. 449], p. 558.

[*non*] *Actinostola clubbi* Carlgren, 1927 [Ref. 210], p. 66–68 (original description).

[*non*] *Actinostola intermedia* Carlgren 1899: Carlgren, 1949 [Ref. 31], p. 78.

***chilensis*, *Anthothoe* (Lesson, 1830)**

Synonymy: *Actinia chilensis* Lesson, 1830 [Ref. 123], p. 76 (original description).

Actinia (Diplostephanus) chilensis Less.: Brandt, 1835 [Ref. 65], p. 11.
=? *Actinia primula* Drayton in Dana, 1846 [Ref. 318], p. 134–135 (original description).
=? *Actinia nymphæa* Drayton in Dana, 1846 [Ref. 318], p. 146–147 (original description).
Dysactis chilensis [no author]: Milne Edwards, 1857 [Ref. 508], p. 262.
Nemactis Chilensis Verrill: Verrill, 1869 [Ref. 458], p. 488–489.
Cereus Stimpsonii Verrill, 1869 [Ref. 461] (1870), p. 53–54 [19–20] (original description).
Sagartia chilensis Less.: Andres, 1883 [Ref. 6170], p. 384–385.
Thoe chilensis (Lesson): Carlgren, 1927 [Ref. 210], p. 75–77.
Parathoe Stimpsonii (Verr.): Carlgren, 1928 [Ref. 198], p. 233–236 [111–114].
Anthothoë stimpsoni [sic] (Verr.): Carlgren, 1938 [Ref. 283], p. 86–89.
Actinothoë chilensis (Lesson 1830): Carlgren, 1949 [Ref. 31], p. 103.
Anthothoë chilensis (Lesson): Carlgren, 1959 [Ref. 309], p. 32–33.
Anthothoe chilensis (Lesson), 1830: Carter Verdeilhan, 1965 [Ref. 27], p. 136–138, 152.
Antholoba [sic] *chilensis* [no author]: Zamponi, 2000 [Ref. 5711], p. 43.

chilensis, *Halianthus* McMurrich, 1904

Valid name: ***Cactosoma chilense* (McMurrich, 1904)**

Described from x1.

Type specimen: MNB 4224: holotype, Chile, Los Lagos, Calbuco (Plate Expedition)

chilensis, *Isoulactis* Carlgren, 1959

Type species of *Isoulactis* by monotypy.

Valid name: ***Oulactis concinnata* (Drayton in Dana, 1846)**

Described from x5 *ex* two localities.

Type specimens: NRS 3021: holotype, Chile, Iquique, southern part of the town (Lund University Chile Expedition 1948–49 sta. M 131); MZL L949/3594: 1 paratype, Chile, Iquique, southern part of the town (Lund University Chile Expedition 1948–49 sta. M 131); NRS 5565: 1 paratype, Chile, Iquique, southern part of the town (Lund University Chile Expedition 1948–49 sta. M 131); 1 paratype *not found*: Chile, Golfo de Arauco, Bahía de Lota, small promontories SE of Punta Fuerte Viejo (Lund University Chile Expedition 1948–49 sta. M 122)

chilensis, *Peachia* Carlgren, 1931

Described from "zahlreiche Exemplare" from a medusa in MNB (where none was found) and x10 *ex* "Moliendo" in ZMH (where none was found).

Type specimens: MZL 332: 117 syntypes, Chile, Valparaiso; NRS 63: 2 syntypes, Chile, Moliendo; NRS 5576: 6 syntypes, Chile, Valparaiso

Synonymy: *Peachia chilensis* Carlgren, 1931 [Ref. 287], p. 37–38 (original description).

Peachia chiliensis [sic] Carlgren, 1931: Panikkar, 1938 [Ref. 175], p. 191.

chilkaea, *Mena* (Annandale, 1915)

Synonymy: *Phytocoetes chilkaeus* Annandale, 1915 [Ref. 6], p. 69, 75–76, 82–84, 86 (original description).

Mena chilkaea (Annandale): Carlgren, 1925 [Ref. 204], p. 9–11.

Phytocoetes chlikaea [sic] Annandale 1915: Panikkar, 1937 [Ref. 179], p. 397.

chilkaeus, *Phytocoetes* Annandale, 1915

Type species of *Mena* by monotypy.

Valid name: ***Mena chilkaea* (Annandale, 1915)**

Described from unspecified number.

Type specimens: IM 6803/7: unspecified number of syntypes, India, Bengal, Chilka Lake, Rambha Bay

chinense, *Chermadion* Pax, 1924

Type species of *Chermadion* by monotypy.

Described from x1.

Type specimen: NNM 3848: holotype, Japan

Synonymy: *Chermadion chinense* Pax, 1924 [Ref. 415], p. 12 (original description).

Comment: Not identified as a new species in original publication.

chinensis, *Anthopleura* unavailable

Proposed by England (1992) [Ref. 73] provisionally after 1960 (International Code of Zoological Nomenclature Article 15.1).

***chinensis*, *Haloclava* Carlgren, 1931**

Described from x1.

Type specimen: NRS 4030: holotype, China, Jangtzekiang, Swatau; MZL *no number*: 2 microscope slides of holotype, China, Jangtzekiang, Swatau

Synonymy: *Halcampella minuta* Wassilieff, 1908 [Ref. 478], p. 7–8 (original description).

Haloclava chinensis Carlgren, 1931 [Ref. 287], p. 34–35 (original description).

chiococca, *Actinia* W.P. Cocks in Johnston, 1847

Valid name: ***Actinia equina* (Linnaeus, 1758)**

Described from numerous individuals.

Type specimens: syntypes *not found*: UK, England, Cornwall, Falmouth; syntypes *not found*: UK, England, Cornwall, St. Ives; syntypes *not found*: UK, England, Cornwall, Penzance (Pennance); syntypes *not found*: UK, England, Cornwall, Newland (Island); syntypes *not found*: UK, England, Cornwall, Mousehole; syntypes *not found*: UK, England, Cornwall, Marizion [Marazion]; syntypes *not found*: UK, England, Cornwall, St. Michael's Mount; syntypes *not found*: UK, England, Cornwall, rocks midway between Penzance and St. Michael's Mount

***chlorodactyla*, *Actinia* Mertens in Brandt, 1835**

Described from unspecified number.

Type specimens: syntypes *not found*: Japan, Ogasawara Islands [Bonin Islands] Islands

Synonymy: *Actinia (Diplostephanus) chlorodactyla* Brandt, 1835 [Ref. 65], p. 10 (original description).

Actinia chlorodactyla [no author]: Andres, 1883 [Ref. 6170], p. 594. *species delendae*

chloropsis, *Ilyanthus* Agassiz in Verrill, 1864

Valid name: ***Mesacmaea chloropsis* (Agassiz in Verrill, 1864)**

Described from x1.

Type specimen: holotype *not found* "in the collection of the Museum of Comparative Zoölogy," the repository specified in description: USA, South Carolina, Charleston

***chloropsis*, *Mesacmaea* (Agassiz in Verrill, 1864)**

Synonymy: *Ilyanthus chloropsis* Agassiz in Verrill, 1864 [Ref. 455], p. 27 (original description).

Mesacmaea chloropsis (Verrill, 1864–1866): Sebens, 1998 [Ref. 453], p. 50.

chlorospilota, *Cribrina* Brandt, 1835

Valid name: ***Urticina chlorospilota* (Brandt, 1835)** new combination

Described from unspecified number.

Type specimens: syntypes *not found*: Japan, Ogasawara Islands [Bonin Islands] Islands

***chlorospilota*, *Urticina* (Brandt, 1835)** new combination

Synonymy: *Cribrina chlorospilota* Brandt, 1835 [Ref. 65], p. 16 (original description).

Cribrina chlorospilota [no author]: Andres, 1883 [Ref. 6170], p. 594. *species delendae*

Urticina chlorospilota (Brandt, 1835): new combination herein.

chromatodera, *Entacmaea* Schmarda, 1852

Type species of *Paranthus* by monotypy.

Valid names used: ***Anemonia crystallina* (Hemprich & Ehrenberg in Ehrenberg, 1834); *Paranthus chromatoderus* (Schmarda, 1852); *Telmatactis forskalii* (Hemprich & Ehrenberg in Ehrenberg, 1834)**

Described from unspecified number.

Type specimens: MZL *no number*: 2 microscope slides of syntype, Mediterranean Sea, Adriatic Sea, Lissa harbor

***chromatoderus, Paranthus* (Schmarda, 1852)**

Synonymy: =? *Actinia crystallina* Hemprich & Ehrenberg in Ehrenberg, 1834 [Ref. 58], p. 257 (original description).

Entacmaea chromatodera Schmarda, 1852 [Ref. 618], p. 129–130 (original description).

Actinia chromatodera [no author]: Heller, 1868 [Ref. 662], p. 19–20.

Paractis rugosa Andres, 1881 [Ref. 4], p. 307, 314, 341 (original description).

Paranthus chromatoderus Schm.: Andres, 1883 [Ref. 6170], p. 472–473.

=? *Anemonia crystallina* Ehr.: Andres, 1883 [Ref. 6170], p. 412.

Paranthus rugosus (Andres): Fischer, 1889 [Ref. 81], p. 252, 254, 265–268.

chrysanthellum, Actinia C. W. Peach in Johnston, 1847

Type species of *Halcampa* by monotypy.

Valid name: ***Halcampa chrysanthellum* (Peach in Johnston, 1847)**

Described from unspecified number.

Type specimens: syntypes *not found*: UK, England, Cornwall, Fowey harbor; syntypes *not found*: UK, England, Cornwall

***chrysanthellum, Halcampa* (Peach in Johnston, 1847)**

Synonymy: *Actinia chrysanthellum* C. W. Peach in Johnston, 1847 [Ref. 694], p. 220–221 (original description).

Actinea [sic] *chrysanthellum* Peach: Cocks, 1850 [Ref. 6093], p. 94.

Edwardsia duodecimcirrata Sars, 1851 [Ref. 644], p. 142 (original description).

Actinia Chrysanthellum C. W. Peach: Landsborough, 1852 [Ref. 383], p. 247.

Peachia chrysanthellum [no author]: Gosse, 1855 [Ref. 95], p. 271.

Halcampa chrysanthellum (Peach): Gosse, 1858 [Ref. 96], p. 418.

Peachia Fultoni Wright, 1860 [Ref. 6017], p. 156–157 (original description).

Xanthiopus bilateralis Keferstein, 1862 [Ref. 721], p. 32–35 (original description).

Xanthiopus vittatus Keferstein, 1862 [Ref. 721], p. 33–35 (original description).

[*non*] *Edwardsia farinacea* Verrill, 1869 [Ref. 554], p. 162–163 (original description).

Halcampa fultoni (T.S.W.): Leslie & Herdman, 1881 [Ref. 1532], p. 63.

Halcampa Kefersteini Andres, 1883 [Ref. 6170], p. 314 (original description as *nomen novum*).

Philomedusa Fultonii [sic] Wright: Andres, 1883 [Ref. 6170], p. 326.

Halcampa farinacea Verr.: Andres, 1883 [Ref. 6170], p. 314–315.

Halcampa andresii Haddon, 1885 [Ref. 365], p. 396–397 (original description).

Halcampa arenacea [sic] Haddon, 1886 [Ref. 781], p. 602, 616 (original description).

Halcampa arenarea Haddon: Haddon, 1889 [Ref. 362], p. 335–337, 339, 342, 352.

Halcampa arenaria Haddon: Walton & Rees, 1913 [Ref. 266], p. 66–68.

Halcampa duodecimcirrata (Sars): Verrill, 1922 [Ref. 477], p. 120–122.

Halcampella chrysanthellum [no author]: Badham, 1917 [Ref. 619 4], p. 226.

Halcampa chrysanthellum (Peach in Johnston 1847): Carlgren, 1949 [Ref. 31], p. 34.

***chrysobathys, Aulactinia* (Parry, 1951) new combination**

Synonymy: *Bunodactis chrysobathys* Parry, 1951 [Ref. 181], p. 84, 88, 91, 107, 115–117 (original description).

Aulactinia chrysobathys (Parry, 1951): new combination herein.

chrysobathys, Bunodactis Parry, 1951

Valid name: ***Aulactinia chrysobathys* (Parry, 1951) new combination**

Described from unspecified number >1.

Type specimens: syntypes *not found*: New Zealand, South Island, Governor's Bay, off entrance to Lyttelton Harbour; syntypes *not found*: New Zealand, South Island, off Akaroa Harbour; syntypes *not found*: New Zealand, South Island, off Port Chalmers

chryso splenium, Actinia W.P. Cocks in Johnston, 1847

Type species of *Chrysoela* by monotypy.

Valid name: ***Diadumene lineata* (Verrill, 1869)**

Described from numerous individuals.

Type specimens: syntypes *not found*: UK, England, Cornwall, St. Ives

***chubutensis*, *Anemonia* Zamponi & Acuña, 1992**

Described from x1.

Type specimen: MLP 8511: holotype, Argentina, Chubut Province, Puerto Madryn

Synonymy: *Anemonia chubutensis* Zamponi & Acuña, 1992 [Ref. 277], p. 42–43, 45 (original description).

churchiae, *Stomphia* Gosse, 1859

Type species of *Stomphia* by monotypy.

Valid name: ***Stomphia coccinea* (Müller, 1776)**

Described from many specimens. Varieties *Lychnucha*, *Incensa*, and *Extincta*.

Type specimens: syntypes *not found*: UK, Scotland

***cichoracea*, *Phyllactis* Milne-Edwards in Haeckel, 1876**

Described from unspecified number.

Type specimens: syntypes *not found*: Egypt, Red Sea [Mer Rouge], Tor [Tur, El-Tur, El Tûr]

Synonymy: *Phyllactis cichoracea* Milne-Edwards in Haeckel, 1876 [Ref. 104], Pl. I fig. 3 (original description).

Phyllactis cichoracea [no author]: Klunzinger, 1877 [Ref. 121], p. 85.

Actinostella cichoracea M. Edwards in [*sic*] Haeckel, 1876: Häussermann, 2003 [Ref. 1881], p. 179.

***cinclidifera*, *Euphelia* Pax, 1908**

Type species of *Euphelia* by monotypy.

Described from numerous individuals.

Type specimens: syntypes *not found*: Atlantic Ocean, Canary Islands, Tenerife

Synonymy: *Euphelia cinclidifera* Pax, 1908 [Ref. 403], p. 475–476 [273–274], 497 [295], 499 [297] (original description).

***cincta*, *Diadumene* Stephenson, 1925**

Type species of *Farsonia* by monotypy.

Described from unspecified number.

Type specimens: syntypes *not found*: UK, England, Devon, Plymouth, Breakwater and Pier

Synonymy: =? *Actinia diaphana* Rapp, 1829 [Ref. 423], p. 57–58 (original description).

=? *Adamsia diaphana* [no author]: Milne Edwards, 1857 [Ref. 508], p. 282.

Sagartia erythrochila Fischer, 1874 [Ref. 78], p. 220–222, 237–239 (original description).

Aiptasia erythrochila Fisch.: Andres, 1883 [Ref. 6170], p. 386.

Diadumene cincta Stephenson, 1925 [Ref. 444], p. 880–890 (original description).

Farsonia cincta T. A. Stephenson: Pax, 1936 [Ref. 6190], p. 104, 105, 106–107.

Solenactinia erythrochila Fischer: Delphy, 1939 [Ref. 5959], p. 479, 480, 482.

Diadunema cincta [*sic*] [no author]: Östman, 2000 [Ref. 6192], p. 32, 37.

***cincta*, *Oulactis* (Stuckey, 1909)**

Synonymy: =? *Metridium muscosum* Drayton in Dana, 1846 [Ref. 318], p. 153–154 (original description).

Tealidium cinctum Stuckey, 1909 [Ref. 244], p. 389–390 (original description).

Oulactis cinctum (Stuckey 1909): Carlgren, 1949 [Ref. 31], p. 52.

Oulactis cincta (Stuckey, 1909): correct spelling original herein.

cincta, *Viatrix* Haddon & Shackleton, 1893

Valid name: ***Triactis producta* Klunzinger, 1877**

Described from unspecified number.

Type specimens: syntypes *not found*: Australia, Queensland, Torres Strait, Mabuiag

cinctum, *Tealidium* Stuckey, 1909

Valid names used: *Oulactis cincta* (Stuckey, 1909); *Oulactis magna* (Stuckey, 1909); *Oulactis muscosa* (Drayton in Dana, 1846)

Described from unspecified number.

Type specimens: syntypes *not found*: New Zealand, North Island, Wellington, Island Bay

***cinerea*, *Actinia* Gay, 1854**

Described from unspecified number.

Type specimens: syntypes *not found*: Chile, Chiloé Island, San Carlos

Synonymy: *Actinia cinerea* Gay, 1854 [Ref. 5981], p. 452 (original description).

cinerea, *Anemonia* Contarini, 1844

Type species of *Paranemonia* by monotypy.

Valid name: ***Paranemonia cinerea* (Contarini, 1844)**

Described from unspecified number.

Type specimens: syntypes *not found*: Italy, Venice

***cinerea*, *Paranemonia* (Contarini, 1844)**

Synonymy: *Anemonia cinerea* Contarini, 1844 [Ref. 707], p. 183–190 (original description).

Anthea cinerea Contarini: Sars, 1857 [Ref. 772], p. 35.

Actinia Contarinii [no author]: Heller, 1868 [Ref. 662], p. 18.

Anemonia Contarini Hell.: Andres, 1883 [Ref. 6170], p. 409–410.

Anemonia sulcata Penn.: Graeffe, 1884 [Ref. 1356], p. 338.

Paranemonia cinerea (Cont.): Pax, 1907 [Ref. 402], p. 11, 37–41.

Gyrostoma cinerea Cont.: Stephenson, 1922 [Ref. 451], p. 268.

***cingulatum*, *Tealidium* Hertwig, 1882**

Type species of *Tealidium* by monotypy.

Described from x1.

Type specimen: BMNH 1889.11.25.12: holotype, 50°1'S, 123°4'E (*Challenger* Expedition 1873–1876 sta. 158)

Synonymy: *Tealidium cingulatum*: Hertwig, 1882 [Ref. 379], p. 43, 45–46, 116 (original description).

citrina, *Anemonia* Haddon & Shackleton, 1893

Type species of *Isactinia* by subsequent designation (Carlgren, 1947). Type species of *Telactinia* by original designation.

Valid name: ***Isactinia citrina* (Haddon & Shackleton, 1893)**

Described from unspecified number.

Type specimens: MZL *no number*: 2 microscope slides of syntype, Australia, Queensland, Torres Strait, Mabuiag, seaward side of a mangrove swamp; MZC I.33430: 15? syntypes, Australia, Queensland, Torres Strait, Mabuiag, seaward side of a mangrove swamp

***citrina*, *Isactinia* (Haddon & Shackleton, 1893)**

Synonymy: *Anemonia citrina* Haddon & Shackleton, 1893 [Ref. 364], p. 117, 125 (original description).

Actinia citrina (H. & S.): Haddon, 1898 [Ref. 363], p. 398, 416–418.

Isactinia citrina (Hadd. & Shackl.): Carlgren, 1900 [Ref. 195], p. 33 [53].

Isactinia ignota Carlgren, 1949 [Ref. 31], p. 56. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 13.1.1.

Isactinia lobata Carlgren, 1949 [Ref. 31], p. 56. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 13.1.1.

Isactinia ignota Carlgren, 1950 [Ref. 311], p. 427, 434–436 (original description).

Isactinia lobata Carlgren, 1950 [Ref. 311], p. 427, 436–437 (original description).

Telactinia citrina (Haddon & Shackleton, 1893): England, 1987 [Ref. 63], p. 206, 208, 210, 265, 269–272.

claparedii, *ornata*, *Edwardsia* Andres, 1880

Valid name: ***Edwardsia claparedii* (Panceri, 1869)**

Described from unspecified number.

Type specimens: syntypes *not found*: Italy, Naples

***claparedii*, *Edwardsia* (Panceri, 1869)**

Synonymy: [*non*] *Scolanthus callimorphus* Gosse, 1853 [Ref. 92], p. 157–159 (original description).

Halcampa claparedii Panceri, 1869 [Ref. 649], p. 6–9 (original description).

Urophysalus Grubii Costa, 1869 [Ref. 5866], p. 56–57 (original description). *nomen dubium* according to Williams, 1981 [Ref. 491], p. 348.

Edwardsia Claparedii Panceri: Andres, 1880 [Ref. 1316], p. 221, 224–236.

Edwardsia Claparedii ornata Andres, 1880 [Ref. 1316], p. 225 (original description).

Edwardsia Claparedii carnea [no author]: Andres, 1880 [Ref. 1316], p. 225.

Edwardsia Claparèdii carnea [no author]: Andres, 1881 [Ref. 4], p. 333.

Edwardsia janthina Andres, 1881 [Ref. 4], p. 334, 339 (original description).

Edwardsia Claparèdii [no author]: Andres, 1881 [Ref. 4], p. 307, 308, 333–334, 339.

[*non*] *Edwardsia Grubii* Andres, 1883 [Ref. 6170], p. 310 (original description).

Edwardsia Claparedi [*sic*] Panceri: Graeffe, 1884 [Ref. 1356], p. 335.

Edwardsia claparedii [no author]: Dixon, 1886 [Ref. 683], p. 105.

Edwardsia timida Quatrefages: Walton & Rees, 1913 [Ref. 266], p. 60–61.

Edwardsia claparedi [*sic*] Panceri, 1869: Walton & Rees, 1913 [Ref. 266], p. 61–65.

Edwardsia callimorpha (Gosse): Carlgren & Stephenson, 1928 [Ref. 571], p. 6–8.

Edwardsa [*sic*] *callimorpha* Gosse: Collings, 1938 [Ref. 1351], p. 26.

Edwardsia claperedii [*sic*] Panceri, 1869: England, 1987 [Ref. 63], p. 221.

Edwardsia claparedii (Panceri, 1869): Cinar, Katagan, Öztürk, Egemen, Ergen, Kocatas, Önen, Kirkim, Bakir, Kurt, Dagli, Kaymakci, Acik, Dogan, and Özcan, 2006 [Ref. 6008], p. 232.

claparedii, *Halcampa* Panceri, 1869

Valid names used: ***Edwardsia claparedii* (Panceri, 1869); *Scolanthus callimorphus* Gosse, 1853**

Described from unspecified number.

Type specimens: syntypes *not found*: Italy, Pausilypum

clavata, *Actinia* Ilmoni, 1830

Senior homonym to junior primary homonym of Rathke (1843). Resolved: both Ilmoni and Rathke names replaced by available synonyms (International Code of Zoological Nomenclature Article 23.3.5).

Actinia clavata named as type species of *Cyrtactis* by Thompson (1858) but he did not specify sense in which he used the name

Valid name: ***Sagartiogeton undatus* (Müller, 1778)**

Described from unspecified number.

Type specimens: syntypes *not found*: Mediterranean Sea, Adriatic Sea, near Trieste [Tergestum]

clavata, *Actinia* Rathke, 1843

Junior secondary homonym to senior homonym of Ilmoni (1830). Replaced by an available synonym (International Code of Zoological Nomenclature Article 23.3.5) (as was Ilmoni name also).

Actinia clavata named as type species of *Cyrtactis* by Thompson (1858) but he did not specify sense in which he used the name

Valid names used: ***Edwardsia clavata* (Rathke, 1843); *Edwardsia tuberculata* Dueben & Koren, 1847**

Described from unspecified number.

Type specimens: syntypes *not found*: Norway, Molde

clavata rosea, *Actinia* Gosse, 1853

Valid name: ***Anthopleura ballii* (Cocks, 1851)**

Described from unspecified number.

Type specimens: syntypes *not found*: UK, England, Weymouth

clavata, *Anemonia* (Milne Edwards, 1857) new combination

Synonymy: *Ceratactis clavata* Milne Edwards, 1857 [Ref. 508], p. 238 (original description).

Anemonia Milne-Edwardsii Andres, 1883 [Ref. 6170], p. 410 (original description as *nomen novum*).

Anemonia clavata (Milne Edwards, 1857): new combination herein.

clavata, *Ceratactis* Milne Edwards, 1857

Valid name: *Anemonia clavata* (Milne Edwards, 1857)

Described from unspecified number.

Type specimens: syntypes *not found*: India, Maharashtra, Bombay [Mumbai]

clavata, *Edwardsia* (Rathke, 1843)

Junior secondary homonym to senior homonym of Stimpson (1856) but not regarded as such by Williams (1981).

Stimpson species moved to another genus (so junior homonym considered valid).

Synonymy: [*non*] *Actinia clavata* Ilmoni, 1830 [Ref. 661], p. 694–699 (original description). senior homonym

Actinia clavata Rathke, 1843 [Ref. 620], p. 147–148 (original description). junior primary homonym

Edwardsia tuberculata Dueben & Koren, 1847 [Ref. 717], p. 267 (original description).

[*non*] *Edwardsia clavata* Stimpson, 1856 [Ref. 239], p. 376 (original description). senior homonym

Edwardsia clavata H. Rathke: Danielssen, 1861 [Ref. 797], p. 45. junior secondary homonym

Edwardsia clavata (Rathke, 1843): Williams (1981) [Ref. 491], p. 348. *nomen dubium*

clavata, *Edwardsia* Stimpson, 1856

Valid name: *Telmatactis clavata* (Stimpson, 1856)

Senior homonym to junior secondary homonym of Rathke (1843), but not regarded as such by Williams (1981).

Stimpson species moved to another genus (so junior homonym considered valid).

Described from unspecified number.

Type specimens: syntypes *not found*: Sweden, Bohuslän, Väderöarne

clavata longicornis, *Edwardsia* Carlgren, 1893

Valid name: *Edwardsia longicornis* Carlgren, 1921

Described from many specimens from Sweden, Norway, and Denmark.

Type specimens: NRS 5586: 1 syntype, Sweden, Bohuslän, Väderöarne; NRS 5685: 1 syntype, Sweden, Kattegat, Bohuslän; NRS 5684: 4 syntypes, Sweden, Skagerrak, N. Gasofjord; NRS 450: 1 syntype, Sweden, Bolthålan; NRS 447: 1 syntype, Sweden, Kristineberg, Zoological Station

clavata pallida, *Edwardsia* Carlgren, 1893

Junior secondary homonym to senior homonym of Verrill (1880) (Carlgren raised to species level in 1921). Resolved by

Williams (1981) creating replacement name (International Code of Zoological Nomenclature Article 60)

Edwardsia carlgreni for Carlgren species (Verrill species also moved to another genus).

Valid name: *Edwardsia carlgreni* Williams, 1981

Described from many specimens.

Type specimens: NRS 4337: 5 syntypes, Sweden, Bohuslän, Väderöarne; NRS 5588: 1 syntype, Sweden, Bohuslän, Väderöarne (Gunhild Expedition 1878)

clavata, *Paraactis* Duchassaing & Michelotti, 1860

Valid name: *Telmatactis cricoides* (Duchassaing, 1850)

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, Virgin Islands, St. Thomas

Comment: *Phellia Americana* Verrill, 1868, a *nomen novum* for this species.

clavata, *Telmatactis* (Stimpson, 1856)

Synonymy: [*non*] *Actinia clavata* Ilmoni, 1830 [Ref. 661], p. 694–699 (original description). senior homonym

[*non*] *Actinia clavata* Rathke, 1843 [Ref. 620], p. 147–148 (original description). primary junior homonym

Edwardsia clavata Stimpson, 1856 [Ref. 239], p. 376 (original description). senior homonym. *nomen dubium* according to Williams, 1981 [Ref. 491], p. 348.
[*non*] *Paractis clavata* Duchassaing & Michelotti, 1860 [Ref. 323], p. 40 (original description).
[*non*] *Edwardsia clavata* H. Rathke: Danielssen, 1861 [Ref. 797], p. 45. junior secondary homonym
Phellia clavata Verrill: Verrill, 1865 [Ref. 726], p. 195. senior homonym
=? *Paraphellia inequalis* Verrill, 1868 [Ref. 460], p. 325–326 [11–12] (original description).
[*non*] *Phellia clavata* (Duch. and Mich.): Duerden, 1897 [Ref. 55], p. 459. junior secondary homonym
=? *Phellia decora* (Ehrenberg): Uchida, 1938 [Ref. 259], p. 623–627.
Telmatactis clavata (Stimpson 1855): Carlgren, 1949 [Ref. 31], p. 90.

clavigera, *Actinia* Drayton in Dana, 1846

Valid name: ***Actinodactylus clavigerum* (Drayton in Dana, 1846)** new combination

Described from unspecified number.

Type specimens: syntypes *not found*: French Polynesia, Tuamotu [Paumotu] Archipelago, Wilson's Island [Manihi Atoll] (United States Exploring Expedition ["Wilkes Expedition"])

***clavigerum*, *Actinodactylus* (Drayton in Dana, 1846)** new combination

Synonymy: *Actinia clavigera* Drayton in Dana, 1846 [Ref. 318], p. 135 (original description).

Corynactis clavigera [no author]: Milne Edwards, 1857 [Ref. 508], p. 259.

Stauractis clavigera Dana: Andres, 1883 [Ref. 6170], p. 470.

Actinodactylus clavigerum (Drayton in Dana, 1846): new combination herein.

clavus, *Actinia* Quoy & Gaimard, 1833

Type species of *Halcampomorpha* by original designation.

Valid name: ***Anemonactis clavus* (Quoy & Gaimard, 1833)**

Described from many.

Type specimens: syntypes *not found*: Australia, Bass Strait

***clavus*, *Anemonactis* (Quoy & Gaimard, 1833)**

Synonymy: *Actinia Clavus* Quoy & Gaimard, 1833 [Ref. 194], p. 150–151 (original description).

Iluanthos clavus [no author]: Milne Edwards, 1857 [Ref. 508], p. 284.

Halcampa clavus [no author]: Hertwig, 1882 [Ref. 379], p. 82–85, 116.

Philomedusa clavus Quoy & Gaim.: Andres, 1883 [Ref. 6170], p. 326.

Halcampoides clavus Q. and G.: Stephenson, 1922 [Ref. 451], p. 253.

Actinia clavus [no author]: Pax, 1926 [Ref. 404], p. 9.

Eloactis australis Carlgren, 1931 [Ref. 287], p. 35–37 (original description).

Peachia clava (Quoy and Gaimard 1833): Blackburn, 1948 [Ref. 21], p. 186–189.

Anemonactis clavus (Quoy and Gaimard 1833): Carlgren, 1949 [Ref. 31], p. 31.

Anemonactis australis (Carlgren 1931): Carlgren, 1949 [Ref. 31], p. 31.

clematis, *Actinia* Drayton in Dana, 1846

Type species of *Phymactis* by subsequent designation (Carlgren, 1949).

Valid names used: ***Bunodosoma capense* (Lesson, 1830); *Phymactis clematis* (Drayton in Dana, 1846); *Phymactis papillosa* (Lesson, 1830)**

Described from unspecified number >1.

Type specimens: MCZ 297: 1 syntype, Chile, Valparaiso (United States Exploring Expedition ["Wilkes Expedition"])

***clematis*, *Phymactis* (Drayton in Dana, 1846)**

Synonymy: *Actinia clematis* Drayton in Dana, 1846 [Ref. 318], p. 130–131 (original description).

Actinia florida Drayton in Dana, 1846 [Ref. 318], p. 131–132 (original description).

Actinia pluvia Drayton in Dana, 1846 [Ref. 318], p. 143–144 (original description).

Phymactis clematis [no author]: Milne Edwards, 1857 [Ref. 508], p. 275.

Phymactis florida [no author]: Milne Edwards, 1857 [Ref. 508], p. 274.

Eucladactis grandis Ver.: Verrill, 1899 [Ref. 470], p. 49–50.

[*non*] *Phymactis clematis* Drayton: Stephenson, 1918 [Ref. 448], p. 23–24.

cleopatrae, Actinia Hemprich & Ehrenberg in Ehrenberg, 1834

Described from unspecified number.

Type specimens: syntypes *not found*: Egypt, Mediterranean Sea, near Alexandria

Synonymy: *Actinia (Isacmaea) Cleopatrae* Hemprich & Ehrenberg in Ehrenberg, 1834 [Ref. 58], p. 258 (original description).

Actinia (isacmaea) Cleopatrae H. et Ehrenb.: Deshayes & Milne Edwards, 1840 [Ref. 68], p. 415.

Isacmaea Cleopatrae Ehrenberg: Milne Edwards, 1857 [Ref. 508], p. 288.

Actinia Cleopatrae [no author]: Andres, 1883 [Ref. 6170], p. 593. *species delendae*

clubbi, Actinostola Carlgren, 1927

Valid name: ***Actinostola crassicornis* (Hertwig, 1882)**

Described from x1 (identified by Clubb as *Actinostola chilensis*).

Type specimen: NRS 4009: holotype, Antarctica, North Victoria Land, Oates Land (National Antarctic (*Discovery*) Expedition)

coccinea, Actinia Müller, 1776

Valid name: ***Stomphia coccinea* (Müller, 1776)**

Described from unspecified number.

Type specimens: syntypes *not found*: Denmark

coccinea, Chondrodactis Stephenson, 1918

Valid name: ***Phelliactis coccinea* (Stephenson, 1918)**

Described from x1.

Type specimen: holotype *not found*: Atlantic Ocean, SW of Ireland (Irish Fisheries sta. S.R. 188)

***coccinea, Phelliactis* (Stephenson, 1918)**

Synonymy: *Chondrodactis coccinea* Stephenson, 1918 [Ref. 442], p. 136–139 (original description).

Phelliactis coccinea (Stephenson 1918a): Carlgren, 1949 [Ref. 31], p. 96.

***coccinea, Stomphia* (Müller, 1776)**

Synonymy: *Actinia coccinea*: Müller, 1776 [Ref. 167], p. 231 (original description).

Actinia carneola Stimpson, 1853 [Ref. 238], p. 7 (original description).

Actinia Nitida Dawson, 1858 [Ref. 617], p. 404–406 (original description).

Stomphia Churchiae Gosse, 1859 [Ref. 98], p. 48–49 (original description).

Rhodactinia Davisii Agassiz: Verrill, 1864 [Ref. 455], p. 18–20.

Actinia nitida Dawson, 1858: Verrill, 1864 [Ref. 455], p. 36.

Cylista coccinea Müll.: Andres, 1883 [Ref. 6170], p. 365.

Stomphia Churchiae Gos.: Andres, 1883 [Ref. 6170], p. 575, 577. *incertae sedis*

Actinia carneola [no author]: Andres, 1883 [Ref. 6170], p. 598. *species delendae*

Actinia nitida [no author]: Andres, 1883 [Ref. 6170], p. 599–600. *species delendae*

Sagartia repens Danielssen, 1890 [Ref. 321], p. 27–29 (original description).

Tealiopsis polaris Danielssen, 1890 [Ref. 321], p. 45–47 (original description).

Kylindrosactis elegans Danielssen, 1890 [Ref. 321], p. 4–8 (original description).

Stomphia churchiae Gosse.: Carlgren, 1893 [Ref. 145], p. 80–85, 148.

[*pro parte*] *Stomphia carneola* (Stimp.) Ver.: Verrill, 1899 [Ref. 472], p. 206–208.

Stomphia coccinea (O. F. Müll.) Carlgr.: Carlgren, 1902 [Ref. 154], p. 47, 48, 49, 53.

Stomphia churchiae [no author]: Herdman, 1918 [Ref. 569], p. 31.

Stomphia [sic] coccinea [no author]: Fishelson, 1970 [Ref. 815], p. 107.

coccinea, Tealia Verrill, 1867

Valid name: ***Urticina coccinea* (Verrill, 1867)** new combination

Described from unspecified number.

Type specimens: syntypes *not found*: Japan, Kagoshima Bay

***coccinea, Urticina* (Verrill, 1867) new combination**

Synonymy: *Tealia coccinea* Verrill, 1867 [Ref. 5915], p. 50 (original description).

Urticina coccinea (Verrill, 1867): new combination herein.

***coerulea, Actinecta* (Lesson, 1830) new combination**

Synonymy: *Holothuria coerulea* Lesson, 1830 [Ref. 123], p. 13–14 (original description).

Dactylominyas coerulea Less.: Andres, 1883 [Ref. 6170], p. 566.

Minyas coerulea Lesson 1830: Carlgren, 1949 [Ref. 31], p. 72.

Actinecta coerulea (Lesson, 1830): new combination herein.

coerulea, Actinia Quoy & Gaimard, 1833

Valid name: ***Phymanthus coeruleus* (Quoy & Gaimard, 1833)**

Described from unspecified number.

Type specimens: MNHN 2020: 2 syntypes, Solomon Islands, Santa Cruz Islands, Vanikoro

coerulea, Holothuria Lesson, 1830

Valid names used: ***Actinecta coerulea* (Lesson, 1830) new combination; *Actinecta ultramarina* (Péron & Le Sueur in Le Sueur, 1817)**

Described from unspecified number.

Type specimens: syntypes *not found*: South Africa, Cape of Good Hope

***coeruleus, Phymanthus* (Quoy & Gaimard, 1833)**

Synonymy: *Actinia azurea* Quoy et Gaimard: de Blainville, 1830 [Ref. 94], p. 293. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 12.1.

Actinia coerulea Quoy & Gaimard, 1833 [Ref. 194], p. 157–158 (original description).

Actinia coerulea Quoy et Gaim.: Deshayes & Milne Edwards, 1840 [Ref. 68], p. 422.

Echinactis coerulea [no author]: Milne Edwards, 1857 [Ref. 508], p. 277–278.

Echinactis coerulea Q. & Gaim.: Andres, 1883 [Ref. 6170], p. 492.

Phymanthus coeruleus Quoy et Gaim.: Pax, 1912 [Ref. 409], p. 312–313.

Phymanthus caeruleus Q. and G.: Stephenson, 1922 [Ref. 451], p. 290.

***coliumensis, Oulactis* (Riemann-Zürneck & Gallardo, 1990)**

Synonymy: *Saccactis coliumensis* Riemann-Zürneck & Gallardo, 1990 [Ref. 437], p. 446–456 (original description).

Oulactis coliumensis (Riemann-Zürneck & Gallardo, 1990): Häussermann, 2003 [Ref. 1881], p. 173–175, 180–181, 183, 187, 189, 191, 194–197, 199–201.

coliumensis, Saccactis Riemann-Zürneck & Gallardo, 1990

Valid name: ***Oulactis coliumensis* (Riemann-Zürneck & Gallardo, 1990)**

Described from holotype, x6 paratypes.

Type specimens: ZMH C11538: holotype, Chile, Bay of Coliumo (sta. 84-08M2); ZMH C11542: 3 paratypes, Chile, Bay of Coliumo (sta. 84-12M1); ZMH C11539: 1 paratype, Chile, Bay of Coliumo (sta. 84-01M1); ZMH C11540: 1 paratype, Chile, Bay of Coliumo (sta. 84-07M2); ZMH C11541: 1 paratype, Chile, Bay of Coliumo (sta. 84-16M2)

***collaris, Edwardsia* Stimpson, 1856**

Described from unspecified number.

Type specimens: syntypes *not found*: China

Synonymy: *Edwardsia collaris* Stimpson, 1856 [Ref. 239], p. 376 (original description). *nomen dubium* according to Williams, 1981 [Ref. 491], p. 348.

Phellia collaris Verrill: Verrill, 1865 [Ref. 457], p. 150.

Telmatactis collaris (Stimpson 1855): Carlgren, 1949 [Ref. 31], p. 90.

colorata, *Cribrina* Duchassaing, 1850

Valid name: *Nemactis colorata* (Duchassaing, 1850)

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, Antilles

***colorata*, *Nemactis* (Duchassaing, 1850)**

Synonymy: *Cribrina colorata* Duchassaing, 1850 [Ref. 70], p. 10 (original description).

Nemactis colorata [no author]: Milne Edwards, 1857 [Ref. 508], p. 283.

Uncertain genus *colorata* Duch.: Andres, 1883 [Ref. 6170], p. 583.

***columbiana*, *Urticina* Verrill, 1922**

Described from unspecified number.

Type specimens: syntypes *not found*: USA, Washington, Strait of Juan De Fuca, Port Townsend Bay; syntypes *not found*: USA, Washington, Puget Sound

Synonymy: *Urticina columbiana* Verrill, 1922 [Ref. 477], p. 107–109 (original description).

Tealia columbiana (Verrill 1922): Carlgren, 1949 [Ref. 31], p. 64.

Tealia columbina [*sic*] (Verrill): Loseva, 1972 [Ref. 1394], p. 36.

***comata*, *Megalactis* Ardelean & Fautin, 2004**

Synonymy: *Megalactis comatus* Ardelean & Fautin, 2004 [Ref. 4953], p. 488–489, 492, 494, 496–502 (original description).

Megalactis comata Ardelean & Fautin, 2004: correct spelling original herein.

comata, *Paractis* Andres, 1881

Type species of *Aiptasiogeton* by monotypy.

Valid names used: *Aiptasiogeton pellucidus* (Hollard, 1848); *Sagartiogeton laceratus* (Dalyell, 1848)

Described from unspecified number >1.

Type specimens: syntypes *not found*: Italy, Naples, towards Molo.

Comment: Varieties *crucifera* and *simplex* described with type specimens.

comatus, *Megalactis* Ardelean & Fautin, 2004

Valid name: *Megalactis comata* Ardelean & Fautin, 2004 for gender agreement

Described from holotype, x4 paratypes.

Type specimens: CAS 001663: holotype, Taiwan, Henchun Peninsula, Nanwan, power plant water intake basin; CAS 161680: 1 paratype, Taiwan, Henchun Peninsula, Nanwan, power plant water intake basin; NMNS 4158-001: 1 paratype, Taiwan, Henchun Peninsula, Nanwan, power plant water intake basin; NNM 32194: 1 paratype, Taiwan, Henchun Peninsula, Nanwan, power plant water intake basin; CAS 001665: 1 paratype, Taiwan, Henchun Peninsula, Nanwan, power plant water intake basin

***commensali*, *Neoaipiasia* Parulekar, 1969**

Type species of *Neoaipiasia* by original designation

Described from holotype, x5 paratypes.

Type specimens: ZSI *no number*: holotype, India, Maharashtra, Bombay [Mumbai], Chaupatty; ZSI *no number*: 4 or fewer paratypes, India, Maharashtra, Bombay [Mumbai], Chaupatty; ZSI *no number*: 4 or fewer paratypes, India, Maharashtra, Ratnagiri District, Padamgad, Malvan

Synonymy: *Neoaipiasia commensali* Parulekar, 1969 [Ref. 523], p. 57–62 (original description).

***commensalis*, *Englandactis* (Gravier, 1918) new combination**

Synonymy: *Sicyopus commensalis* Gravier, 1918 [Ref. 101], p. 21–23 (original description).

Kadosactis commensalis (Gravier 1918): Carlgren, 1949 [Ref. 31], p. 105.

Englandactis commensalis (Gravier 1918): new combination herein.

Comment: Does not belong in *Kadosactis* according to Riemann-Zürneck (1991) [Ref. 434].

commensalis, *Sicyopus* Gravier, 1918

Type species of *Sicyopus* by monotypy: type species of *Englandactis* by replacement.

Valid name: ***Englandactis commensalis* (Gravier, 1918)**

Described from x2.

Type specimens: MOM 13 0068: 2 (+1?) syntypes, North Atlantic Ocean (Prince Albert I of Monaco Campagne de 1902: *Princesse-Alice* et l'*Hirondelle* sta. 1306)

concentrica, *Actinia* Risso, 1826

Valid name: ***Actinia cari* Delle Chiaje, 1822**

Described from unspecified number.

Type specimens: syntypes *not found*: France, Mediterranean Sea, Nice

***conchicola*, *Calliactis* Parry, 1952**

Described from unspecified number >1.

Type specimens: syntypes *not found*: New Zealand, North Island, 50 miles east by north-east of Lyttelton Harbour

Synonymy: *Calliactis conchicola*: Parry, 1951 [Ref. 181], p. 89, 90. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 13.1.

Calliactis conchicola Parry, 1952 [Ref. 182], p. 127–129 (original description)

Calliactis conchiola [*sic*] Parry, 1952: Dawson, 1992 [Ref. 1261], p. 41.

concinata, *Antheopsis* Lager, 1911

Valid name: ***Heteractis malu* (Haddon & Shackleton, 1893)**

Described from unspecified number (inferred x1).

Type specimen: ZMH C5318: holotype, Australia, Western Australia, Sharks Bay, Useless Inlet, central channel (Hamburger südwest-australischen Forschungsreise 1905 sta. 19)

***concinata*, *Oulactis* (Drayton in Dana, 1846)**

Synonymy: *Metridium concinnatum* Drayton in Dana, 1846 [Ref. 318], p. 152–153 (original description).

Oulactis concinnata [no author]: Milne Edwards, 1857 [Ref. 508], p. 292.

[*non*] *Oulactis californica* McMurrich, 1893 [Ref. 386], p. 196–197, 198, 206 (original description).

[*non*] *Asteractis concinnata* Drayt.: Pax, 1912 [Ref. 408], p. 12–18, 25, 26.

Phyllactis concinnata Delle Chiaje: Stephenson, 1922 [Ref. 451], p. 283.

[*non*] *Phyllactis californica* McM.: Stephenson, 1922 [Ref. 451], p. 284.

[*non*] *Phyllactis concinnata* (Drayton): Carlgren, 1951 [Ref. 304], p. 424–425.

Isoulactis chilensis Carlgren, 1959 [Ref. 309], p. 20–22 (original description).

concinatum, *Metridium* Drayton in Dana, 1846

Valid name: ***Oulactis concinnata* (Drayton in Dana, 1846)**

Described from unspecified number.

Type specimens: syntypes *not found*: Peru, Callao, island of San Lorenzo (United States Exploring Expedition ["Wilkes Expedition"])

***conica*, *Aulactinia* (McMurrich, 1904) new combination**

Synonymy: *Cribrina conica* McMurrich, 1904 [Ref. 391], p. 284–287 (original description).

Bunodactis conica (McMurrich 1904): Carlgren, 1949 [Ref. 31], p. 66.

Aulactinia conica (McMurrich, 1904): new combination herein.

conica, *Cribrina* McMurrich, 1904

Valid name: ***Aulactinia conica* (McMurrich, 1904) new combination**

Described from x8.

Type specimens: MNB 4219: 5 syntypes, Pacific Ocean, Juan Fernández Island (Plate Expedition)

conquilega, *Oulactis* Duchassaing & Michelotti, 1860

Valid names used: ***Actinostella flosculifera* (Le Sueur, 1817); *Phyllactis conquilega* (Duchassaing & Michelotti, 1860)**

Described from x1.

Type specimen: NRS 1170: piece of holotype, Caribbean Sea, Virgin Islands, St. Thomas

Comment: Duchassaing & Michelotti (1860) stated on p. 46 that Pl. 7 figs. 7 and 11 illustrate *O. flosculifera*: on p. 89, fig. 11 labeled *O. flosculifera* but fig. 7 labeled *O. conquilega*, which is otherwise not discussed in publication: therefore species considered to have been described from x1, the specimen illustrated in fig. 7 the holotype (International Code of Zoological Nomenclature Article 74.4).

***conquilega*, *Phyllactis* (Duchassaing & Michelotti, 1860)**

Synonymy: *Oulactis flosculifera* [no author]: Milne Edwards, 1857 [Ref. 508], p. 292.

Oulactis conquilega Duchassaing & Michelotti, 1860 [Ref. 323], Pl. VII fig. 7 (original description).

Oulactis foliosa Andres, 1883 [Ref. 6170], p. 505 (original description as *nomen novum*).

Asteractis n. sp.: Duerden, 1897 [Ref. 55], p. 455.

Asteractis conquilega (Duch. and Mich.) Ver.: Verrill, 1899 [Ref. 470], p. 47.

Asteractis expansa Duerden: Duerden, 1902 [Ref. 57], p. 343–347, 366, 370.

Actinostella conchilega (Duch. Mich.): McMurrich, 1905 [Ref. 393], p. 4–8.

Asteractis conchilega Duch. et Mich.: Pax, 1910 [Ref. 407], p. 162, 163, 164, 165, 194–197.

Phyllactis conchilega D. and M.: Stephenson, 1922 [Ref. 451], p. 283.

Phyllactis conquilega (Duchassaing and Michelotti 1860): Carlgren, 1949 [Ref. 31], p. 67.

Phyllactis conquilegia (Duch. & Mich.): Voss, Bayer, Robins, Gomom, & LaRoe, 1969 [Ref. 5122], p. 63.

***consors*, *Paracalliactis* (Verrill, 1882)**

Synonymy: *Urticina consors* Verrill, 1882 [Ref. 466], p. 225 (original description).

Actinauge consors Verrill. 1882: Verrill, 1885 [Ref. 468], p. 534.

Adamsia involvens McMurrich, 1893 [Ref. 386], p. 182–183, 206–207 (original description).

Sagartia consors Verrill: Verrill, 1928 [Ref. 263], p. 16

Paracalliactis involvens (Mc Murrich 1893): Carlgren, 1949 [Ref. 31], p. 95.

Paracalliactis consors (Verrill, 1882): Daly, Ardelean, Cha, Campbell, & Fautin, 2004 [Ref. 4890], p. 385, 387, 392–395.

consors, *Urticina* Verrill, 1882

Valid name: ***Paracalliactis consors* (Verrill, 1882)**

Described from unspecified number.

Type specimens: USNM 22440: 1 syntype, USA, southern New England (U.S. Fish Commission Steamer *Fish Hawk* 1881 sta. 1029); USNM 22363: 2 syntypes, USA, Massachusetts, SSE Martha's Vineyard (U.S. Fish Commission Steamer *Fish Hawk* 1881 sta. 939); USNM 22502: 1 syntype, USA, Massachusetts, Martha's Vineyard (U.S. Fish Commission Steamer *Fish Hawk* 1882 sta. 1114); USNM 22445: 3 syntypes, USA, Massachusetts, SE of Martha's Vineyard (U.S. Fish Commission Steamer *Fish Hawk* 1882 sta. 1121); YPM 9412: 1 syntype, USA, Massachusetts, SSE Martha's Vineyard (U.S. Fish Commission Steamer *Fish Hawk* 1881 sta. 939); YPM 9415: 2 syntypes, USA, Massachusetts, off Martha's Vineyard, SSE of Nantucket Island (U.S. Fish Commission Steamer *Fish Hawk* 1881 sta. 938); syntypes *not found*: USA, southern New England

cookei, *Macranthea* Verrill, 1928

Valid name: ***Heteractis malu* (Haddon & Shackleton, 1893)**

Type species of *Macranthea* by monotypy.

Described from unspecified number: description refers to "type specimen" but there are multiple specimens in lot.

Type specimens: BPBM D106: 3 syntypes, USA, Hawaiian Islands, Oahu, Laie

coralligens, *Hoplophoria* Wilson, 1890

Type species of *Hoplophoria* by monotypy.

Valid names used: ***Lebrunia coralligens* (Wilson, 1890); *Lebrunia neglecta* Duchassaing & Michelotti, 1860**

Described from x1.

Type specimen: holotype *not found*: Bahamas, Abaco, No Name Key

***coralligens, Lebrunia* (Wilson, 1890)**

Synonymy: *Hoplophoria coralligens* Wilson, 1890 [Ref. 591], p. 379–386 (original description).

Lebrunea [sic] coralligens (H. V. Wilson): Duerden, 1897 [Ref. 55], p. 456–457.

Lebrunia coralligens Wilson: Stephenson, 1922 [Ref. 451], p. 288.

corallina, Actinia Risso, 1826

Valid name: ***Actinia equina* (Linnaeus, 1758)**

Described from unspecified number.

Type specimens: syntypes *not found*: France, Mediterranean Sea, Nice

coreopsis, Capnea Duchassaing & Michelotti, 1864

Valid name: ***Phellia coreopsis* (Duchassaing & Michelotti, 1864)**

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, Virgin Islands, St. Thomas

***coreopsis, Phellia* (Duchassaing & Michelotti, 1864)**

Synonymy: *Capnea Coreopsis* Duchassaing & Michelotti, 1864 [Ref. 322], p. 34 (original description).

Phellia coreopsis V.: Verrill, 1869 [Ref. 461] (1870), p. 103 [69].

Capnaea Coreopsis [no author]: Duchassaing, 1870 [Ref. 1674], p. 20.

coriacea, Actinia Cuvier, 1798

Type species of *Cribrina* by subsequent designation (Thompson, 1858), contrary to Fautin *et al.* (2007), who recognized *Priapus polypus* Forsskål, 1775, designated by Haddon (1889): Haddon asserted that *Priapus polypus*, which was originally included in genus, had been intended by Ehrenberg to be its type species.

Valid names used: ***Urticina coriacea* (Cuvier, 1798); *Urticina felina* (Linnaeus, 1761)**

Described from unspecified number.

Type specimens: syntypes *not found*: France

***coriacea, Edwardsia* Moseley, 1877**

Described from x1.

Type specimen: holotype *not found*: Portugal, Cape St. Vincent

Synonymy: *Edwardsia coriacea* Moseley, 1877 [Ref. 166], p. 299 (original description). *nomen dubium* according to Williams, 1981 [Ref. 491], p. 348.

***coriacea, Urticina* (Cuvier, 1798)**

Synonymy: *Actinia coriacea* Cuvier, 1798 [Ref. 769], p. 653 (original description).

Actinea tuberculata Cocks, 1850 [Ref. 6093], p. 94. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 12.1.

[*pro parte*] *Tealia crassicornis* (Müller): Gosse, 1858 [Ref. 96], p. 417.

Tealia coriacea Cuvier: Nafilyan, 1912 [Ref. 171], p. 18.

Urticina felina coriacea [no author]: Carlgren, 1921 [Ref. 196], p. 162–168.

Tealia felina coriacea [no author]: Stephenson, 1935 [Ref. 505], p. 143, 144–145, 155.

Urticina coriacea Cuvier, 1798: Zamponi & Acuña, 1996 [Ref. 762], p. 2–3, 9.

Urticina felina (Linnaeus, 1767): Uchida & Soyama, 2001 [Ref. 1832], p. 82, 142, 151, 155.

coronata, Bunodes Gosse, 1858

Type species of *Chitonactis* by monotypy.

Valid name: ***Hormathia coronata* (Gosse, 1858)**

Described from "several specimens".

Type specimens: syntypes *not found*: UK, England, Devon, off Berry Head

***coronata, Chondrophellia* (Verrill, 1883)**

Synonymy: *Actinauge nodosa coronata* Verrill, 1883 [Ref. 467], p. 53 (original description).

Actinauge fastigata McMurrich, 1893 [Ref. 386], p. 187–189, 205–207 (original description as *nomen novum*).

Actinauge fastigiata [sic] Mc Murrich: Carlgren, 1896 [Ref. 735], p. 174.
Hormathia elongata Gravier, 1918 [Ref. 101], p. 14–15 (original description).
Chondrophellia coronata [no author]: Carlgren, 1928 [Ref. 198], p. 127 [5].
Chondrophellia coronota [sic] (Verrill, 1883): Doumenc & Van-Praët, 1988 [Ref. 53], p. 63–64.
Chondrophellia nodosa coronata (Verrill, 1893): Häussermann & Försterra, 2005 [Ref. 5503], p. 95.

Comment: Carlgren (1942) labeled this a new species but meant *Chondrophellia africana* (described on p. 216 of Carlgren, 1942).

***coronata, Hormathia* (Gosse, 1858)**

Synonymy: *Bunodes coronata* Gosse, 1858 [Ref. 97], p. 194–195 (original description).

Chitonactis coronata Gosse: Fischer, 1874 [Ref. 78], p. 226–228.

Phellia nummus Andres, 1881 [Ref. 4], p. 308, 326, 341 (original description).

Phelliopsis nummus (Andres): Fischer, 1887 [Ref. 80], p. 410–413, 416.

Hormathia coronata Gosse: Haddon, 1898 [Ref. 363], p. 459.

Hormathia mediterranea Carlgren, 1935 [Ref. 578], p. 4–6 (original description).

***correae, Actinostella* (Schlenz & Belém, 1992)**

Synonymy: *Phyllactis correae* Schlenz & Belem, 1988: Gomes & Zamponi, 1988 [Ref. 1256], p. 185–187. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 13.1.

Phyllactis correae Schlenz & Belem, 1992 [Ref. 223], p. 93–117. (original description)

Actinostella correae (Schlenz & Belém, 1988 (92)): Häussermann, 2003 [Ref. 1881], p. 174, 180, 200.

correae, Phyllactis Schlenz & Belém, 1992

Valid name: ***Actinostella correae* (Schlenz & Belém, 1992)**

Described from holotype, x16 paratypes.

Type specimens: MNRJ 00536: holotype, Brazil, Rio Grande do Norte, Atol das Rocas, Ilha do Farol; MNRJ 00469: 2 paratypes, Brazil, Rio Grande do Norte, Atol das Rocas, Ilha do Farol; MNRJ 00470: 7 paratypes, Brazil, Rio Grande do Norte, Atol das Rocas, Ilha do Farol; MNRJ 00471: 7 paratypes, Brazil, Rio Grande do Norte, Atol das Rocas, Ilha do Farol

costa, Cladactis Panceri, 1868

Type species of *Cladactis* Panceri by monotypy.

Valid name: ***Alicia mirabilis* Johnson, 1861**

Described from unspecified number.

Type specimens: syntypes *not found*: Italy, Gulf of Naples, northern Capri Island

***costata, Edwardsia* Danielssen, 1890**

Described from x1.

Type specimen: holotype *not found*: Norway, Skjerstadvjord (Norwegian North Atlantic Expedition 1876–1878 sta. 253)

Synonymy: *Edwardsia costata* Danielssen, 1890 [Ref. 321], p. 115–116 (original description). *nomen dubium* according to Williams, 1981 [Ref. 491], p. 349.

couchii, Anthea Cocks, 1851

Valid name: ***Aiptasia mutabilis* (Gravenhorst, 1831)**

Described from x3.

Type specimens: 1 syntype *not found*: UK, England, Cornwall, Falmouth, Gwyllyn-vase Bay; 2 syntypes *not found*: UK, England, Cornwall, Helford River, near the Nare

crassa, Chondrodactis Wassilieff, 1908

Valid name: ***Phelliactis crassa* (Wassilieff, 1908)**

Described from x3.

Type specimens: ZSM 153B: 3 syntypes, Japan, Honshu, Sagami Bay, Dogetsu Bay [Dogetsu Bay]

crassa, Choriactis McMurrich, 1904

Valid name: ***Paractis laevis* (Carlgren, 1899)**

Described from x5.

Type specimen: MNB 4215: 4 pieces of syntype, Argentina, Tierra del Fuego, Cabo Espiritu Santo (Plate Expedition sta. 627 or sta. 628)

crassa, *Condylactis* Pax, 1922

Valid name: ***Parantheopsis cruentata* (Couthouy in Dana, 1846)**

Described from unspecified number.

Type specimens: syntypes *not found*: Kerguelen

***crassa*, *Cribrinopsis* (Andres, 1881)**

Synonymy: *Actinia rubripunctata* Grube, 1840 [Ref. 103], p. 4–5 (original description).

Actinia rhododactylos Grube, 1840 [Ref. 103], p. 3–4 (original description).

Cereus digitatus [no author]: Milne Edwards, 1857 [Ref. 508], p. 272.

Bunodes crassus Andres, 1881 [Ref. 4], p. 307, 318, 338 (original description).

Aulactinia crassa Andr.: Andres, 1883 [Ref. 6170], p. 439–440.

Anthopleura crassa (Andres 1880): Carlgren, 1949 [Ref. 31], p. 53.

Cribrinopsis crassa [no author]: Schmidt & Béress, 1971 [Ref. 5797], p. 168, 169.

***crassa*, *Gliactis* Gravier, 1918**

Type species of *Gliactis* by monotypy.

Described from x8.

Type specimens: MOM 13 0084: 3 syntypes, Atlantic Ocean (Prince Albert I of Monaco Campagne de 1905: *Princesse-Alice* et l'*Hirondelle* sta. 2307)

Synonymy: *Gliactis crassa* Gravier, 1918 [Ref. 101], p. 7–10 (original description).

Gliatactis [*sic*] *crassa* Gravier: Carlgren, 1934 [Ref. 292], p. 13.

Amphianthus crassus (Gravier 1918): Carlgren, 1949 [Ref. 31], p. 99.

crassa, *Parantheoides* Carlgren, 1899

Valid name: ***Paranthus crassus* (Carlgren, 1899)**

Type species of *Parantheoides* by monotypy.

Described from x1.

Type specimen: MZL 334: holotype, Argentina

crassa, *Phellia* Danielssen, 1890

Type species of *Phelliomorpha* by monotypy.

Valid name: ***Cactosoma abyssorum* Danielssen, 1890**

Described from x4.

Type specimen: MZL *no number*: 1 microscope slide of syntype, Barents Sea, between Spitsbergen and Finmark (Norwegian North Atlantic Expedition 1876–1878 sta. 290)

***crassa*, *Phelliactis* (Wassilieff, 1908)**

Synonymy: *Chondrodactis crassa* Wassilieff, 1908 [Ref. 478], p. 39–41 (original description).

Phelliactis crassa (Wassilieff 1908): Carlgren, 1949 [Ref. 31], p. 97.

***crassa*, *Sicyonis* Hertwig, 1882**

Type species of *Sicyonis* by monotypy.

Described from x1.

Type specimen: BMNH 1889.11.25.23: holotype, Indian Ocean, about 84 miles west of Hog Island (*Challenger* Expedition 1873–1876 sta. 147)

Synonymy: *Sicyonis crassa* Hertwig, 1882 [Ref. 379], p. 87–89, 116 (original description).

***crassa*, *Urticinopsis* Carlgren, 1938**

Described from x1.

Type specimen: SAM H4599: holotype, South Africa, Cape Point NE 3/4 N, 39 miles
Synonymy: *Urticinopsis crassa* Carlgren, 1938 [Ref. 283], p. 49–50 (original description).

crassicornis, *Actinia* Müller, 1776

Type species of *Bunodes* by monotypy, contrary to Haddon (1889:315), who stated it is "*B. verrucosa* (Pennant) = *B. gemmacea* (Ellis)", and to Fautin *et al.* (2007), who accepted *Actinia gemmacea*. Type species of *Tealia* by subsequent designation (Verrill, 1864). Type species of *Urticina* by subsequent designation (Manuel, 1981).

Valid names used: *Entacmaea quadricolor* (Leuckart in Rüppell & Leuckart, 1828); *Urticina crassicornis* (Müller, 1776); *Urticina felina* (Linnaeus, 1761)

Described from unspecified number.

Type specimens: syntypes *not found*: Denmark

crassicornis, *Actinostola* (Hertwig, 1882)

Synonymy: *Dysactis crassicornis* Hertwig, 1882 [Ref. 379], p. 39–43, 116 (original description).

[*pro parte*] *Actinostola callosa* Verrill: McMurrich, 1893 [Ref. 386], p. 167–170, 172, 196, 205–207, 209.

Actinostola excelsa McMurrich, 1893 [Ref. 386], p. 170–171, 206 (original description).

Actinostola pergamentacea McMurrich, 1893 [Ref. 386], p. 171–172, 206 (original description).

Actinostola intermedia Carlgren, 1899 [Ref. 148], p. 31–33 (original description).

Actinostola crassicornis [no author]: Carlgren, 1899 [Ref. 148], p. 31, 44.

Actinostola chilensis McMurrich, 1904 [Ref. 391], p. 247–250 (original description).

[*non*] *Actinostola callosa* (Verrill): Rees, 1913 [Ref. 214], p. 382–387.

Actinostola Chilensis McMurrich, 1904: Stephenson, 1920 [Ref. 449], p. 557.

Catadiomene intermedia Carlgren, 1899: Stephenson, 1920 [Ref. 449], p. 558.

Actinostola clubbi Carlgren, 1927 [Ref. 210], p. 66–68 (original description).

[*non*] *Actinostola chilensis* (McMurrich 1904): Häussermann, 2004 [Ref. 5006], p. 26–37.

crassicornis, *Dysactis* Hertwig, 1882

Valid name: *Actinostola crassicornis* (Hertwig, 1882)

Described from x5: description states x1 *ex sta.* 312, x4 *ex sta.* 313.

Type specimens: BMNH 1889.11.25.3-4: 3 syntypes, 52°20'0"S, 67°39'0"W (*Challenger* Expedition 1873–1876 sta. 313); BMNH 1889.11.25.10: 2 syntypes, 52°20'0"S, 67°39'0"W (*Challenger* Expedition 1873–1876 sta. 313); BMNH 1889.11.25.9: 1 syntype, 53°37'30"S, 70°56'0"W (*Challenger* Expedition 1873–1876 sta. 312) (labeled holotype but not so-called in publication); NRS 1183: 1 syntype, 52°20'0"S, 67°39'0"W (*Challenger* Expedition 1873–1876 sta. 313)

crassicornis spetzbergensis, *Rhodactinia* Carlgren, 1902

Valid name: *Aulactinia spetzbergensis* (Kwietniewski, 1898)

Described from x2.

Type specimens: MZL *no number*: 1 microscope slide of syntype, 74°55'N, 17°30'E (*Olga* Expedition sta. 52); 1 syntype *not found*: 74°55'N, 17°30'E (*Olga* Expedition sta. 52); 1 syntype *not found*: 76°23'N, 15°7'E (*Olga* Expedition sta. 41)

crassicornis, *Urticina* (Müller, 1776)

Synonymy: *Actinia crassicornis* Müller, 1776 [Ref. 167], p. 231 (original description).

Urticina crassicornis O. F. Müller: Carlgren, 1893 [Ref. 145], p. 58–64, 135, 148.

Urticina felina crassicornis [no author]: Carlgren, 1921 [Ref. 196], p. 162, 170–174.

Tealia felina crassicornis L.: Carlgren, 1934 [Ref. 291], p. 349.

Tealia crassicornis (Mueller, 1776): Hand, 1955 [Ref. 371], p. 70–80, 82, 86–87.

Urticina felina kurila (Averincev, 1967): Uchida & Soyama, 2001 [Ref. 1832], p. 82, 151, 155.

crassoides, *Choriactis* Pax, 1922

Valid name: *Paractis laevis* (Carlgren, 1899)

Described from unspecified number.

Type specimens: MNHN 2385: 2 syntypes, Antarctica, South Shetland Islands, King George's Island (*Pourquoi Pas* sta. XVIII)

crassus, *Bunodes* Andres, 1881

Valid names used: *Anthopleura ballii* (Cocks, 1851); *Cribrinopsis crassa* (Andres, 1881)

Described from x1.

Type specimen: holotype *not found*: Italy, near Naples, Bajam

crassus, *Paranthus* (Carlgren, 1899)

Synonymy: *Parantheoides crassa* Carlgren, 1899 [Ref. 148], p. 27–28 (original description).

Paranthus crassus [no author]: Carlgren, 1899 [Ref. 148], p. 27–28.

Paraectis nivea (Lesson): McMurrich, 1904 [Ref. 391], p. 239–242.

Paranthus nivea Lesson: Stephenson, 1920 [Ref. 449], p. 542.

Paranthus crassa (Carlgr.): Carlgren, 1927 [Ref. 210], p. 44–46.

crateriformis, *Epiactis* Carlgren & Stephenson, 1929

Valid name: *Epiactis georgiana* Carlgren, 1927

Described from x4.

Type specimens: 2 syntypes *not found*: 65°48'S, 137°32'E (Australasian Antarctic Expedition 1911–14 sta. 4); 2 syntypes *not found*: 66°32'S, 141°39'E (Australasian Antarctic Expedition 1911–14 sta. 3)

cretata, *Edwardsia* Stimpson, 1856

Valid name: *Paraedwardsia cretata* (Stimpson, 1856)

Described from unspecified number.

Type specimens: syntypes *not found*: Japan

cretata, *Paraedwardsia* (Stimpson, 1856)

Synonymy: *Edwardsia cretata* Stimpson, 1856 [Ref. 239], p. 377 (original description). *nomen dubium* according to Williams, 1981 [Ref. 491], p.348.

Paraedwardsia cretata (Stimpson 1855): Carlgren, 1949 [Ref. 31], p. 25.

cricoides, *Entacmaea* Duchassaing, 1850

Valid name: *Telmatactis cricoides* (Duchassaing, 1850)

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, Antilles

cricoides, *Telmatactis* (Duchassaing, 1850)

Synonymy: *Entacmaea cricoides* Duchassaing, 1850 [Ref. 70], p. 10 (original description).

[*non*] *Edwardsia clavata* Stimpson, 1856 [Ref. 239], p. 376 (original description).

Actinia cricoides [no author]: Milne Edwards, 1857 [Ref. 508], p. 247.

Dysactis cricoides Duchass.: Duchassaing & Michelotti, 1860 [Ref. 323], p. 40.

Paraectis clavata Duchassaing & Michelotti, 1860 [Ref. 323], p. 40 (original description).

Capnea cricoides M. Edw.: Duchassaing & Michelotti, 1864 [Ref. 322], p. 34.

Capnea clavata Duch. et Mich.: Duchassaing & Michelotti, 1864 [Ref. 322], p. 33.

[*non*] *Phellia clavata* Verrill: Verrill, 1865 [Ref. 457], p. 150. senior homonym

Phellia Americana Verrill, 1868 [Ref. 460], p. 327 [13] (original description as *nomen novum*).

Phellia cricoides V.: Verrill, 1869 [Ref. 461] (1870), p. 103 [69].

Phellia Duchassaingi Andres, 1883 [Ref. 6170], p. 342 (original description as *nomen novum*).

Phellia clavata (Duch. and Mich.): Duerden, 1897 [Ref. 55], p. 459. junior secondary homonym

[*non*] *Phellia rufa* Verrill, 1900 [Ref. 474], p. 557 (original description).

Euphellia cinclidifera Pax, 1908 [Ref. 403], p. 475–476 [273–274], 497 [295], 499 [297] (original description).

Telmatactis Valle-Flori Gravier, 1916 [Ref. 99], p. 236 (original description).

Phellia pseudoroseni Pax, 1924 [Ref. 416], p. 105–106, 119 (original description).

Telmatactis valle-flori Grav.: Carlgren, 1941 [Ref. 299], p. 7–9.
Telmatactis americana (Verrill 1869): Carlgren, 1949 [Ref. 31], p. 90.
Telmatactis Valle Flori Gravier 1918: Carlgren, 1949 [Ref. 31], p. 90.
Telmatactis pseudoroseni (Pax 1924a): Carlgren, 1949 [Ref. 31], p. 90.
Telmatactis rufa (Verrill 1900): Corrêa, 1964 [Ref. 312], p. 108–113.
Telmatactis valle flori [no author]: Doumenc, 1973 [Ref. 49], p. 203.
Telmatactis cricoides (Duch.): Cairns, den Hartog, & Arneson, 1986 [Ref. 1185], p. 174, 175.

crispa, *Actinia* Hemprich & Ehrenberg in Ehrenberg, 1834

Valid name: ***Heteractis crispa* (Hemprich & Ehrenberg in Ehrenberg, 1834)**

Described from unspecified number.

Type specimens: syntypes *not found*: Red Sea [Mer Rouge]

***crispa*, *Heteractis* (Hemprich & Ehrenberg in Ehrenberg, 1834)**

Synonymy: *Actinia crispa* Hemprich & Ehrenberg in Ehrenberg, 1834 [Ref. 58], p. 260 (original description).

Actinia paumotensis Couthouy in Dana, 1846 [Ref. 318], p. 141 (original description).

Cereus paumotensis [no author]: Milne Edwards, 1857 [Ref. 508], p. 271.

Cereus crispus [no author]: Milne Edwards, 1857 [Ref. 508], p. 271–272.

Bunodes crispa [no author]: Klunzinger, 1877 [Ref. 121], p. 77.

Bunodes crispus Ehr.: Andres, 1883 [Ref. 6170], p. 451–452.

Heliactis paumotensis Dana: Andres, 1883 [Ref. 6170], p. 354.

Discosoma macrodactylum Haddon & Shackleton, 1893 [Ref. 364], p. 117, 120–121 (original description).

Radianthus Kükenthali Kwietniewski, 1896 [Ref. 397], p. 389–390 (original description).

Radianthus kuekenthali [no author]: Kwietniewski, 1897 [Ref. 399], p. 331–334.

Radianthus macrodactylus (H. & S.): Haddon, 1898 [Ref. 363], p. 398, 471–472.

Discosoma tuberculata Kwietniewski, 1898 [Ref. 125], p. 387, 412–413 (original description).

Radianthus lobatus Kwietniewski, 1898 [Ref. 125], p. 387, 414–415 (original description).

Entacmaea crispa H. u. E.: Carlgren, 1899 [Ref. 152], p. 14.

Antheopsis crispa (Ehrenberg 1834) Simon 1892: Krempf, 1905 [Ref. 124], p. 193–194.

Discosomoides tuberculata [no author]: Pax, 1910 [Ref. 407], p. 227.

Stoichactis tuberculata Kwiet.: Stephenson, 1922 [Ref. 451], p. 299.

Antheopsis kuekenthali Kwiet.: Stephenson, 1922 [Ref. 451], p. 300.

Antheopsis macrodactylus H. and S.: Stephenson, 1922 [Ref. 451], p. 300.

Anemone 3 Verwey, 1930 [Ref. 1834], p. 311–312.

Radianthus Kuekenthali Kwietniewski 1896a: Carlgren, 1949 [Ref. 31], p. 74.

Radianthus crispus (Ehrenberg 1834): Carlgren, 1949 [Ref. 31], p. 74.

[*non*] *Radianthus paumotensis* (Couthouy): Allen, 1972 [Ref. 794], p. 151, 165, 167, ii.

[*pro parte*] *Radianthus malu* (Haddon and Shackleton): Allen, 1972 [Ref. 794], p. 152, 158, 168–172, 200, 209, 254, 255, ii.

[*non*] *Radianthus macrodactylus* (Haddon & Shackleton 1893): Uchida, Okamoto, & Fukuda, 1975 [Ref. 1307], p. 37, 41–42.

Radianthus ritteri [no author]: Allen, 1978 [Ref. 5105], p. 11, 13, 19, 55, 64, 70, 75, 77, 85, 86, 88, 89, 91.

Heteractis crispa (Ehrenberg, 1834): Dunn, 1981 [Ref. 325], p. 3, 26, 40, 44, 47–57, 62, 65, 71, 103, 105, 107–108.

Heteractis macrodactylum (Haddon and Shackleton, 1893): Cutress & Arneson, 1987 [Ref. 317], p. 54, 55, 57, 59.

***crispata*, *Sagartia* Verrill, 1869**

Described from unspecified number.

Type specimens: syntypes *not found*: Panama, Golfo de Panama [Gulf of Panama, Bay of Panama]

Synonymy: *Sagartia crispata* Verrill, 1869 [Ref. 458], p. 484 (original description).

***cristata*, *Actinauge* Riemann-Zürneck, 1986**

Described from holotype, x2 paratypes.

Type specimens: ZMH C11394: holotype, 53°22'N, 52°25'W (*Walther Herwig* 1970, Cruise 38 sta. 15); ZMH C11396: 2 paratypes, 53°22'N, 52°25'W (*Walther Herwig* 1970, Cruise 38 sta. 15)

Synonymy: [*non*] *Actinauge Verrillii* McMurrich, 1893 [Ref. 386], p. 184–187, 188–189, 205–207 (original description).

Actinauge verrillii McMurrich: Verrill, 1922 [Ref. 477], p. 94–95.

Actinauge Verrillii Mc Murr.: Carlgren, 1928 [Ref. 201], p. 256, 257, 260, 292.

Actinauge verrilli [*sic*] (Hadd.) McMurr.: Carlgren, 1942 [Ref. 197], p. 38–39.

Actinauge cristata Riemann-Zürneck, 1986 [Ref. 515], p. 15–16 (original description).

crocata, *Diactis* Hutton, 1880

Type species of *Diactis* by monotypy.

Valid name: ***Diadumene crocata* (Hutton, 1880)**

Described from x1.

Type specimen: holotype *not found*: New Zealand, South Island, Port Chalmers, Deborah Bay

Comment: Fautin *et al.* (2007) erroneously gave 1879 as year of Hutton publication.

***crocata*, *Diadumene* (Hutton, 1880)**

Synonymy: *Diactis crocata* Hutton, 1880 [Ref. 761], p. 275 (original description).

Sagartia crocata (Hutton): Stuckey, 1909 [Ref. 244], p. 397.

Diadumene crocata Hutton, 1880: Parry, 1951 [Ref. 181], p. 89.

cruciata, *Ragactis* Andres, 1883

Valid name: ***Phymanthus crucifer* (Le Sueur, 1817)**

Described from unspecified number.

Type specimens: syntypes *not found*: St. Thomas and Barbados

Comment: For specimens Duchassaing & Michelotti (1866) identified as *Cereus crucifer*. Because Andres was naming only those specimens, not the entire species, not a *nomen novum* (as Andres termed it) in sense of the International Code of Zoological Nomenclature.

***crucifer*, *Phymanthus* (Le Sueur, 1817)**

Synonymy: *Actinia crucifera* Le Sueur, 1817 [Ref. 128], p. 174–175 (original description).

Cereus crucifer Lesueur: Duchassaing & Michelotti, 1864 [Ref. 322], p. 31.

Cereus Crucifer [no author]: Duchassaing, 1870 [Ref. 1674], p. 20.

Phymanthus cruciferus Les.: Andres, 1883 [Ref. 6170], p. 501.

Ragactis cruciata Andres, 1883 [Ref. 6170], p. 471 (original description).

Phymanthus crucifer (Les.), Andres: McMurrich, 1889 [Ref. 387], p. 51–55.

Epicystis crucifera Ehr.: Verrill, 1898 [Ref. 469], p. 496.

Epicystis osculifera (Les.) Ver.: Verrill, 1900 [Ref. 474], p. 556.

Phymantes [*sic*] *crucifer* [no author]: Van der Vlugt, 1976 [Ref. 314], p. 310.

Phimanthus [*sic*] *crucifer* [no author]: Zamponi, 1981 [Ref. 553], p. 165.

Epicystis crucifer (Lesueur): Cairns, den Hartog, & Arneson, 1986 [Ref. 1185], p. 177, 179.

crucifera, *Actinia* Le Sueur, 1817

Type species of *Epicystis* by subsequent designation (Verrill, 1898).

Valid name: ***Phymanthus crucifer* (Le Sueur, 1817)**

Described from unspecified number.

Type specimens: MZL *no number*: 4 microscope slides of syntype, Caribbean Sea, Lesser Antilles, Barbados

cruentata, *Actinia* Couthouy *in* Dana, 1846

Type species of *Parantheopsis* by monotypy.

Valid names used: ***Aulactinia octoradiata* (Carlgren, 1899); *Parantheopsis cruentata* (Couthouy *in* Dana, 1846)**

Described from unspecified number.

Type specimens: syntypes *not found*: South America, Tierra del Fuego, entrance of Orange Bay, Saddle Island (United States Exploring Expedition ["Wilkes Expedition"])

***cruentata*, *Parantheopsis* (Couthouy in Dana, 1846)**

Synonymy: *Actinia cruentata* Couthouy in Dana, 1846 [Ref. 318], p. 138–139 (original description).

Cereus cruentatus [no author]: Milne Edwards, 1857 [Ref. 508], p. 268–269.

Bunodes cruentata Gosse: Verrill, 1869 [Ref. 458], p. 467.

Bunodes Kerguelensis Studer, 1879 [Ref. 262], p. 543 (original description).

Bunodes cruentatus Dana: Andres, 1883 [Ref. 6170], p. 432.

Bunodes Studerii Andres, 1883 [Ref. 6170], p. 452 (original description as *nomen novum*).

Condylactis cruentata (Dana): McMurrich, 1893 [Ref. 386], p. 150–151, 206.

Anthea kerguelensis [no author]: Kwietniewski, 1895 [Ref. 398], p. 595–596.

Bunodactis cruentata (Dana): Verrill, 1899 [Ref. 470], p. 42.

Parantheopsis cruentata (Couthouy): McMurrich, 1904 [Ref. 391], p. 233–235.

Anemonia dichogama Kirk & Stuckey, 1909 [Ref. 120], p. 384–386 (original description).

Condylactis crassa Pax, 1922 [Ref. 413], p. 78 (original description).

Gyrostoma dichogama Kirk and Stuckey: Stephenson, 1922 [Ref. 451], p. 268.

Condylactis kerguelensis (Stud.): Pax, 1926 [Ref. 404], p. 5, 16–17.

Comment: Carter Verdeilhan (1965) listed verbatim authority as both “(Drayton), 1846” (p. 132) and “(Cout.), 1849” (p. 143).

***crypta*, *Halcampa* Siebert & Hand, 1974**

Described from holotype, x3 paratypes.

Type specimens: USNM 53856: holotype, USA, California, Marin County, near Agate Beach, Duxbury Reef; USNM 53857: 3 paratypes, USA, California, Marin County, near Agate Beach, Duxbury Reef

Synonymy: *Halcampa crypta* Siebert & Hand, 1974 [Ref. 231], p. 327–335 (original description).

Comment: USNM numbers 53856 and 53857 also attributed to specimens of *Stomphia didemon* in Siebert (1973), but the specimens of *S. didemon* at USNM have numbers 53855 and 53854.

***cryptum*, *Mimetridium* Hand, 1961**

Type species of *Mimetridium* by monotypy.

Described from holotype, x9 paratypes.

Type specimens: OM Iv 2284: holotype, New Zealand, South Island, Otago Harbour, Quarantine Island (St. Martin's Island); BMNH 1960.6.26.1-3: 3 paratypes, New Zealand, South Island, Otago Harbour, Quarantine Island (St. Martin's Island); USNM 51650: 3 paratypes, New Zealand, South Island, Otago Harbour, Quarantine Island (St. Martin's Island); OM Iv 2286: 1 paratype, New Zealand, South Island, Port Chalmers; OM Iv 2285: 2 paratypes, New Zealand, South Island, Otago Harbour, Quarantine Island (St. Martin's Island)

Synonymy: [*non*] *Metridium canum* Stuckey, 1914 [Ref. 246], p. 134 (original description).

[*pro parte*] *Metridium canum* Stuckey, 1914; Parry, 1951 [Ref. 181], p. 89, 90.

Mimetridium cryptum Hand, 1961 [Ref. 377], p. 77–83 (original description).

***crystallina*, *Actinia* Hemprich & Ehrenberg in Ehrenberg, 1834**

Valid names used: *Anemonia crystallina* (Hemprich & Ehrenberg in Ehrenberg, 1834); *Paranthus chromatoderus* (Schmarda, 1852)

Described from unspecified number.

Type specimens: MNB 1172: 16 syntypes, Egypt, Mediterranean Sea, between Alexandria and Rosetta; NRS 5619: 2? syntypes, Egypt, Mediterranean Sea, between Alexandria and Rosetta; MZL *no number*: 4 microscope slides of syntype, Egypt, Mediterranean Sea, between Alexandria and Rosetta

***crystallina*, *Anemonia* (Hemprich & Ehrenberg in Ehrenberg, 1834)**

Synonymy: *Actinia crystallina* Hemprich & Ehrenberg in Ehrenberg, 1834 [Ref. 58], p. 257 (original description).

=? *Entacmaea chromatodera* Schmarda, 1852 [Ref. 618], p. 129–130 (original description).

Ceratactis cristallina [*sic*] [no author]: Milne Edwards, 1857 [Ref. 508], p. 238.

Anemonia crystallina Ehr.: Andres, 1883 [Ref. 6170], p. 412.

Isacmaea crystallina [no author]: Carlgren, 1899 [Ref. 152], p. 13.

=? *Paranthus chromatoderus* (Schmarda 1852): Carlgren, 1949 [Ref. 31], p. 83.

cupreus, *Cereus* Ilmoni, 1830

Type species of genus *Cereus* by monotypy.

Valid names used: ***Cerianthus membranaceus* (Spallanzani, 1784); *Pachycerianthus solitarius* (Rapp, 1829)**

Type specimens: syntypes *not found*: Mediterranean Sea, Adriatic Sea, Trieste [Tergestum]

Comment: Belongs in order Ceriantharia: Fautin *et al.* (2012) [Ref. 6228] appealed to International Commission on Zoological Nomenclature by to make an actiniarian type species.

***curacaoensis*, *Aulactinia* (Pax, 1924) new combination**

Synonymy: *Bunodactis curacaoensis* Pax, 1924 [Ref. 416], p. 94, 102, 119 (original description).

Bunodactis curacaoensis Pax 1924a: Carlgren, 1949 [Ref. 31], p. 65.

Aulactinia curacaoensis (Pax 1924): new combination herein.

curacaoensis, *Bunodactis* Pax, 1924

Valid name: ***Aulactinia curacaoensis* (Pax, 1924) new combination**

Described from x1.

Type specimen: ZMA 2264: holotype, Caribbean Sea, Netherlands Antilles, Curaçao, Boca Labadera

***curacaoensis*, *Scolanthus* (Pax, 1924)**

Synonymy: *Isoedwardsia curacaoensis* Pax, 1924 [Ref. 416], p. 94, 97–98, 119 (original description).

Edwardsia horstii Pax, 1924 [Ref. 416], p. 94–97, 98, 119 (original description).

Isoedwardsia curacaoensis Pax 1924: Carlgren, 1949 [Ref. 31], p. 24.

Bunodactis curacaoensis Pax, 1924: van Soest, 1979 [Ref. 236], p. 105.

Scolanthus curacaoensis (Pax, 1924): Williams, 1981 [Ref. 491], p. 325, 350.

Isoedwardsia curacaoensis [sic] Pax, 1924: Manuel, 1981 [Ref. 138], p. 273.

curacaoensis, *Isoedwardsia* Pax, 1924

Valid name: ***Scolanthus curacaoensis* (Pax, 1924)**

Described from x1.

Type specimen: ZMA 2722: holotype, Caribbean Sea, Netherlands Antilles, Curaçao, Spaansch Water

***curta*, *Actinia* Drayton in Dana, 1846**

Described from x2.

Type specimens: syntypes *not found*: Atlantic Ocean, Cape Verde Islands [Cape de Verdes], St. Jago [Ilha de Sao Tiago], Porto Praya [Praia], False Bay (United States Exploring Expedition ["Wilkes Expedition"])

Synonymy: *Actinia curta* Drayton in Dana, 1846 [Ref. 318], p. 148 (original description).

Paractis curta [no author]: Milne Edwards, 1857 [Ref. 508], p. 252.

Uncertain genus *curta* Dana: Andres, 1883 [Ref. 6170], p. 579–580.

***cyanea*, *Actinecta* (Cuvier, 1817) new combination**

Synonymy: *Mynias cyanea* Cuvier, 1817 [Ref. 1392], p. 24 (original description).

Stichophora cyanea Brandt, 1835 [Ref. 65], p. 17.

Phlyctaenomyias Brandtii Andres, 1883 [Ref. 6170], p. 564 (original description as *nomen novum*).

Minyas cyanea (Brandt 1835): Carlgren, 1949 [Ref. 31], p. 72.

Actinecta cyanea (Cuvier, 1817): new combination herein.

Comments: Discussion by Brandt (1835) interpreted to mean he considered Mertens' observations apply to species Cuvier had named in genus *Mynias*. Andres (1883) changed species name because it had been used for other members of family Minyadinae [sic]. Not a replacement name in sense of International Code of Zoological Nomenclature Article 60. An unnecessary substitute name available nonetheless (International Code of Zoological Nomenclature Article 10.6).

cyanea, *Mynias* Cuvier, 1817

Valid name: ***Actinecta ultramarina* (Péron & Le Sueur in Le Sueur, 1817)**

Type species of *Minyas* by monotypy. Type species of *Actinecta* by monotypy.

Described from unspecified number.
Type specimens: syntypes *not found*: Atlantic Ocean

cyclicodes, *Phellia* Bourne, 1918

Valid name: ***Telmatactis cyclicodes* (Bourne, 1918)**

Described from x1 (male).

Type specimen: holotype *not found*: New Caledonia [Nouvelle-Calédonie], Loyalty Islands, Uvea

cyclicodes, ***Telmatactis* (Bourne, 1918)**

Synonymy: *Phellia cyclicodes* Bourne, 1918 [Ref. 25], p. 57–60 (original description).

Telmatactis cyclicodes (Bourne 1918): Carlgren, 1949 [Ref. 31], p. 90.

cylinder, *Phellia* Andres, 1881

Valid name: ***Telmatactis forskalii* (Hemprich & Ehrenberg in Ehrenberg, 1834)**

Described from unspecified number *ex* "In imis Pontiae, Pithecusae, Caprearum, Gajolaeque fundis haud rara". Varieties
pontina, *simplex*, *sponsa*, and *annulata*

Type specimens: syntypes *not found*: Italy, Naples vicinity

cylindrica, *Actinia* Reid, 1848

Valid names used: ***Peachia cylindrica* (Reid, 1848)**; ***Peachia hastata* Gosse, 1855**

Described from unspecified number (inferred x1).

Type specimen: holotype *not found*: UK, Scotland, St. Andrew's Bay

cylindrica, ***Peachia* (Reid, 1848)**

Synonymy: *Actinia cylindrica* Reid, 1848 [Ref. 1490], p. 34–35 (original description).

=? *Peachia hastata* Gosse, 1855 [Ref. 95], p. 267–271 (original description).

Peachia cylindrica (Reid): Gosse, 1858 [Ref. 96], p. 418.

=? *Peachia undata* Gosse, 1858 [Ref. 96], p. 418 (original description).

=? *Peachia triphylla* Gosse, 1860 [Ref. 356], p. 243–244 (original description).

daevsii, *Actinia* Agassiz, 1847

Type species of *Rhodactinia* by monotypy.

Valid name: ***Urticina felina* (Linnaeus, 1761)**

Described from unspecified number *ex* "côtes du Nantucket."

Type specimens: MCZ 1286: 8 syntypes, USA, Maine, Eastport; MCZ 1298: 25 syntypes, USA, Maine, Eastport

Comment: Described in letter to Humboldt: *Revue Zoologique par la Société Cuvierienne* [Ref. 1571] inferred to have
nomenclatural priority over extract in *Comptes Rendus de l'Academie des Sciences, Paris* [Ref. 608].

danae, *Oulactis* Duchassaing & Michelotti, 1860

Type species of *Taractea* by monotypy.

Valid name: ***Lebrunia neglecta* Duchassaing & Michelotti, 1860**

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, Virgin Islands, St. Thomas

danica, ***Edwardsia* Carlgren, 1921**

Described from unspecified number *ex* 13 localities.

Type specimens: NRS 4884: 3 syntypes, Denmark, Samsø Belt; NRS 5674: 3 syntypes, Sweden, Kattegat, Laholm Bay
(Gunhild Expedition); NRS 5672: 1 syntype, Kattegat, Torboskär-Skagen (Gunhild Expedition); NRS 4885: 1 syntype, Denmark, Øresund [the Sound]; NRS 5673: 1 syntype,
Kattegat, Lilla Middelgrund (Gunhild Expedition); NRS 5671: 1 syntype, Denmark, S of Hven (Gunhild Expedition); UCMNH *no number*: 1? syntype, Denmark, Little Belt;
UCMNH *no number*: 1 syntype, Denmark, Øresund [the Sound]; UCMNH *no number*: 4
syntypes, Denmark, Samsø Belt; UCMNH *no number*: 1 syntype, Denmark, Great Belt
[Store Belt]; UCMNH *no number*: 2 syntypes, Denmark, off Lyngs Odde; NRS 5587: 2

syntypes? Denmark, Little Belt; syntypes *not found*: Sweden, Øresund, between Landskrona and Haken; syntypes *not found*: Denmark, Øresund [the Sound], W of Disken; syntypes *not found*: Denmark, Øresund [the Sound], S of Hven; syntypes *not found*: Denmark, Øresund [the Sound], W of Knähaken

Synonymy: *Edwardsia danica* Carlgren, 1921 [Ref. 196], p. 37–39 (original description).

daphneae, *Bolocerooides* Daly, 2006

Valid name: ***Relicanthus daphneae* (Daly, 2006)**

Described from holotype, x4 paratypes.

Type specimens: FMNH 11505: holotype, Pacific Ocean, East Pacific Rise; FMNH 11503: 1 paratype, Pacific Ocean, East Pacific Rise; FMNH 11508: 1 paratype, Pacific Ocean, East Pacific Rise; USNM 1078497: 1 paratype, Pacific Ocean, East Pacific Rise; KU 002158: 1 paratype, Pacific Ocean, East Pacific Rise

daphneae, ***Relicanthus* (Daly, 2006)**

Synonymy: *Bolocerooides daphneae* Daly, 2006 [Ref. 5518], p. 1241–1247 (original description).

Relicanthus daphneae [no author]: Rodríguez, Barbeitos, Brugler, Crowley, Grajales, Gusmão, Häussermann, Reft, & Daly, 2014

davisi, *Sagartia* Torrey, 1904

Valid name: ***Diadumene lineata* (Verrill, 1869)**

Described from unspecified number.

Type specimens: syntypes *not found*: USA, California, San Diego Bay; syntypes *not found*: USA, California, San Pedro

dawydoffi, *Paracondylactis* Carlgren, 1943

Valid name: ***Paracondylactis sinensis* Carlgren, 1934**

Described from x1.

Type specimen: NRS 4008: holotype, Vietnam, Cochinchina, Poulo Condore

decemtentaculata, ***Halcampa* Hand, 1955**

Described from x42 *ex* seven localities. Specimen referred to as lectotype by Hand (1957) [Ref. 373] actually neotype because published after original description.

Type specimen: USNM 50637: neotype designated by Hand (1957), USA, California, Mendocino County, Havens Neck

Synonymy: *Halcampa duodecimcirrata* (M. Sars)?: Carlgren, 1936 [Ref. 289], p. 19–20.

Halcampa decemtentaculata Hand, 1955 [Ref. 370], p. 360–367 (original description).

decora, *Actinia* Hemprich & Ehrenberg *in* Ehrenberg, 1834

Valid name: ***Telmatactis decora* (Hemprich & Ehrenberg *in* Ehrenberg, 1834)**

Described from unspecified number.

Type specimens: MNB 178: 5 syntypes, Egypt, Red Sea [Mer Rouge], Tor [Tur, El-Tur, El Tûr]; NRS 91: 1 syntype, Egypt, Red Sea [Mer Rouge], Tor [Tur, El-Tur, El Tûr]

decora, ***Telmatactis* (Hemprich & Ehrenberg *in* Ehrenberg, 1834)**

Synonymy: *Actinia decora* Hemprich & Ehrenberg *in* Ehrenberg, 1834 [Ref. 58], p. 261 (original description).

=? *Actinia Forskâlii* Hemprich & Ehrenberg *in* Ehrenberg, 1834 [Ref. 58], p. 261 (original description).

=? *Actinia Forskâlii* Ehrenb.: Brandt, 1835 [Ref. 65], p. 10.

Actinia turbinata [no author]: Milne Edwards, 1857 [Ref. 508], p. 243.

Phellia decora [no author]: Klunzinger, 1877 [Ref. 121], p. 74.

Entacmaea decora H. u. E.: Carlgren, 1899 [Ref. 152], p. 15.

Sagartia longa Verrill, 1928 [Ref. 263], p. 11, 17–18 (original description).

Sagartia pugnax Verrill, 1928 [Ref. 263], p. 4, 11, 18–19 (original description).

Telmatactis decora (Ehrenberg 1834): Carlgren, 1949 [Ref. 31], p. 90.

Actinothoë pugnax (Verrill 1928): Carlgren, 1949 [Ref. 31], p. 103.

Actinothoë longa (Verrill 1928): Carlgren, 1949 [Ref. 31], p. 103.

decorata, *Actinia* Couthouy in Dana, 1846

Type species of *Calliactis* by original designation.

Valid name: *Calliactis polypus* (Forsskål, 1775)

Described from unspecified number >1.

Type specimens: syntypes *not found*: French Polynesia, Honden Island [Puka Puka Atoll], lagoon (United States Exploring Expedition ["Wilkes Expedition"])

delapiae, *Edwardsia* Carlgren & Stephenson, 1928

Described from unspecified number.

Type specimens: NRS 5050: 1 syntype, Ireland, County Kerry, Valencia Islands; *syntypes not found*: Ireland, County Dublin, Malahide

Synonymy: *Edwardsia timida* de Quatrefages, 1842 [Ref. 193], p. 70–71 (original description).

Edwardsia tecta Haddon, 1889 [Ref. 362], p. 329–331 (original description).

=? *Edwardsia pallida* [no author]: Carlgren, 1921 [Ref. 196], p. 35–37.

Edwardsia delapiae Carlgren & Stephenson, 1928 [Ref. 571], p. 9–10, 23–24 (original description).

Edwardsia delapiae Carlgren & T. A. Stephenson: Pax, 1936 [Ref. 6190], p. 89.

Edwardsia [*sic*] *delapiae* Carl.: Collings, 1938 [Ref. 1351], p. 26.

Edwardsia [*sic*] *tecta* Hadd.: Collings, 1938 [Ref. 1351], p. 26.

Edwardsia delapii [*sic*] Carlgren and Stephenson 1928: Carlgren, 1949 [Ref. 31], p. 23.

delicatula, *Actinia* (Hertwig, 1888)

Synonymy: *Hormathia delicatula* Hertwig, 1888 [Ref. 382], p. 15–16 (original description).

Diplactis delicatula [no author]: McMurrich, 1889 [Ref. 546], p. 111, 113

Actinia delicatula Hertw.: Stephenson, 1922 [Ref. 451], p. 266.

Comment: Haddon (1898) remarked likely belongs to *Actinia*.

delicatula, *Hormathia* Hertwig, 1888

Valid name: *Actinia delicatula* (Hertwig, 1888)

Described from x2 *ex* unspecified locality.

Type specimens: BMNH 1889.11.25.33: 2 syntypes

dendrophora, *Actinaria* Haddon & Shackleton, 1893

Described from unspecified number.

Type specimen: MZL *no number*: 1 microscope slide of syntype, Australia, Queensland, Torres Strait, Murray Islands, Mer [Maer] Island

Synonymy: *Actinaria dendrophora* Haddon & Shackleton, 1893 [Ref. 364], p. 117, 123 (original description).

denhartogi, *Paranthosactis* López-González, Rodríguez, Gili, & Segonzac, 2003

Type species of *Paranthosactis* by original designation.

Described from holotype, x2 paratypes.

Type specimens: MNHN *no number*: holotype, Mexico, Gulf of California, Guaymas Basin (GUAYNAUT sta. PL 16); MNHN *no number*: 2 paratypes, Mexico, Gulf of California, Guaymas Basin (GUAYNAUT sta. PL 16)

Synonymy: *Paranthosactis denhartogi* López-González, Rodríguez, Gili, & Segonzac, 2003 [Ref. 1863], p. 221–227 (original description).

densus, *Pycnanthus* Carlgren, 1921

Described from x2 *ex* two localities.

Type specimens: MZB 36515: 1 syntype, North Atlantic Ocean (Michael Sars Expedition 1910 sta. 10); NRS 5634: 1 syntype, Norway, Barents Sea, Beeren [Bear] Island (Swedish Spitzbergen Expedition sta. 2)

Synonymy: *Pycnanthus densus* Carlgren, 1921 [Ref. 196], p. 204–208 (original description).

denticulosa, *Actinia* Le Sueur, 1817

Valid names used: *Corynactis denticulosa* (Le Sueur, 1817) [order Corallimorpharia]; ?? *Homostichanthus duerdeni* Carlgren, 1900

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, Lesser Antilles, Barbados

denudatus, *Chondranthus* Migot & Portmann, 1926

Type species of *Chondranthus* by monotypy.

Described from unspecified number (inferred x1).

Type specimen: holotype *not found*: France, Mediterranean Sea, Gulf of Lyon, Banyuls-sur-mer

Synonymy: *Chondranthus denudatus* Migot & Portmann, 1926 [Ref. 161], p. 19–30. (original description)

Chondranthus denudatum [no author]: Migot & Portmann, 1926 [Ref. 588], p. 87–89.

Comment: Although the publication listed second above is entitled a description of the genus and species and was referred to in the publication listed first, evidence is it was published later (it was presented at a meeting on 4 January 1926, but was published no earlier than July 1926): Stephenson (1935) [Ref. 505] used the correct spelling, but stated Migot & Portmann, 1926 [Ref. 588] senior.

depressa, *Actinia* Rapp, 1829

Senior homonym to junior secondary homonym created by Andres (1883) for *Anemonia depressa* Duchassaing & Michelotti, 1860. Resolved by accepting original generic placement of Duchassaing and Michelotti name.

Valid name: *Paractinia striata* (Risso, 1826)

Described from unspecified number >1.

Type specimens: syntypes *not found*: Mediterranean Sea

depressa, *Anemonia* Duchassaing & Michelotti, 1860

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, Guadeloupe

Synonymy: [*non*] *Actinia depressa* Rapp, 1829 [Ref. 423], p. 58 (original description). senior homonym

Anemonia depressa Duchassaing & Michelotti, 1860 [Ref. 323], p. 37 (original description).

Anemonia Depressa [no author]: Duchassaing, 1870 [Ref. 1674], p. 19.

Actinia depressa Duch.: Andres, 1883 [Ref. 6170], p. 410. junior secondary homonym

=? *Diplactis bermudensis* McMurrich, 1889 [Ref. 546], p. 111–113 (original description).

desiderata, *Carlgrenia* Stephenson, 1918

Type species of *Carlgrenia* by monotypy.

Described from x4.

Type specimens: syntypes *not found*: Ireland, southwest of Ireland (Irish Fisheries sta. S.R. 504)

Synonymy: *Carlgrenia desiderata* Stephenson, 1918 [Ref. 442], p. 109–111 (original description).

devisi, *Phellia* Haddon & Shackleton, 1893

Valid name: *Telmatactis devisi* (Haddon & Shackleton, 1893)

Described from unspecified number.

Type specimens: syntypes *not found*: Australia, Queensland, Great Barrier Reef, Cockburn Reef

devisi, *Telmatactis* (Haddon & Shackleton, 1893)

Synonymy: *Phellia Devisi* Haddon & Shackleton, 1893 [Ref. 364], p. 117, 129 (original description).

Telmatactis Devisi (Haddon and Shackleton 1893): Carlgren, 1949 [Ref. 31], p. 91.

Telmatactis devisi (Haddon & Shackleton, 1893): Chintiroglou, Doumenc, & Foubert, 1989 [Ref. 51], p. 13–14, 23, 24, 35–37.

diadema, *Actinia* Drayton in Dana, 1846

Valid name: *Bunodosoma diadema* (Drayton in Dana, 1846)

Described from unspecified number.

Type specimens: syntypes *not found*: Atlantic Ocean, Cape Verde Islands [Cape de Verdes], St. Jago [Ilha de Sao Tiago], Porto Praya [Praia] (United States Exploring Expedition ["Wilkes Expedition"])

***diadema*, *Bunodosoma* (Drayton in Dana, 1846)**

Synonymy: *Actinia diadema* Drayton in Dana, 1846 [Ref. 318], p. 133–134 (original description).

Bunodes Diadema [no author]: Gosse, 1855 [Ref. 95], p. 274.

Phymactis diadema [no author]: Milne Edwards, 1857 [Ref. 508], p. 274.

Bunodosoma diadema (Drayton): Carlgren, 1939 [Ref. 295], p. 794–795.

dianthus, *Actinia* Ellis, 1767

Type species of *Actinoloba* by subsequent designation (Thompson, 1858: he misspelled genus *Actiniloba*), contrary to Fautin *et al.* (2007), who recognized no type species for the genus. Type species by monotypy of *Metridium*, in agreement with Stephenson (1920) and with Fautin *et al.* (2007), and affirmed by Opinion 1269 of the International Commission on Zoological Nomenclature (Bulletin of Zoological Nomenclature 41[1]:19–21: March 1984).

Valid names used: ***Metridium dianthus* (Ellis, 1767)**; ***Metridium senile* (Linnaeus, 1761)**

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, West Indies

***dianthus*, *Metridium* (Ellis, 1767)**

Synonymy: =? *Priapus senilis* Linnaeus, 1761 [Ref. 129], p. 510 (original description).

Actinia felina [no author]: Linnaeus, 1767 [Ref. 130], p. 1088.

Actinia dianthus Ellis, 1767 [Ref. 767], p. 436 (original description).

Actinia plumosa [no author]: Müller, 1776 [Ref. 167], p. 230.

Actinia pentapetala [no author]: Pennant, 1777 [Ref. 637], p. 42 [50].

Actinia Dianthus Ellis: Ellis & Solander, 1786 [Ref. 71], p. 7.

Hydra Dianthus [no author]: Gmelin, 1796 [Ref. 91], p. 3869.

Actinia senilis Linn.: Adams, 1800 [Ref. 2], p. 9.

Actinia varians Müller, 1806 [Ref. 590], p. 9–10 (original description).

=? *Actinia Priapus* Tilesius, 1809 [Ref. 613], p. 405–415 (original description).

Metridium Dianthus [no author]: Oken, 1815 [Ref. 718], p. 349–350.

Actinia marginata Le Sueur, 1817 [Ref. 128], p. 172 (original description).

[*non*] *Actinia aurantiaca* Delle Chiaje, 1822 [Ref. 1511], p. XXIX, CIII (original description). senior homonym

Metridium plumosa [no author]: de Blainville, 1830 [Ref. 94], p. 287–288.

Actinoloba dianthus [no author]: de Blainville, 1830 [Ref. 94], p. 288.

Cribrina plumosa Ehrenb.: Brandt, 1835 [Ref. 65], p. 16.

Metridium dianthus Oken: Milne Edwards & Haime, 1851 [Ref. 162], p. 9.

Sagartia Dianthus [no author]: Gosse, 1855 [Ref. 95], p. 274–275.

Actinia aurantiaca Jordan, 1855 [Ref. 6060], p. 85–86 (original description). junior homonym

Sagartia dianthus [no author]: Tugwell, 1856 [Ref. 452], p. 56, 92, 109.

Metridium marginatum [no author]: Milne Edwards, 1857 [Ref. 508], p. 254.

Actiniloba dianthus [no author]: Thompson, 1858 [Ref. 252], p. 149.

Metridium fimbriatum Verrill, 1865 [Ref. 457], p. 150 (original description).

Actinia aurantiaca, Jordan (non Delle Chiaje): Andres, 1883 [Ref. 6170], p. 599. *species delendae*

Metridium senile (Linn.): McMurrich, 1911 [Ref. 394], p. 60–65.

Metridium sensile [*sic*] *fimbriatum* Verrill, 1865: Pei, 1998 [Ref. 765], p. 116, 124.

Metridium senele [*sic*] *fimbriatum* Verrill: Pei, 1998 [Ref. 765], p. 229.

diaphana, *Actinia* Rapp, 1829

Valid names used: ***Aiptasia diaphana* (Rapp, 1829)**; ***Diadumene cincta* Stephenson, 1925**

Described from unspecified number.

Type specimens: syntypes *not found*: Italy, Venice

***diaphana*, *Aiptasia* (Rapp, 1829)**

Synonymy: *Actinia diaphana* Rapp, 1829 [Ref. 423], p. 57–58 (original description).

Cribrina diaphana [no author]: Deshayes & Milne Edwards, 1840 [Ref. 68], p. 426.

[*non*] *Actinia diaphana* Rapp.: Delle Chiaje, 1841 [Ref. 69], p. 139.

Actinia elongata Delle Chiaje, 1841 [Ref. 69], p. 138 (attributed to Deel Chiaje, 1830).

Adamsia diaphana [no author]: Milne Edwards, 1857 [Ref. 508], p. 282.

[*non*] *Ilyanthus diaphanus* [no author]: Andres, 1881 [Ref. 4], p. 306, 307, 329–330, 340.

Aiptasia saxicola Andres, 1881 [Ref. 4], p. 307, 325, 338 (original description).

Aiptasia diaphana Rapp.: Andres, 1883 [Ref. 6170], p. 378–379.

Aiptasiomorpha diaphana Rapp, 1829: Stephenson, 1920 [Ref. 449], p. 531.

dichogama, *Anemonia* Kirk & Stuckey, 1909

Valid name: ***Parantheopsis cruentata* (Couthouy in Dana, 1846)**

Described from x7.

Type specimens: syntypes *not found*: New Zealand, Campbell Island

***didemon*, *Stomphia* Siebert, 1973**

Described from x2.

Type specimens: USNM 53855: 1 syntype, USA, Washington, San Juan Islands, San Juan Channel, east of San Juan Island; USNM 53854: 1 syntype, USA, Washington, San Juan Islands, San Juan Channel, east of San Juan Island

Synonymy: *Stomphia didemon* Siebert, 1973 [Ref. 230], p. 364–367 (original description).

Stomphia diademon [*sic*] [no author]: Daly, Chaudhuri, Gusmão, & Rodríguez, 2008 [Ref. 5992], p. 295.

***dietzii*, *Paractis* Duchassaing & Michelotti, 1864**

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, Virgin Islands, St. Thomas

Synonymy: *Paractis Dietzii* Duchassaing & Michelotti, 1864 [Ref. 322], p. 28–29 (original description).

Peractis [*sic*] *Dietzii* [no author]: Duchassaing, 1870 [Ref. 1674], p. 20.

digitata, *Actinia* Müller, 1776

Type species of *Chondractinia* by monotypy. Type species of *Hormathia* by monotypy.

Valid name: ***Hormathia digitata* (Müller, 1776)**

Described from unspecified number.

Type specimens: syntypes *not found*: Denmark

***digitata*, *Actinostella* (McMurrich, 1893)**

Synonymy: *Cradactis digitata* McMurrich, 1893 [Ref. 386], p. 198, 206 (original description).

Phyllactis digitata (McMurrich 1893): Carlgren, 1949 [Ref. 31], p. 67.

Actinostella digitata (McMurrich, 1893): Häussermann, 2003 [Ref. 1881], p. 178.

digitata, *Cradactis* McMurrich, 1893

Type species of *Cradactis* by monotypy.

Valid name: ***Actinostella digitata* (McMurrich, 1893)**

Described from x3 ("No. 692a").

Type specimens: USNM 17776: 2 syntypes, Argentina, La Plata River (U.S. Fish Commission Steamer *Albatross* 1888 sta. 2766)

***digitata*, *Hormathia* (Müller, 1776)**

Synonymy: *Actinia digitata* Müller, 1776 [Ref. 167], p. 231 (original description).

Actinia digitatae [no author]: Müller, 1780 [Ref. 1493], p. 79.

Actinia crassicornis [no author]: Fabricius, 1780 [Ref. 638], p. 348–349.

Actinia spectabilis Fabricius, 1780 [Ref. 638], p. 351–352 (original description).

Actinia ditata [*sic*] [no author]: Gmelin, 1796 [Ref. 91], p. 3134.

Actinia dilatata [sic] Linn., Gmel.: de Blainville, 1830 [Ref. 94], p. 291.
Actinea [sic] *crassicornis* Mull.: Cocks, 1851 [Ref. 36], p. 7.
Cereus digitatus [no author]: Milne Edwards, 1857 [Ref. 508], p. 272.
Tealia digitata (Müller): Gosse, 1858 [Ref. 96], p. 417.
Hormathia Margaritæ Gosse, 1859 [Ref. 98], p. 47–48 (original description).
Urticina digitata (Müll.): Verrill, 1873 [Ref. 463], p. 5, 8–9.
 =? *Urticina nodosa* Fabr.: Verrill, 1873 [Ref. 462], p. 349.
Hormathia Margaritæ Gos.: Andres, 1883 [Ref. 6170], p. 575–576. *incertae sedis*
Chondractinia digitata (O. F. Müller): Haddon, 1889 [Ref. 362], p. 305–308.
Hormathia margaritæ (Gosse): Haddon, 1889 [Ref. 362], p. 309–311.
Hormathia digitata (O. F. Müll): Haddon, 1898 [Ref. 363], p. 459.
Chondractinia [sic] *digitata* O. F. Müll.: Carlgren in Nordgaard, 1905 [Ref. 624], p. 159.
 =? *Chitonanthus incubans* Gravier, 1918 [Ref. 101], p. 12 (original description).
Hormathia margaritæ Gosse: Carlgren, 1928 [Ref. 201], p. 298.
Allantactis parasitica Dan.: Carlgren, 1942 [Ref. 197], p. 34–36.
Hormathiogeton vegae Carlgren, 1942 [Ref. 197], p. 45–46 (original description).
Allantactis parasitica Dan.: Carlgren, 1942 [Ref. 197], p. 34–36.
Hormathia nodosa (Fabr): Carlgren, 1942 [Ref. 197], p. 46–47.
Hormathia josefi Zhiubikas, 1977 [Ref. 1510], p. 120–122 (original description).

digitata, *Stoichactis* Doumenc, 1973

Valid name: ***Cryptodendrum adhaesivum* Klunzinger, 1877**

Described from unspecified number >1.

Type specimens: MNHN 2540: 1 syntype, French Polynesia, Marquesas Islands; MNHN 2038: 1 syntype, French Polynesia, Tuamotu [Paumotu] Archipelago, Gambier Islands, lagoon

***diomedae*, *Oceanactis* (McMurrich, 1893)**

Synonymy: *Oractis Diomedæ* McMurrich, 1893 [Ref. 386], p. 132, 138–140, 206 (original description).

Oractis diomedae Mc Murrich: Carlgren, 1895 [Ref. 734], p. 285.

Oceanactis diomedae (McMurrich, 1893): Sanamyan, 2003 [Ref. 5878], p. 93–100.

diomedæ, *Oractis* McMurrich, 1893

Type species of *Oractis* by monotypy.

Valid name: ***Oceanactis diomedae* (McMurrich, 1893)**

Described from "several specimens."

Type specimens: USNM 17799: 22 syntypes, USA, California, north of Channel Islands, San Clemente Island (U.S. Fish Commission Steamer *Albatross* 1888 sta. 2839); NRS 5621: 1(?) syntypes, USA, California, north of Channel Islands, San Clemente Island (U.S. Fish Commission Steamer *Albatross* 1888 sta. 2839)

***discipulorum*, *Andvakia* Daly & Goodwill, 2009**

Described from holotype, x4 paratypes.

Type specimens: USNM 113966: holotype, USA, Hawaiian Islands, Oahu, Kaneohe, Ke'eia Kea; USNM 3967 [presumably 113967]: 4+ slides of paratype, USA, Hawaiian Islands, Oahu, Kaneohe, Ke'eia Kea

Synonymy: *Andvakia discipulorum* Daly & Goodwill, 2009 [Ref. 6025], p. 263, 264, 267, 268, 269–271 (original description).

dixoniana, *Actinioides* Haddon & Shackleton, 1893

Type species of *Actinioides* by subsequent designation (Carlgren, 1938).

Valid name: ***Anthopleura dixoniana* (Haddon & Shackleton, 1893)**

Described from unspecified number >1.

Type specimens: MZC *no number*: ~24 syntypes, Australia, Queensland, Torres Strait, Mabuiag

***dixoniana*, *Anthopleura* (Haddon & Shackleton, 1893)**

Synonymy: *Actinoides Dixoniana* Haddon & Shackleton, 1893 [Ref. 364], p. 117, 126 (original description).

Actinoides [*sic*] *dixoniana* Haddon & Shackleton: Carlgren, 1896 [Ref. 735], p. 174.

Actinoides Papuensis Haddon, 1898 [Ref. 363], p. 398, 415, 424, 425, 426–428 (original description).

Actinoides [*sic*] *Dixoniana* H. & S.: Carlgren, 1900 [Ref. 195], p. 43 [63].

Actinoides [*sic*] *papuensis* H.: Carlgren, 1900 [Ref. 195], p. 43 [63].

Actinoides dixoniana Hadd. & Shackl.: Pax, 1907 [Ref. 402], p. 77.

Actinoides papuensis Hadd.: Pax, 1907 [Ref. 402], p. 77.

Anthopleura dixoniana (Haddon and Shackleton 1893): Carlgren, 1949 [Ref. 31], p. 54.

Actinogeton papuensis (Haddon 1898): Carlgren, 1949 [Ref. 31], p. 62.

dixonii, *Milne-Edwardsia* Carlgren, 1921

Valid name: ***Edwardsia timida* de Quatrefages, 1842**

Described from x2.

Type specimens: syntypes *not found*: Ireland, County Dublin, Malahide

Comment: New name for specimens of *Edwardsia timida* in Dixon, 1886 [Ref. 683].

***dohrnii*, *Amphianthus* (Koch, 1878)**

Synonymy: *Gephyra Dohrnii* Koch, 1878 [Ref. 642], p. 78–81 (original description).

Gephyra dohrynii [no author]: Hertwig, 1882 [Ref. 380], p. 86, 87.

Sagartia Dohrnii v. Koch.: Andres, 1883 [Ref. 6170], p. 381–382.

Gephyra Dohrni (Koch): Fischer, 1887 [Ref. 80], p. 415–416.

Gephyra Dohrni [*sic*] von Koch: Jourdan, 1895 [Ref. 668], p. 5, 31, 33.

Gephyropsis dohrynii (von Koch, 1878): Stephenson, 1925 [Ref. 445], p. 901–903.

Chondranthus denudatus Migot & Portmann, 1926 [Ref. 161], p. 19–30 (original description).

Chondranthus denudatum [*sic*] [no author]: Migot & Portmann, 1926 [Ref. 588], p. 87–89.

Amphianthus dohrynii (von Koch): Stephenson, 1935 [Ref. 505], p. 282–288.

Gephyropsis Dohrni Koch: Collings, 1938 [Ref. 1351], p. 27.

Amphianthus [*sic*] *dohrni* (v. Koch 1878): Carlgren, 1949 [Ref. 31], p. 99.

Amphianthus [*sic*] *dohrynii* (G. v. Koch, 1878): Pax & Müller, 1955 [Ref. 420], p. 121.

Amphianthus dorni [*sic*] [no author]: Schmidt, 1969 [Ref. 5656], p. 290.

dohrnii, *Gephyra* Koch, 1878

Type species of *Gephyropsis* by original designation. Type species by monotypy of *Gephyra*.

Valid name: ***Amphianthus dohrynii* (Koch, 1878)**

Described from unspecified number.

Type specimens: syntypes *not found*: Italy, Gulf of Naples

***dolosa*, *Carcinactis* Riemann-Zürneck, 1975**

Described from holotype, x24 paratypes.

Type specimens: ZMH C7609: holotype, Brazil, off Rio Grande do Sul (*Walther Herwig* 1968 sta. 55); ZMH C7605: 1 paratype, Brazil, off Rio Grande do Sul (*Walther Herwig* 1968 sta. 55); ZMH C7606: 1 paratype, Brazil, off Rio Grande do Sul (*Walther Herwig* 1968 sta. 55); ZMH C7611: 1 paratype, 26°47'S, 47°52'W (*Walther Herwig* 1968 sta. 76); ZMH C7612: 1 paratype, Brazil, off Rio Grande do Sul (*Walther Herwig* 1968 sta. 55); ZMH C7607: 1 paratype, Brazil, off Rio Grande do Sul (*Walther Herwig* 1968 sta. 55); ZMH C7615: 1 paratype, Brazil, off Rio Grande do Sul (*Walther Herwig* 1968 sta. 55); ZMH C7619: 1 paratype, Brazil, off Rio Grande do Sul (*Walther Herwig* 1968 sta. 55); ZMH C7610: 1 paratype, Brazil, off Rio Grande do Sul (*Walther Herwig* 1968 sta. 55); ZMH C7621: 1 paratype, Brazil, off Rio Grande do Sul (*Walther Herwig* 1968 sta. 55); ZMH C7616: 1 paratype, Brazil, off Rio Grande do Sul (*Walther Herwig* 1968 sta. 55); ZMH C7613: 1 paratype, Brazil, off Rio Grande do Sul (*Walther Herwig* 1968 sta. 55); ZMH C7620: 2 paratype, Brazil, off Rio Grande do Sul (*Walther Herwig* 1968 sta. 55); ZMH C7618: 1 paratype, Brazil, off Rio Grande do Sul (*Walther Herwig* 1968 sta. 55); ZMH C7608: 3 paratypes, Brazil, off Rio

Grande do Sul (*Walther Herwig* 1968 sta. 55); paratypes *not found*: Brazil, off Rio Grande do Sul (*Walther Herwig* 1968 sta. 55)

Synonymy: *Carcinactis dolosa* Riemann-Zürneck, 1975 [Ref. 427], p. 80–86 (original description).

doreensis, *Actinia* Quoy & Gaimard, 1833

Valid name: ***Condylactis doreensis* (Quoy & Gaimard, 1833)** new combination

Described from unspecified number.

Type specimens: syntypes *not found*: New Guinea, Manokwari [Port Dorey]

***doreensis*, *Condylactis* (Quoy & Gaimard, 1833)** new combination

Synonymy: *Actinia doreensis* Quoy et Gaimard: de Blainville, 1830 [Ref. 94], p. 293. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 12.1.

Actinia doreensis Quoy & Gaimard, 1833 [Ref. 194], p. 149–150 (original description).

Paractis Doreyensis [no author]: Milne Edwards, 1857 [Ref. 508], p. 252.

Cereactis doreyensis Q. & Gaim.: Andres, 1883 [Ref. 6170], p. 456–457.

Condylactis Gelam Haddon & Shackleton, 1893 [Ref. 364], p. 117, 123–124 (original description).

Aulactinia Gelam (H. & S.): Haddon, 1898 [Ref. 363], p. 398, 442–443.

Condylactis gelam Hadd. & Shackl.: Pax, 1907 [Ref. 402], p. 22.

Anthopleura Gelam (Haddon and Shackleton 1893): Carlgren, 1949 [Ref. 31], p. 54.

[*non*] *Radianthus gelam* (Haddon and Shackleton): Allen, 1972 [Ref. 794], p. 122, 154, 168, 187, 200, 252, I.

Macroactyla gelam [no author]: Mariscal, 1972 [Ref. 5024], p. 330.

Radianthus gelam Haddon & Shackleton: Allen, 1973 [Ref. 1273], p. 324.

Radianthus malu Haddon et Shackleton: Moyer, 1976 [Ref. 1295], p. 13–14, 19.

Macroactyla doreensis (Quoy & Gaimard, 1833): Dunn, 1981 [Ref. 325], p. 29–37, 57, 71, 106, 108.

Heteractis gelam (Haddon and Shackleton, 1893): Cutress & Arneson, 1987 [Ref. 317], p. 54, 55, 57, 60.

Macroactyla doorensis [*sic*] (Quoy and Gaimard): Richardson, Harriott, & Harrison, 1997 [Ref. 1301], p. 61–62, 64.

Antheopsis doreensis (Quoy et Gaimard, 1833): Uchida & Soyama, 2001 [Ref. 1832], p. 92, 150, 155.

Macroactyla doreenensis [*sic*] [no author]: Daly, Chaudhuri, Gusmão, & Rodríguez, 2008 [Ref. 5992], p. 295.

Condylactis doreensis (Quoy & Gaimard, 1833): new combination herein.

douglasi, *Physobranchia* Saville-Kent, 1893

Type species of *Physobranchia* by monotypy.

Valid name: ***Entacmaea quadricolor* (Leuckart in Rüppell & Leuckart, 1828)**

Described from unspecified number.

Type specimens: syntypes *not found*: Australia, Queensland, Torres Strait, Thursday Island; syntypes *not found*: Australia, Queensland, Cape York, Albany Pass

***dowii*, *Anthopleura* Verrill, 1869**

Described from unspecified number >1.

Type specimens: YPM 2103: 1 syntype, El Salvador, Acajutla; YPM 2104: 3 syntypes, Nicaragua, Realejo; YPM 1011: 3 syntypes, Panama, Pacific coast, under the wharf of the Railroad Company; YPM 2102A: 14 (6 large, 8 small) syntypes, Panama, Pacific coast, under the wharf of the Railroad Company; YPM 2102B: 24 syntypes, Panama, Pacific coast, under the wharf of the Railroad Company; syntypes *not found*: Panama, Golfo de Panama [Gulf of Panama, Bay of Panama], Archipiélago Las Perlas [Pearl Islands]

Synonymy: *Anthopleura Dowii* Verrill, 1869 [Ref. 458], p. 474–475 (original description).

Anthopleura Dovii Verr.: Andres, 1883 [Ref. 6170], p. 441.

Anthopleura dowii Verrill 1869: Carlgren, 1949 [Ref. 31], p. 54.

Bunodactis mexicana Carlgren, 1949 [Ref. 31], p. 66. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 13.1.1.

Bunodactis mexicana Carlgren, 1951 [Ref. 304], p. 421–422 (original description).

Comment: Syntype lot of *Bunodosoma californica* (USNM 49447) split into three by Daly (2004): paralectotype USNM 1013364 actually *Anthopleura dowii*.

draytoni, *Nemactis* Milne Edwards, 1857

Valid name: ***Nemactis primula* (Drayton in Dana, 1846)**

Described from unspecified number of specimens Drayton included in *Actinia primula*.

Type specimens: syntypes *not found*: Peru, Callao, island of San Lorenzo (United States Exploring Expedition ["Wilkes Expedition"])

***dubia*, *Actinia* Lesson, 1830**

Described from unspecified number.

Type specimens: syntypes *not found*: South Africa, Cape of Good Hope

Synonymy: *Actinia dubia* Lesson, 1830 [Ref. 123], p. 77 (original description).

Actinia dubia [no author]: Andres, 1883 [Ref. 6170], p. 591. *species delendae*

***dubium*, *Entacmaea* (Carlgren, 1900) new combination**

Synonymy: *Gyrostoma dubia* Carlgren, 1900 [Ref. 195], p. 36, 38–39 [56, 58–59] (original description).

Gyrostoma dubium Carlgr.: Pax, 1907 [Ref. 402], p. 46, 48–49.

Entacmaea dubium (Carlgren, 1900): new combination herein.

***dubia*, *Epiparactis* Carlgren, 1921**

Type species of *Epiparactis* by monotypy.

Described from x1.

Type specimen: UCMNH *no number*: holotype, North Atlantic Ocean (Danish Ingolf Expedition sta. 78)

Synonymy: *Epiparactis dubia* Carlgren, 1921 [Ref. 196], p. 199–200 (original description).

dubia, *Gyrostoma* Carlgren, 1900

Valid name: ***Entacmaea dubia* (Carlgren, 1900) new combination**

Described from x1.

Type specimen: ZMH C5211: holotype, East Africa, Tanzania, Zanzibar

***dubia*, *Halcampactis* Stuckey, 1909**

Described from unspecified number >1.

Type specimens: syntypes *not found*: New Zealand, North Island, Wellington, Island Bay

Synonymy: *Halcampactis dubia* Stuckey, 1909 [Ref. 244], p. 387 (original description).

Halcampactis [*sic*] *dubia* Stuckey, 1909; Parry, 1951 [Ref. 181], p. 87, 99.

***dubia*, *Isotealia* (Wassilieff, 1908)**

Synonymy: *Leitealia dubia* Wassilieff, 1908 [Ref. 478], p. 20–22 (original description).

Isotealia dubia Wassilieff 1908; Carlgren, 1949 [Ref. 31], p. 56.

dubia, *Leitealia* Wassilieff, 1908

Valid name: ***Isotealia dubia* (Wassilieff, 1908)**

Described from x1.

Type specimen: ZSM 168: holotype, Japan, Honshu, Sagami Bay, Odawara

***dubia*, *Phellia* (Carlgren, 1928)**

Synonymy: *Synphellia dubia* Carlgren, 1928 [Ref. 198], p. 240–243 [118–121] (original description).

Phellia dubia (Carlgren 1928): Carlgren, 1949 [Ref. 31], p. 104.

dubia, *Synphellia* Carlgren, 1928

Valid names used: ***Phellia aucklandica* (Carlgren, 1924); *Phellia dubia* (Carlgren, 1928)**

Described from x1.

Type specimen: MNB 7190: holotype, South Atlantic Ocean, Bouvet Island, east side (Deutschen Tiefsee-Expedition [Valdivia] 1898–1899 sta. 127)

duchassaingi, *Phellia* Andres, 1883

Valid name: ***Telmatactis cricoides* (Duchassaing, 1850)**

Type specimens of a *nomen novum* are those of the species whose name is replaced (International Code of Zoological Nomenclature Article 72.7).

Comments: Labeled n. n. (*nomen novum*) for *Paractis clavata*: Andres changed species name because it had been used by Stimpson for *Edwardsia clavata*. Andres gave date of Stimpson as 1855: it was 1856. Species name *clavata* had been used by several others also. Not a replacement name in sense of International Code of Zoological Nomenclature Article 60. An unnecessary substitute name available nonetheless (International Code of Zoological Nomenclature Article 10.6).

***duerdeni*, *Homostichanthus* Carlgren, 1900**

Described from unspecified number and locality: "Jamaica" provenance of syntypes.

Type specimens: NRS 5543: 3 syntypes, Caribbean Sea, Jamaica

Synonymy: *Actinia anemone* Ellis, 1767 [Ref. 767], p. 436 (original description).

Actinia Anemone Ellis: Ellis & Solander, 1786 [Ref. 71], p. 6.

=? *Actinia denticulosa* Le Sueur, 1817 [Ref. 128], p. 174 (original description).

Discosoma anemone [no author]: Duchassaing, 1850 [Ref. 70], p. 9.

[non] *Discosoma anemone* (Ellis), Duch.: McMurrich, 1889 [Ref. 387], p. 37–41.

Homostichanthus anemone (Ellis): Duerden, 1900 [Ref. 324], p. 142, 167–173.

Homostichanthus Duerdeni Carlgren, 1900 [Ref. 195], p. 117–118 [137–138] (original description).

Homostichanthus duerdeni [no author]: Duerden, 1902 [Ref. 57], p. 365–367.

Homostichanthus [sic] duerdeni Carlgren, 1900: Moreno, 1981 [Ref. 1251], p. 2.

Stichodactyla duerdeni (Carlgren, 1900): Zamponi, Belém, Schlenz, & Acuña, 1998 [Ref. 752], p. 34, 38, 40.

Stychodactyla [sic] duerdeni (Carlgren, 1900): Wirtz, de Melo, & de Grave, 2009 [Ref. 6090], p. 6.

Comment: In introducing the name *Homostichanthus Duerdeni*, Carlgren (1900: 117) stated “ich nenne diese Art so anstatt *H. anemone*,” not explaining his decision. Appears not to be a replacement name in sense of International Code of Zoological Nomenclature Article 60: is widely used presumably because of ambiguity about the name *H. anemone*.

***duodecimentaculata*, *Edwardsia* Carlgren, 1931**

Synonymy: *Edwardsia 12-tentaculata* Carlgren, 1931 [Ref. 287], p. 4–7 (original description).

Edwardsia duodecimentaculata [sic] [no author]: Carlgren, 1950 [Ref. 311], p. 428.

Edwardsioides duodecimentaculata Carlgren, 1931: England, 1987 [Ref. 63], p. 218.

Edwardsia duodecimentaculata [sic] [no author]: Daly, 2002 [Ref. 1716], p. 215, 216, 218.

duodecimcirrata, *Edwardsia* Sars, 1851

Valid names used: ***Halcampa chrysanthellum* (Peach in Johnston, 1847); *Halcampa duodecimcirrata* (Sars, 1851)**

Described from unspecified number.

Type specimens: syntypes *not found*: Norway, near Bergen; syntypes *not found*: Norway, Lofoten Islands, Ure

***duodecimcirrata*, *Halcampa* (Sars, 1851)**

Synonymy: *Edwardsia duodecimcirrata* Sars, 1851 [Ref. 644], p. 142 (original description).

Edwardsia farinacea Verrill, 1869 [Ref. 554], p. 162–163 (original description).

Edwardsia octodecimcirrata (Sars): Verrill, 1879 [Ref. 1494], p. 15.

Halcampa farinacea Verr.: Andres, 1883 [Ref. 6170], p. 314–315.

Edwardsia Lütkenii Andres, 1883 [Ref. 6170], p. 308 (original description).

Edwardsia lütkeni [no author]: Haddon, 1886 [Ref. 367], p. 5.

Halcampa chrysanthellum Peach: Haddon, 1886 [Ref. 367], p. 1–12.

Halcampa duodecimcirrata M. Sars.: Carlgren, 1893 [Ref. 145], p. 38–45, 148.

Halianthus duodecimcirrata Sars.: Kwietniewski, 1896 [Ref. 398], p. 585.

Halcampa duodecimcirrata nitida Verrill, 1922 [Ref. 477], p. 121–122 (original description).

duodecimcirrata nitida, *Halcampa* Verrill, 1922

Valid name: ***Halcampa duodecimcirrata* (Sars, 1851)**

Described from unspecified number.

Type specimens: syntypes *not found*: Canada, No Man's Land

duplicata, *Chondrodactis* Stephenson, 1918

Valid name: ***Phelliactis hertwigi* Simon, 1892**

Described from x24 *ex* four localities.

Type specimens: 1 syntype *not found*: Ireland, 60 miles W. 3/4 N. of Tearaght Light (Irish Fisheries sta. S.R. 327); 1 syntype *not found*: Ireland, 48 miles N. W. by W. 3/4 W. of Tearaght Light (Irish Fisheries sta. S.R. 171); 3 syntypes *not found*: Atlantic Ocean, SW of Ireland (Irish Fisheries sta. S.R. 212); 6 syntypes *not found*: Atlantic Ocean, SW of Ireland (Irish Fisheries sta. S.R. 353); 5 syntypes *not found*: Atlantic Ocean, SW of Ireland (Irish Fisheries sta. S.R. 353); 8 syntypes *not found*: Atlantic Ocean, SW of Ireland (Irish Fisheries sta. S.R. 353)

duplicata, *Dimyactis* Pax, 1922

Type species of *Dimyactis* by monotypy.

Valid name: ***Halianthella kerguelensis* (Studer, 1879)**

Described from unspecified number.

Type specimens: syntypes *not found*: Kerguelen

duregnei, *Bunodes* Fischer, 1889

Valid name: ***Aulactinia rubripunctata* (Grube, 1840)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: France, Gironde, Arcachon

dysancritum, *Entacmaea* (Pax, 1907) new combination

Synonymy: *Gyrostoma dysancritum* Pax, 1907 [Ref. 402], p. 46–47, 48–50, 52 (original description).

Entacmaea dysancritum (Pax, 1907): new combination herein.

dysancritum, *Gyrostoma* Pax, 1907

Valid name: ***Entacmaea dysancritum* (Pax, 1907) new combination**

Described from x1.

Type specimen: ZMH C2580: holotype, East Africa, Tanzania, Zanzibar, Kokotoni

ebhayiensis, *Actinia* Schama, Mitchell, & Solé-Cava, 2012

Described from x1 holotype, x5 paratypes.

Type specimens: MNRJ 6386: holotype, South Africa, Port Elizabeth; MNRJ 6387: paratype, South Africa, Port Alfred; MNRJ 6388: paratype, South Africa, Port Alfred; MNRJ 6389: paratype, South Africa, Port Alfred; MNRJ 6390: paratype, South Africa, Port Alfred; MNRJ 6391: paratype, South Africa, Port Alfred

Synonymy: *Actinia ebhayiensis* Schama, Mitchell, & Solé-Cava, 2012 [Ref. 6250], p. 885–892 (original description).

effoeta, *Actinia* Linnaeus, 1767

Valid names used: ***Calliactis parasitica* (Couch, 1842); *Sagartiogeton viduatus* (Müller, 1776)**

Described from unspecified number *ex* "Oceano".

Type specimens: syntypes *not found*: locality unknown

egletes, *Adamsia* Duchassaing & Michelotti, 1864

Valid name: ***Calliactis tricolor* (Le Sueur, 1817)**

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, Virgin Islands, St. Thomas

ehrenbergii, *Actinia* Brandt, 1835

Valid names used: *Entacmaea quadricolor* (Leuckart in Rüppell & Leuckart, 1828); *Entacmaea helianthus* (Hemprich & Ehrenberg in Ehrenberg, 1834) new combination

Comment: New name for species referred to as *Actinia helianthus* by Ehrenberg (1834) [Ref. 58]; see listing of that species for details of specimens, type locality

elatensis, *Anthopleura* England, 1969

Valid name: *Anthopleura stellula* (Hemprich & Ehrenberg in Ehrenberg, 1834)

Described from x40+.

Type specimens: HUIJ *no number*: holotype, Israel, Red Sea [Mer Rouge], Gulf of Aqaba [Gulf of Eilat, Gulf of Elat], Eilat [Elat]; BMNH 1966.4.15.17-86: 9 paratypes, Israel, Red Sea [Mer Rouge], Gulf of Aqaba [Gulf of Eilat, Gulf of Elat], Eilat [Elat]; BMNH *no number*: 11 paratypes, Israel, Red Sea [Mer Rouge], Gulf of Aqaba [Gulf of Eilat, Gulf of Elat], Eilat [Elat]; HUIJ *no number*: several paratypes, Israel, Red Sea [Mer Rouge], Gulf of Aqaba [Gulf of Eilat, Gulf of Elat], Eilat [Elat]

Comment: Species referred to in text as *eilatensis* but because in title and abstract spelled *elatensis*, latter considered correct spelling.

elegans, *Actinia* Dalyell, 1848

Not type species of *Sagartia* as stated by Carlgren (1949), by Manuel (1981), and by Fautin *et al.* (2007): ineligible because not among species originally included in genus (International Code of Zoological Nomenclature Article 69.2). *Actinia parasitica* designated type species of *Sagartia* by Thompson (1858).

Valid name: *Sagartia elegans* (Dalyell, 1848)

Described from unspecified number.

Type specimens: syntypes *not found*: UK, Scotland

elegans, *Actinoporus* Duchassaing, 1850

Type species of *Actinoporus* by monotypy.

Described from unspecified number.

Type specimens: MZL *no number*: 7 microscope slides of syntypes, Caribbean Sea, Antilles

Synonymy: *Actinoporus elegans* Duchassaing, 1850 [Ref. 70], p. 10 (original description).

Actinoporus Elegans [no author]: Duchassaing, 1870 [Ref. 1674], p. 21.

Aureliania elegans Duch.: Andres, 1883 [Ref. 6170], p. 497.

elegans, *Anemonia* Verrill, 1901

Described from unspecified number >1.

Type specimens: syntypes *not found*: Bermuda, Cony Island (Yale Expedition of 1901); syntypes *not found*: Bermuda, Castle Harbor (Yale Expedition of 1901)

Synonymy: *Anemonia elegans* Verrill, 1901 [Ref. 475], p. 50 (original description).

elegans, *Antheomorpha* Hertwig, 1882

Type species of *Antheomorpha* by monotypy.

Described from x3.

Type specimen: BMNH 1889.11.25.71: 1 syntype, 35°22'N, 169°53'E (*Challenger* Expedition 1873–1876 sta. 244)

Synonymy: *Antheomorpha elegans* Hertwig, 1882 [Ref. 379], p. 26–27, 116 (original description).

elegans, *Edwardsia* Verrill, 1869

Senior homonym to junior primary homonym of Farquhar (1898). Resolved by Stuckey (1909) [Ref. 244], who created replacement name (International Code of Zoological Nomenclature Article 60) *Edwardsia tricolor* for Farquhar species.

Described from unspecified number.

Type specimens: syntypes *not found*: Canada, New Brunswick, Indian Island; syntypes *not found*: USA, Maine, Eastport

Synonymy: *Edwardsia elegans* Verrill, 1869 [Ref. 554], p. 162 (original description). senior homonym

[*non*] *Edwardsia elegans* Farquhar, 1898 [Ref. 75], p. 528–529 (original description). junior primary homonym
Edwardsia elegans picta Verrill, 1922 [Ref. 477], p. 129–131 (original description).

elegans, *Edwardsia* Farquhar, 1898

Junior primary homonym to senior homonym of Verrill (1869). Resolved by Stuckey (1909) [Ref. 244], who created replacement name (International Code of Zoological Nomenclature Article 60) *Edwardsia tricolor* for Farquhar species.

Valid name: ***Edwardsia neozelanica* Farquhar, 1898**

Described from unspecified number >1.

Type specimens: syntypes *not found*: New Zealand, Cook Strait, near Wellington

elegans picta, *Edwardsia* Verrill, 1922

Valid name: ***Edwardsia elegans* Verrill, 1869**

Described from unspecified number.

Type specimens: 1 syntype *not found*: USA, Maine, Portland; syntypes *not found*: Canada, Atlantic Ocean, Bay of Fundy; syntypes *not found*: USA, Maine, Eastport, Clark's Ledge and Prince's Cove; syntypes *not found*: USA, Maine, Casco Bay; syntypes *not found*: USA, Maine, Eastport, Dog Island

elegans, *Ilyanthopsis* Wassilieff, 1908

Type species of *Synhalcurias* by monotypy.

Valid name: ***Synhalcurias elegans* (Wassilieff, 1908)**

Described from x2.

Type specimens: ZSM 157A: 1 syntype, Japan, Honshu, Sagami Bay; ZSM 167: 1 syntype, Japan, Honshu, Sagami Bay

elegans, *Kylindrosactis* Danielssen, 1890

Type species of *Kylindrosactis* by monotypy.

Valid name: ***Stomphia coccinea* (Müller, 1776)**

Described from x1.

Type specimen: MZB 8219: holotype, Norway, Finnmark [Finnmark], Porsanger fiord (Norwegian North Atlantic Expedition 1876–1878 sta. 260)

elegans, *Sagartia* (Dalyell, 1848)

Synonymy: [*non*] *Actinia rosea* Risso, 1826 [Ref. 739], p. 287–288 (original description). senior homonym

[*non*] *Actinia nivea* Lesson, 1830 [Ref. 123], p. 81 (original description). senior homonym

[*non*] *Actinia aurora* Quoy & Gaimard, 1833 [Ref. 194], p. 141–142 (original description). senior homonym

Actinia elegans Dalyell, 1848 [Ref. 672], p. 225–226 (original description).

Actinia miniata Gosse, 1853 [Ref. 616], p. 127 (original description).

Actinia rosea Gosse, 1853 [Ref. 1241], p. 90–93, 95, 232 (original description). junior primary homonym

Actinia nivea Gosse, 1853 [Ref. 1241], p. 93–96, 232, 435 (original description). junior primary homonym

Actinia aurora Gosse, 1854 [Ref. 93], p. 280–281 (original description). junior primary homonym

Actinia venusta Gosse, 1854 [Ref. 93], p. 281–283 (original description).

Bunodes miniata [no author]: Gosse, 1855 [Ref. 95], p. 274.

Sagartia venusta [no author]: Gosse, 1855 [Ref. 95], p. 274.

Sagartia Aurora [no author]: Gosse, 1855 [Ref. 95], p. 274.

Sagartia nivea [no author]: Gosse, 1855 [Ref. 95], p. 274.

Sagartia rosea [no author]: Gosse, 1855 [Ref. 95], p. 274–275.

Actinia pulcherrima Jordan, 1855 [Ref. 6060], p. 86–87 (original description).

[*non*] *Actinia ornata* Holdsworth, 1855 [Ref. 116], p. 236–237 (original description). senior homonym

Actinia ornata Wright, 1856 [Ref. 663], p. 70–72 (original description). junior primary homonym

Actinia Aurora [no author]: Tugwell, 1856 [Ref. 452], p. 57.

Adamsia elegans [no author]: Milne Edwards, 1857 [Ref. 508], p. 280.

Cereus aurora [no author]: Milne Edwards, 1857 [Ref. 508], p. 266.
Cereus venusta [no author]: Milne Edwards, 1857 [Ref. 508], p. 273.
Sagartia miniata (Gosse): Gosse, 1858 [Ref. 96], p. 415.
Sagartia ichthyostoma Gosse, 1858 [Ref. 96], p. 415 (original description).
[*non*] *Sagartia nivea* (Gosse.): Wright, 1859 [Ref. 949], p. 179–180.
Sagartia Gossei Verrill, 1869 [Ref. 458], p. 486 (original description as *nomen novum*).
Heliactis miniata Gos.: Andres, 1883 [Ref. 6170], p. 355–356.
Heliactis venusta Gos.: Andres, 1883 [Ref. 6170], p. 356.
Actinia pulcherrima [no author]: Andres, 1883 [Ref. 6170], p. 599. *species delendae*
Sagartia aurora (Gosse): Dixon, 1888 [Ref. 537], p. 125–127.
Sagartia elegans (Dal.): Haddon, 1889 [Ref. 362], p. 304, 323.
Sagartia rockalliensis Carlgren, 1924 [Ref. 510], p. 27–28 (original description).
Sagartia elegans venusta (Gosse): Stephenson, 1928 [Ref. 504], p. 111.
Sagartia rhododactylos (A. E. Grube, 1840): Pax & Müller, 1962 [Ref. 421], p. 209–211.

***elegans, Synhalcurias* (Wassilieff, 1908)**

Synonymy: *Ilyanthopsis elegans* Wassilieff, 1908 [Ref. 478], p. 8–10 (original description).
Synhalcurias elegans (Wassilieff): Carlgren, 1914 [Ref. 157], p. 69.

elegantissima, Actinia Brandt, 1835

Valid names used: ***Anthopleura elegantissima* (Brandt, 1835); *Anthopleura sola* Pearse & Francis, 2000**

Described from unspecified number.

Type specimens: syntypes *not found*: USA, Alaska, Sitka [Sitcha Island]

***elegantissima, Anthopleura* (Brandt, 1835)**

Synonymy: *Actinia elegantissima* Brandt, 1835 [Ref. 65], p. 13 (original description).

Actinia elegantissima [no author]: Andres, 1883 [Ref. 6170], p. 594. *species delendae*

Cribrina elegantissima (Brandt): McMurrich, 1901 [Ref. 389], p. 18–23, 25, 37–38.

Bunodactis elegantissima (Brandt 1835): Carlgren, 1949 [Ref. 31], p. 66.

Anthopleura elegantissima (Brandt): Carlgren, 1952 [Ref. 306], p. 382–384.

[*non*] *Anthopleura elegantissima* solitary [no author]: Potts & Smith, 1987 [Ref. 234], p. 538–544.

Anthopleura elegantissima clonal [no author]: Potts & Smith, 1987 [Ref. 234], p. 538–544.

elizabethae, Halcampa A. & E. Agassiz in Andres, 1883

Valid name: ***Haloclava producta* (Stimpson, 1856)**

Described from unspecified number.

Type specimens: syntypes *not found*: locality unknown

Comment: For specimens A. and E. Agassiz ostensibly identified as *Halcampa albida*, but Andres listed no publications by Agassiz for dates he gave. Therefore, species *H. albida* seem not to have been described previously. Not a *nomen novum* (as Andres termed it) in sense of the International Code of Zoological Nomenclature: information provided by Andres fulfills requirements of availability (International Code of Zoological Nomenclature Articles 11 and 12).

elongata, Actinia Grube, 1840

Valid name: ***Cerianthus membranaceus* (Spallanzani, 1784)**

Listed as *species delendae* by Andres (1883).

Described from unspecified number.

Type specimens: syntypes *not found*: Italy, Sicily, Palermo; syntypes *not found*: Italy, Naples

Comment: Belongs in order Ceriantharia

***elongata, Aiptasiomorpha* Carlgren, 1951**

Described from x1.

Type specimen: USNM 49417: holotype, Mexico, Sonora, Gulf of California, San Carlos Bay

Synonymy: *Aiptasiomorpha elongata* Carlgren, 1949 [Ref. 31], p. 109. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 13.1.1.

Aiptasiomorpha elongata Carlgren, 1951 [Ref. 304], p. 26–28 (original description)

***elongata*, *Aulactinia* (McMurrich, 1904) new combination**

Synonymy: *Cribrina elongata* McMurrich, 1904 [Ref. 391], p. 289–290 (original description).

Bunodactis elongata (Mc Murrich 1904): Carlgren, 1949 [Ref. 31], p. 66.

Aulactinia elongata (McMurrich, 1904): new combination herein.

***elongata*, *Cadetactis* (Carlgren, 1950) new combination**

Synonymy: *Charisella elongata* Carlgren, 1949 [Ref. 31], p. 46. *nomen nudum*: unavailable under International Code of Zoological Nomenclature article 13.1.1.

Charisella elongata Carlgren, 1950 [Ref. 311], p. 431–433 (original description).

Cadetactis elongata (Carlgren, 1950): new combination herein.

elongata, *Charisella* Carlgren, 1950

Type species of *Charisella* by original designation: type species of *Cadetactis* by replacement.

Valid name: ***Cadetactis elongata* (Carlgren, 1950)**

Described from x2.

Type specimens: BMNH 1954.6.28.27: 2 syntypes, Australia, Queensland, Great Barrier Reef, Low Isles (Great Barrier Reef Expedition 1928–29)

elongata, *Cribrina* McMurrich, 1904

Valid name: ***Aulactinia elongata* (McMurrich, 1904) new combination**

Described from x1.

Type specimen: holotype *not found*: Chile, Iquique (Plate Expedition)

***elongata*, *Epiphellia* Carlgren, 1950**

Described from x2.

Type specimens: BMNH 1954.6.28.14: 2 syntypes, Australia, Queensland, Great Barrier Reef, Low Isles (Great Barrier Reef Expedition 1928–29)

Synonymy: *Epiphellia elongata* Carlgren, 1949 [Ref. 31], p. 90. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 13.1.1.

Epiphellia elongata Carlgren, 1950 [Ref. 311], p. 427, 452–453 (original description).

elongata, *Hormathia* Gravier, 1918

Valid name: ***Chondrophellia coronata* (Verrill, 1883)**

Described from x9 *ex* two localities.

Type specimens: MOM 13 0010A: 3 syntypes, 38°26'N, 26°30'45"W (Prince Albert I of Monaco Campagne de 1895: *Princesse-Alice* et l'*Hirondelle* sta. 578); MOM 13 0058: 6 syntypes (in 2 containers), Morocco, Atlantic Ocean, 50 miles from Mogador (Essaouira) (Prince Albert I of Monaco Campagne de 1901: *Princesse-Alice* et l'*Hirondelle* sta. 1116)

elongata, *Porponia* Hertwig, 1882

Type species of *Porponia* by monotypy.

Valid name: ***Actinernus elongatus* (Hertwig, 1882)**

Described from x2.

Type specimens: BMNH 1889.11.25.29: 2 syntypes, 42°42'S, 134°10'E (*Challenger* Expedition 1873–1876 sta. 160)

elongata, *Sicyonis* Hertwig, 1888

Type species of *Synsicyonis* by monotypy.

Valid name: ***Synsicyonis elongata* (Hertwig, 1888)**

Described from x1.

Type specimen: BMNH 1889.11.25.47: holotype, 35°22'N, 169°53'E (*Challenger* Expedition 1873–1876 sta. 244)

***elongata*, *Synsicyonis* (Hertwig, 1888)**

Synonymy: *Sicyonis elongata* Hertwig, 1888 [Ref. 382], p. 33–34 (original description).

Synsicyonis elongata Hertwig 1888: Carlgren, 1949 [Ref. 31], p. 81.

elongatus, *Acraspedanthus* Carlgren, 1924

Type species of *Acraspedanthus* by monotypy.

Valid name: ***Isoparactis ferax* (Stuckey, 1909)**

Described from x15 ex two localities.

Type specimens: NRS 4046: 2 syntypes, New Zealand, North Island, North Cape; UCMNH *no number*: 12 syntypes, New Zealand, North Island, North Cape; UCMNH *no number*: 1 syntype, New Zealand, North Island, Slipper Island

***elongatus*, *Actinernus* (Hertwig, 1882)**

Synonymy: *Porponia elongata* Hertwig, 1882 [Ref. 379], p. 111–113, 116 (original description).

Porponia antarctica Carlgren, 1914 [Ref. 157], p. 50–54 (original description).

Actinernus elongatus (R. Hertw.) Carlgren.: Carlgren, 1918 [Ref. 158], p. 33.

Actinernus antarcticus (Carlgr.): Carlgren, 1918 [Ref. 158], p. 35–36.

***elongatus*, *Actinoporus* Carlgren, 1900**

Described from x2 ex two localities, one unknown.

Type specimen: MZL 316: 1 syntype, East Africa, Mozambique, Querimba Island

Synonymy: *Actinoporus elongatus* Carlgren, 1900 [Ref. 153], p. 283–287 (original description).

elongatus, *Halcampoides* Carlgren in Stephens, 1912

Valid name: ***Halcampoides purpureus* (Studer, 1879)**

Described from x1.

Type specimen: holotype *not found*: Ireland, 2.1 miles E ¼ N of Clare Island lighthouse

***endocoelactis*, *Halcurias* Stephenson, 1918**

Described from x1.

Type specimen: BMNH 1918.5.12.2/3: holotype, New Zealand, seven miles E of North Cape (*Terra Nova* Expedition 1910 sta. 96); BMNH 1918.8.16.2: 11 microscope slides of holotype, New Zealand, seven miles E of North Cape (*Terra Nova* Expedition 1910 sta. 96)

Synonymy: *Halcurias endocoelactis* Stephenson, 1918 [Ref. 448], p. 14–18 (original description).

endromitata, *Halcampa* Andres, 1881

Not type species of ***Halcampella*** by monotypy, as stated by Carlgren (1949) and by Fautin *et al.* (2007): Opinion 2073 of the International Commission on Zoological Nomenclature (Bulletin of Zoological Nomenclature 61(2):123: June 2004) designated *Halcampella maxima* as type species.

Valid names used: ***Halcampa medusophila* Graeffe, 1884; *Halcampella endromitata* (Andres, 1881)**

Described from unspecified number.

Type specimens: syntypes *not found*: Italy, Naples, Palazzo di Donn' Anna

***endromitata*, *Halcampella* (Andres, 1881)**

Synonymy: *Halcampa endromitata* Andres, 1881 [Ref. 4], p. 331, 340 (original description).

Halcampella endromitata Andr.: Andres, 1883 [Ref. 6170], p. 315–316.

=? *Halcampa medusophila* Graeffe, 1884 [Ref. 1356], p. 335–336 (original description).

Halcampa endromitata Andres, 1883 [also (Andres, 1880)]: Chintiroglou *et al.* (1997) [Ref. 603], p. 66, 67. *nomen dubium*

Halcampa endromitata (Andres, 1881): Rodriguez & López-González (2002) [Ref. 1726], p. 44, 48. *nomen dubium*

Comment: Chintiroglou *et al.* (1977, p. 66) stated the name does “not fulfill criteria for validity (ICZN),” but the International Code of Zoological Nomenclature has no criteria for validity.

***entellae*, *Sagartiogeton* Schmidt, 1972**

Described from x1.

Type specimen: SMF 1950: holotype, Mediterranean Sea, Adriatic Sea

Synonymy: *Sagartiogeton entellae* Schmidt, 1972 [Ref. 441], p. 57–58 (original description).

epizoica, *Antholoba* Pax, 1922

Valid name: ***Anthosactis epizoica* (Pax, 1922)**

Described from unspecified number.

Type specimen: MNB 7257: 1 syntype, 66°2'S, 89°38'E (Deutsche Sudpolar-Expedition 1901–03 Gauß-Station)

***epizoica*, *Anthosactis* (Pax, 1922)**

Synonymy: *Antholoba epizoica* Pax, 1922 [Ref. 413], p. 84 (original description).

Sagartia antarctica Pax, 1922 [Ref. 413], p. 88–89 (original description).

Anthosactis epizoica (Pax): Carlgren, 1928 [Ref. 198], p. 251–252 [129–130].

eques, *Bolocera* Gosse, 1860

Valid names used: ***Urticina felina* (Linnaeus, 1761); *Urticina lofotensis* (Danielssen, 1890)**

Described from x1.

Type specimen: holotype *not found*: England, North Sea, off River Tees 10 mi

***equina*, *Actinia* (Linnaeus, 1758)**

Synonymy: *Priapus equinus* Linnaeus, 1758 [Ref. 768], p. 656 (original description).

Actinia equina [no author]: Linnaeus, 1767 [Ref. 130], p. 1088.

Priapus ruber Forsskål, 1775 [Ref. 86], p. 101–102 (original description).

[*non*] *Actinia rufa* Müller, 1776 [Ref. 167], p. 231 (original description). senior homonym.

Actinia hemispherica Pennant, 1777 [Ref. 637], p. 41–42 [50] (original description).

Actinia Mesembryanthemum Ellis & Solander, 1786 [Ref. 71], p. 4 (original description).

Actinia purpurea Cuvier, 1798 [Ref. 769], p. 653 (original description).

Actinia corallina Risso, 1826 [Ref. 739], p. 285 (original description).

[*non*] *Actinia rufa* Risso, 1826 [Ref. 739], p. 285 (original description). junior primary homonym

Actinia hemisphaerica Pennant: de Blainville, 1830 [Ref. 94], p. 291

Actinia (Tristephanus) mesembryanthemum Ellis: Brandt, 1835 [Ref. 65], p. 11.

Actinia margaritifera Templeton, 1836 [Ref. 731], p. 304 (original description).

Actinia chiococca W.P. Cocks in Johnston, 1847 [Ref. 694], p. 214 (original description).

Actinia cerasum Dalyell, 1848 [Ref. 672], p. 219–223 (original description).

Actinea [*sic*] *chiococca* Cocks: Cocks, 1850 [Ref. 6093], p. 94.

Actinia margaritifera Templeton: Cocks, 1850 [Ref. 6093], p. 94.

Actinea [*sic*] *mesembryanthemum* Linnæus: Cocks, 1851 [Ref. 36], p. 5.

Actinea [*sic*] *Chiococca* Cocks: Cocks, 1851 [Ref. 36], p. 5.

Actinea [*sic*] *Margaritifera* Thompson: Cocks, 1851 [Ref. 36], p. 5.

Actinia Chiococca [no author]: Gosse, 1855 [Ref. 95], p. 274.

Actinia fragacea Tugwell, 1856 [Ref. 452], p. 47–48, 53, 96 (original description).

Actinia forskæli [no author]: Milne Edwards, 1857 [Ref. 508], p. 241.

Actinia equini [*sic*] [no author]: Cuvier, 1863 [Ref. 1247], p. 672.

Actinia equina Lin.: Andres, 1883 [Ref. 6170], p. 397–402, 596–597: lists Contarini (1844) usage as "species delendae".

Actinia equina mesembryanthemum Linné: Simon, 1892 [Ref. 233], p. 42–45.

Actinia equina chiococca Andr.: Rizzi, 1907 [Ref. 773], p. 20–21.

[*non*] *Actinia equina* Linnaeus, 1767: Blackburn, 1937 [Ref. 795], p. 369.

Actinia equine [*sic*] [no author]: Tsurpalo & Kostina, 2003 [Ref. 1787], p. 31.

equina mediterranea, *Actinia* Schmidt, 1971

Valid name: ***Actinia mediterranea* Schmidt, 1971**

Described from unspecified number.

Type specimens: SMF 1958: 3 syntypes, Italy, Stromboli; SMF 1960: 7? syntypes, Italy, Stromboli; SMF 1955: 1 syntype, Italy, Naples; SMF 1957: 1 syntype, Italy, Calabria, Scilla; SMF 1959: 1 syntype, Italy, Stromboli; SMF 1961: 1 syntype, Spain, Bay of Biscay, Celorie; SMF 1956: 2 syntypes, Italy, Naples

equina striata, *Actinia* Rizzi, 1907

Valid name: ***Actinia striata* Rizzi, 1907**

Junior primary homonym to *Actinia striata* of Risso (1826) and of Quoy & Gaimard (1833). Homonymy between names of Quoy & Gaimard and Rizzi unresolved. Resolved other homonym by moving Risso species to another genus.

Described from unspecified number.

Type specimens: syntypes *not found*: Italy, Venice, lagoon by the internal wall of the fort of S. Nicolò di Lido

equinus, *Priapus* Linnaeus, 1758

Type species of ***Actinia*** in agreement with Carlgren (1949) [Ref. 31], with Manuel (1981), with Opinion 1295 of the International Commission on Zoological Nomenclature (Bulletin of Zoological Nomenclature 42:34–36: April 1985), and with Fautin *et al.* (2007): Thompson (1858), who is credited with designating *A. equinus* the type species, also listed it as *A. mesembryanthemum*, which is ineligible because not among species originally included in genus (International Code of Zoological Nomenclature Article 69.2).

Taxon incorrectly rendered on p. 226 of Melville & Smith (1987) as Holothuroidea.

Valid name: ***Actinia equina* (Linnaeus, 1758)**

Described from unspecified number.

Type specimens: syntypes *not found*: European ocean

***errans*, *Tricinidactis* de Oliveira Pires, 1987**

Type species of ***Tricinidactis*** by monotypy.

Described from unspecified number. Specimens referred to as holotype and paratypes by de Oliveira Pires (1988) [Ref. 190] neotype and vouchers, respectively, because published after original description (de Oliveira Pires, 1987) [527].

Type specimen: MNRJ 01122: neotype, Brazil, Rio de Janeiro, Guanabara Bay

Synonymy: *Tricinidactis errans* de Oliveira Pires, 1987 [Ref. 527], p. 275 (original description).

Tricinidactis [*sic*] *errans* Pires, 1988: Zamponi, 2002 [Ref. 5710], p. 11.

eruptaurantia, *Actinothoe* Field, 1949

Valid name: ***Aiptasiogeton eruptaurantia* (Field, 1949)**

Described from unspecified number.

Type specimens: syntypes *not found*: USA, North Carolina, Beaufort

***eruptaurantia*, *Aiptasiogeton* (Field, 1949)**

Synonymy: *Actinothoe eruptaurantia* Field, 1949 [Ref. 585], p. 6, 16–17, 20 (original description).

Aiptasia eruptaurantia (Field): Carlgren, 1952 [Ref. 306], p. 377–378.

Aiptasiogeton eruptaurantia [no author]: Sebens, 1998 [Ref. 453], p. 12, 16, 32, 56.

erythraea, *Actinia* Hemprich & Ehrenberg *in* Ehrenberg, 1834

Valid name: ***Anemonia erythraea* (Hemprich & Ehrenberg *in* Ehrenberg, 1834)**

Described from unspecified number.

Type specimens: MNB 177: 1 syntype, Egypt, Red Sea [Mer Rouge], Tor [Tur, El-Tur, El Tûr]

***erythraea*, *Anemonia* (Hemprich & Ehrenberg *in* Ehrenberg, 1834)**

Synonymy: *Actinia erythraea* Hemprich & Ehrenberg *in* Ehrenberg, 1834 [Ref. 58], p. 261 (original description).

Actinia (Tristephanus) erythraea Ehrenb.: Brandt, 1835 [Ref. 65], p. 11.

Paractis erythraea [no author]: Klunzinger, 1877 [Ref. 121], p. 71.

Paractis erythraea Ehr.: Andres, 1883 [Ref. 6170], p. 476.

Entacmaea erythraea H. u. E.: Carlgren, 1899 [Ref. 152], p. 14.
Anemonia erythraea (H. & E.): Pax, 1907 [Ref. 402], p. 61, 67–69.
Anemonia erythrea (H. and E., Ehrenberg 1834): Carlgren, 1949 [Ref. 31], p. 50.

erythraios, Sagartiogeton Zelnio, Rodríguez, & Daly, 2009

Described from holotype, x2 paratypes.

Type specimens: USNM 1114491: holotype, Fiji, Lau Basin (ABE, MGLNO7MV sta. J2-237); USNM 1114492: 2 paratypes, Fiji, Lau Basin (ABE, MGLNO7MV sta. J2-237)

Synonymy: *Sagartiogeton erythraios* Zelnio, Rodríguez, & Daly, 2009 [Ref. 6100], p. 562, 563, 564, 567, 569 (original description).

erythrocephala, Cymbactis Pax, 1922

Valid name: ***Sicyonis erythrocephala* (Pax, 1922)**

Described from unspecified number.

Type specimens: MNHN 2377: 2 syntypes, 70°10'S, 78°30'W, *Pourquoi Pas*

erythrocephala, Sicyonis (Pax, 1922)

Synonymy: *Cymbactis erythrocephala* Pax, 1922 [Ref. 413], p.82– 83 (original description).

Sicyonis erythrocephala (Pax): Carlgren, 1927 [Ref. 210], p. 57–58.

Sicyonis aurora Carlgren & Stephenson, 1929 [Ref. 211], p. 19–21 (original description).

Sicyonis antarctica Carlgren, 1939 [Ref. 295], p. 795–797 (original description).

erythrochila, Sagartia Fischer, 1874

Type species of *Solenactinia* by monotypy.

Valid name: ***Diadumene cincta* Stephenson, 1925**

Described from unspecified number >1.

Type specimens: syntypes *not found*: France, Gironde, Arcachon

erythrosoma, Actinia Hemprich & Ehrenberg in Ehrenberg, 1834

Valid name: ***Entacmaea quadricolor* (Leuckart in Rüppell & Leuckart, 1828)**

Described from unspecified number.

Type specimens: MNB 164: 1 syntype Egypt, Red Sea [Mer Rouge], Tor [Tur, El-Tur, El Tûr]; NRS 54: piece of margin of syntype Egypt, Red Sea [Mer Rouge], Tor [Tur, El-Tur, El Tûr]

erythrosoma, Paranthus Pax, 1922

Valid name: ***Hormathia lacunifera* (Stephenson, 1918)**

Described from unspecified number.

Type specimens: MZL LXX/6563: 1 syntype, Antarctica, South Shetland Islands, King George's Island (*Pourquoi Pas* sta. XVIII); MNHN 2374: 4? syntypes, Antarctica, South Shetland Islands, King George's Island (*Pourquoi Pas* sta. XVIII)

erythrospilota, Actinia Brandt, 1835

Described from unspecified number.

Type specimens: syntypes *not found*: Japan, Ogasawara Islands [Bonin Islands] Islands

Synonymy: *Actinia erythrospilota* Brandt, 1835 [Ref. 65], p. 14 (original description).

Actinia erythrospilota [no author]: Andres, 1883 [Ref. 6170], p. 594. *species delendae*

euchlora, Actinia Hemprich & Ehrenberg in Ehrenberg, 1834

Valid name: ***Entacmaea euchlorum* (Hemprich & Ehrenberg in Ehrenberg, 1834) new combination**

Described from unspecified number.

Type specimens: MNB 165: 1½ syntypes, Egypt, Red Sea [Mer Rouge], between Tor [Tur, El-Tur, El Tûr] and Ras Muhammed [Ras Mohammed]

euchlorum, Entacmaea (Hemprich & Ehrenberg in Ehrenberg, 1834) new combination

Synonymy: *Actinia euchlora* Hemprich & Ehrenberg in Ehrenberg, 1834 [Ref. 58], p. 258 (original description).
Actinia (Tetrastephanus) euchlora Ehrenb.: Brandt, 1835 [Ref. 65], p. 11.
Isacmaea enchlora [sic] Ehrenberg: Milne Edwards, 1857 [Ref. 508], p. 288.
Paractis euchlora [no author]: Klunzinger, 1877 [Ref. 121], p. 72.
Gyrostoma euclora [sic] (H. and E. Ehrenberg 1834): Carlgren, 1949 [Ref. 31], p. 59.
Entacmaea euchlora (Hemprich & Ehrenberg in Ehrenberg, 1834): new combination herein.

eugenia, Cystiactis Duchassaing & Michelotti, 1864

Described from unspecified number >1.

Type specimens: syntypes *not found*: Caribbean Sea, Virgin Islands, St. Thomas

Synonymy: *Cystiactis Eugenia* Duchassaing & Michelotti, 1864 [Ref. 322], p. 35 (original description).

Cystiactis eugenia Duchassaing & Michelotti: Duerden, 1902 [Ref. 57], p. 350–351.

Viatrix eugenia (Duchassaing and Michelotti, 1866): Seaton, 1981 [Ref. 5115], p. 82, 95, 111, 113, 116–119, 122–123, 126–130.

excavata, Anthosactis (Hertwig, 1882)

Synonymy: *Paractis excavata* Hertwig, 1882 [Ref. 379], p. 36–38, 116 (original description).

Alloactis excavata Hert.: Verrill, 1899 [Ref. 471], p. 144.

Anthosactis excavata (Hertwig 1882): Carlgren, 1949 [Ref. 31], p. 82.

excavata, Gyraetis Boveri, 1893

Type species of *Gyraetis* by subsequent designation (Fautin *et al.*, 2007).

Authorship in agreement with Neave (1939b).

Valid name: ***Gyraetis sesere (Haddon & Shackleton, 1893)***

Described from x6.

Type specimens: syntypes *not found*: Sri Lanka [Ceylon], Galle

Comment: England (1987) and Fautin *et al.* (2007) discussed nomenclatural issues.

excavata, Paractis Hertwig, 1882

Type species of *Alloactis* by original designation.

Valid name: ***Anthosactis excavata (Hertwig, 1882)***

Described from x1.

Type specimen: BMNH 1889.11.25.65: holotype, 33°42'S, 78°18'W (*Challenger* Expedition 1873–1876 sta. 300)

excelsa, Actinostella (Wassilieff, 1908)

Synonymy: *Cradactis excelsa* Wassilieff, 1908 [Ref. 478], p. 23–24 (original description).

Phyllactis excelsa (Wassilieff 1908): Carlgren, 1949 [Ref. 31], p. 67.

Actinostella excelsa (Wassilieff, 1908): Häussermann, 2003 [Ref. 1881], p. 179.

excelsa, Actinostola McMurrich, 1893

Valid name: ***Actinostola crassicornis (Hertwig, 1882)***

Described from x3: x1 listed as "No. 696", x2 listed as "No. 698".

Type specimens: USNM 17781: 1 syntype, Argentina, east of Grande Bay (U.S. Fish Commission Steamer *Albatross* 1888 sta. 2771); USNM 17780: 1 syntype, Argentina, between Puerto Deseado and San Julian Cape Vigia (U.S. Fish Commission Steamer *Albatross* 1888 sta. 2770)

excelsa, Cradactis Wassilieff, 1908

Valid name: ***Actinostella excelsa (Wassilieff, 1908)***

Described from x1.

Type specimen: ZSM 161A: holotype, Japan, Honshu, Sagami Bay, Aburatsubo

exile, Metridium Hand, 1956

Synonymy: *Metridium exilis* Hand, 1956 [Ref. 372], p. 206–210 (original description).

Metridium excile [sic] Hand, 1955: Kostina, 1988 [Ref. 506], p. 19.

Metridium exile Hand, 1956: correct spelling original herein.

exilis, *Metridium* Hand, 1956

Valid name: ***Metridium exile* Hand, 1956** for gender agreement

Described from x38 *ex* 10 localities. Specimen referred to as lectotype by Hand (1957) [Ref. 373] actually neotype because published after original description.

Type specimen: USNM 50642: neotype designated by Hand (1957): USA, California, San Mateo County, Pigeon Point

exlex, *Hormathia* McMurrich, 1904

Valid names used: ***Phellia aucklandica* (Carlgren, 1924); *Phellia exlex* (McMurrich, 1904)**

Described from x2.

Type specimens: MNB 4227: piece of syntype, Chile, Los Lagos, Calbuco (Plate Expedition); NRS 81: piece of syntype, Chile, Los Lagos, Calbuco (Plate Expedition)

***exlex*, *Phellia* (McMurrich, 1904)**

Synonymy: *Hormathia exlex* McMurrich, 1904 [Ref. 391], p. 279–282 (original description).

Synphellia exlex (Mc Murr.): Carlgren, 1927 [Ref. 210], p. 71–73.

Phellia exlex (Mc Murrich 1904): Carlgren, 1949 [Ref. 31], p. 104.

expansa, *Asteractis* Duerden in McMurrich, 1898

Valid name: ***Actinostella flosculifera* (Le Sueur, 1817)**

Described from x26.

Type specimens: syntypes *not found*: Cuba, Caribbean Sea, Bahia Honda

***expansa*, *Cancrisocia* Stimpson, 1856**

Type species of *Cancrisocia* by monotypy.

Described from unspecified number.

Type specimens: syntypes *not found*: China seas

Synonymy: *Cancrisocia expansa* Stimpson, 1856 [Ref. 239], p. 376 (original description).

Sagartia expansa Stimp.: Andres, 1883 [Ref. 6170, p. 394.

Carcinophila [*sic*—no such genus exists in Actiniaria] *expansa* Verrill: Verrill, 1928 [Ref. 263], p. 16.

expansa, *Chitonactis* Haddon, 1886

Type species of *Paraphellia* Haddon by monotypy: type species of *Haddonactis* by replacement.

Valid name: ***Haddonactis expansa* (Haddon, 1886)** new combination

Described from x1.

Type specimen: holotype *not found*: Ireland, 7 miles S.S.W. of Dursey Head [given also as about 4 mi S of Dursey Island] (Marine Fauna of the South-west of Ireland [Lord Bandon] sta. 7, Log no. 22)

***expansa*, *Haddonactis* (Haddon, 1886)** new combination

Also in synonymy of *Cataphellia brodrickii*

Synonymy: *Chitonactis expansa* Haddon, 1886 [Ref. 781], p. 616 (original description).

Paraphellia expansa (Haddon): Haddon, 1889 [Ref. 362], p. 321–324.

Haddonactis expansa (Haddon, 1886) : new combination herein.

explorator, *Actinia* Dalyell, 1848

Valid names used: ***Sagartia troglodytes* (Price in Johnston, 1847); *Sagartiogeton viduatus* (Müller, 1776)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: UK, Scotland

***exul*, *Pelocoetes* (Annandale, 1907)**

Synonymy: [*pro parte*] *Metridium schillerianum exul* Annandale, 1907 [Ref. 5], p. 48–73 (original description).

Pelocoetes exul (Annandale): Annandale, 1915 [Ref. 6], p. 69: 76: 86–88.

Pelocætes exul Annand.: Panikkar, 1935 [Ref. 542], p. 177–178.

***eydouxii*, *Cystiactis* Milne Edwards, 1857**

Described from unspecified number.

Type specimens: syntypes *not found*: Chile

Synonymy: *Cystiactis Eydouxi* Milne Edwards, 1857 [Ref. 508], p. 276 (original description).

Cystiactis Eydouxii M. Edw.: Andres, 1883 [Ref. 6170], p. 453.

***fabiani*, *Isoparactis* (Häussermann & Försterra, 2008)**

Synonymy: *Paraisanthus fabiani* Häussermann & Försterra, 2008 [Ref. 5991], p. 27, 28, 31–40 (original description).

Isoparactis fabiani (Häussermann and Försterra, 2008): Lauretta, Häussermann, Brugler, & Rodríguez, 2014 [Ref. 6243], p. 31–32, 34–35, 37–40.

fabiani, *Paraisanthus* Häussermann & Försterra, 2008

Valid name: ***Isoparactis fabiani* (Häussermann & Försterra, 2008)**

Described from holotype, many paratypes.

Type specimens: ZSM 20070246: holotype, Chile, SW of Chiloé Island, Cailín Island; MUC 32790: 1 paratype, Chile, Isla Laurel/Guaitecas Islands; USNM 1101612: 2 paratypes, Chile, Isla Leucayek South/Guaitecas Islands; USNM 1101613: 1 paratype, Chile, close to Chiloé Island, Isla Laitec, Piedra Lile; USNM 1101611: 1 paratype, Chile, Chiloé Island, Quellón; UAC 0138: 1 paratype, Chile, close to Chiloé Island, Isla Laitec, Piedra Lile; ZSM 20051701: 1 paratype, Chile, Chiloé Island, Faro Corona; ZSM 20070247/2: 5 paratypes, Chile, Chiloé Island, Quellón; ZSM 20051721: 1 paratype, Chile, close to Chiloé Island, Isla Cailín; ZSM 20070247/1: 5 paratypes, Chile, Chiloé Island, Quellón; ZSM 20070249: 1 paratype, Chile, Isla Leucayek South/Guaitecas Islands; ZSM 20070247/1: 5 paratypes, Chile, Chiloé Island, Quellón; ZSM 20051691: 4 paratypes, Chile, close to Chiloé Island, Isla Cailín; ZSM 20051686: 2 paratypes, Chile, Chiloé Island, Faro Corona; ZSM 20070251: 1 paratype, Chile, Canal Copihue/Archipelago Madre de Dios; ZSM 20051690: 5 paratypes, Chile, Chiloé Island, Quellón; ZSM 20070250: 1 paratype, Chile, Isla Laurel/Guaitecas Islands; ZSM 20051705: 2 paratypes, Chile, close to Chiloé Island, Isla Cailín

***faeculenta*, *Actinostola* (McMurrich, 1893)**

Synonymy: *Cymbactis faeculenta* McMurrich, 1893 [Ref. 386], p. 174–175, 206 (original description).

Cymbactis faeculenta McMurr.: Verrill, 1899 [Ref. 472], p. 205.

Paractinostola faeculenta (McMurrich 1893): Carlgren, 1949 [Ref. 31], p. 79.

Actinostola faeculenta (McMurrich, 1893): Eash-Loucks & Fautin, 2012 [Ref. 6202], p. 3, 4, 6, 22–25, 48, 60–62.

faeculenta, *Cymbactis* McMurrich, 1893

Type species of *Cymbactis* by monotypy.

Valid name: ***Actinostola faeculenta* (McMurrich, 1893)**

Described from x6.

Type specimens: USNM 17803: 4 syntypes, USA, California, north of Channel Islands, San Clemente Island (U.S. Fish Commission Steamer *Albatross* 1888 sta. 2839)

***falklandicus*, *Phelliogeton* Carlgren, 1927**

Type species of *Phelliogeton* by monotypy.

Described from x1.

Type specimen: NRS 4026: holotype, South Atlantic Ocean, Falkland Islands, Port William (Swedish Antarctic [South Polar] Expedition 1901–1903)

Synonymy: *Phelliogeton falklandicus* Carlgren, 1927 [Ref. 210], p. 68–70 (original description).

fallax, *Bunodactis* Pax, 1922

Valid name: ***Bunodosoma fallax* (Pax, 1922)**

Described from unspecified number.

Type specimens: MNB 7171: 3? syntypes, Indian Ocean, Neu-Amsterdam (Deutsche Sudpolar-Expedition 1901–03)

***fallax*, *Bunodosoma* (Pax, 1922)**

Synonymy: *Bunodactis fallax* Pax, 1922 [Ref. 413], p. 79 (original description).

Bunodosoma fallax (Pax): Carlgren, 1928 [Ref. 198], p. 249–251 [127–129].

farcimen, *Actinia* Brandt, 1835

Valid name: ***Metridium farcimen* (Brandt, 1835)**

Described from unspecified number.

Type specimens: syntypes *not found*: Russia, Kamchatka, Avacha [Awatcha] Bay

***farcimen*, *Metridium* (Brandt, 1835)**

Synonymy: [*non*] *Actinia Priapus* [no author]: Gmelin, 1796 [Ref. 91], p. 3134.

Actinia Priapus Tilesius, 1809 [Ref. 613], p. 405–415 (original description).

Actinia (Polystephanus) farcimen Brandt, 1835 [Ref. 65], p. 12 (original description).

Heliactis farcimen Brandt: Andres, 1883 [Ref. 6170], p. 389–390.

Dendractis priapus Til.: Andres, 1883 [Ref. 6170], p. 570, 572–573. *incertae sedis*

[*non*] *Actinia priapus* [no author]: McMurrich, 1901 [Ref. 389], p. 13.

Isometridium Richettsi [*sic*] Carlgren, 1949 [Ref. 31], p. 106. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 13.1.1.

Isometridium rickettsi Carlgren, 1951 [Ref. 304], p. 430–432 (original description).

Isometridium rickettsi [*sic*] [no author]: Hand, 1956 [Ref. 372], p. 191.

Metridium giganteum Fautin, Bucklin, & Hand, 1990 [Ref. 353], p. 77–84 (original description).

Metridium farcimen (Brandt, 1835): Fautin & Hand, 2000 [Ref. 1005], p. 1151–1159.

farinacea, *Edwardsia* Verrill, 1869

Valid name: ***Halcampa duodecimcirrata* (Sars, 1851)**

Described from unspecified number

Type specimens: syntypes *not found*: USA, Maine, South Bay, Lubec

***fasciarum*, *Sagartianthus* Zamponi, 1980 (1979)**

Described from x16.

Type specimens: MLP 8507: holotype, Argentina, Buenos Aires Province, Mar del Plata, Playa Grande; IBM C.A. 12: 15 paratypes, Argentina, Buenos Aires Province, Mar del Plata, Playa Grande

Synonymy: *Sagartianthus fasciarum* Zamponi, 1980 [Ref. 272], p. 149–154 (original description).

Sagarthianthus [*sic*] *fasciarum* Zamponi, 1979: Zamponi, 2002 [Ref. 5710], p. 12.

***fasciata*, *Halcampella* Rodríguez & López-González, 2002**

Described from holotype, x6 paratypes.

Type specimens: ZMH C11661: holotype, Antarctica, Antarctic Peninsula, King George Island (*Polarstern* ANT XV/3 sta. 48/307); LBMS ANT-440: 1 paratype, Antarctica, Antarctic Peninsula, King George Island (*Polarstern* ANT XV/3 sta. 48/307); NNM 24968: 1 paratype, Antarctica, Antarctic Peninsula, King George Island (*Polarstern* ANT XV/3 sta. 48/307); NRS Type 5368: 1 paratype, Antarctica, Antarctic Peninsula, King George Island (*Polarstern* ANT XV/3 sta. 48/307); BMNH 2001.6711: 1 paratype, Antarctica, Antarctic Peninsula, King George Island (*Polarstern* ANT XV/3 sta. 48/307); ZMH C11662: 2 paratypes, Antarctica, Antarctic Peninsula, King George Island (*Polarstern* ANT XV/3 sta. 48/307)

Synonymy: *Halcampella fasciata* Rodríguez & López-González, 2002 [Ref. 1726], p. 45–50 (original description).

fasciculata, *Oulactis* McMurrich, 1889

Valid name: ***Actinostella flosculifera* (Le Sueur, 1817)**

Described from x3.

Type specimens: syntypes *not found*: Bermuda

fastigata, *Actinauge* McMurrich, 1893

Valid name: ***Chondrophellia coronata* (Verrill, 1883)**

Type specimens of a *nomen novum* are those of the species whose name is replaced (International Code of Zoological Nomenclature Article 72.7).

Comments: Replacement name for *Actinauge nodosa* var. *coronata*: to raise it in rank, McMurrich (1893: 187) realized he could use “the varietal designation as the specific name.” That name had been used for a species of a similar genus, so to avoid potential homonymy, McMurrich created a *nomen novum*. The varietal name currently used as the species name has not resulted in homonymy. An unnecessary substitute name available nonetheless (International Code of Zoological Nomenclature Article 10.6).

***fecunda, Epiactis* (Verrill, 1899)**

Synonymy: =? [*pro parte*] *Leiotelia spetsbergensis* Kwietniewski, 1898 [Ref. 574], p. 121–122, 134–137, 140 (original description).

Epigonactis fecunda Verrill, 1899 [Ref. 473], p. 378–379 (original description).

Epigonactis regularis Verrill, 1899 [Ref. 473], p. 380 (original description).

Epiactis fecunda Verr.: Stephenson, 1922 [Ref. 451], p. 274.

fecunda, Epigonactis Verrill, 1899

Valid name: ***Epiactis fecunda* (Verrill, 1899)**

Described from x2.

Type specimens: USNM 24329: 1 syntype, Canada, off Nova Scotia, east of Banquereau
syntype *not found*: Canada, off Nova Scotia

***felina, Urticina* (Linnaeus, 1761)**

Synonymy: *Priapus felinus* Linnaeus, 1761 [Ref. 129], p. 510 (original description).

Actinia felina [no author]: Linnaeus, 1767 [Ref. 130], p. 1088.

Actinia crassicornis Müller, 1776 [Ref. 167], p. 231 (original description).

[*non*] *Actinia gemmacea* Ellis & Solander, 1786 [Ref. 71], p. 3–4 (original description).

Actinia senilis Linn.: Bruguière, 1789 [Ref. 606], p. 10.

Actinia coriacea Cuvier, 1798 [Ref. 769], p. 653 (original description).

Actinia holsatica Müller, 1806 [Ref. 590], p. 23–24 (original description).

[*non*] *Actinia papillosa* Lesson, 1830 [Ref. 123], p. 78 (original description). senior homonym

Cribrina coriacea (Cuvier): Ehrenberg, 1834 [Ref. 58], p. 264.

Actinia papillosa Ehrenberg, 1834 [Ref. 58], p. 257 (original description). junior primary homonym

Cribrina papillosa Ehrenb.: Brandt, 1835 [Ref. 65], p. 15.

Actinia gemmacea [no author]: Johnston, 1838 [Ref. 634], p. 213–216, 224.

Actinia Gemmacea [no author]: Couch, 1844 [Ref. 774], p. 66, 76–78.

Actinia (Rhodactinia) Dævisii Agassiz, 1847 [Ref. 1571], p. 395 (original description).

Actinea [sic] coriacea Cuvier: Cocks, 1851 [Ref. 36], p. 7.

Actinea [sic] crassicornis Mull.: Cocks, 1851 [Ref. 36], p. 7.

Actinea [sic] tuberculata Cocks, 1851 [Ref. 36], p. 7–8 (original description).

Actinia halsatica [sic] [no author]: Schmarda, 1852 [Ref. 618], p. 131, 132, 133.

Actinia obtruncata Stimpson, 1853 [Ref. 238], p. 7 (original description).

Bunodes crassicornis [no author]: Gosse, 1855 [Ref. 95], p. 274.

Cereus papillosus [no author]: Milne Edwards, 1857 [Ref. 508], p. 264.

Cereus coriaceus [no author]: Milne Edwards, 1857 [Ref. 508], p. 264.

Tealia crassicornis (Müller): Gosse, 1858 [Ref. 96], p. 417.

[*non*] *Stomphia Churchiæ* Gosse, 1859 [Ref. 98], p. 48–49 (original description).

Tealia Greenii [no author]: Wright, 1859 [Ref. 948], p. 122.

Tealia tuberculata (Cocks): Gosse, 1860 [Ref. 356], p. 217.

Tealia Greenei (Wright): Gosse, 1860 [Ref. 356], p. 216–217.

Bolocera eques Gosse, 1860 [Ref. 356], p. 351–353 (original description).

Rhodactinia Dævisii Agassiz: Verrill, 1864 [Ref. 455], p. 18–20.

Urticina crassicornis Ehr.: Verrill, 1871 [Ref. 1168], p. 559, 560.

Tealia felina Linné: Fischer, 1874 [Ref. 78], p. 193, 195–196, 231–234.

Urticina felina [no author]: Marenzeller, 1878 [Ref. 159], p. 379.

Madoniactis lofotensis Danielssen, 1890 [Ref. 321], p. 47–50 (original description).
Leiotealia spetsbergensis Kwietniewski, 1898 [Ref. 574], p. 121–122, 134–137, 140 (original description).
Tealia lofotensis (Dan. pro parte): Carlgren, 1902 [Ref. 154], p. 42–43.
Tealia coriacea (Cuv.): Carlgren, 1902 [Ref. 154], p. 43.
Rhodactinia crassicornis (O. F. Müller): Carlgren, 1902 [Ref. 154], p. 40–42.
[*non*] *Rhodactinia crassicornis* [no author]: Clubb, 1908 [Ref. 35], p. 9–11.
[*pro parte*] *Stomphia churchiæ* [no author]: Elmhirst, 1915 [Ref. 680], p. 22–23.
=? *Rhodactinia davisii* Agass.: Pax, 1915 [Ref. 748], p. 167 [172].
Urticina davisii (Agass.): Carlgren, 1916 [Ref. 685], p. 3.
Urticina coriacea Cuvier: Stephenson, 1918 [Ref. 442], p. 117.
Urticina felina tuberculata [no author]: Carlgren, 1921 [Ref. 196], p. 162–168.
Urticina felina crassicornis [no author]: Carlgren, 1921 [Ref. 196], p. 162, 170–174.
Urticina felina coriacea [no author]: Carlgren, 1921 [Ref. 196], p. 162–168.
Tealia felina coriacea (Cuvier): Stephenson, 1928 [Ref. 504], p. 110.

Comment: Carlgren, 1949 [Ref. 31] considered species a synonym of *Urticina crassicornis*.

felinus, *Priapus* Linnaeus, 1761

Valid name: ***Urticina felina* (Linnaeus, 1761)**

Described from unspecified number *ex* "Oceano".

Type specimens: syntypes *not found*: locality unknown

***fenestrata*, *Gregoria* Gosse, 1860**

Type species of *Gregoria* by monotypy.

Described from x1.

Type specimen: holotype *not found*: UK, Scotland, near Banff

Synonymy: *Gregoria fenestrata* Gosse, 1860 [Ref. 356], p. 146–147 (original description).

Uncertain genus *fenestrata* Gos.: Andres, 1883 [Ref. 6170], p. 580.

Gregoria fenestrata, Gosse: Stephenson, 1935 [Ref. 505], p. 394 (of uncertain status).

***ferax*, *Isoparactis* (Stuckey, 1909)**

Synonymy: *Paractis ferax* Stuckey, 1909 [Ref. 244], p. 387–389 (original description).

Isoparactis ferax Stuckey, 1909: Stephenson, 1920 [Ref. 449], p. 543.

Acraspedanthus elongatus Carlgren, 1924 [Ref. 208], p. 225–229 (original description).

Acraspedanthus ferax (Stuckey) 1908: Parry, 1952 [Ref. 182], p. 124–125.

ferax, *Paractis* Stuckey, 1909

Type species of *Isoparactis* by monotypy.

Valid name: ***Isoparactis ferax* (Stuckey, 1909)**

Described from unspecified number.

Type specimens: syntypes *not found*: New Zealand, North Island, Wellington, Island Bay; syntypes *not found*: New Zealand, North Island, Ohiro Bay

***fernaldi*, *Cribrinopsis* Siebert & Spaulding, 1976**

Described from x2.

Type specimens: USNM 54132: holotype, USA, Washington, San Juan Islands, San Juan Island, Friday Harbor Laboratories, about 10 m northeast of Cantilever pier; USNM 54133: 1 paratype, USA, Washington, San Juan Islands, San Juan Island, Friday Harbor Laboratories, about 10 m northeast of Cantilever pier

Synonymy: *Cribrinopsis fernaldi* Siebert & Spaulding, 1976 [Ref. 232], p. 129–137 (original description).

***fernaldi*, *Epiactis* Fautin & Chia, 1986**

Described from holotype, x6 paratypes.

Type specimens: CAS 031671: ½ of holotype, USA, Washington, San Juan Islands, San Juan Island, west side of Cattle Point, "Log cave"; CAS 031670: 1 paratype, USA, Washington, San Juan Islands, San Juan Island, west side of Cattle Point, "Log cave"; CAS 031672: ½ of paratype, USA, Washington, San Juan Islands, San Juan Island, west side of Cattle Point, "Log cave"; CAS 031674: ½ of paratype, USA, Washington, San Juan Islands, San Juan Island, west side of Cattle Point, "Log cave"; USNM 61273: ½ of paratype, USA, Washington, San Juan Islands, San Juan Island, west side of Cattle Point, "Log cave"; RBCM 983-1579-1: ½ of paratype, USA, Washington, San Juan Islands, San Juan Island, west side of Cattle Point, "Log cave"; SBMNH 33891: ½ of paratype, USA, Washington, San Juan Islands, San Juan Island, west side of Cattle Point, "Log cave"

Synonymy: *Epiactis fernaldi* Fautin & Chia, 1986 [Ref. 347], p. 1665, 1669-1674 (original description).

fertilis, *Epiactis* Andres, 1883

Valid name: *Epiactis prolifera* Verrill, 1869

Type specimens of a *nomen novum* are those of the species whose name is replaced (International Code of Zoological Nomenclature Article 72.7).

Comments: Labeled n. n. (*nomen novum*) for *E. prolifera*: Andres changed species name because it had been used by Sars in 1835 for *Gonactinia prolifera*. Not a replacement name in sense of International Code of Zoological Nomenclature Article 60. An unnecessary substitute name available nonetheless (International Code of Zoological Nomenclature Article 10.6).

filiformis, *Actinia* Rapp, 1829

Valid names used: *Cereus filiformis* (Rapp, 1829); *Sagartiogeton viduatus* (Müller, 1776)

Described from unspecified number.

Type specimens: syntypes *not found*: Norway, near Bergen

filiformis, *Cereus* (Rapp, 1829)

Synonymy: *Actinia filiformis* Rapp, 1829 [Ref. 423], p. 57 (original description).

Cribrina filiformis Ehrenb.: Brandt, 1835 [Ref. 65], p. 15.

Cereus filiformis [no author]: Milne Edwards, 1857 [Ref. 508], p. 271.

Uncertain genus *filiformis* Rapp.: Andres, 1883 [Ref. 6170], p. 582.

fimbriatum, *Metridium* Verrill, 1865

Valid names used: *Metridium dianthus* (Ellis, 1767); *Metridium senile* (Linnaeus, 1761)

Described from unspecified number.

Type specimens: YPM 9494: 2 syntypes, USA, California, San Francisco Harbor (North Pacific Exploring Expedition sta. 81)

finmarchica, *Edwardsia* Carlgren, 1921

Described from x11.

Type specimens: NRS 5675: 2 syntypes, Norway, Tromsø; NRS 5676: 2 syntypes, Norway, Finmark [Finmark]; 3 syntypes *not found*: Norway, Tromsø

Synonymy: *Edwardsia finmarchica* Carlgren, 1921 [Ref. 196], p. 54–56 (original description).

Edwardsia finmarchicus Carlgren 1921: Manuel, 1977 [Ref. 136], p. 495.

Edwardsioides finmarchica Carlgren, 1921: England, 1987 [Ref. 63], p. 218.

fionae, *Isoparactis* Lauretta, Häussermann, Brugler, & Rodríguez, 2014

Described from holotype and x7 paratypes.

Type specimens: MACN IN 39151: holotype, Argentina, Tierra del Fuego, Beagle Channel; AMNH 6041: 3 paratypes, Argentina, Argentina, Tierra del Fuego, Beagle Channel, Islas Bridges; ZSM 20051668: 4 paratypes, Chile, Fuerte Bulnes

Synonymy: *Isoparactis fionae* Lauretta, Häussermann, Brugler, & Rodríguez, 2014 [Ref. 6243], p. 31–41 (original description).

***fiscella*, *Actinia* Müller, 1789**

Described from unspecified number.

Type specimens: syntypes *not found*: Norway and Denmark

Synonymy: *Actinia fiscella* Müller, 1789 [Ref. 170], p. 13 (original description).

Actinia Fiscella [no author]: Gmelin, 1796 [Ref. 91], p. 3135.

Uncertain genus *fiscella* Müll.: Andres, 1883 [Ref. 6170], p. 581.

fischeri, *Adamsia* Andres, 1883

Valid name: ***Aiptasiogeton pellucidus* (Hollard, 1848)**

Type specimens of a *nomen novum* are those of the species whose name is replaced (International Code of Zoological Nomenclature Article 72.7).

Comments: Labeled n. n. (*nomen novum*) for *Actinia pellucida* Hollard, 1848: Andres changed species name because it had been used by Cocks and Alder. Andres seemed to intend the replacement for the entire species although he mentioned specimens identified by Fischer.

***flaccida*, *Edwardsia* Marion, 1882**

Described from "nombreux individus."

Type specimens: syntypes *not found*: Atlantic Ocean, Bay of Biscay [Gulf of Gascogne, Golfe de Gascogne]

Synonymy: *Edwardsia flaccida* Marion, 1882 [Ref. 640], p. 458–459 (original description). *nomen dubium* according to Williams, 1981 [Ref. 491], p. 348.

flagellifera, *Actinia* Drayton in Dana, 1846

Type species of ***Pseudactinia*** by original designation. Type species of *Comactis* by subsequent designation.

Valid names used: ***Anemonia sulcata* (Pennant, 1777); *Pseudactinia flagellifera* (Drayton in Dana, 1846)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: Atlantic Ocean, Madeira Archipelago, Madeira, Funchal; syntypes *not found*: Atlantic Ocean, Madeira Archipelago, Madeira, Camera de Lobos

***flagellifera*, *Pseudactinia* (Drayton in Dana, 1846)**

Synonymy: *Actinia flagellifera* Drayton in Dana, 1846 [Ref. 318], p. 126–128 (original description).

Comactis flagellifera [no author]: Milne Edwards, 1857 [Ref. 508], p. 236.

[*non*] *Comactis flagellifera* Milne-Edwards: Hertwig, 1882 [Ref. 379], p. 28–29, 116.

Anemonia flagellifera (Drayton): Pax, 1907 [Ref. 402], p. 61.

[*pro parte*] *Anemonia infecunda* (Mc Murr.): Pax, 1908 [Ref. 403], p. 489–490 [287–288], 497 [295], 500 [298].

[*non*] *Pseudactinia flagellifera* (R. Hertw.): Carlgren, 1928 [Ref. 198], p. 153–157 [31–35].

Pseudactinia flagellifera (Drayton in Dana, 1846): Acuña & Griffiths, 2004 [Ref. 4949], p. 196.

Comment: McMurrich (1893) [Ref. 386] created name *Actinia infecunda* for species Hertwig identified as *Comactis flagellifera*, having concluded Hertwig erred in ascribing the animals he examined to the species of Drayton in Dana, 1846. Confusion persists because Milne Edwards (1857) may have mistakenly identified specimens of *Anemonia sulcata* as *Comactis flagellifera*.

***flava*, *Actinecta* (Péron & Le Sueur in Le Sueur, 1817)**

Synonymy: *Actinia flava* Péron & Le Sueur in Le Sueur, 1817 [Ref. 128], p. 170, 182, 185, 187 (original description).

Actinecta flava Lesueur: de Blainville, 1830 [Ref. 94], p. 285.

Plotactis flavea [no author]: Milne Edwards, 1857 [Ref. 508], p. 229.

Dactylominyas flava Les.: Andres, 1883 [Ref. 6170], p. 565.

Stomphia flava (Les.): Carlgren, 1924 [Ref. 904], p. 465.

flava, *Actinia* Péron & Le Sueur in Le Sueur, 1817

Type species of *Plotactis* by monotypy.

Valid name: ***Actinecta flava* (Péron & Le Sueur in Le Sueur, 1817)**

Described from unspecified number.

Type specimens: syntypes *not found*: South Atlantic Ocean

***flava*, *Actinopsis* Danielssen & Koren, 1856**

Type species of *Actinopsis* by monotypy.

Described from x2.

Type specimen: MZB 573: 1 syntype, Norway, Hardangerfjord, half a league from Utne

Synonymy: *Actinopsis flava* Danielssen & Koren, 1856 [Ref. 581], p. 89–90 (original description).

***flava*, *Paractis* Gravier, 1918**

Described from x9 *ex* three localities.

Type specimens: MOM 13 0097: 2 syntypes, 30°50'N, 25°43'W (Prince Albert I of Monaco Campagne de 1912: *Princesse-Alice* et l'*Hirondelle* sta. 3223); MOM 13 0083: 5 syntypes (in 2 containers), 31°45'30"N, 42°42'30"W (Prince Albert I of Monaco Campagne de 1915: *Princesse-Alice* et l'*Hirondelle* sta. 2111); MOM 13 0097A: 1 syntype, 30°50'N, 25°43'W (Prince Albert I of Monaco Campagne de 1912: *Princesse-Alice* et l'*Hirondelle* sta. 3223); MOM 13 0082: 1 syntype, 32°32'30"N, 17°2'W (Prince Albert I of Monaco Campagne de 1915: *Princesse-Alice* et l'*Hirondelle* sta. 2048)

Synonymy: *Paractis flava* Gravier, 1918 [Ref. 101], p. 4–5 (original description).

***flavus*, *Synactinernus* Carlgren, 1918**

Type species of *Synactinernus* by monotypy.

Described from x1.

Type specimen: EUU 232: holotype, Japan, Kyushu [Kyûsyû] [Kin Shin] [Kiu Shiu], Nagasaki Prefecture, Goto [Goto] Islands

Synonymy: *Synactinernus flavus* Carlgren, 1918 [Ref. 158], p. 31 (original description).

***fleurei*, *Paractis* Stuckey & Walton, 1910**

Valid name: ***Pycnanthus fleurei* (Stuckey & Walton, 1910)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: New Zealand, Pukeroa

***fleurei*, *Pycnanthus* (Stuckey & Walton, 1910)**

Synonymy: *Paractis fleurei* Stuckey & Walton, 1910 [Ref. 245], p. 542 (original description).

Pycnanthus fleuri [*sic*] Stuckey and Walton, 1910: Parry, 1951 [Ref. 181], p. 88.

Pycnanthus fleurei Stuckey and Walton, 1910: Parry, 1952 [Ref. 182], p. 123.

***flexibilis*, *Phellia* Danielssen, 1890**

Valid name: ***Sagartiogeton flexibilis* (Danielssen, 1890)**

Description based on x2.

Type specimens: MZL *no number*: 1 microscope slide of syntype, Norway, Sognefjord (Norwegian North Atlantic Expedition 1876–1878 sta. 1); MZB 9795: 1 syntype, Norway, Sognefjord (Norwegian North Atlantic Expedition 1876–1878 sta. 8)

***flexibilis*, *Sagartiogeton* (Danielssen, 1890)**

Synonymy: *Phellia flexibilis* Danielssen, 1890 [Ref. 321], p. 51–54 (original description).

Sagartiogeton flexibilis (Dan.): Carlgren, 1942 [Ref. 197], p. 21–22.

***florida*, *Actinia* Drayton in Dana, 1846**

Valid names used: ***Bunodosoma capense* (Lesson, 1830); *Phymactis clematis* (Drayton in Dana, 1846); *Phymactis papillosa* (Lesson, 1830)**

Described from unspecified number >1.

Type specimens: MCZ 298: 3 syntypes, Peru, Callao, island of San Lorenzo (United States Exploring Expedition ["Wilkes Expedition"])

***flosculifera*, *Actinia* Le Sueur, 1817**

Valid name: *Actinostella flosculifera* (Le Sueur, 1817)

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, Virgin Islands, St. Thomas

***flosculifera*, *Actinostella* (Le Sueur, 1817)**

Synonymy: *Actinia flosculifera* Le Sueur, 1817 [Ref. 128], p. 174 (original description).

Metridium prætextum Couthouy in Dana, 1846 [Ref. 318], p. 150–152 (original description).

Actinostella formosa Duchassaing, 1850 [Ref. 70], p. 10 (original description).

Oulactis flosculifera [no author]: Milne Edwards, 1857 [Ref. 508], p. 292.

Oulactis conquilega Duchassaing & Michelotti, 1860 [Ref. 323], Pl. VII fig. 7 (original description).

Oulactis Flosculifera [no author]: Duchassaing, 1870 [Ref. 1674], p. 20.

Evactis flosculifera Les.: Andres, 1883 [Ref. 6170], p. 452.

Oulactis foliosa Andres, 1883 [Ref. 6170], p. 505 (original description as *nomen novum*).

Oulactis fasciculata McMurrich, 1889 [Ref. 546], p. 108–110 (original description).

Asteractis n. sp.: Duerden, 1897 [Ref. 55], p. 455.

Asteractis expansa Duerden in McMurrich, 1898 [Ref. 388], p. 232–234 (original description).

Cradactis fasciculata McM.: Haddon, 1898 [Ref. 363], p. 436.

Asteractis flosculifera (Les.) Ver.: Verrill, 1899 [Ref. 470], p. 45–46.

Actinactis [sic] *flosculifera* [no author]: Verrill, 1900 [Ref. 474], p. 572.

Actinostella flosculifera (Lsr.): McMurrich, 1905 [Ref. 393], p. 7.

Actinostella conchilega (Duch. Mich.): McMurrich, 1905 [Ref. 393], p. 4–8.

Phyllactis flosculifera Les.: Stephenson, 1922 [Ref. 451], p. 283.

foliosa, *Oulactis* Andres, 1883

Valid names used: *Actinostella flosculifera* (Le Sueur, 1817); *Phyllactis conquilega* (Duchassaing & Michelotti, 1860)

Type specimens of a *nomen novum* are those of the species whose name is being replaced (International Code of Zoological Nomenclature Article 72.7): there are two species in this instance, from the same locality, but only a piece of the holotype of one is known.

Comment: Labeled n. n. (*nomen novum*) for 1) most references to *Oulactis flosculifera* because Andres considered they were not what Le Sueur (1817) had described as *Actinia flosculifera*: and 2) *Oulactis conquilega*, the description of which Andres considered an oversight or typographical error. Thus, Andres' concerns appear to have been taxonomic. Not a replacement name in sense of International Code of Zoological Nomenclature Article 60. An unnecessary substitute name available nonetheless (International Code of Zoological Nomenclature Article 10.6).

formosa, *Actinostella* Duchassaing, 1850

Type species of *Actinostella* by monotypy.

Valid names used: *Actinostella flosculifera* (Le Sueur, 1817); *Phyllactis formosa* (Duchassaing, 1850)

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, Antilles

formosa, *Oulactis* Duchassaing & Michelotti, 1860

Valid name: *Phyllactis formosa* (Duchassaing, 1850)

Described from unspecified number >1.

Type specimens: syntypes *not found*: Caribbean Sea, Guadeloupe

***formosa*, *Phyllactis* (Duchassaing, 1850)**

Synonymy: *Actinostella formosa* Duchassaing, 1850 [Ref. 70], p. 10 (original description).

Oulactis formosa Duchassaing & Michelotti, 1860 [Ref. 323], p. 47 (original description).

Asteractis formosa (Duch. and Mich.) Ver.: Verrill, 1899 [Ref. 470], p. 47.

Phyllactis formosa (Duchassaing 1850): Carlgren, 1949 [Ref. 31], p. 67.

***forskali*, *Telmatactis* (Hemprich & Ehrenberg in Ehrenberg, 1834)**

Synonymy: *Actinia Forskålii* Hemprich & Ehrenberg in Ehrenberg, 1834 [Ref. 58], p. 261 (original description).
Actinia Forskålii Ehrenb.: Brandt, 1835 [Ref. 65], p. 10.
Actinia Chamaeleon Grube, 1840 [Ref. 103], p. 8–9 (original description).
Actinia elongata Delle Chiaje, 1841 [Ref. 69], p. 138 (attributed to Delle Chiaje, 1830).
Entacmaea chromatodera Schmarda, 1852 [Ref. 618], p. 129–130 (original description).
Actinia? turbinata [no author]: Milne Edwards, 1857 [Ref. 508], p. 243.
Phellia elongata Delle Chiaje: Jourdan, 1880 [Ref. 119], p. 3, 17–18, 20, 39–40, 97–102, 114, 136.
Aiptasia chamaeleon [no author]: Andres, 1881 [Ref. 4], p. 307, 308, 325, 338.
Phellia armata Andres, 1881 [Ref. 4], p. 307, 327, 341 (original description).
Phellia limicola Andres, 1881 [Ref. 4], p. 307, 327 (original description).
Phellia cylinder Andres, 1881 [Ref. 4], p. 308, 327, 341 (original description).
Actinia chamaeleon Grube, 1840: Fischer, 1889 [Ref. 81], p. 299.
Telmatactis Forskålii (H. and Ehr. Ehrenberg 1835): Carlgren, 1949 [Ref. 31], p. 90.
Telmatactis limicola (Andres 1880): Carlgren, 1949 [Ref. 31], p. 90.
Telmatactis elongata (Delle Chiaje 1825): Carlgren, 1949 [Ref. 31], p. 90.
Telmatactis forskålii [no author]: Schmidt & Béress, 1971 [Ref. 5797], p. 168.
Telmatactis forskålii (Ehrenberg, 1834): Chintiroglou, Doumenc, & Koukouras, 1985 [Ref. 50], p. 521–522, 525. *misspelled*
Telmatactis forskålii [sic] (Ehrenberg, 1834): den Hartog, 1987 [Ref. 109], p. 550.
Telmatactis limicola homochromica [no author]: Doumenc, Chintiroglou, & Foubert, 1989 [Ref. 51], p. 21.
Telmatactis limicola maculata [no author]: Doumenc, Chintiroglou, & Foubert, 1989 [Ref. 51], p. 21.
Actinia chamaeleon Grube, 1840: Wiktor, 1992 [Ref. 727], p. 139.

forskålii, *Actinia* Hemprich & Ehrenberg in Ehrenberg, 1834

Valid names used: ***Telmatactis decora* (Hemprich & Ehrenberg in Ehrenberg, 1834); *Telmatactis forskålii* (Hemprich & Ehrenberg in Ehrenberg, 1834)**

Described from unspecified number.

Type specimens: MNB 150: 5 syntypes, Egypt, Mediterranean Sea, near Alexandria

***foxi*, *Anthopleura* Carlgren, 1927**

Described from x1.

Type specimen: BMNH 1927.4.28.50: holotype, Egypt, Suez Canal, Kabret (Cambridge Expedition to the Suez Canal [1924] sta. K. 6)

Synonymy: *Anthopleura foxi* Carlgren, 1927 [Ref. 199], p. 444–445 (original description).

Anthopleura foxi [sic] Carlgren 1927a: Carlgren, 1949 [Ref. 31], p. 53.

***fragacea*, *Actinia* Tugwell, 1856**

Described from unspecified number.

Type specimens: syntypes *not found*: UK, English coast

Synonymy: *Actinia fragacea* Tugwell, 1856 [Ref. 452], p. 47–48, 53, 96 (original description).

Actinia equina fragacea Gosse: Nafilyan, 1912 [Ref. 171], p. 13.

[*non*] *Actinia equina fragacea* [no author]: Watts, Allcock, Lynch, & Thorpe, 2000 [Ref. 1896], p. 719, 723.

***franciscana*, *Diadumene* Hand, 1956**

Described from x~100 *ex* four localities. Specimens referred to as lectotype and paratypes by Hand (1957) [Ref. 373] actually neotype and vouchers, respectively, because published after original description.

Type specimen: USNM 50643: neotype, USA, California, Alameda County, Berkeley, Aquatic Park

Synonymy: *Diadumene franciscana* Hand, 1956 [Ref. 372], p. 230–237 (original description).

frigida, *Cymbactis* Pax, 1922

Valid name: ***Stomphia selaginella* (Stephenson, 1918)**

Described from unspecified number but implies at least a brooding female.

Type specimens: syntypes *not found*: Antarctica, 66°2'S, 89°38'E (Deutsche Sudpolar-Expedition 1901–03 Gauß-Station)

frigidus, *Aegir* Danielssen, 1887

Type species of *Aegir* by monotypy.

Valid names used: ***Halcampoides abyssorum* Danielssen, 1890; *Halcampoides purpureus* (Studer, 1879)**

Described from at least x5.

Type specimens: MZB 602: 3–4? syntypes, Norway, NW of Norway (Norwegian North Atlantic Expedition 1876–1878 sta. 200); MZB 601: 2? syntypes, Norwegian Sea (Norwegian North Atlantic Expedition 1876–1878 sta. 124); MZB 621A: 1? syntype, Norway, NW of Norway (Norwegian North Atlantic Expedition 1876–1878 sta. 200)

fuegiensis, *Actinia* Couthouy in Dana, 1846

Valid name: ***Antholoba achates* (Drayton in Dana, 1846)**

Described from unspecified number.

Type specimens: syntypes *not found*: South America, Tierra del Fuego, Orange Harbor (United States Exploring Expedition ["Wilkes Expedition"])

fultoni, *Peachia* Wright, 1860

Valid names used: ***Halcampa chrysanthellum* (Peach in Johnston, 1847); *Peachia hastata* Gosse, 1855**

Described from x1.

Type specimen: holotype *not found*: UK, Scotland, Dublin Bay, Firth of Forth, Granton Pier

***fusca*, *Adamsia* (Quoy & Gaimard, 1833)**

Synonymy: *Actinia fusco-rubra* var. Quoy & Gaimard, 1833 [Ref. 194], p. 145 (original description).

[*non*] *Actinia fusco-rubra* Quoy & Gaimard, 1833 [Ref. 194], p. 144–145 (original description).

Actinia fusco-rubra Var. [*sic*] Quoy et Gaim.: Deshayes & Milne Edwards, 1840 [Ref. 68], p. 421.

Adamsia fusca Milne Edwards, 1857 [Ref. 508], p. 281 (original description).

Calliactis fusca (Q. & G.): Haddon, 1898 [Ref. 363], p. 457.

Comment: Milne Edwards (1857) named this species that had previously been referred to as an unnamed variety.

***fusca*, *Edwardsia* Danielssen, 1890**

Described from x2.

Type specimens: MZB 12182: 1 syntype, Barents Sea (Norwegian North Atlantic Expedition 1876–1878 sta. 262); MZL *no number*: 1 microscope slide of syntype, Barents Sea (Norwegian North Atlantic Expedition 1876–1878 sta. 262)

Synonymy: *Edwardsia fusca* Danielssen, 1890 [Ref. 321], p. 112–115 (original description).

Edwardsioides fusca Danielssen, 1890: England, 1987 [Ref. 63], p. 218.

fuscorubra, *Actinia* Quoy & Gaimard, 1833

Valid name: **Unknown genus *fuscorubra* Quoy & Gaimard, 1833**

Described from unspecified number.

Type specimens: syntypes *not found*: Tonga [Friendly Isles]

fuscorubra variety, *Actinia* Quoy & Gaimard, 1833

Valid name: ***Adamsia fusca* (Quoy & Gaimard, 1833)**

Described from unspecified number.

Type specimens: syntypes *not found*: Indonesia, Moluccas Islands, Ambon [Amboina]

***fuscoviridis*, *Anthopleura* Carlgren, 1949**

Described from unspecified number.

Type specimens: syntypes *not found*: Japan, Mutsu Bay

Synonymy: [*pro parte*] *Anthopleura xanthogrammica* (Brandt): Uchida, 1938 [Ref. 260], p. 298–302.

Anthopleura stella (Verrill): Uchida, 1938 [Ref. 260], p. 293–298.

Anthopleura fusco-viridis: Carlgren, 1949 [Ref. 31], p. 53. (original description).
Anthopleura midori Uchida & Muramatsu, 1958 [Ref. 261], p. 112–113 (original description).
Bunodactis stella (Verr.): Loseva, 1972 [Ref. 1394], p. 31, 37.
Aulactinia stella (Verrill, 1864): Kostina, 1988 [Ref. 506], p. 18.
Anthopleura fuscoviridis Carlgren: England, 1992 [Ref. 73], p. 62.

Comment: New name for species referred to as *Bunodes stella* in Japan by Uchida (1938).

***galkini*, *Seepactis* Sanamyan & Sanamyan, 2007**

Type species of *Seepactis* by original designation.

Described from holotype, x6 paratypes.

Type specimens: ZMMSU Ec-105: holotype, USA, California, Monterey Canyon, cold seeps, *Keldish* sta. 2350; 3 paratypes, repository not specified: USA, California, Monterey Canyon, cold seeps, *Keldish* sta. 2355; 3 paratypes, repository not specified: USA, California, Monterey Canyon, cold seeps, *Keldish* sta. 2350

Synonymy: *Seepactis galkini* Sanamyan & Sanamyan, 2007 [Ref. 5884], p. 83, 84, 86–90 (original description).

***ganensis*, *Mesactinia* England, 1987**

Type species of *Mesactinia* by original designation.

Described from holotype, x115 paratypes.

Type specimens: BMNH 1984.2.9.9: holotype, Indian Ocean, Maldives, Addu Atoll, Gan Island; BMNH 1984.2.9.83-110: 33 paratypes, Singapore, Pulau Biola; BMNH 1984.2.9.111-119: 11 paratypes, Singapore, Punggol [Pungol] Point; BMNH 1984.2.9.10-69: 68 paratypes, Indian Ocean, Maldives, Addu Atoll, Gan Island; BMNH 1984.2.9.2-8: 10 paratypes, Indian Ocean, Maldives, Addu Atoll, Gan Island; BMNH 1984.2.9.120-145: 28 paratypes, Malaysia, Pahang, Pulau Tioman

Synonymy: *Mesactinia ganensis* England, 1987 [Ref. 63], p. 206, 213–214, 263–265, 279 (original description).

***gangeticus*, *Phytocoetes* Annandale, 1915**

Type species of *Phytocoetes* by original designation.

Described from unspecified number *ex* two localities.

Type specimens: IM 6804-6/7: 1 syntype, India, Bengal, vicinity of Calcutta; syntypes *not found*: India, Bengal, Gangetic delta, Port Canning

Synonymy: [*pro parte*] *Metridium schillerianum exul* Annandale, 1907 [Ref. 5], p. 48–73 (original description).

Phytocoetes gangeticus Annandale, 1915 [Ref. 6], p. 70, 74–76, 79–82, 83–84, 86 (original description).

Phytocætes gangeticus Annand.: Panikkar, 1935 [Ref. 542], p. 177–178.

Phytocoetopsis gangeticus [no author]: Parulekar, 1966 [Ref. 6162], p. 40.

***gaudichaudi*, *Cystiactis* Milne Edwards, 1857**

Described from unspecified number.

Type specimens: syntypes *not found*: Brazil, Rio de Janeiro

Synonymy: *Cystiactis Gaudichaudi* Milne Edwards, 1857 [Ref. 508], p. 276 (original description).

***gausapata*, *Phellia* Gosse, 1858**

Erroneously designated type species of *Phellia* by Stephenson (1929).

Described from x1.

Type specimen: holotype *not found*: UK, Scotland, Caithness

Synonymy: *Phellia gausapata* Gosse, 1858 [Ref. 97], p. 194 (original description).

Octophellia gausapata Gos.: Andres, 1883 [Ref. 6170], p. 329.

***gelam*, *Condylactis* Haddon & Shackleton, 1893**

Valid name: ***Condylactis doreensis* (Quoy & Gaimard, 1833)**

Described from unspecified number *ex* two localities.

Type specimens: MZC I.33495: 2 syntypes, Australia, Queensland, Torres Strait, Murray Islands, Mer [Maer] Island; MZL *no number*: 2 microscope slides of syntype, Australia, Queensland, Torres Strait,

Murray Islands, Mer [Maer] Island; MZL *no number*: 2 microscope slides of syntypes, Australia, Queensland, Torres Strait, Mabuiag

***gelatinosa*, *Actinia* Moseley, 1877**

Described from x1.

Type specimen: holotype *not found*: Indonesia, Moluccas Islands, between the Banda group and Amboyna

Synonymy: *Actinia gelatinosa* Moseley, 1877 [Ref. 166], p. 298–299, 304 (original description).

Uncertain genus *gelatinosa* Mos.: Andres, 1883 [Ref. 6170], p. 575, 576–577. *incertae sedis*

***gemma*, *Actinia* Drayton in Dana, 1846**

Described from x3.

Type specimens: syntypes *not found*: Atlantic Ocean, Cape Verde Islands [Cape de Verdes], St. Jago [Ilha de Sao Tiago], Porto Praya [Praia], False Bay (United States Exploring Expedition ["Wilkes Expedition"])

Synonymy: *Actinia gemma* Drayton in Dana, 1846 [Ref. 318], p. 147–148 (original description).

Bunodes Gemma [no author]: Gosse, 1855 [Ref. 95], p. 274.

Cereus gemma [no author]: Milne Edwards, 1857 [Ref. 508], p. 267.

Bunodes gemma Dana: Andres, 1883 [Ref. 6170], p. 434.

***gemmacea*, *Actinia* Ellis & Solander, 1786**

Not type species of *Bunodes* as stated by Haddon (1889) ("*B. verrucosa* (Pennant) = *B. gemmacea* (Ellis)", and erroneously agreed to by Fautin et al. (2007).

Valid name: ***Aulactinia verrucosa* (Pennant, 1777)**

Described from unspecified number.

Type specimens: syntypes *not found*: UK, England, Cornwall

***georgiana*, *Actinostola* Carlgren, 1927**

Described from x23 *ex* two localities.

Type specimens: NRS 4015: 4 syntypes, South Georgia, Cumberland Bay, mouth of West fiord (Swedish Antarctic [South Polar] Expedition 1901–1903 sta. 18); NRS 4058: 2 syntypes, South Georgia, off the mouth of Cumberland Bay (Swedish Antarctic [South Polar] Expedition 1901–1903 sta. 34); NRS 4016: 16 syntypes, South Georgia, off the mouth of Cumberland Bay (Swedish Antarctic [South Polar] Expedition 1901–1903 sta. 34)

Synonymy: *Actinostola georgiana* Carlgren, 1927 [Ref. 210], p. 61–63 (original description).

***georgiana*, *Actinothoe* (Carlgren, 1899)**

Synonymy: *Sagartia georgiana* Carlgren, 1899 [Ref. 148], p. 34–35 (original description).

Actinothoe georgiana (Carlgr.): Carlgren, 1930 [Ref. 286], p. 6.

Actinothoë georgiana (Carlgren 1899): Carlgren, 1949 [Ref. 31], p. 103.

***georgiana*, *Aureliana* [sic] Carlgren, 1927**

Valid name: ***Capnea georgiana* (Carlgren, 1927)**

Described from x2.

Type specimens: NRS 4011: 2 syntypes, South Georgia, off the mouth of Cumberland Bay (Swedish Antarctic [South Polar] Expedition 1901–1903 sta. 34)

***georgiana*, *Bunodella* Pfeffer, 1889**

Type species of *Bunodella* Pfeffer by monotypy.

Valid name: ***Parantheopsis georgiana* (Pfeffer, 1889)**

Described from unspecified number.

Type specimens: MNB 3855: 3 syntypes, South Georgia; NRS 5630: 4½ syntypes, South Georgia

***georgiana*, *Capnea* (Carlgren, 1927)**

Synonymy: [*non*] *Actinia nymphaea* Drayton in Dana, 1846 [Ref. 318], p. 146–147 (original description).

Leiotelia Nymphaea [no author]: Hertwig, 1882 [Ref. 379], p. 33–35, 116, 118.

Leiolealia nymphæa [no author]: Hertwig, 1882 [Ref. 380], p. 11, 34–35, 38–40, 130, 132.
Aureliania nymphæa Hertw.: Stephenson, 1922 [Ref. 451], p. 292.
Aureliana [sic] *georgiana* Carlgren, 1927 [Ref. 210], p. 91–93 (original description).
Aureliana tricirrata Carlgr. u. Stephenson: Carlgren, 1928 [Ref. 198], p. 261. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 12.1.
Aureliania tricirrata Carlgren & Stephenson, 1929 [Ref. 211], p. 28–31 (original description).
Aureliana [sic] *nymphæa* (Hertwig 1882): Carlgren, 1949 [Ref. 31], p. 71.
Capnea georgiana (Carlgren, 1927): Dunn, 1983 [Ref. 344], p. 39–44, 59.

***georgiana, Epiactis* Carlgren, 1927**

Described from x2.

Type specimens: NRS 4870: 2 syntypes, South Georgia, Cumberland Bay, off the May Bay (Swedish Antarctic [South Polar] Expedition 1901–1903 sta. 22)

Synonymy: *Epiactis georgiana* Carlgren, 1927 [Ref. 210], p. 40–41 (original description).

Epiactis crateriformis Carlgr. u. Stephenson: Carlgren, 1928 [Ref. 198], p. 260 [138]. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 12.1.

Epiactis crateriformis Carlgren & Stephenson, 1929 [Ref. 211], p. 14–16 (original description).

***georgiana, Hormathia* Carlgren, 1927**

Described from x4.

Type specimens: NRS 4012: 2 syntypes, South Georgia, off Cumberland Bay; 2 syntypes *not found*: South Atlantic Ocean, between Falkland Islands and South Georgia Islands, Shag Rock Bank

Synonymy: *Hormathia georgiana* Carlgren, 1927 [Ref. 210], p. 85–88 (original description).

***georgiana, Paranthopsis* (Pfeffer, 1889)**

Synonymy: *Bunodella georgiana* Pfeffer, 1889 [Ref. 188], p. 51 [15] (original description).

Condylactis georgiana (Pfeffer) Carlgr.: Carlgren, 1899 [Ref. 148], p. 13–15.

Paranthopsis georgiana (Pfeff.): Carlgren, 1927 [Ref. 210], p. 24–25.

georgiana, Sagartia Carlgren, 1899

Valid name: ***Actinothoe georgiana* (Carlgren, 1899)**

Described from x1.

Type specimen: holotype *not found*: South Georgia

gigantea, Anthea Weinland, 1860

Valid name: ***Condylactis gigantea* (Weinland, 1860)**

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, Haiti, southwest coast, near Corail

***gigantea, Condylactis* (Weinland, 1860)**

Synonymy: *Anthea gigantea* Weinland, 1860 [Ref. 691], p. 38 (original description).

Condylactis passiflora Duchassaing & Michelotti, 1864 [Ref. 322], p. 31 (original description).

Condylactis Passiflora [no author]: Duchassaing, 1870 [Ref. 1674], p. 20.

Bunodes passiflora D. & Mich.: Andres, 1883 [Ref. 6170], p. 448.

Ilyanthopsis longifilis Hertwig, 1888 [Ref. 382], p. 13–14 (original description).

Condylactis gigantea Weinland: Verrill, 1907 [Ref. 476], p. 256, 258–261, 280.

Codylactis gigantea [sic] [no author]: Uchida & Soyama, 2001 [Ref. 1832], p. 150.

Condylactis gigantea [sic] (Weinland, 1860): Uchida & Soyama, 2001 [Ref. 1832], p. 142, 155.

***gigantea, Phelliactis* (Carlgren, 1941)**

Synonymy: *Amphianthus giganteus* Carlgren, 1941 [Ref. 299], p. 12–17 (original description).

Phelliactis gigantea (Carlgren 1941): Riemann-Zürneck, 1973 [Ref. 426], p. 294, 296, 313, 323.

***gigantea, Stichodactyla* (Forsskål, 1775)**

Synonymy: *Priapus giganteus* Forsskål, 1775 [Ref. 86], p. 100–101 (original description).
Actinia gygas [no author]: Bruguière, 1789 [Ref. 606], p. 12–13.
Actinia gigantea [no author]: Gmelin, 1796 [Ref. 91], p. 3134.
Actinia gigas Renieri: de Blainville, 1830 [Ref. 94], p. 292.
Actinia brevitentacula Quoy et Gaimard: de Blainville, 1830 [Ref. 94], p. 293. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 12.1.
Actinia amethystina Quoy & Gaimard, 1833 [Ref. 194], p. 142–143 (original description).
Actinia parvitentaculata Quoy & Gaimard, 1833 [Ref. 194], p. 165 (original description).
[non] *Actinia gigantea* (Forsskål): Ehrenberg, 1834 [Ref. 58], p. 256.
Actinia brevitentacula Quoy et Gaimard: de Blainville, 1834 [Ref. 64], p. 327. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 12.1. (possibly a *lapsus* for *A. parvitentaculata*)
Discosoma gigantea [no author]: Milne Edwards, 1857 [Ref. 508], p. 255–256.
Cereus amethystinus [no author]: Milne Edwards, 1857 [Ref. 508], p. 271.
[non] *Discosoma giganteum* [no author]: Klunzinger, 1877 [Ref. 121], p. 83–84.
Actinia parvitentaculata [no author]: Andres, 1883 [Ref. 1607], p. 593. *species delendae*
Actinia sinensis Andres, 1883 [Ref. 1607], p. 600 (original description). *species delendae*
Polyparium ambulans Korotneff, 1886 [Ref. 766], p. 320–323 (original description).
Discosoma Kenti Haddon & Shackleton, 1893 [Ref. 364], p. 117, 119 (original description).
Stoichactis Kenti (H. & S.): Haddon, 1898 [Ref. 363], p. 398, 473–474.
Isacmaea gigantea H. u. E.: Carlgren, 1899 [Ref. 152], p. 15.
Stoichactis giganteum (Forsk.): Carlgren, 1900 [Ref. 195], p. 77–80 [97–100].
Discosoma giganteum (d'ap. Klunzinger): Delage & Hérouard, 1901 [Ref. 66], p. 537.
Stoichactis gigantea (Forskål 1775) Carlgren 1900: Krempf, 1905 [Ref. 124], p. 194.
Stoichactis kenti (Hadd. et Shackl.): Pax, 1910 [Ref. 407], p. 227.
Stoichactis intermedia Lager, 1911 [Ref. 127], p. 238–240 (original description).
Radianthus parvitentaculatus Quoy et Gaim.: Pax, 1912 [Ref. 409], p. 314–315.
[*pro parte*] *Anemone* 1 Verwey, 1930 [Ref. 1834], p. 309–311.
Radianthus parvitentaculata (Quoy and Gaimard 1833): Carlgren, 1949 [Ref. 31], p. 74.
[non] *Stoichactis giganteum* [no author]: Mariscal, 1970 [Ref. 1292], p. 2, 5–6, 9, 13, 20, 27.
[non] *Stoichactis kenti* [no author]: Friese, 1972 [Ref. 5059], p. 33, 73, 74.
[non] *Stoichactis gigantea* [no author]: Friese, 1972 [Ref. 5059], p. 33, 76.
[non] *Stoichactis giganteus* [no author]: Friese, 1972 [Ref. 5059], p. 76.
Stoichactis gigantium [*sic*] (Forsk.): Trivedi, 1974 [Ref. 1310], p. 1.
Stichodactyla gigantea (Forsskål, 1775): Dunn, 1981 [Ref. 325], p. 3–4, 13, 81, 91–99, 103, 107.
Stichodactyla kenti (Haddon & Shackleton, 1893): England, 1987 [Ref. 63], p. 207–208.

giganteum, *Metridium* Fautin, Bucklin, & Hand, 1990

Valid name: ***Metridium farcimen* (Brandt, 1835)**

Described from holotype, x10 paratypes.

Type specimens: CAS 03349: holotype, USA, California, Monterey County, Point Piños Light House, U.S. Fish Commission Steamer *Albatross* sta. D-4439; CAS 004370: 2 paratypes, USA, California, San Mateo County, Point Montara Lighthouse, U.S. Fish Commission Steamer *Albatross* sta. D-5787; CAS 003508: 2 paratypes, USA, California, north of Farallon Islands, off Cordell Bank; USNM 85789: 1 paratype, USA, California, San Francisco County, Farallon Lighthouse, U.S. Fish Commission Steamer *Albatross* sta. D-5789; RBCM 986-79-11: 3 paratypes, Canada, British Columbia, Hecate Strait; SBMNH 45512: 1 paratype, USA, California, Santa Barbara County, off Gaviota; SBMNH 45511: 1 paratype, USA, California, Santa Barbara County, off Gaviota

giganteus, *Amphianthus* Carlgren, 1941

Type species of *Chondroaster* by monotypy.

Valid name: ***Phelliactis gigantea* (Carlgren, 1941)**

Described from x1.

Type specimen: UCMNH *no number*: holotype, Atlantic Ocean, Saint Helena, 2 miles S. 49° E off Long Range Point

giganteus, *Priapus* Forsskål, 1775

Valid name: ***Stichodactyla gigantea* (Forsskål, 1775)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: Yemen, Red Sea [Mer Rouge], Mochhae; syntypes *not found*: Yemen, Red Sea [Mer Rouge], Lohajae

gigas, *Bunodactis* Pax, 1926

Valid names used: ***Anthopleura michaelsoni* (Pax, 1920)**; ***Aulactinia reynaudi* (Milne Edwards, 1857)**

Described from x12.

Type specimens: syntypes *not found*: South Africa, Cape of Good Hope

gilbertensis, *Edwardsia* Carlgren, 1931

Valid name: ***Edwardsianthus gilbertensis* (Carlgren, 1931)**

Described from many specimens *ex* at least three localities.

Type specimens: NHMG Anthoz. 132: 12 syntypes, Kiribati, Gilbert Islands, Tapetoca [Tapitoca]; NRS 94: 48 syntypes, Kiribati, Gilbert Islands, Tapetoca [Tapitoca]; NRS 12840: 173 or 174 syntypes, Kiribati, Gilbert Islands, Tapetoca [Tapitoca]; NRS 5575: 8 syntypes, Kiribati, Taritari; NRS 5575: 8 syntypes, Kiribati [Phoenix Islands], Apaiang; NVT 567: 2 syntypes, Kiribati, Gilbert Islands, Tapetoca [Tapitoca]; UCMNH *no number*: 3 syntypes, Indonesia, Kai Archipelago [Kepulauan Kai] [Kei Islands], Doe Roa

***gilbertensis*, *Edwardsianthus* (Carlgren, 1931)**

Synonymy: *Edwardsia gilbertensis* Carlgren, 1931 [Ref. 287], p. 10–12 (original description).

Edwardsianthus gilbertensis Carlgren, 1931: England, 1987 [Ref. 63], p. 218, 231.

glandulosa, *Actinia* Otto, 1823

Valid names used: ***Aulactinia glandulosa* (Otto, 1823)** new combination; ***Aulactinia rubripunctata* (Grube, 1840)**

Described from unspecified number *ex* three localities.

Type specimens: syntypes *not found*: Italy, Bay of Portobello; syntypes *not found*: Italy, Mediterranean Sea, Sardinia, Nissa [Nizza]; syntypes *not found*: France, Mediterranean Sea, Villefranche-sur-Mer [Villafranca]

***glandulosa*, *Actinothoe* Carlgren, 1954**

Described from unspecified number.

Type specimens: MZL 203: 1 syntype, Australia, Western Australia, Point Peron; WAM Z878: 1 syntype, Australia, Western Australia, Point Peron; WAM Z879: 3 syntypes, Australia, Western Australia, Point Peron

Synonymy: *Actinothoe glandulosa* Carlgren, 1954 [Ref. 308], p. 582–583 (original description).

Actinothoe glandulosa Carlgren, 1954: Griffith & Fromont, 1998 [Ref. 754], p. 227–228.

***glandulosa*, *Aulactinia* (Otto, 1823)** new combination

Synonymy: *Actinia glandulosa* Otto, 1823 [Ref. 656], p. 293–294 (original description).

Cribrina glandulosa (Otto): Ehrenberg, 1834 [Ref. 58], p. 264.

Bunodactis glandulosa (Otto): Verrill, 1899 [Ref. 470], p. 42.

Aulactinia glandulosa (Otto, 1823): new combination herein.

glandulosa, *Stichodactis* Lager, 1911

Valid name: ***Heteractis malu* (Haddon & Shackleton, 1893)**

Described from x3.

Type specimens: MNB 5445: 1 syntype, Australia, Western Australia, Broome; NRS 4266: 1 syntype, Australia, Western Australia, Broome; ZMH C5343: 1 syntype, Australia, Western Australia, Broome

***glauca*, *Nevadne* (Annandale, 1915)**

Synonymy: *Gyrostoma glaucum* Annandale, 1915 [Ref. 6], p. 69, 70–72 (original description).

Nevadne glauca Annan.: Stephenson, 1922 [Ref. 451], p. 264.

glaucum, *Gyrostoma* Annandale, 1915

Type species of *Nevadne* by monotypy.

Valid name: ***Nevadne glauca* (Annandale, 1915)**

Described from x8 *ex* three localities.

Type specimens: IM 6825/7: holotype, India, Bengal, Chilka Lake, Rambha Bay; 4 paratypes: repository not specified, India, Bengal, Chilka Lake, Rambha Bay, channel between Satpara and Mahosa; 3 paratypes: repository not specified, India, Bengal, Chilka Lake, Manikpatna

globulifera, *Bunodeopsis* Verrill, 1900

Valid name: ***Bunodeopsis antilliensis* Duerden, 1897**

Described from unspecified number >1.

Type specimens: syntypes *not found*: Bermuda

globulifera, *Urticina* Duchassaing, 1850

Type species of *Viatrix* by monotypy.

Valid name: ***Viatrix globulifera* (Duchassaing, 1850)**

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, Antilles

***globulifera*, *Viatrix* (Duchassaing, 1850)**

Synonymy: *Urticina globulifera* Duchassaing, 1850 [Ref. 70], p. 9 (original description).

Viatrix globulifera Duchassaing: Duchassaing & Michelotti, 1860 [Ref. 323], p. 44.

Viatrix Globulifera [no author]: Duchassaing, 1870 [Ref. 1674], p. 20.

Uncertain genus *globulifera* Duch.: Andres, 1883 [Ref. 6170], p. 580.

[*non*] *Bunodeopsis globulifera* Verrill, 1900 [Ref. 474], p. 559 (original description).

Bunodeopsis globulifera (Duchs. and Mich.): Carlgren, 1952 [Ref. 306], p. 381–382.

globulosa, *Actinia* Quoy & Gaimard, 1833

Valid name: ***Anemonactis globulosa* (Quoy & Gaimard, 1833)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: Australia, Port Jervis; syntypes *not found*: Australia, Victoria, Port Western

***globulosa*, *Anemonactis* (Quoy & Gaimard, 1833) new combination**

Synonymy: *Actinia globulosa* Quoy & Gaimard, 1833 [Ref. 194], p. 143–144 (original description).

Melactis globulosa [no author]: Milne Edwards, 1857 [Ref. 508], p. 260.

Corynactis globulosa Quoy and Gaimard: Verrill, 1869 [Ref. 461] (1870), p. 74 [40].

Eloactis globulosa Q. & Gaim.: Andres, 1883 [Ref. 6170], p. 465–466.

Anemonactis globulosa (Quoy and Gaimard, 1833): new combination herein.

***glomeratum*, *Actinodendron* Haddon, 1898**

Described from unspecified number.

Type specimens: MZC I.33460: 1 syntype, Australia, Queensland, Torres Strait, Murray Islands, Mer [Maer] Island;

MZL *no number*: 4 microscope slides of syntype, Australia, Queensland, Torres Strait,

Murray Islands, Mer [Maer] Island

Synonymy: [*pro parte*] *Actinodendron alcyonideum* Q. & G.: Haddon & Shackleton, 1893 [Ref. 364], p. 117.

Actinodendron glomeratum Haddon, 1898 [Ref. 363], p. 399, 492–493 (original description).

***goanense*, *Bunodosoma* den Hartog & Vennam, 1993**

Synonymy: *Bunodosoma goanensis* den Hartog & Vennam, 1993 [Ref. 110], p. 610–617 (original description).

Bunodosoma goanense den Hartog & Vennam, 1993: correct spelling original herein.

goanensis, *Bunodosoma* den Hartog & Vennam, 1993

Valid name: *Bunodosoma goanense* den Hartog & Vennam, 1993 for gender agreement

Described from x72 ex four localities.

Type specimens: NNM 18434: holotype, India, Goa, Anjuna; NNM 18435: 50 paratypes, India, Goa, Anjuna; NNM 18436: 16 paratypes, India, Goa, Anjuna; NNM 18437: 1 paratype, India, Maharashtra, Ratnagiri District, Malvan; NNM 18438: 2 paratypes, India, west coast, Kanya Kumari; NNM 18450: 2 paratypes, India, Gujarat, Okha

***gokhaleae*, *Acontiactis* England, 1990**

Type species of *Acontiactis* by original designation.

Described from holotype, x19 paratypes.

Type specimens: BMNH 1989.3.14.1: holotype, India, Maharashtra, Thane Creek; BNHS 002: 12 paratypes, India, Maharashtra, Thane Creek; BMNH 1989.3.14.2-8: 7 paratypes, India, Maharashtra, Thane Creek

Synonymy: *Acontiactis gokhaleae* England, 1990 [Ref. 72], p. 141, 143, 150–155 (original description).

***goodsiri*, *Edwardsia* M'Intosh, 1866**

Described from unspecified number.

Type specimens: syntypes *not found*: UK, Scotland, St. Andrews, on beach

Synonymy: *Edwardsia Goodsiri* M'Intosh, 1866 [Ref. 560], p. 395 (original description). *nomen dubium* according to Williams, 1981 [Ref. 491], p. 348.

Edwardsiella goodsiri McIntosh: Pennington, 1885 [Ref. 422], p. 178.

Edwardsia goodsiri M'Intosh: Haddon, 1889 [Ref. 362], p. 332.

Edwardsia goodsiri, McIntosh: Stephenson, 1935 [Ref. 505], p. 390 (of uncertain status).

***gopalai*, *Boloceractis* Panikkar, 1937**

Type species of *Boloceractis* by original designation.

Described from unspecified number.

Type specimens: syntypes *not found*: India, Travancore, Astamudi Lake; syntypes *not found*: India, Tamil Nadu, Madras [Chennai], Ennur; syntypes *not found*: India, Tamil Nadu, Madras [Chennai], Adyar

Synonymy: *Boloceractis gopalai* Panikkar, 1937 [Ref. 178], p. 76, 77–84, 86, 88 (original description).

Boloceractis gopalayi [sic] Panikkar 1937a: Carlgren, 1949 [Ref. 31], p. 40.

gossei, *Cymbactis* Stephenson, 1918

Valid name: *Sicyonis gossei* (Stephenson, 1918)

Described from x1.

Type specimen: holotype *not found*: 51°12'30"N–51°17'30"N, 12°6'W–12°18'W, Irish Fisheries sta. S.R. 335

gossei, *Sagartia* Verrill, 1869

Valid name: *Sagartia elegans* (Dalyell, 1848)

Type specimens of a *nomen novum* are those of the species whose name is replaced (International Code of Zoological Nomenclature Article 72.7).

Comment: Replacement name (International Code of Zoological Nomenclature Article 60) for junior secondary homonym *Sagartia nivea* Gosse, 1853, as part of Verrill (1869) [Ref. 458] placing *Actinia nivea* Lesson, 1832, in *Sagartia*.

***gossei*, *Sicyonis* (Stephenson, 1918)**

Synonymy: *Cymbactis gossei* Stephenson, 1918 [Ref. 442], p. 123–126 (original description).

Sicyonis gossei (Stephenson, 1918): Carlgren, 1949 [Ref. 31], p. 81.

***goughiensis*, *Calamactinia* Carlgren, 1949**

Type species of *Calamactinia* by monotypy.

Described from unspecified number.

Type specimens: syntypes *not found*: South Atlantic Ocean, SW of Gough Island

Synonymy: *Calamactinia goughiensis* Carlgren, 1949 [Ref. 31], p. 28 (original description)

Comment: Name interpreted as available under International Code of Zoological Nomenclature Article 13(c) by Fautin (1998).

gracilis, *Actinia* Quoy & Gaimard, 1833

Senior homonym to junior primary homonym of Hemprich & Ehrenberg *in* Ehrenberg (1834).

Valid name: ***Anemonia gracilis* (Quoy & Gaimard, 1833)**

Described from unspecified number.

Type specimens: syntypes *not found*: Indian Ocean, Mauritius [Ile de France], Port Louis

***gracilis*, *Actinia* Hemprich & Ehrenberg *in* Ehrenberg, 1834**

Junior primary homonym to senior homonym of Quoy & Gaimard (1833).

Described from unspecified number.

Type specimens: MNB 197: 1 syntype, Mediterranean Sea, Adriatic Sea, Trieste [Tergestum]; MZL *no number*: 1 microscope slide of syntype, Mediterranean Sea, Adriatic Sea, Trieste [Tergestum]

Synonymy: [*non*] *Actinia gracilis* Quoy & Gaimard, 1833 [Ref. 194], p. 151–152 (original description). senior homonym *Actinia gracilis* Hemprich & Ehrenberg *in* Ehrenberg, 1834 [Ref. 58], p. 260 (original description). junior primary homonym

***gracilis*, *Anemonia* (Quoy & Gaimard, 1833)**

Synonymy: *Actinia gracilis* Quoy & Gaimard, 1833 [Ref. 194], p. 151–152 (original description). senior homonym [*non*] *Actinia gracilis* Hemprich & Ehrenberg *in* Ehrenberg, 1834 [Ref. 58], p. 260 (original description). junior primary homonym

Anemonia gracilis [no author]: Milne Edwards, 1857 [Ref. 508], p. 235.

Uncertain genus *gracilis* Q. & Gaim.: Andres, 1883 [Ref. 6170], p. 579.

***gracillima*, *Actinothoe* (McMurrich, 1887)**

Synonymy: *Sagartia gracillima* McMurrich, 1887 [Ref. 385], p. 61 (original description).

Actinothoë gracillima (McMurrich 1887): Carlgren, 1949 [Ref. 31], p. 102.

gracillima, *Sagartia* McMurrich, 1887

Valid name: ***Actinothoe gracillima* (McMurrich, 1887)**

Described from x2.

Type specimens: syntypes *not found*: USA, North Carolina, Beaufort

***graminea*, *Actinia* Drayton *in* Dana, 1846**

Described from unspecified number.

Type specimens: syntypes *not found*: Atlantic Ocean, Cape Verde Islands [Cape de Verdes], St. Jago [Ilha de Sao Tiago], Porto Praya [Praia], False Bay (United States Exploring Expedition ["Wilkes Expedition"])

Synonymy: *Actinia graminea* Drayton *in* Dana, 1846 [Ref. 318], p. 132–133 (original description).

***grande*, *Bunodosoma* (Verrill, 1869)**

Synonymy: *Cladactis grandis* Verrill, 1869 [Ref. 458], p. 472–473 (original description).

Alicia grandis (Verr.): Haddon & Shackleton, 1893 [Ref. 364], p. 128.

[*pro parte*] *Antholoba reticulata* (Dana): McMurrich, 1893 [Ref. 386], p. 164–165, 206–207.

Cystiactis grandis [no author]: Duerden, 1897 [Ref. 54], p. 4.

Eucladactis grandis Ver.: Verrill, 1899 [Ref. 470], p. 49–50.

Phymactis grandis Verr.: Stephenson, 1922 [Ref. 451], p. 285.

Bunodosoma grandis (Verrill 1869): Carlgren, 1949 [Ref. 31], p. 52.

Bunodosoma grande (Verrill, 1869): correct spelling original herein.

grandis, *Cladactis* Verrill, 1869

Type species of *Cladactis* by monotypy. Type species of *Eucladactis*, which replaced *Cladactis*: a nominal genus and its replacement name have the same type species (International Code of Zoological Nomenclature Article 67.8).

Valid names used: *Bunodosoma grande* (Verrill, 1869) for gender agreement; *Phymactis papillosa* (Lesson, 1830)

Described from unspecified number.

Type specimens: YPM 2101A: 5 syntypes, Peru, Paita [Payta]; YPM 2099A: 22 syntypes, Panama, Golfo de Panama [Gulf of Panama, Bay of Panama], Archipelago Las Perlas [Pearl Islands]; YPM 2100A: 4 syntypes, Panama; YPM 1008: 2 syntypes, Panama; YPM 2101B: 3 syntypes, Peru, Paita [Payta]; YPM 2100B: 2 syntypes, Panama; YPM 2099B: 4 syntypes, Panama, Golfo de Panama [Gulf of Panama, Bay of Panama], Archipelago Las Perlas [Pearl Islands]; syntypes *not found*: Peru, Tumbes Department, Zorritos; syntypes *not found*: Nicaragua, near San Juan del Sur, Rio Brito

***grandis*, *Flosmaris* Hand & Bushnell, 1967**

Described from holotype, x5 paratypes.

Type specimens: USNM 52592: holotype, USA, California, Alameda County, Bay Farm Island; USNM 52593: 2 paratypes, USA, California, Alameda County, Bay Farm Island; USNM 52594: 3 paratypes, USA, California, Alameda County, Bay Farm Island

Synonymy: *Flosmaris grandis* Hand & Bushnell, 1967 [Ref. 376], p. 3–8 (original description).

***granulata*, *Actinauge* Carlgren, 1928**

Described from x4.

Type specimens: MNB 7263: 3 syntypes, South Africa (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 103); NRS 3997: 1 syntype, South Africa (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 103)

Synonymy: *Actinauge granulata* Carlgren, 1928 [Ref. 198], p. 201–203 [79–81] (original description).

granulifera, *Actinia* Le Sueur, 1817

Type species of *Bunodosoma* by original designation.

Valid name: ***Bunodosoma granuliferum* (Le Sueur, 1817)**

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, Martinique [Martinico]

***granuliferum*, *Bunodosoma* (Le Sueur, 1817)**

Synonymy: *Actinia granulifera* Le Sueur, 1817 [Ref. 128], p. 173 (original description).

Urticina Lessonii Duchassaing, 1850 [Ref. 70], p. 9 (original description).

Oulactis granulifera [no author]: Milne Edwards, 1857 [Ref. 508], p. 293.

Urticina granulifera Lesueur: Duchassaing & Michelotti, 1860 [Ref. 323], p. 42.

Cereus Lessoni [sic] Duchassaing: Duchassaing & Michelotti, 1860 [Ref. 323], p. 42.

Cereus lessoni [sic] Duchassaing: Duchassaing & Michelotti, 1861 [Ref. 1805], p. 318.

Anthopleura granulifera Lesueur: Duchassaing & Michelotti, 1864 [Ref. 322], p. 32.

Anthopleura Granulifera [no author]: Duchassaing, 1870 [Ref. 1674], p. 20.

Aulactinia granulifera Les.: Andres, 1883 [Ref. 6170], p. 438.

Bunodes taeniatus McMurrich, 1889 [Ref. 387], p. 23–27 (original description).

Bunodes taeniatus Mc Murrich: Carlgren, 1895 [Ref. 734], p. 285.

Bunodes granulifera (Les.): Duerden, 1897 [Ref. 55], p. 454.

Bunodosoma granulifera [sic] (Les., 1817): Verrill, 1899 [Ref. 470], p. 44–45.

Bunodosoma granuliferum (Les.): Pax, 1910 [Ref. 407], p. 162, 164, 165, 184–189.

Phymactis granulifera Les.: Stephenson, 1922 [Ref. 451], p. 285.

***gravieri*, *Actinothoe* (Pax, 1912)**

Synonymy: *Sagartia gravieri* Pax, 1912 [Ref. 408], p. 21–23, 25 (original description).

Actinothoë gravieri (Pax 1912): Carlgren, 1949 [Ref. 31], p. 103.

gravieri, *Sagartia* Pax, 1912

Valid name: ***Actinothoe gravieri* (Pax, 1912)**

Described from x3.

Type specimens: syntypes *not found*: Peru, Paita [Payta]

***grebelnyi*, *Urticina* Sanamyan & Sanamyan, 2006**

Described from holotype, x7 paratypes.

Type specimens: KPI 223/6: holotype, Russia, Kamchatka, Avacha [Awatcha] Bay, Starichkov Island; KPI 229/7: 1 paratype, Russia, Kamchatka, Avacha [Awatcha] Bay, Starichkov Island; KPI 259/13: 1 paratype, Russia, East Kamchatka, Kekkurny Point; KPI 260/14: 1 paratype, Russia, East Kamchatka, Zhirovaya Bay; KPI 238/10: 1 paratype, Russia, Kamchatka, Avacha [Awatcha] Bay, Starichkov Island; KPI 193/3: 1 paratype, Russia, Kamchatka, Avacha [Awatcha] Bay, Bezmyannaya Bay; KPI 231/8: 2 paratypes, Russia, East Kamchatka, Kronotsky Bay, Morzhovaya Bay

Synonymy: *Urticina grebelnyi* Sanamyan & Sanamyan, 2006 [Ref. 5638], p. 359, 360, 374, 375, 379–383, 386, 388–391 (original description).

greenii, *Tealia* Wright, 1859

Valid name: ***Urticina felina* (Linnaeus, 1761)**

Proposed provisionally.

Described from x1.

Type specimen: holotype *not found*: Ireland, County Cork, Cork

***griffithsi*, *Megalactis* Saville-Kent, 1893**

Described from unspecified number.

Type specimens: syntypes *not found*: Australia, Queensland, Torres Strait, Warrior Reef

Synonymy: *Megalactis griffithsi* Saville-Kent, 1893 [Ref. 440], p. 35, 147 (original description).

Megalactis Griffithsi [sic] Saville-Kent: Carlgren, 1896 [Ref. 735], p. 175.

Megalactis Griffithsi S.-K.: Haddon, 1898 [Ref. 363], p. 399, 493–494.

Megalactis griffithsii [sic] Saville Kent: Stephenson, 1922 [Ref. 451], p. 295.

***grobbei*, *Actinia* Watzl, 1922**

Described from x5.

Type specimens: MZL 181: 4 syntypes, Bahamas, New Providence, Nassau

Synonymy: *Actinia grobbei* Watzl, 1922 [Ref. 479], p. 24–27, 28, 74 (original description).

Actinia Grobbei Watzl 1922: Carlgren, 1949 [Ref. 31], p. 50.

***groendyki*, *Actinoscyphia* Eash-Loucks & Fautin, 2012**

Described from holotype, x6 paratypes.

Type specimens: SBMNH 149661: holotype, North Pacific Ocean (44.99° N, 126.66° W); KU 003350: 1 paratype, North Pacific Ocean (44.99° N, 126.66° W); KU 003351: 1 paratype, North Pacific Ocean (45.29° N, 126.47° W); SBMNH 149662: 1 paratype, North Pacific Ocean (44.99° N, 126.66° W); USNM 1149362: 1 paratype, North Pacific Ocean (45.29° N, 126.47° W); RBCM 010-00571-001: 1 paratype, North Pacific Ocean (45.29° N, 126.47° W); CAS 184531: 1 paratype, North Pacific Ocean (45.29° N, 126.47° W)

Synonymy: [*pro parte*] *Actinoscyphia plebeia* (McMurrich, 1893): Fautin, 1984 [Ref. 346], p. 1, 19, 37–40.

Actinoscyphia groendyki Eash-Loucks & Fautin, 2012 [Ref. 6202], p. 3, 4, 6, 15–21, 48, 56–58 (original description).

***groenlandica*, *Actinostola* Carlgren, 1899**

Described parenthetically from unknown number.

Type specimens: syntypes *not found*: locality unknown

Synonymy: *Actinostola groenlandica* Carlgren, 1899 [Ref. 148], p. 33 (original description).

Actinostola groenlandica [sic] [no author]: Zamponi, 1984 [Ref. 5777], p. 117.

***groenlandica*, *Parasicyonis* Carlgren, 1933**

Described from x1 damaged specimen.

Type specimen: UCMNH *no number*: holotype, 63°36'N, 55°15'W (Godthaab Expedition sta. 179)
Synonymy: *Parascyionis groenlandica* Carlgren, 1933 [Ref. 285], p. 17–20 (original description).

grubii, *Edwardsia* Andres, 1883

Valid name: ***Edwardsia perdita* Williams, 1981**

Described from x1.

Type specimens: holotype *not found*: Croatia, Mediterranean Sea, Adriatic Sea, Lussin Island

Comment: For specimen Grube (1864) stated resembled *Actinia chrysanthellum*. Because Andres was naming only that specimen, not the entire species, not a *nomen novum* (as Andres termed it) in sense of the International Code of Zoological Nomenclature. Williams (1981) considered Andres name a junior secondary homonym, so created replacement name (International Code of Zoological Nomenclature Article 60) *Edwardsia perdita*.

grubii, *Urophysalus* Costa, 1869

Type species of *Urophysalus* by monotypy.

Valid name: ***Edwardsia claparedii* (Panceri, 1869)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: locality unknown

***guadalupensis*, *Paractis* Duchassaing & Michelotti, 1860**

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, Guadeloupe

Synonymy: *Paractis Guadalupensis* Duchassaing & Michelotti, 1860 [Ref. 323], p. 39 (original description).

Paractis guadalupensis Duch. et Mich.: Duchassaing & Michelotti, 1864 [Ref. 322], p. 28.

Peractis [*sic*] *Guadalupensis* [no author]: Duchassaing, 1870 [Ref. 1674], p. 20.

Paractis Guadalupensis [no author]: Andres, 1883 [Ref. 6170], p. 600. *species delendae*

guttata, *Actinia* unavailable

Published as a synonym by Verrill, 1864 [Ref. 455] (p. 25) and not treated as an available name prior to 1961 (International Code of Zoological Nomenclature Article 11.6).

***hadale*, *Galatheanthemum* Carlgren, 1956**

Described from x20 at "type locality": data on x20 *ex* two other localities.

Type specimens: UCMNH *no number*: 2 syntypes, 10°13'N, 126°43'E (*Galathea* Expedition sta. 418); UCMNH *no number*: 1 syntype, 10°13'N, 126°43'E (*Galathea* Expedition sta. 418); UCMNH *no number*: 1 syntype, 10°13'N, 126°43'E (*Galathea* Expedition sta. 418); UCMNH *no number*: 14 or 15 syntypes, 10°13'N, 126°43'E (*Galathea* Expedition sta. 418)

Synonymy: *Galatheanthemum hadale* Carlgren, 1956 [Ref. 310], p. 12–13 (original description).

haddoni, *Actinioides* Kwietniewski, 1898

Valid name: ***Anthopleura haddoni* (Kwietniewski, 1898)**

Described from x3.

Type specimens: NRS 4865: wedge of syntype, Indonesia, Moluccas Islands, Ambon [Amboina]; PMJ 60: 3 syntypes, Indonesia, Moluccas Islands, Ambon [Amboina]

***haddoni*, *Anthopleura* (Kwietniewski, 1898)**

Synonymy: *Actinioides haddoni* Kwietniewski, 1898 [Ref. 125], p. 387, 389, 391–392 (original description).

Actinoides [*sic*] *Haddoni* Kwietn.: Carlgren, 1900 [Ref. 195], p. 43 [63].

Anthopleura haddoni (Kwietniewski): Carlgren, 1947 [Ref. 301], p. 16.

haddoni, *Discosoma* Saville-Kent, 1893

Valid name: ***Stichodactyla haddoni* (Saville-Kent, 1893)**

Described from unspecified number.

Type specimens: syntypes *not found*: Australia, Queensland, Great Barrier Reef, south to Flat Top Island off Mackay

haddoni, *Gyrostoma* Lager, 1911

Valid name: *Entacmaea quadricolor* (Leuckart in Rüppell & Leuckart, 1828)

Described from x2.

Type specimens: MNB 5447: 2 syntypes, Australia, Western Australia, Freemantle Bay, Rottnest Island, Green Island, Hamburger südwest-australischen Forschungsreise 1905 sta. 46; ZMH C5328: 1 syntype, Australia, Western Australia, Freemantle Bay, Rottnest Island, Green Island, Hamburger südwest-australischen Forschungsreise 1905 sta. 46

***haddoni*, *Stichodactyla* (Saville-Kent, 1893)**

Synonymy: *Actinia gigantea* (Forskål): Ehrenberg, 1834 [Ref. 58], p. 256.

Discosoma giganteum [no author]: Klunzinger, 1877 [Ref. 121], p. 83–84.

Discosoma Haddoni Saville-Kent, 1893 [Ref. 440], p. 32–33 (original description).

Stoichactis Haddoni (S.-K.): Haddon, 1898 [Ref. 363], p. 398, 474–476.

Stoichactis haddoni (S.-Kent): Pax, 1910 [Ref. 407], p. 227.

Soichactis ambonensis (Kwietn.): Pax, 1924 [Ref. 415], p. 14–15.

Stoichactis giganteum (Forsk.) Carlgr.: Menon, 1927 [Ref. 160], p. 38.

Stoichactis kenti [no author]: Friese, 1972 [Ref. 5059], p. 33, 73, 74.

Stoichactis gigantea [no author]: Friese, 1972 [Ref. 5059], p. 33, 76.

Stoichactis gigantium (Forsk.): Trivedi, 1974 [Ref. 1310], p. 1.

Stichodactyla haddoni (Saville-Kent, 1893): Dunn, 1981 [Ref. 325], p. 4, 13, 77, 81–91, 95, 98, 104, 107–108.

***haeckeli*, *Actinostephanus* Kwietniewski, 1897**

Type species of *Actinostephanus* by monotypy.

Described from x2.

Type specimens: NRS 4863: wedge of syntype, Indonesia, Moluccas Islands, Ambon [Amboina]; PMJ 706: 2 syntypes, Indonesia, Moluccas Islands, Ambon [Amboina]

Synonymy: *Actinostephanus Haeckeli* Kwietniewski, 1897 [Ref. 400], p. 23–27 (original description).

Actinostephanus Haeckeli Kwietn.: Haddon, 1898 [Ref. 363], p. 495.

Actinostephanus haeckeli [no author]: Kwietniewski, 1898 [Ref. 125], p. 387–388, 403–404.

Actinostephanus haekeli [sic] Kwietn.: Carlgr., 1940 [Ref. 281], p. 34.

***haemisphaerica*, *Sicyonis* Carlgr., 1934**

Described from x1.

Type specimen: MZB 39197: holotype, 28°8'N, 13°35'W (Michael Sars North Atlantic Deep-Sea Expedition 1910 sta. 41)

Synonymy: *Sicyonis haemisphaerica* Carlgr., 1934 [Ref. 290], p. 9–10 (original description).

Sicyonis haemisphaerica [sic] Carlgr. 1934: Carlgr., 1949 [Ref. 31], p. 81.

Comment: Carlgr. (1949) misspelling constitutes incorrect subsequent spelling according to International Code of Zoological Nomenclature Article 33.5.

***handi*, *Anthopleura* Dunn, 1978**

Described from holotype, x10 paratypes.

Type specimens: CAS 015674: ½ of holotype, Malaysia, Selangor, Strait of Malacca, Jeram Beach; BPBM D515: ½ of paratype, Malaysia, Selangor, Strait of Malacca, Jeram Beach; BPBM D516: ½ of paratype, Malaysia, Selangor, Strait of Malacca, Jeram Beach; BPBM D517: 3 paratypes, Malaysia, Selangor, Strait of Malacca, Jeram Beach; CAS 015676: ½ of paratype, Malaysia, Selangor, Strait of Malacca, Jeram Beach; CAS 015677: ½ of paratype, Malaysia, Selangor, Strait of Malacca, Jeram Beach; CAS 015675: ¾ of paratype, Malaysia, Selangor, Strait of Malacca, Jeram Beach; USNM 56557: ½ of paratype, Malaysia, Selangor, Strait of Malacca, Jeram Beach; USNM 56558: ½ of paratype, Malaysia, Selangor, Strait of Malacca, Jeram Beach

Synonymy: =? *Bunodes hermaphroditicus* Carlgr., 1899 [Ref. 148], p. 23–24 (original description).

Anthopleura handi Dunn, 1978 [Ref. 337], p. 54–63 (original description).

***handi*, *Edwardsia* Daly & Ljubenkov, 2008**

Described from holotype, unspecified number of paratypes.

Type specimens: CAS 175201: holotype, USA, California, San Luis Obispo County, Morro Bay; CAS 175202: >10 paratypes, USA, California, San Luis Obispo County, Morro Bay; CAS 175205: 1 paratype, USA, California, San Luis Obispo County, Morro Bay

Synonymy: *Edwardsia handi* Daly & Ljubenkova, 2008 [Ref. 5980], p. 1, 3, 7–9, 22–24 (original description).

***hansingorum*, *Actinodendron* Carlgren, 1900**

Described from x4.

Type specimens: NRS 3983: 1 syntype, East Africa, Tanzania, Zanzibar, Kokotoni, reef south of Puopo Island; ZMH C2648: 1 syntype, East Africa, Tanzania, Zanzibar, Kokotoni, reef south of Puopo Island; ZMH C2649: 2 syntypes, East Africa, Tanzania, Zanzibar, Kokotoni, reef south of Puopo Island

Synonymy: *Actinodendron plumosum* Haddon, 1898 [Ref. 363], p. 399, 490–491 (original description).

Actinodendron Hansingorum Carlgren, 1900 [Ref. 195], p. 98–100 [118–120] (original description).

Actinodendron hansingorum Carlgren: Stephenson, 1922 [Ref. 451], p. 294.

hantuensis, *Edwardsia* unavailable

Proposed by England (1987) [Ref. 63] provisionally after 1960 (International Code of Zoological Nomenclature Article 15.1).

***haraldoi*, *Neoparacondylactis* Zamponi, 1974**

Type species of *Neoparacondylactis* by original designation.

Described from holotype, unspecified number of paratypes.

Type specimens: MLP 8501: holotype, Argentina, Río Negro, San Matías Gulf; IBM *no number*: >1 (unspecified) paratypes, Argentina, Río Negro, San Matías Gulf

Synonymy: *Neoparacondylactis haraldoi* Zamponi, 1974 [Ref. 270], p. 543–547 (original description).

harassi, *Edwardsia* de Quatrefages, 1842

Valid name: ***Edwardsia timida* de Quatrefages, 1842**

Described from x1.

Type specimen: holotype *not found*: English Channel, Chausey

***hartogi*, *Segonzactis* Vafidis & Chintiroglou, 2002**

Described from holotype, x3 paratypes.

Type specimens: MFRI *no number*: holotype, Turkey, Mediterranean Sea, northern Aegean Sea, Mount Athos, RV *Filia*; AUT *no number*: 2 paratypes, Greece, Aegean Sea, central Aegean Sea, Ios Island, RV *Filia*; MFRI *no number*: 1 paratype, Turkey, Mediterranean Sea, northern Aegean Sea, Mount Athos, RV *Filia*

Synonymy: *Segonzactis hartogi* Vafidis & Chintiroglou, 2002 [Ref. 1768], p. 88–89, 91, 92 (original description).

***hashimotoi*, *Pacmanactis* López-González, Rodríguez, & Segonzac, 2005**

Type species of *Pacmanactis* by original designation.

Described from holotype, x3 paratypes.

Type specimens: NSM *no number*, holotype, Southwest Pacific Ocean, Manus Basin (BIOACCESS'98); MNHN *no number*: 1 paratype, Southwest Pacific Ocean, Manus Basin (BIOACCESS'98); NSM *no number*: 2 paratypes, Southwest Pacific Ocean, Manus Basin (BIOACCESS'98)

Synonymy: *Pacmanactis hashimotoi* López-González, Rodríguez & Segonzac, 2005 [Ref. 5873], p. 326, 327–336 (original description).

***hastata*, *Peachia* Gosse, 1855**

Type species of *Peachia* by subsequent designation (Carlgren, 1949).

Described from "many specimens."

Type specimens: syntypes *not found*: UK, England, Devon, near Torquay

Synonymy: *Actinia cylindrica* Reid, 1848 [Ref. 1490], p. 34–35 (original description).

Peachia hastata Gosse, 1855 [Ref. 95], p. 267–271 (original description).

Peachia cylindrica (Reid): Gosse, 1858 [Ref. 96], p. 418.
Peachia undata Gosse, 1858 [Ref. 96], p. 418 (original description).
Peachia triphylla Gosse, 1860 [Ref. 356], p. 243–244 (original description).
[*non*] *Peachia triphylla* [no author]: Andres, 1881 [Ref. 4], p. 307, 330, 341.
Halcampa fultoni (T.S.W.): Leslie & Herdman, 1881 [Ref. 1532], p. 63.
Siphonactinia triphylla Gos.: Andres, 1883 [Ref. 6170], p. 321–322.
Siphonactinia hastata Gos.: Andres, 1883 [Ref. 6170], p. 322–323.
Siphonactinia undata Gos.: Andres, 1883 [Ref. 6170], p. 322.
Philomedusa Fultonii [*sic*] Wright: Andres, 1883 [Ref. 6170], p. 326.
Halcampa cylindrica [no author]: Andres, 1883 [Ref. 6170], p. 317.
Siphonactinia tricapitata Andres, 1883 [Ref. 6170], p. 321 (original description).
Halcampa chrysanthellum Peach: Haddon, 1886 [Ref. 367], p. 1–12.
Peachia triphyllia [*sic*] Gosse: Fischer, 1887 [Ref. 80], p. 432.
Peachia tricapitata (Andres): Fischer, 1887 [Ref. 80], p. 405, 432.
Peachya [*sic*] *triphylla* [no author]: Weill, 1934 [Ref. 5655], p. 592.
Peachia hastata triphylla (Gosse): Pax, 1936 [Ref. 6190], p. 95.

***hastata*, *Sagartia* Wright, 1859**

Described from unspecified number.

Type specimens: syntypes *not found*: Ireland, western entrance of Berehaven Harbour, The Pipers

Synonymy: *Sagartia hastata* Wright, 1859 [Ref. 949], p. 181–182 (original description).

Thoe? Hastata (Wright): Gosse, 1860 [Ref. 356], p. 354. *incertae sedis*

Actinothoe ? hastata (Wright): Stephenson, 1935 [Ref. 505], p. 392 (of uncertain status).

***heia*, *Paraedwardsia* Daly & Ljubenkov, 2008**

Described from holotype, many paratypes.

Type specimens: CAS 175217: holotype, USA, California, San Francisco, SF-DODS sta. 6; CAS 175225: 1 paratype, USA, California, San Francisco, SF-DODS sta. 1; CAS 175220: 1 paratype, USA, California, San Francisco, SF-DODS sta. 8; CAS 175245: 3 paratypes, USA, California, San Francisco, SF-DODS sta. 17; CAS 175246: 1 paratype, USA, California, San Francisco, SF-DODS sta. 17; CAS 175248: 1 paratype, USA, California, San Francisco, SF-DODS sta. 6; CAS 175247: 1 paratype, USA, California, San Francisco, SF-DODS sta. 16; CAS 175226: 1 paratype, USA, California, San Francisco, SF-DODS sta. 116; CAS 175233: 1 paratype, 37°39.00'N, 123°30.00'W, SF-DODS sta. 12; CAS 175224: 1 paratype, USA, California, San Francisco, SF-DODS sta. 57; CAS 175221: 1 paratype, USA, California, San Francisco, SF-DODS sta. 23; CAS 175227: 1 paratype, USA, California, San Francisco, SF-DODS sta. 57; CAS 175244: 1 paratype, USA, California, San Francisco, SF-DODS sta. 10; CAS 175223: 1 paratype, USA, California, San Francisco, SF-DODS sta. 108; CAS 175228: 1 paratype, USA, California, San Francisco, SF-DODS sta. 7; CAS 175222: 1 paratype, USA, California, San Francisco, SF-DODS sta. 18; CAS 175219: 2 paratypes, USA, California, San Francisco, SF-DODS sta. 16; CAS 175218: 1 paratype, USA, California, San Francisco, SF-DODS sta. 23; CAS 175242: 1 paratype, USA, California, San Francisco, SF-DODS sta. 24

Synonymy: *Paraedwardsia heia* Daly & Ljubenkov, 2008 [Ref. 5980], p. 1, 3, 11, 17, 18, 22, 24 (original description).

helianthus, *Actinia* Ellis, 1767

Senior homonym to junior primary homonym of Hemprich & Ehrenberg *in* Ehrenberg (1834). Resolved by moving both species to other genera, and by considering Hemprich & Ehrenberg name a junior synonym..

Valid name: ***Stichodactyla helianthus* (Ellis, 1767)**

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, West Indies

helianthus, *Actinia* Hemprich & Ehrenberg *in* Ehrenberg, 1834

Junior primary homonym to senior homonym of Ellis (1767). Resolved by moving both species to other genera, and by considering Hemprich & Ehrenberg name a junior synonym..

Valid names used: *Entacmaea quadricolor* (Leuckart in Rüppell & Leuckart, 1828); *Entacmaea helianthus* (Hemprich & Ehrenberg in Ehrenberg, 1834) new combination

Described from xl.

Type specimen: MNB 170: holotype, Egypt, Red Sea [Mer Rouge], near Tor [Tur, El-Tur, El Tûr]; NRS 5573: piece of holotype, Egypt, Red Sea [Mer Rouge], near Tor [Tur, El-Tur, El Tûr]

***helianthus, Entacmaea* (Hemprich & Ehrenberg in Ehrenberg, 1834) new combination**

Synonymy: [non] *Actinia helianthus* Ellis, 1767 [Ref. 767], p. 436 (original description). senior homonym

[non] *Actinia Helianthus* Ellis: Ellis & Solander, 1786 [Ref. 71], p. 6–7.

Actinia Helianthus Hemprich & Ehrenberg in Ehrenberg, 1834 [Ref. 58], p. 259 (original description). junior primary homonym

Actinia (Tristephanus) helianthus Ehrenb: Brandt, 1835 [Ref. 65], p. 11.

Actinia helianthus H. et Ehrenb.: Deshayes & Milne Edwards, 1840 [Ref. 68], p. 416.

Paractis helianthus [no author]: Milne Edwards, 1857 [Ref. 508], p. 251–252.

Paractis Helianthus [no author]: Klunzinger, 1877 [Ref. 121], p. 70.

Gyrostoma Helianthus (Hemprich and Ehrenberg 1834): Carlgren, 1949 [Ref. 31], p. 59.

Gyrostoma helianthus [no author]: Fricke, 1974 [Ref. 1279], p. 435–436, 438.

Entacmaea helianthus (Hemprich & Ehrenberg in Ehrenberg, 1834): new combination herein.

***helianthus, Stichodactyla* (Ellis, 1767)**

Synonymy: *Actinia anemone* Ellis, 1767 [Ref. 767], p. 436 (original description).

Actinia helianthus Ellis, 1767 [Ref. 767], p. 436 (original description). senior homonym

Actinia Helianthus Ellis: Ellis & Solander, 1786 [Ref. 71], p. 6–7.

Actinia Anemone Ellis: Ellis & Solander, 1786 [Ref. 71], p. 6.

[non] *Actinia Helianthus* Hemprich & Ehrenberg in Ehrenberg, 1834 [Ref. 58], p. 259 (original description). junior primary homonym

Actinia (Tristephanus) Ehrenbergii Brandt, 1835 [Ref. 65], p. 11 (original description).

[non] *Actinia helianthus* H. et Ehrenb.: Deshayes & Milne Edwards, 1840 [Ref. 68], p. 416.

Discosoma anemone [no author]: Duchassaing, 1850 [Ref. 70], p. 9.

Discosoma helianthus [no author]: Milne Edwards, 1857 [Ref. 508], p. 256.

Discosoma Helianthus Ellis: Duchassaing & Michelotti, 1864 [Ref. 322], p. 28.

Discosoma Anemone (Ellis) Duch.: McMurrich, 1898 [Ref. 388], p. 241.

Stoichactis anemone (Ellis): Haddon, 1898 [Ref. 363], p. 473.

Stoichactis helianthus [no author]: Carlgren, 1900 [Ref. 195], p. 76–77 [96–97].

Stichodactyla helianthus (Ellis, 1767) [sic]: Dunn, 1981 [Ref. 325], p. 6, 78–82, 104, 106, 108.

Stoichactis Helianthus (Ellis): Zamponi & Perez, 1996 [Ref. 1395], p. 92.

hemispherica, Actinia Pennant, 1777

Valid name: *Actinia equina* (Linnaeus, 1758)

Described from unspecified number.

Type specimens: syntypes *not found*: UK, Britain

***hemprichi, Anemonia* (Klunzinger, 1877)**

Synonymy: [*pro parte*] *Actinia Mesembryanthemum* (Ellis): Ehrenberg, 1834 [Ref. 58], p. 260.

Paractis Hemprichi Klunzinger, 1877 [Ref. 121], p. 72 (original description).

[*pro parte*] *Anemonia Hemprichii* [sic] Klunz.: Andres, 1883 [Ref. 6170], p. 411–412.

Entacmaea Mesembryanthemum [no author]: Carlgren, 1899 [Ref. 152], p. 14.

Isactinia Hemprichi (Klunz.): Carlgren, 1900 [Ref. 195], p. 33 [53].

[*pro parte*] *Isactinia hemprichi* (Klunz.): Pax, 1907 [Ref. 402], p. 57–58.

Anemonia hemprichi Klunz.: Stephenson, 1922 [Ref. 451], p. 267.

Anemonia Hemprichi (Klunzinger 1877): Carlgren, 1949 [Ref. 31], p. 50.

hemprichi, Paractis Klunzinger, 1877

Valid name: *Anemonia hemprichi* (Klunzinger, 1877)

Described from unspecified number.

Type specimens: syntypes *not found*: Red Sea [Mer Rouge]

***hemprichii*, *Heterodactyla* Ehrenberg, 1834**

Type species of *Heterodactyla* by monotypy.

Described from unspecified number.

Type specimens: syntypes *not found*: Egypt, Red Sea [Mer Rouge], Sinai Peninsula, near Sharm al-Sheikh [Sharem esh Sheikh]

Synonymy: *Heterodactyla Hemprichii* Ehrenberg, 1834 [Ref. 58], p. 266 (original description).

Heterodactyla Hemprichi [sic] Ehrenberg: Milne Edwards & Haime, 1851 [Ref. 162], p. 12.

Thalassianthus hemprichi [sic] Ehr.: Stephenson, 1922 [Ref. 451], p. 296.

Thalassianthus hemprichii [no author]: Stephenson, Stephenson, & Tandy, 1931 [Ref. 1311], p. 47.

Heterodactyla hemprichii Ehr.: Carlgren, 1950 [Ref. 311], p. 427, 441.

Heterodactyla hemprichi [sic] [no author]: Fishelson, 1970 [Ref. 815], p. 113, 115.

***hemprichii*, *Megalactis* Ehrenberg, 1834**

Type species of *Megalactis* by monotypy.

Described from unspecified number.

Type specimens: syntypes *not found*: Egypt, Red Sea [Mer Rouge], Ras Kafil [Ras el Kafil]

Synonymy: *Megalactis Hemprichii* Ehrenberg, 1834 [Ref. 58], p. 263 (original description).

Megalactis Hemprichi [sic] Ehrenberg: Milne Edwards & Haime, 1851 [Ref. 162], p. 11.

Actinaria Hemprichi [sic] [no author]: Klunzinger, 1877 [Ref. 121], p. 90–91.

Megalactis Hemprichii [sic] Ehrenberg: Kwietniewski, 1898 [Ref. 125], p. 401.

Megalactis hemprichii Ehrenberg 1834: Carlgren, 1949 [Ref. 31], p. 68.

Megalactis hemprichi [sic] [no author]: Fishelson, 1970 [Ref. 815], p. 109.

[*non*] *Megalactis hemprichii* Ehrenberg, 1834: Cutress, 1979 [Ref. 317], p. 53, 55, 57, 59.

herdmani, *Sagartia* Haddon in Herdman, 1891

Valid name: ***Sagartiogeton laceratus* (Dalyell, 1848)**

Described from unspecified number.

Type specimens: NRS 474: 5 syntypes, Ireland, County Killary, Killary Lough

***hermaphroditica*, *Anthopleura* (Carlgren, 1899)**

Synonymy: *Bunodes hermaphroditicus* Carlgren, 1899 [Ref. 148], p. 23–24 (original description).

[*non*] *Cribrina hermaphroditica* Carlgren, 1899: McMurrich, 1904 [Ref. 391], p. 287–289.

Bunodes hermafroditica [no author]: Carlgren, 1921 [Ref. 196], p. 148.

Anthopleura hermaphroditica (Carlgr.): Carlgren, 1927 [Ref. 210], p. 32–33.

Anthopleura hermafroditica [sic] (Carlgren 1899): Carlgren, 1949 [Ref. 31], p. 54.

=? *Anthopleura handi* Dunn, 1978 [Ref. 337], p. 54–63 (original description).

Cribrina hermaphroditica (Carlgren, 1899): Dawson, 1992 [Ref. 1261], p. 38.

Comments: Carlgren spelled the species name both with a “ph” and with an “f”; these are “variant spellings ... deemed to be identical” (International Code of Zoological Nomenclature Article 58.9). England (1987) suggested that *Anthopleura hermaphroditica* (which he attributed to Carlgren, 1898) and *A. handi* might be synonymous.

***hermaphroditica*, *Aulactinia* (Carlgren, 1959) new combination**

Synonymy: [*non*] *Bunodes hermaphroditicus* Carlgren, 1899 [Ref. 148], p. 23–24 (original description).

Cribrina hermaphroditica Carlgren, 1899: McMurrich, 1904 [Ref. 391], p. 287–289.

Bunodactis hermafroditica Carlgren, 1959 [Ref. 309], p. 22, 23, 34 (original description).

Bunodactis hermaphroditica (McMurrich, 1904): Daly, 2003 [Ref. 1877], p. 96.

Aulactinia hermaphroditica (Carlgren, 1959): new combination herein.

Comment: Carlgren (1959) recognized that specimens McMurrich (1904) had identified as *Cribrina hermaphroditica* Carlgren, 1899, did not belong to that species.

***hermaphroditica*, *Bolocerooides* Carlgren, 1900**

Described from x2.

Type specimens: syntypes *not found*: East Africa, Tanzania, Zanzibar, Bueni Reef

Synonymy: =? *Bolocera mc murrichi* Kwietniewski, 1898 [Ref. 125], p. 387, 389, 394–395 (original description).

Boloceroides hermaphroditica Carlgren, 1900 [Ref. 195], p. 18–19 [38–39] (original description).

=? *Boloceractis gopalai* Panikkar, 1937 [Ref. 178], p. 76, 77–84, 86, 88 (original description).

Boloceroides hermaphroditica [*sic*] [no author]: den Hartog, 1997 [Ref. 759], p. 358.

hermaphroditica, *Bunodactis* Carlgren, 1959

Valid name: ***Aulactinia hermaphroditica* (Carlgren, 1959)** new combination

Described from many *ex* 25 localities in Chile

Type specimens: MNHO B1075: many syntypes, Chile, Seno Reloncaví, Punta Pilluco (Lund University Chile Expedition 1948–49 sta. M 37)

hermaphroditicus, *Bunodes* Carlgren, 1899

Valid names used: ***Anthopleura hermaphroditica* (Carlgren, 1899)**; ?? ***Anthopleura handi* Dunn, 1978**

Described from "zahlreiche Expl."

Type specimens: NRS 1177: 2 syntypes, Chile, Talcahuano; ZMH C1495: 1 syntype, Chile, Talcahuano

***herpetodes*, *Cereus* (McMurrich, 1904)**

Synonymy: *Sagartia herpetodes* McMurrich, 1904 [Ref. 391], p. 268–271 (original description).

Cereus herpetodes (McMurr.): Carlgren, 1959 [Ref. 309], p. 31–32.

Cereus herpetoides [*sic*] [no author]: Geller, Fitzgerald, & King, 2005 [Ref. 5507], p. 620.

herpetodes, *Sagartia* McMurrich, 1904

Valid name: ***Cereus herpetodes* (McMurrich, 1904)**

Described from x19 *ex* three localities.

Type specimens: MNB 4239: 4 syntypes, Chile, Talcahuano, Puerto Montt (Plate Expedition); MNB 4240: 11 syntypes, Chile, near Talcahuano, Tumbes (Plate Expedition); 1 syntype *not found*: Chile, near Talcahuano, Tumbes (Plate Expedition)

hertwigi, *Condylactis* Wassilieff, 1908

Type species of ***Paracondylactis*** by subsequent designation (Carlgren, 1949).

Valid name: ***Paracondylactis hertwigi* (Wassilieff, 1908)**

Described from x3 *ex* two localities.

Type specimens: syntypes *not found*: Japan, Honshu, Enoura Bay; syntypes *not found*: Japan, Honshu, Suruga Bay

hertwigi, *Gyrostoma* Kwietniewski, 1897

Type species of *Gyrostoma* by monotypy.

Valid name: ***Entacmaea quadricolor* (Leuckart in Rüppell & Leuckart, 1828)**

Described from x2.

Type specimens: NRS 57: 3 pieces of syntype, Australia, Queensland, Torres Strait, Thursday Island; PMJ 66: 2 syntypes, Australia, Queensland, Torres Strait, Thursday Island

***hertwigi*, *Paracondylactis* (Wassilieff, 1908)**

Synonymy: *Condylactis hertwigi* Wassilieff, 1908 [Ref. 478], p. 11–13 (original description). type

Paracondylactis hertwigi (Wassilieff 1908): Carlgren, 1949 [Ref. 31], p. 55.

=? *Neocondylactis singaporensis* England, 1987 [Ref. 63], p. 206, 207, 265–268 (original description).

Paracondylactis hertwigii [*sic*] [no author]: Ardelean, 2003 [Ref. 5057], p. 131, 132.

***hertwigii*, *Phelliactis* Simon, 1892**

Type species of ***Phelliactis*** by monotypy.

Described from x3 *ex* two localities.

Type specimens: 1 syntype *not found*: North Atlantic Ocean (Triton Expedition sta. 13); 2 syntypes *not found*: North Atlantic Ocean (Triton Expedition sta. 10)

Synonymy: *Phelliactis Hertwigii* Simon, 1892 [Ref. 233], p. 75–84 (original description).

Chondrodactis duplicata Stephenson, 1918 [Ref. 442], p. 142–147 (original description).

Phelliactis hertwigii Simon, 1892: Stephenson, 1920 [Ref. 449], p. 539.

Phelliactis hertwigii [sic] Simon.: Carlgren, 1942 [Ref. 197], p. 39–40.

***hespervolita*, *Isoaulactinia* Daly, 2004**

Described from holotype, x6 paratypes.

Type specimens: KU 001790: holotype, Mexico, Baja California Sur, Gulf of California, La Paz; CAS 050146: 2 paratypes, Mexico, Baja California Sur, Bahía Sebastian Vizcaino (Pacific side); KU 001618: 4 paratypes, Mexico, Baja California Sur, Gulf of California, La Paz

Synonymy: *Isoaulactinia hespervolita* Daly, 2004 [Ref. 4868], p. 377, 379, 381–387 (original description).

heterocera, *Corynactis* Thompson, 1853

Type species of *Aureliania* by subsequent designation (Carlgren, 1949).

Valid name: ***Capnea sanguinea* Forbes, 1841**

Described from unspecified number.

Type specimens: syntypes *not found*: UK, England, Weymouth Bay

***hilli*, *Peachia* Wilsmore, 1911**

Described from x2.

Type specimens: syntypes *not found*: Australia, New South Wales, Broken Bay, Clareville Wharf

Synonymy: *Peachia hilli* Wilsmore, 1911 [Ref. 268], p. 39–46 (original description).

holsatica, *Actinia* Müller, 1806

Valid name: ***Urticina felina* (Linnaeus, 1761)**

Described from unspecified number.

Type specimens: syntypes *not found*: Germany, Helgoland [Heligoland]

***homophilus*, *Isanthus* Chintiroglou & Doumenc, 1998**

Described from holotype, x2 paratypes.

Type specimens: MNHN B-24446: holotype, French Polynesia, Makemo Atoll (sta. 309); MNHN B 24343: 2 paratypes, French Polynesia, Tuamotu [Paumotu] Archipelago, Mururoa Atoll

Synonymy: *Isanthus homophilus* Chintiroglou & Doumenc, 1998 [Ref. 741], p. 829–834 (original description).

horstii, *Edwardsia* Pax, 1924

Valid names used: ***Scolanthus curacaoensis* (Pax, 1924); *Telmatactis solidago* (Duchassaing & Michelotti, 1864)**

Described from x43.

Type specimens: ZMA 2531: 36 syntypes, Caribbean Sea, Netherlands Antilles, Curaçao, Spaansch Water

***hourdezi*, *Cyananthea* Zelnio, Rodríguez, & Daly, 2009**

Described from holotype, x3 paratypes.

Type specimens: USNM 1114480: holotype, Fiji, Lau Basin (TowCam, MGLNO7MV sta. J2-240); USNM 1114481: 3 paratypes, Fiji, Lau Basin (TowCam, MGLNO7MV sta. J2-240)

Synonymy: *Cyananthea hourdezi* Zelnio, Rodríguez, & Daly, 2009 [Ref. 6100], p. 549, 550, 551, 552, 553, 567, 569 (original description).

hozawai, *Andwakia* [misspelling of *Andvakia*] Uchida, 1932

Type species of *Synandwakia* by monotypy.

Valid name: ***Synandwakia hozawai* (Uchida, 1932)**

Described from "several specimens"

Type specimens: syntypes *not found*: Japan, Honshu, Mutsu Bay

***hozawai*, *Synandwakia* (Uchida, 1932)**

Synonymy: *Andwakia Hozawai* Uchida, 1932 [Ref. 255], p. 394–396 (original description).

Andwakia hozawai Uchida: Uchida, 1938 [Ref. 260], p. 291–293.

Synandwakia Hozawai (Uchida 1932): Carlgren, 1949 [Ref. 31], p. 39.

Synandwakia hozawai (Uchida): Uchida & Uchida, 1969 [Ref. 524], p. 1–5.

***huanghaiense*, *Metridium* Pei, 1998**

Synonymy: *Metridium huanghaiensis* Pei, 1998 [Ref. 765], p. 125–129, 232–233 (original description).

Metridium huanghaiense Pei, 1998: correct spelling original herein.

huanghaiensis, *Metridium* Pei, 1998

Valid name: ***Metridium huanghaiense* Pei, 1998** for gender agreement

Described from x1.

Type specimen: IOC Y060B-4: holotype China, Huanghai, Yellow Sea

humanus, *Priapus* Linnaeus, 1758

Type species of *Priapus* by subsequent designation. (Verrill, 1914) [Ref. 6254].

Described from unspecified number.

Type specimens: syntypes *not found*: Indian Ocean [Mers de l'Inde]

Comment: Name suppressed in Opinion 1013 of the International Commission on Zoological Nomenclature (Bulletin of Zoological Nomenclature 30[3/4]:171–172: June 1974) for the purposes of the Law of Priority but not for those of the Law of Homonymy. Listed in Linnaeus (1767) [Ref. 130] as *Holothuria priapus*.

humilis, *Phellia* Verrill, 1928

Valid name: ***Telmatactis humilis* (Verrill, 1928)**

Described from unspecified number.

Type specimens: syntypes *not found*: USA, Hawaiian Islands, Kauai, Nawiliwili Bay

Comment: Description is annotated “Type of this species has not been located” by C. H. E. [Charles Howard Edmondson (1876–1970) edited Verrill's notes to produce Verrill (1928), which was published two years after Verrill's death].

***humilis*, *Telmatactis* (Verrill, 1928)**

Synonymy: *Phellia humilis* Verrill, 1928 [Ref. 263], p. 11, 21–22 (original description).

Edwardsiella carneola Verrill, 1928 [Ref. 263], p. 23, 27 (original description).

Telmatactis humilis (Verrill 1928): Carlgren, 1949 [Ref. 31], p. 91.

Edwardsia carneola Verrill 1928: Carlgren, 1949 [Ref. 31], p. 24.

***hunti*, *Haddonactis* (Haddon & Shackleton, 1893) new combination**

Synonymy: *Paraphellia Hunti* Haddon & Shackleton, 1893 [Ref. 364], p. 117, 129–130 (original description).

Paraphellia hunti Haddon & Shackleton: Carlgren, 1896 [Ref. 735], p. 175.

Haddonactis hunti (Haddon & Shackleton, 1893): new combination herein.

hunti, *Paraphellia* Haddon & Shackleton, 1893

Valid name: ***Haddonactis hunti* (Haddon & Shackleton, 1893) new combination**

Described from unspecified number.

Type specimens: syntypes *not found*: Australia, Queensland, Torres Strait, Murray Islands

***hutchingsae*, *Gymnophellia* England, 1992**

Type species of *Gymnophellia* by original designation.

Described from holotype, x1 paratype.

Type specimens: BMNH 1992.7.9.19: holotype, China, Hong Kong, New Territories, Hoi Ha, north end of Flat Island;
BMNH 1992.7.9.20: 1 paratype, China, Hong Kong, New Territories, Hoi Ha, north end of Flat Island

Synonymy: *Gymnophellia hutchingsae* England, 1992 [Ref. 73], p. 49, 50, 84–87 (original description).

hyalina, *Actinia* Le Sueur, 1817

Senior homonym to junior primary homonym of Delle Chiaje (1822). Resolved by moving both species to other genera, and by considering Delle Chiaje name a junior synonym.

Valid name: ***Ragactis hyalina* (Le Sueur, 1817)**

Described from unspecified number.
Type specimens: syntypes *not found*: Atlantic Ocean

hyalina, *Actinia* Delle Chiaje, 1822

Junior primary homonym to senior homonym of Le Sueur (1817). Resolved by moving both species to other genera, and by considering Delle Chiaje name a junior synonym..

Valid names used: *Aiptasiogeton hyalinus* (Delle Chiaje, 1822); *Sagartiogeton laceratus* (Dalyell, 1848)

Described from unspecified number.

Type specimens: syntypes *not found*: Italy, Gulf of Naples

hyalina, *Kyathactis* Danielssen, 1890

Valid name: *Glandulactis spetsbergensis* (Carlgren, 1893)

Type species of *Kyathactis* by monotypy.

Described from x1: another examined but discarded.

Type specimen: MZB 614: holotype (in two containers), 76°19'N, 18°1'E (Norwegian North Atlantic Expedition 1876–1878 sta. 338); MZL *no number*: 1 microscope slide of holotype, 76°19'N, 18°1'E (Norwegian North Atlantic Expedition 1876–1878 sta. 338)

***hyalina*, *Ragactis* (Le Sueur, 1817) new combination**

Synonymy: *Actinia hyalina* Le Sueur, 1817 [Ref. 128], p. 170 (original description). senior homonym

[*non*] *Actinia hyalina* Delle Chiaje, 1822 [Ref. 1511], p. XVII (original description). junior homonym

Heteractis hyalina [no author]: Milne Edwards, 1857 [Ref. 508], p. 261.

Ragactis hyalina (Le Sueur, 1817): new combination herein.

***hyalinus*, *Aiptasiogeton* (Delle Chiaje, 1822)**

Synonymy: [*non*] *Actinia hyalina* Le Sueur, 1817 [Ref. 128], p. 170 (original description). senior homonym

Actinia hyalina Delle Chiaje, 1822 [Ref. 1511], p. XVII (original description). junior primary homonym

Actinia (*Monostephanus*) *hyalina* Delle Chiaje: Brandt, 1835 [Ref. 65], p. 10.

[*pro parte*] *Aiptasia lacerata* Dal.: Andres, 1883 [Ref. 6170], p. 374–375.

Aiptasiogeton comatus (Andres 1881): Schmidt, 1972 [Ref. 441], p. 26–29.

Aiptasiogeton pellucidus (Hollard): Manuel, 1981 [Ref. 384], p. 128–130.

[*pro parte*] *Haliplanella lineata* Verrill: Ramil Blanco, 1987 [Ref. 22], p. 201–203.

Aiptasiogeton hyalinus (Delle Chiaje, 1825): Ocaña & den Hartog, 2002 [Ref. 4880], p. 44, 49.

hyalonematis, *Stephanactis* McMurrich, 1893

Valid name: *Stephanauge hyalonematis* (McMurrich, 1893)

Described from x1.

Type specimen: USNM 17796: holotype Ecuador, Galápagos Islands, NW of San Cristobal [Chatham] Island (U.S. Fish Commission Steamer *Albatross* 1888 sta. 2807)

***hyalonematis*, *Stephanauge* (McMurrich, 1893)**

Synonymy: *Stephanactis hyalonematis* McMurrich, 1893 [Ref. 386], p. 193–194, 206 (original description).

Amphianthus hyalonematis Mc Murr.: Carlgren, 1925 [Ref. 203], p. 1–6.

Stephanauge hyalonematis (Mc Murrich 1893): Carlgren, 1949 [Ref. 31], p. 100.

***hydrothermala*, *Cyananthea* Doumenc & Van-Praët, 1988**

Type species of *Cyananthea* by monotypy.

Described from x1.

Type specimen: MNHN 316: holotype, Eastern Pacific Ocean (Biocyatherm)

Synonymy: *Cyananthea hydrothermala* Doumenc & Van-Praët, 1988 [Ref. 53], p. 65–67 (original description).

Cyanthea [*sic*] *hydrothermala* Doumenc and Van Praët 1988: Daly & Gusmão, 2007 [Ref. 5726], p. 7.

Cyanththea [*sic*] *hydrothermala* Doumenc and Van Praët 1988: Daly & Gusmão, 2007 [Ref. 5726], p. 8.

***hydrothermala*, *Phelliactis* Sanamyan & Sanamyan, 2007**

Described from x1.

Type specimen: ZMMSU Ec-107: holotype, Pacific Ocean, East Pacific Rise (*Keldish* cruise 22, sta. 2369)
Synonymy: *Phelliactis hydrothermala* Sanamyan & Sanamyan, 2007 [Ref. 5884], p. 83, 84, 94–97, 101 (original description).

***hypnoides*, *Heterodactyla* Saville-Kent, 1893**

Described from unspecified number.

Type specimens: syntypes *not found*: Australia, Queensland, Great Barrier Reef, opposite Cape Flattery

Synonymy: *Heterodactyla hypnoides* Saville-Kent, 1893 [Ref. 440], p. 148–149 (original description).

Thalassianthus hypnoides Saville Kent: Stephenson, 1922 [Ref. 451], p. 296.

***ichikawai*, *Carcinactis* Uchida, 1960**

Type species of *Carcinactis* by original designation.

Described from "several."

Type specimens: HUM *no number*: unspecified number of syntypes, Japan, Oshoro Bay near Otaru; USNM 51426: 4 syntypes, Japan, Oshoro Bay near Otaru

Synonymy: *Carcinactis ichikawai* Uchida, 1960 [Ref. 567], p. 596–600 (original description).

***ichthystoma*, *Sagartia* Gosse, 1858**

Described from unspecified number.

Type specimens: syntypes *not found*: UK, Britain

Synonymy: *Sagartia ichthystoma* Gosse, 1858 [Ref. 96], p. 415 (original description).

Sagartia ichthyostoma [*sic*] [no author]: Dixon, 1888 [Ref. 536], p. 140, 141.

***ignea*, *Actinothoe* (Fischer, 1874)**

Synonymy: *Sagartia ignea* Fischer, 1874 [Ref. 78], p. 219–220, 237, 239 (original description).

Sagartia (Actinothoe) ignea (Fischer): Fischer, 1889 [Ref. 81], p. 282–284.

Aiptasia ignea Fischer: Rizzi, 1907 [Ref. 773], p. 34–37.

Actinothoë ignea (Fischer 1875): Carlgren, 1949 [Ref. 31], p. 102.

ignea, *Sagartia* Fischer, 1874

Valid name: ***Actinothoe ignea* (Fischer, 1874)**

Described from many specimens.

Type specimens: syntypes *not found*: France, Basses-Pyrénées, Guithary

ignota, *Edwardsia* Stuckey, 1909

Valid name: ***Edwardsia neozelanica* Farquhar, 1898**

Described from x1.

Type specimen: holotype *not found*: New Zealand, North Island, Wellington, Island Bay

***ignota*, *Edwardsiella* (Carlgren, 1959)**

Synonymy: *Fagesia ignota* Carlgren, 1959 [Ref. 309], p. 12, 13 (original description).

Edwardsiella ignota [no author]: Manuel, 1981 [Ref. 384], p. 195.

ignota, *Fagesia* Carlgren, 1959

Valid name: ***Edwardsiella ignota* (Carlgren, 1959)**

Described from holotype, x1 paratype.

Type specimens: NRS 2990: holotype, Chile, Golfo de Ancud, SE of Punta Tres Cruces, NE of Punta Piedras (Lund University Chile Expedition 1948–49 sta. M 104); NRS 5552: 1 paratype, Chile, Canal Chacao, N of Punta Soledad (Lund University Chile Expedition 1948–49 sta. M 103)

ignota, *Isactinia* Carlgren, 1950

Valid name: ***Isactinia citrina* (Haddon & Shackleton, 1893)**

Described from x10.

Type specimens: BMNH 1954.6.28.19: 1 syntype, Australia, Queensland, Great Barrier Reef, Low Isles (Great Barrier Reef Expedition 1928–29); BMNH 1954.6.28.20: 4 syntypes, Australia, Queensland, Great

Barrier Reef, Low Isles (Great Barrier Reef Expedition 1928–29); BMNH 1954.6.28.21: 1 syntype, Australia, Queensland, Great Barrier Reef, Low Isles (Great Barrier Reef Expedition 1928–29); BMNH 1954.6.28.22: 6 syntypes, Australia, Queensland, Great Barrier Reef, Low Isles (Great Barrier Reef Expedition 1928–29); MZL 305: 1 syntype, Australia, Queensland, Great Barrier Reef, Low Isles (Great Barrier Reef Expedition 1928–29)

***ignota, Isoedwardsia* Carlgren, 1920**

Described from x3.

Type specimens: NHMG Anthoz. 853: 2 syntypes, Easter Island, Hanga Piko; NRS 4043: 1 syntype, Easter Island, Hanga Piko

Synonymy: *Isoedwardsia ignota* Carlgren, 1920 [Ref. 206], p. 149–151 (original description).

ignota, Paractis McMurrich, 1904

Valid name: ***Paranthus ignotus* (McMurrich, 1904)**

Described from x2.

Type specimens: syntypes *not found*: Chile, Iquique (Plate Expedition)

***ignotus, Paranthus* (McMurrich, 1904)**

Synonymy: *Paractis ignota* McMurrich, 1904 [Ref. 391], p. 242–243 (original description).

Parantheoides ignota McMurrich, 1904: Stephenson, 1920 [Ref. 449], p. 555.

Paranthus ignotus (McMurrich 1904): Carlgren, 1949 [Ref. 31], p. 83.

***ilkalyseae, Bellactis* Dube, 1983**

Type species of *Bellactis* by original designation.

Described from x65.

Type specimen: UFB B1: holotype, Brazil, Bahia, Salvador Bahia

Synonymy: *Bellactis ilkalyseae* Dube, 1974 [Ref. 1477], p. 21, 59–63, 66–67. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 8.

Bellactis ilkalyseae Dube, 1983 [Ref. 1327] (original description)

Bellactis ilkalyseae [*sic*] [no author]: Gasparini, Floeter, Ferreira, & Sazima, 2005 [Ref. 5754], p. 2896.

impatiens, Actinia Couthouy *in* Dana, 1846

Type species of *Paractis* by monotypy. Type species of *Choriactis* by subsequent designation (Stephenson, 1920) [Ref. 449].

Valid name: ***Paractis impatiens* (Couthouy *in* Dana, 1846)**

Described from unspecified number.

Type specimens: syntypes *not found*: South America, Tierra del Fuego, Orange Harbor (United States Exploring Expedition ["Wilkes Expedition"])

***impatiens, Paractis* (Couthouy *in* Dana, 1846)**

Synonymy: *Actinia impatiens* Couthouy *in* Dana, 1846 [Ref. 318], p. 135–136 (original description).

Paractis impatiens [no author]: Milne Edwards & Haime, 1851 [Ref. 162], p. 8.

Sagartia impatiens (Dana): Gosse, 1860 [Ref. 356], p. 38.

Cylista impatiens Dana: Andres, 1883 [Ref. 6170], p. 390.

Choriactis impatiens (Couthouy): McMurrich, 1904 [Ref. 391], p. 272–274.

impedita, Stephanactis Gravier, 1918

Valid name: ***Stephanauge impedita* (Gravier, 1918)**

Described from x5 *ex* two localities.

Type specimens: MOM 13 0093: 2 syntypes, 32°28'N, 16°37'30"W (Prince Albert I of Monaco Campagne de 1905: *Princesse-Alice* et l'*Hirondelle* sta. 2044); MOM 13 0081: 3 syntypes, Atlantic Ocean, Azores, near Santa Maria (Prince Albert I of Monaco Campagne de 1911: *Princesse-Alice* et l'*Hirondelle* sta. 3137)

***impedita, Stephanauge* (Gravier, 1918) new combination**

Synonymy: *Stephanactis impedita* Gravier, 1918 [Ref. 101], p. 16–17 (original description).

Amphianthus impeditus (Gravier 1918): Carlgren, 1949 [Ref. 31], p. 99.

Stephanauge impedita (Gravier, 1918): new combination herein

***imperfecta, Parabunodactis* Zamponi & Acuña, 1992**

Described from x1.

Type specimen: MLP 8512: holotype, Argentina, Chubut Province, Puerto Madryn

Synonymy: *Parabunodactis imperfecta* Zamponi & Acuña, 1992 [Ref. 277], p. 46–48 (original description).

***incerta, Anthopleura* England, 1992**

Described from x1.

Type specimen: BMNH 1992.7.9.7: holotype, China, Hong Kong, New Territories, Tolo Harbour

Synonymy: *Anthopleura incerta* England, 1992 [Ref. 73], p. 49, 59–63 (original description).

***incerta, Edwardsia* Carlgren, 1921**

Described from x1.

Type specimen: NRS 4880: holotype, Greenland, East Greenland (Swedish Greenland Expedition 1899); MZL *no number*: 1 microscope slide of holotype, Greenland, East Greenland (Swedish Greenland Expedition 1899)

Synonymy: *Edwardsia incerta* Carlgren, 1921 [Ref. 196], p. 48 (original description). *nomen dubium* according to Williams, 1981 [Ref. 491], 349.

***incerta, Entactmaea* (McMurrich, 1904) new combination**

Synonymy: *Gyrostoma incertum* McMurrich, 1904 [Ref. 391], p. 230–232 (original description).

Entactmaea incerta (McMurrich, 1904): new combination herein.

***incerta, Epiactis* Carlgren, 1921**

Described from x1.

Type specimen: NRS 4340: holotype, Russia, Siberia, Arctic Sea, 20' east off Cape Jakan (*Vega* Expedition)

Synonymy: *Epiactis incerta* Carlgren, 1921 [Ref. 196], p. 181–183 (original description).

***incerta, Phelliactis* Carlgren, 1934**

Described from x1.

Type specimen: MZB 39198: holotype, 35°32'N, 7°7'W (Michael Sars North Atlantic Deep-Sea Expedition 1910 sta. 23)

Synonymy: *Phelliactis incerta* Carlgren, 1934 [Ref. 290], p. 15–16 (original description).

***incerta, Stauractis* Andres, 1883**

Valid name: ***Lebrunia neglecta* Duchassaing & Michelotti, 1860**

Type specimens of a *nomen novum* are those of the species whose name is replaced (International Code of Zoological Nomenclature Article 72.7).

Comment: Labeled n. n. (*nomen novum*) for *Actinodactylus neglectus*: Andres (1883: 471) changed species name because it had been used (“Il vocabolo neglectus non si può conservare perchè già usato da Leidy 1855”). Not a replacement name in sense of International Code of Zoological Nomenclature Article 60. An unnecessary substitute name available nonetheless (International Code of Zoological Nomenclature Article 10.6).

***incertum, Gyrostoma* McMurrich, 1904**

Valid name: ***Entactmaea incerta* (McMurrich, 1904) new combination**

Described from x8 ex three localities.

Type specimens: MNB 4349: 4 syntypes, Chile, near Talcahuano, Tumbes (Plate Expedition); 1 syntype *not found*: Chile, Talcahuano, Puerto Montt (Plate Expedition); 1 syntype *not found*: Chile, Talcahuano (Plate Expedition)

***incertus, Tealianthus* Carlgren, 1927**

Type species of ***Tealianthus*** by monotypy.

Valid name: ***Tealanthus pachydermus* (Pax, 1922)**

Described from x1 on *Cominella*.

Type specimen: holotype *not found*: Antarctica, South Shetland Islands, King George's Island

***inconspicua*, *Anthopleura* (Hutton, 1879)**

Synonymy: *Phymactis inconspicua* Hutton, 1879 [Ref. 117], p. 313–314 (original description).

Bunodes inconspicua (Hutton): Stuckey & Walton, 1910 [Ref. 245], p. 541.

Bunodactis inconspicua (Hutton, 1878): Blackburn, 1937 [Ref. 795], p. 370.

Anthopleura inconspicua (Hutton 1878): Carlgren, 1949 [Ref. 31], p. 54.

inconspicua, *Phymactis* Hutton, 1879

Valid name: ***Anthopleura inconspicua* (Hutton, 1879)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: New Zealand, South Island, near Dunedin

***incubans*, *Aulactinia* Dunn, Chia, & Levine, 1980**

Described from >10.

Type specimens: CAS 015670: ½ of holotype (female) and 3 microscope slides of other half, USA, Washington, San Juan Islands, San Juan Island, west side of Cattle Point, American Camp, Grandmother's Cove; CAS 015672: ½ of paratype (female), USA, Washington, San Juan Islands, San Juan Island, west side of Cattle Point, False Bay; CAS 015673: 1 paratype, USA, Washington, San Juan Islands, San Juan Island, west side of Cattle Point, "Log cave"; CAS 015671: ½ of paratype (hermaphrodite), USA, Washington, San Juan Islands, San Juan Island, west side of Cattle Point, American Camp, Grandmother's Cove; CMN CMNI 1980-141: ½ of paratype (female, bearing suffix *a*) and 4 microscope slides of it (bearing suffixes *b*, *c*, *d*, *e*), USA, Washington, San Juan Islands, San Juan Island, west side of Cattle Point, American Camp, Grandmother's Cove; USNM 59290: ½ of paratype (hermaphrodite) and 3 microscope slides of other half, USA, Washington, San Juan Islands, San Juan Island, west side of Cattle Point, American Camp, Grandmother's Cove; USNM 59289: 1 paratype, USA, Washington, San Juan Islands, San Juan Island, west side of Cattle Point, "Log cave"

Two lots cataloged as type specimens cannot be because not listed in description:

CMN CMNI 1990-0036: 2 paratypes, USA, Washington, San Juan Islands, San Juan Island, west side of Cattle Point, American Camp, Grandmother's Cove; CMN CMNI 1990-0037: 2 paratypes, USA, Washington, San Juan Islands, San Juan Island, west side of Cattle Point, American Camp, Grandmother's Cove

Synonymy: *Aulactinia incubans* Dunn, Chia, & Levine, 1980 [Ref. 339], p. 2072–2079 (original description).

incubans, *Chitonanthus* Gravier, 1918

Valid names used: ***Hormathia digitata* (Müller, 1776); *Hormathia incubans* (Gravier, 1918)**

Described from x7.

Type specimens: MOM 13 0049: 7 syntypes, 59°3'N, 1°47'45"W, Prince Albert I of Monaco Campagne de 1898:

Princesse-Alice et l'*Hirondelle* sta. 1043

***incubans*, *Hormathia* (Gravier, 1918)**

Synonymy: *Chitonanthus incubans* Gravier, 1918 [Ref. 101], p. 12 (original description).

Chitonanthus incubaus [*sic*] [no author]: Gravier, 1918 [Ref. 101], p. 11–12.

Hormathia incubans (Gravier 1918): Carlgren, 1949 [Ref. 31], p. 93.

***indica*, *Anemonia* Parulekar, 1968**

Synonymy: *Anemonia indicus* Parulekar, 1968 [Ref. 185], p. 524–526 (original description).

Anemonia indica Parulekar, 1968: correct spelling original herein.

***indica*, *Capnea* (Verrill, 1869) new combination**

Synonymy: *Stephanactis Indica* Verrill, 1869 [Ref. 461] (1870), p. 72–73 [38–39] (original description).

Aureliana [*sic*] *indica* (Verrill 1869): Carlgren, 1949 [Ref. 31], p. 71.

Capnea indica (Verrill, 1869): new combination herein.

indica, *Stephanactis* Verrill, 1869

Type species of *Stephanactis* Verrill by monotypy.

Valid name: ***Capnea indica* (Verrill, 1869)** new combination

Described from x1.

Type specimen: holotype *not found*: Indonesia, Selio Island, Gaspar Straits

indicus, *Anemonia* Parulekar, 1968

Valid name: ***Anemonia indica* Parulekar, 1968** for gender agreement

Described from holotype, x15 paratypes.

Type specimens: ZSI P. 1835/1: holotype, India, Maharashtra, Ratnagiri District, Malvan; 12 or fewer paratypes *not found*: India, Maharashtra, Bombay [Mumbai]; 12 or fewer paratypes *not found*: India, Maharashtra, Ratnagiri; 12 or fewer paratypes *not found*: India, Maharashtra, Vengurla; 12 or fewer paratypes *not found*: India, Maharashtra, Redi

indicus, *Paracondylactis* Dave in Parulekar, 1968

Valid name: ***Paracondylactis sinensis* Carlgren, 1934**

Authorship attributed by Parulekar (1968) to Dave (1957), which is a master's thesis.

Described from unspecified number.

Type specimens: syntypes *not found*: India, Maharashtra, Bombay: Secretariat Foreshore, Cuffe Parade, Chaupatty

indicus, *Phyllodiscus* Stephenson, 1921

Valid name: ***Triactis producta* Klunzinger, 1877**

Name made available in Stephenson (1921) under International Code of Zoological Nomenclature Article 12.2.7.

Described from unspecified number (inferred x1).

Type specimen: holotype *not found*: Indian Ocean, Maldives

***indosinensis*, *Sagartianthus* Carlgren, 1943**

Type species of *Sagartianthus* by monotypy.

Described from x2 *ex* two localities.

Type specimens: NRS 3979: 2 syntypes, Cambodia, Réam; 1 syntype *not found*: Vietnam, Cochinchina, Poulo Condore

Synonymy: *Sagartianthus indosinensis* Carlgren, 1943 [Ref. 305], p. 40–41 (original description).

indutus, *Chitonanthus* Gravier, 1918

Valid name: ***Hormathia indutus* (Gravier, 1918)** new combination

Described from x11 *ex* six localities.

Type specimens: MOM 13 0028: 1 syntype, 38°37'45"N, 28°14'20"W (Prince Albert I of Monaco Campagne de 1897: *Princesse-Alice* et l'*Hirondelle* sta. 873); MOM 13 0095: 1 syntype, Atlantic Ocean, Azores, near São Miguel (Prince Albert I of Monaco Campagne de 1911: *Princesse-Alice* et l'*Hirondelle* sta. 3140); MOM 13 0099: 1 syntype, 38°47'N, 30°16'W (Prince Albert I of Monaco Campagne de 1912: *Princesse-Alice* et l'*Hirondelle* sta. 3293); MOM 13 0008: 2 syntypes, 37°42'40"N, 25°05'15"W (Prince Albert I of Monaco Campagne de 1895: *Princesse-Alice* et l'*Hirondelle* sta. 553); MOM 13 0071: 5 syntypes, Atlantic Ocean, Azores, north of São Jorge (Prince Albert I of Monaco Campagne de 1902: *Princesse-Alice* et l'*Hirondelle* sta. 1344); MOM 13 0024: 1 syntype, North Atlantic Ocean, (Prince Albert I of Monaco Campagne de 1896: *Princesse-Alice* et l'*Hirondelle* sta. 753)

***indutus*, *Hormathia* (Gravier, 1918)** new combination

Synonymy: *Chitonanthus indutus* Gravier, 1918 [Ref. 101], p. 12–13 (original description).

Hormathia indutus (Gravier, 1918): new combination herein.

inequalis, *Anemonia* McMurrich, 1893

Valid name: ***Entacmaea inequalis* (McMurrich, 1893)** new combination

Described from x2 ("No. 742").

Type specimens: USNM 17813: 2 syntypes, Mexico, Baja California Sur, Gulf of California, Pichilingue Bay

***inequale, Entacmaea (McMurrich, 1893)* new combination**

Synonymy: *Anemonia inequalis* McMurrich, 1893 [Ref. 386], p. 149–150, 206 (original description).

Gyrostoma inaequalis (McMurrich, 1893): McMurrich, 1904 [Ref. 391], p. 227.

Gyrostoma inequale Mc Murr.: Pax, 1907 [Ref. 402], p. 46, 50–51.

Entacmaea inequalis (McMurrich, 1893): new combination herein.

inequalis, Paraphellia Verrill, 1868

Type species of *Paraphellia* Verrill by monotypy.

Valid names used: ***Telmatactis clavata* (Stimpson, 1856); *Telmatactis inequalis* (Verrill, 1868)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: Japan, Ogasawara Islands [Bonin Islands] Islands, Port Lloyd

***inequalis, Telmatactis* (Verrill, 1868)**

Synonymy: *Paraphellia inequalis* Verrill, 1868 [Ref. 460], p. 325–326 [11–12] (original description).

Telmatactis inequalis (Verrill 1868): Carlgren, 1949 [Ref. 31], p. 90.

infecunda, Actinia McMurrich, 1893

Valid name: ***Pseudactinia infecunda* (McMurrich, 1893)**

Described from x2 ("No. 957, 1739").

Type specimen: USNM 17816: 1 syntype, Brazil, Bahia, Abrolhos Islands [Arquipélago dos Abrolhos], U.S. Fish Commission Steamer *Albatross* 1887–1888

Comment: McMurrich (1893) created this name for *Comactis flagellifera* as used by Hertwig (not Dana), having concluded Hertwig erred in ascribing the animals he examined to the species of Drayton *in* Dana, 1846. Thus the name *Pseudactinia flagellifera* has been used in senses of both Hertwig and Dana.

***infecunda, Pseudactinia* (McMurrich, 1893)**

Synonymy: [*non*] *Actinia flagellifera* Drayton *in* Dana, 1846 [Ref. 318], p. 126–128 (original description).

Comactis flagellifera M. Edwards: Hertwig, 1882 [Ref. 379], p. 28–29, 116.

Anemonia flagellifera Hertwig, 1888 [Ref. 382], p. 5.

Actinia infecunda McMurrich, 1893 [Ref. 386], p. 146–147, 153, 206 (original description).

Anemonia thelcteria Pax, 1907 [Ref. 402], p. 61, 69–71 (original description).

Anemonia infecunda (Mc Murr.): Pax, 1908 [Ref. 403], p. 489–490 [287–288], 497 [295], 500 [298].

Actinia anachoreta Pax, 1922 [Ref. 413], p. 76–77 (original description).

Actinia psapharoderma Pax, 1922 [Ref. 413], p. 76–77 (original description).

Actinia suspecta Pax, 1922 [Ref. 413], p. 77–78 (original description).

Pseudactinia flagellifera (R. Hertw.): Carlgren, 1928 [Ref. 198], p. 153–157 [31–35].

Pseudactinia plettenbergensis Carlgren, 1928 [Ref. 198], p. 157–160 [35–38] (original description).

Pseudactinia infecunda (Mc Murrich 1893): Carlgren, 1949 [Ref. 31], p. 52.

Pseudactinia flagellaria [*sic*] [no author]: Mathew, 1979 [Ref. 1008], p. 99.

Comment: In proposing name *Actinia infecunda* for one small specimen Hertwig identified as *Comactis flagellifera*, McMurrich (1893) termed it a *nomen novum* but was naming only that specimen, not the entire species.

inflexibilis, Bunodactis Carlgren, 1928

Type species of *Parabunodactis* by monotypy.

Valid name: ***Parabunodactis inflexibilis* (Carlgren, 1928)**

Described from x14 (including 3 young).

Type specimens: NRS 3995: 2 syntypes, India, southwest of Great Nikobar (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 208)

***inflexibilis, Parabunodactis* (Carlgren, 1928)**

Synonymy: *Bunodactis inflexibilis* Carlgren, 1928 [Ref. 198], p. 40–42 [162–164] (original description).

Parabunodactis inflexibilis Carlgr.: Carlgren, 1945 [Ref. 282], p. 12.

***infundibulum, Eltaninactis* Dunn, 1983**

Type species of *Eltaninactis* by original designation.

Described from ~30.

Type specimens: USNM 60191: holotype, Subantarctic, *Eltanin* Cruise 6 sta. 413; CAS 005997: 10 paratypes, Subantarctic, *Eltanin* Cruise 6 sta. 413; CAS 009750: 1 paratype, 61°44'S–61°46'S, 55°56'W–55°54'W, *Eltanin* Cruise 12 sta. 997; USNM 60193: 1 paratype, 62°4'S–62°6'S, 56°52'W–56°W, *Eltanin* Cruise 6 sta. 411; USNM 60192: 18 paratypes, Subantarctic, *Eltanin* Cruise 6 sta. 413

Synonymy: *Eltaninactis infundibulum* Dunn, 1983 [Ref. 344], p. 1, 56–60 (original description).

***ingolfi, Amphianthus* Carlgren, 1942**

Described from x2.

Type specimens: UCMNH *no number*: 2 syntypes, North Atlantic Ocean (Danish Ingolf Expedition sta. 78); MZL *no number*: 4 microscope slides of syntype, North Atlantic Ocean (Danish Ingolf Expedition sta. 78)

Synonymy: *Amphianthus ingolfi* Carlgren, 1942 [Ref. 197], p. 57 (original description).

***ingolfi, Anthosactis* Carlgren, 1921**

Described from x2.

Type specimens: MZL 337: 1 syntype, Norwegian Sea (Danish Ingolf Expedition sta. 125); UCMNH *no number*: 1 syntype, Norwegian Sea (Danish Ingolf Expedition sta. 125); MZL *no number*: 8 microscope slides of syntype, Norwegian Sea (Danish Ingolf Expedition sta. 125)

Synonymy: *Anthosactis ingolfi* Carlgren, 1921 [Ref. 196], p. 194–196 (original description).

***ingolfi, Isoedwardsia* Carlgren, 1921**

Type species of *Isoedwardsia* by original designation.

Described from x2.

Type specimens: UCMNH *no number*: container for syntypes(s) empty February 2002, North Atlantic Ocean (Danish Ingolf Expedition sta. 78)

Synonymy: *Isoedwardsia ingolfi* Carlgren, 1921 [Ref. 196], p. 56–58 (original description).

Scolanthus ingolfi (Cargren, 1921): England, 1987 [Ref. 63], p. 232.

***ingolfi, Parascyonis* Carlgren, 1942**

Described from x1.

Type specimen: UCMNH *no number*: holotype, Iceland, east of Iceland (Danish Ingolf Expedition sta. 105)

Synonymy: *Parascyonis ingolfi* Carlgren, 1942 [Ref. 197], p. 67–69 (original description).

Paractinostola [sic - lapsus corrected by Eash-Loucks & Fautin, 2011] ingolfi [no author]: Fautin & Barber, 1999 [Ref. 780], p. 630.

***ingolfi, Sagartiogeton* Carlgren, 1928**

Described from unspecified number, but many.

Type specimens: UCMNH *no number*: 6 syntypes, Greenland, Denmark Strait (Danish Ingolf Expedition sta. 92)

Synonymy: *Sagartiogeton ingolfi* Carlgren, 1928 [Ref. 201], p. 256, 257, 259, 301–302 (original description).

***ingolfi, Sicyonis* Carlgren, 1921**

Described from x1.

Type specimen: UCMNH *no number*: holotype, Greenland, south of Greenland (Danish Ingolf Expedition sta. 20)

Synonymy: *Sicyonis ingolfi* Carlgren, 1921 [Ref. 196], p. 217–218 (original description).

***inornata, Actinia* Stimpson, 1856**

Valid name: *Aulactinia inornata* (Stimpson, 1856) new combination

Described from unspecified number.

Type specimens: syntypes *not found*: China

***inornata, Aulactinia* (Stimpson, 1856) new combination**

Synonymy: *Actinia inornata* Stimpson, 1856 [Ref. 239], p. 376 (original description).

Bunodes inornata Verrill: Verrill, 1869 [Ref. 461] (1870), p. 61 [27].

Bunodactis inornata (Ver.): Verrill, 1899 [Ref. 470], p. 42.

Aulactinia inornata (Stimpson, 1856): new combination herein.

***inornata, Phellia* Verrill, 1869**

Described from unspecified number.

Type specimens: syntypes *not found*: Panama, Golfo de Panama [Gulf of Panama, Bay of Panama], Archipiélago Las Perlas [Pearl Islands]; syntypes *not found*: Panama

Synonymy: *Phellia inornata* Verrill, 1869 [Ref. 458], p. 489 (original description).

***inornata, Stephanactis* Gravier, 1918**

Valid name: ***Stephanauge inornata* (Gravier, 1918)**

Described from x7.

Type specimens: MOM 13 0060: 6 syntypes, Morocco, Atlantic Ocean, 50 miles from Mogador (Essaouira) (Prince Albert I of Monaco Campagne de 1901: *Princesse-Alice* et l'*Hirondelle* sta. 1116)

***inornata, Stephanauge* (Gravier, 1918)**

Synonymy: *Stephanactis inornata* Gravier, 1918 [Ref. 101], p. 17–18 (original description).

Amphianthus inornata (Gravier 1918): Carlgren, 1949 [Ref. 31], p. 99.

Stephanauge inornata Gravier, 1918: Doumenc, 1975 [Ref. 48], p. 199.

***insessa, Anemonia* Gravier, 1918**

Described from x10.

Type specimens: MOM 13 0026: ~9 syntypes, 33°2'N, 16°19'45"W, Prince Albert I of Monaco Campagne de 1897: *Princesse-Alice* et l'*Hirondelle* sta. 801; MOM 13 0026A: 12 syntypes, 33°2'N, 16°19'45"W, Prince Albert I of Monaco Campagne de 1897: *Princesse-Alice* et l'*Hirondelle* sta. 801

Synonymy: *Anemonia insessa* Gravier, 1918 [Ref. 101], p. 3–4 (original description).

Gyrostoma insessa Gravier: Stephenson, 1922 [Ref. 451], p. 268.

***insignis, Aiptasia* Carlgren, 1941**

Described from "several specimens".

Type specimens: NRS 4510: 3 syntypes, Atlantic Ocean, Saint Helena, Jamestown; UCMNH *no number*: ~25 syntypes, Atlantic Ocean, Saint Helena, Jamestown

Synonymy: *Aiptasia insignis* Carlgren, 1941 [Ref. 299], p. 9–10 (original description).

***insignis, Andvakia* Carlgren, 1951**

Described from x2.

Type specimens: USNM 49442: 2 syntypes, Mexico, Baja California Sur, Gulf of California, Espíritu Santo Island, Gabriel Bay

Synonymy: *Andwakia insignis* Carlgren, 1949 [Ref. 31], p. 39. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 13.1.1.

Andvakia insignis Carlgren, 1951 [Ref. 304], p. 416–418 (original description).

***insignis, Anthopleura* Carlgren, 1940**

Described from x3.

Type specimens: NRS 3988: holotype, South Africa, Cape Province, Eastern Cape, Port St. Johns; NRS 3989: 2 paratypes, South Africa, Cape Province, Kleinmond

Synonymy: *Anthopleura insignis* Carlgren, 1940 [Ref. 298], p. 3–5 (original description).

***insignis, Heteranthus* Carlgren, 1943**

Described from x1.

Type specimen: NRS 4076: holotype, Vietnam, Cochinchina, Poulo Condore

Synonymy: *Heteranthus insignis* Carlgren, 1943 [Ref. 305], p. 30–32 (original description).

***insignis, Hormathia* (Stephenson, 1918)**

Synonymy: *Leptoteichus insignis* Stephenson, 1918 [Ref. 448], p. 57–61 (original description).

Hormathia insignis (Stephenson 1918): Carlgren, 1949 [Ref. 31], p. 93.

insignis, Leptoteichus Stephenson, 1918

Type species of *Leptoteichus* by original designation.

Valid name: ***Hormathia insignis* (Stephenson, 1918)**

Described from x1.

Type specimen: BMNH 1918.5.12.25: holotype, Antarctica, entrance to McMurdo Sound (*Terra Nova* Expedition 1910 sta. 338); BMNH 1918.8.16.14: 14 microscope slides of holotype, Antarctica, entrance to McMurdo Sound (*Terra Nova* Expedition 1910 sta. 338)

***insignis, Telmatactis* Carlgren, 1950**

Described from x1.

Type specimen: BMNH 1954.6.28.12: holotype, Australia, Queensland, Great Barrier Reef, Low Isles (Great Barrier Reef Expedition 1928–29)

Synonymy: *Telmatactis insignis* Carlgren, 1949 [Ref. 31], p. 91. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 13.1.1.

Telmatactis insignis Carlgren, 1950 [Ref. 311], p. 427, 459–450 (original description).

intermedia, Actinostola Carlgren, 1899

Valid names used: ***Actinostola chilensis* McMurrich, 1904; *Actinostola crassicornis* (Hertwig, 1882)**

Described from x1.

Type specimen: NRS 1184: holotype, South America, Straits of Magellan, Cape St. Vincent

intermedia, Edwardsia McMurrich, 1893

Valid name: ***Scolanthus intermedius* (McMurrich, 1893)**

Described from x1.

Type specimen: holotype *not found*: Chile, west mouth of Straits of Magellan, Reina Adelaida Archipelago, U.S. Fish Commission Steamer *Albatross* 1888 sta. 2783

intermedia, Stoichactis Lager, 1911

Valid name: ***Stichodactyla gigantea* (Forsskål, 1775)**

Described from x2.

Type specimens: MNB 5442: 2 syntypes, Australia, Western Australia, northwest Australia; ZMH C5344: 1 syntype, Australia, Western Australia, northwest Australia

***intermedius, Scolanthus* (McMurrich, 1893)**

Synonymy: *Edwardsia intermedia* McMurrich, 1893 [Ref. 386], p. 136–137, 206 (original description). *nomen dubium* according to Williams, 1981 [Ref. 491], p. 325, 329, 229, 243–245, 347, 349.

Edwardsiella intermedia (Mc. Murr.): Carlgren, 1899 [Ref. 148], p. 6.

Scolanthus intermedius McMurrich, 1893: Daly, 2002 [Ref. 1716], p. 215–221, 223.

***intestinalis, Acthelmis* (Fabricius, 1780)**

Synonymy: *Actinia intestinalis* Fabricius, 1780 [Ref. 638], p. 350–351 (original description).

Actinia truncata [no author]: Gmelin, 1796 [Ref. 91], p. 3133.

Actinocereus intestinalis [no author]: de Blainville, 1830 [Ref. 94], p. 294.

Uncertain genus *Intestinalis* (Fabric.): Gosse, 1860 [Ref. 356], p. 354. *incertae sedis*

Actinia intestinalis [no author]: Andres, 1883 [Ref. 6170], p. 588. *species delendae*

Acthelmis intestinalis (Fabr.) Lütken: Carlgren, 1921 [Ref. 196], p. 92–94.

Actinia intestinalis, Fleming: Stephenson, 1935 [Ref. 505], p. 393 (of uncertain status).

intestinalis, *Actinia* Fabricius, 1780

Type species of *Acthelmis* by monotypy.

Valid name: *Acthelmis intestinalis* (Fabricius, 1780)

Described from unspecified number.

Type specimens: syntypes *not found*: Greenland

inula, *Aiptasia* (Duchassaing & Michelotti, 1864)

Synonymy: *Bartholomea Inula* Duchassaing & Michelotti, 1864 [Ref. 322], p. 39 (original description).

Bartholomea inula [no author]: Duchassaing & Michelotti, 1866 [Ref. 1804], p. 133.

Aiptasia inula D. & Mich.: Andres, 1883 [Ref. 6170], p. 386.

inula, *Bartholomea* Duchassaing & Michelotti, 1864

Valid name: *Aiptasia inula* (Duchassaing & Michelotti, 1864)

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, Virgin Islands, St. Thomas

involvens, *Adamsia* McMurrich, 1893

Described from x12.

Type specimens: USNM 17793: 12 (plus?) syntypes, Ecuador, Galera Point, U.S. Fish Commission Steamer *Albatross* 1888 sta. 2793; NRS 4264: 2 syntypes, Ecuador, Galera Point, U.S. Fish Commission Steamer *Albatross* 1888 sta. 2793; MZL *no number*: 1 microscope slide of syntype, Ecuador, Galera Point, U.S. Fish Commission Steamer *Albatross* 1888 sta. 2793

Synonymy: *Adamsia involvens* McMurrich, 1893 [Ref. 386], p. 182–183, 206–207 (original description).

Paracalliactis involvens (Mc Murrich 1893): Carlgren, 1949 [Ref. 31], p. 95.

iris, *Actinia* Müller, 1789

Described from unspecified number.

Type specimens: syntypes *not found*: Norway and Denmark

Synonymy: *Actinia iris* Müller, 1789 [Ref. 170], p. 3 (original description).

Actinia Iris [no author]: Gmelin, 1796 [Ref. 91], p. 3135.

Actinia iris [no author]: Andres, 1883 [Ref. 6170], p. 589–590. *species delendae*

irregularis, *Epiactis* Carlgren, 1951

Described from x1.

Type specimen: USNM 49446: holotype, Mexico, Baja California Sur, Gulf of California, east of La Paz

Synonymy: *Epiactis irregularis* Carlgren, 1949 [Ref. 31], p. 58. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 13.1.1.

Epiactis irregularis Carlgren, 1951 [Ref. 304], p. 422–423 (original description).

isabellae, *Andvakia* Carlgren & Hedgpeth, 1952

Described from holotype, x1 paratype.

Type specimens: USNM 49982: holotype, USA, Texas, Gulf of Mexico, off Port Isabel; USNM 49981: 1 paratype, USA, Texas, Gulf of Mexico, off Port Aransas; MZL *no number*: 2 microscope slides of holotype, USA, Texas, Gulf of Mexico, off Port Isabel

Synonymy: *Andvakia isabellae* Carlgren & Hedgpeth, 1952 [Ref. 307], p. 145, 148–149 (original description).

Andvakia isabellae Carlgren & Hedgpeth, 1952: Daly & Goodwill, 2009 [Ref. 6025], p. 265, 271.

isimangaliso, *Edwardsia* Daly, Perissinotto, Laird, Dyer, & Todaro, 2012

Described from holotype, x29 paratypes.

Type specimens: SAM H5134: holotype, South Africa, Kwazulu-Natal, St Lucia Estuary, Charters Creek; SAM H5136: 2 paratypes, South Africa, Kwazulu-Natal, St Lucia Estuary, Charters Creek; SAM H5135: 3 paratypes, South Africa, Kwazulu-Natal, St Lucia Estuary, Charters Creek; SAM H5137: 14

paratypes, South Africa, Kwazulu-Natal, St Lucia Estuary, Charters Creek; SAM H5138: 10 paratypes, South Africa, Kwazulu-Natal, St Lucia Estuary, Charters Creek

Synonymy: *Edwardsia isimangalis* Daly, Perissinotto, Laird, Dyer, & Todaro, 2012 [Ref. 6197], p. 233–244 (original description).

***islandica*, *Edwardsia* Carlgren, 1921**

Described from x1.

Type specimen: MZL *no number*: 6 microscope slides of holotype, Iceland, south of Iceland (Thor Expedition)

Synonymy: *Edwardsia islandica* Carlgren, 1921 [Ref. 196], p. 47–48 (original description).

Edwardsioides islandica Carlgren, 1921: England, 1987 [Ref. 63], p. 218.

***islandicus*, *Amphianthus* Carlgren, 1942**

Described from x2.

Type specimens: UCMNH *no number*: 2 syntypes, North Atlantic Ocean, south of Iceland (Thor Expedition 1903 sta. 171); MZL *no number*: 4 microscope slides of syntype, North Atlantic Ocean, south of Iceland (Thor Expedition 1903 sta. 171)

Synonymy: *Amphianthus islandicus* Carlgren, 1942 [Ref. 197], p. 56 (original description).

***ivelli*, *Edwardsia* Manuel, 1975**

Described from holotype, x2 paratypes.

Type specimens: OUM 12028: holotype, UK, England, Sussex, Widewater lagoon; OUM 12029: 2 paratypes, UK, England, Sussex, Widewater lagoon

Synonymy: *Edwardsia ivelli* Manuel, 1975 [Ref. 135], p. 705–710 (original description).

***janmayeni*, *Anthosactis* Danielssen, 1890**

Type species of *Anthosactis* by monotypy.

Described from x2.

Type specimens: MZB 8226: 1 syntype, North Atlantic Ocean, near Jan Mayen (Norwegian North Atlantic Expedition 1876–1878 sta. 226); MZL *no number*: 8 microscope slides of syntype, North Atlantic Ocean, near Jan Mayen (Norwegian North Atlantic Expedition 1876–1878 sta. 226)

Synonymy: *Anthosactis Jan Mayeni* Danielssen, 1890 [Ref. 321], p. 24–27 (original description).

Anthosactis jan mayeni Dan.: Carlgren, 1916 [Ref. 685], p. 3.

Anthosactis janmayeni (Danielssen, 1890): Grebelny, 1980 [Ref. 361], p. 20, 24.

Anthosactis janmajeni [sic] Danielssen, 1890: Grebelny, 1986 [Ref. 6024], p. 90.

***janthina*, *Edwardsia* Andres, 1881**

Valid names used: *Edwardsia claparedii* (Panceri, 1869); *Edwardsiella janthina* (Andres, 1881); *Scolanthus callimorphus* Gosse, 1853

Described from x1.

Type specimen: holotype *not found*: Italy, Naples, Forii

***janthina*, *Edwardsiella* (Andres, 1881)**

Synonymy: *Edwardsia janthina* Andres, 1881 [Ref. 4], p. 334, 339 (original description).

Fagesia janthina Andres, 1881: Williams, 1981 [Ref. 491], p. 325, 350.

Edwardsiella janthina (Andres, 1881): Daly, 2002 [Ref. 1748], p. 874.

***japonica*, *Anthopleura* Verrill, 1899**

Described from x1.

Type specimen: YPM 6853: holotype, Japan, Honshu, Izu Peninsula, Shimoda [Simoda] (North Pacific Exploring Expedition)

Synonymy: [*non*] *Bunodes Japonica* Verrill, 1869 [Ref. 461] (1870), p. 62 [28] (original description).

Anthopleura japonica Verrill, 1899 [Ref. 472], p. 218 (original description).

Anthopleura mcmurricchi Wassilieff, 1908 [Ref. 478], p. 19–20 (original description).

Gyractis japonica (Verrill, 1899): England, 1992 [Ref. 73], p. 49, 68–72.

japonica, *Aureliana* [sic] Carlgren, 1940

Valid name: ***Capnea japonica* (Carlgren, 1940)**

Described from x2.

Type specimens: EUU 101: 2 syntypes, Japan, Honshu, Sagami Bay, Kanagawa-ken, Misaki

japonica, *Bunodes* Verrill, 1869

Valid names used: ***Epiactis japonica* (Verrill, 1869); *Epiactis prolifera* Verrill, 1869**

Described from unspecified number.

Type specimens: syntypes *not found*: Japan, Hokkaido [Jesso], Hakodadi Bay

***japonica*, *Calliactis* Carlgren, 1928**

Described from unspecified number.

Type specimens: EUU 116c: 2 syntypes, Japan, Honshu, Sagami Bay, Kanagawa-ken, Misaki, Gote [Goto] Island; EUU 688 a: 1 syntype, Japan, Honshu, Sagami Bay, Kanagawa-ken, Misaki, Gote [Goto] Island; EUU 688 b: 1 syntype, Japan, Honshu, Sagami Bay, Kanagawa-ken, Misaki, Gote [Goto] Island; MZL *no number*: 6 microscope slides of syntype, Japan, Honshu, Sagami Bay, Kanagawa-ken, Misaki, Gote [Goto] Island

Synonymy: *Calliactis japonica* Carlgren, 1928 [Ref. 200], p. 172–173 (original description).

Paracalliactis japonica [no author]: Ross, 1974 [Ref. 1022], p. 287, 290–294, 296, 305.

***japonica*, *Capnea* (Carlgren, 1940) new combination**

Synonymy: *Aureliana* [sic] *japonica* Carlgren, 1940 [Ref. 281], p. 7, 33, 35, 60 (original description).

Capnea japonica (Carlgren, 1940): new combination herein.

japonica, *Chondrodactis* Wassilieff, 1908

Valid name: ***Phelliactis japonica* (Wassilieff, 1908)**

Described from x3 *ex* two localities.

Type specimens: ZSM 157: 2 syntypes, Japan, Honshu, Sagami Bay, near Misaki; 1 syntype *not found*: Japan, Honshu, Sagami Bay, Dogetsuaba [Dogetsuababank]

japonica, *Cribrina* Wassilieff, 1908

Valid name: ***Urticina japonica* (Wassilieff, 1908) new combination**

Described from x2.

Type specimens: ZSM 180: 2 syntypes, Japan, Onagawa Bay, north of Hondo

***japonica*, *Edwardsia* Carlgren, 1931**

Described from x1.

Type specimen: holotype *not found*: Japan, Honshu, Sagami Bay, Kanagawa-ken, Misaki

Synonymy: *Edwardsia japonica* Carlgren, 1931 [Ref. 287], p. 12–13 (original description).

Edwardsia japonica [sic] [no author]: Carlgren, 1931 [Ref. 287], p. 12–13.

Edwardsioides japonica Carlgren, 1931: England, 1987 [Ref. 63], p. 218.

***japonica*, *Epiactis* (Verrill, 1869)**

Synonymy: [*pro parte*] *Epiactis prolifera* Verrill, 1869 [Ref. 458], p. 492–493 (original description).

Bunodes Japonica Verrill, 1869 [Ref. 461] (1870), p. 62 [28] (original description).

Bunodactis Japonica (Ver.): Verrill, 1899 [Ref. 470], p. 42.

Bunodes japonica [no author]: Uchida, 1934 [Ref. 258], p. 30, 31.

Epiactis japonica (Verrill 1869): Carlgren, 1949 [Ref. 31], p. 58.

Bunodactis japonica (Verrill 1870): Carlgren, 1949 [Ref. 31], p. 65.

Cnidopus japonicus Verrill: Hand, 1955 [Ref. 371], p. 45.

Cnidopus japonica Verrill: Averincev, 1967 [Ref. 13], p. 63–67.

***japonica*, *Phelliactis* (Wassilieff, 1908)**

Synonymy: *Chondrodactis japonica* Wassilieff, 1908 [Ref. 478], p. 38–39 (original description).

Chondrodactis Japonica Wassilieff, 1908: Stephenson, 1920 [Ref. 449], p. 539.

Phelliactis japonica (Wassilieff 1908): Carlgren, 1949 [Ref. 31], p. 97.

***japonica*, *Stomphia* Carlgren, 1943**

Described from x2.

Type specimens: EUU 403: 1 syntype, Japan, Tsugaru Strait; NRS 3984: 1 syntype, Japan, Tsugaru Strait

Synonymy: *Stomphia japonica* Carlgren, 1943 [Ref. 305], p. 32–33 (original description).

***japonica*, *Urticina* (Wassilieff, 1908) new combination**

Synonymy: *Cribrina japonica* Wassilieff, 1908 [Ref. 478], p. 16–18 (original description).

Urticina japonica (Wassilieff, 1908): new combination herein.

japonicus, *Halcurias* unavailable

Described after 1999 and no repository for holotype fixed by describer, Uchida, 2004 [Ref. 5647], p. 13–15: therefore unavailable according to International Code of Zoological Nomenclature Article 16.4.2.

johnstoni, *Actinea* [sic] Cocks, 1851

Valid name: ***Cereus pedunculatus* (Pennant, 1777)**

Described from unspecified number.

Type specimens: syntypes *not found*: UK, England, Cornwall, Falmouth, Gwyllyn-vase

***jonesii*, *Edwardsia* Seshaiya & Cutress, 1969**

Described from holotype, x11 paratypes.

Type specimens: IM holotype, India, Tamil Nadu, Vellar River Estuary, near Porto Novo Marine Biological Station; USNM 52491: 5 paratypes, India, Tamil Nadu, Vellar River Estuary, near Porto Novo Marine Biological Station; PNMB5 6 paratypes, India, Tamil Nadu, Vellar River Estuary, near Porto Novo Marine Biological Station

Synonymy: *Edwardsia jonesii* Seshaiya and Cutress [sic], 1969 [Ref. 518], p. 73–76 (original description).

Edwardsioides jonesi [sic] Seshaiya & Cutress, 1969: England, 1987 [Ref. 63], p. 218.

Edwardsia zonesi [sic] [no author]: Choudhury, Bhunia, & Nandi, 1984 [Ref. 6235], p. 88.

Edwardsia jonesi [sic] [no author]: Daly, Perissinotto, Laird, Dyer, & Todaro, 2012 [Ref. 6197], p. 242.

jonica, *Tetractis* Goette, 1897

Valid name: ***Bunodeopsis strumosa* Andres, 1881**

Described from x4.

Type specimens: syntypes *not found*: Greece, Ionian Sea, Corfu

***josefi*, *Hormathia* Zhiubikas, 1977**

Described from x3.

Type specimens: RAS 9445: 1 syntype, Russia, Franz Josef Land, Alexander Land [Zemlya Aleksandry]; RAS 9444: 1 syntype, Russia, Franz Josef Land, Alexander Land [Zemlya Aleksandry]; RAS 10359-10362: 1 syntype, Russia, Franz Josef Land, Rudolfa Island [Ostrov Rudol'fa]

Synonymy: *Hormathia josefi* Zhiubikas, 1977 [Ref. 1510], p. 120–122 (original description).

***judaica*, *Actinia* (Linnaeus, 1761)**

Synonymy: *Priapus judaicus* Linnaeus, 1761 [Ref. 129], p. 510 (original description).

Actinia Judaica [no author]: Linnaeus, 1767 [Ref. 130], p. 1088.

Actinia judaica Linn.: Bruguière, 1789 [Ref. 606], p. 11.

Actinia judaica [no author]: Andres, 1883 [Ref. 6170], p. 586. *species delendae*

judaicus, *Priapus* Linnaeus, 1761

Valid name: ***Actinia judaica* (Linnaeus, 1761)**

Described from unspecified number *ex* "Oceano."

Type specimens: syntypes *not found*: locality unknown

***juliae*, *Edwardsia* Daly & Ljubenkov, 2008**

Described from holotype, unspecified number of paratypes.

Type specimens: CAS 175212: holotype, USA, California, San Diego, Bight 03 sta. 4278; CAS 175199: 2 paratypes, USA, California, San Diego, Bight 03 sta. 4278; CAS 175206: 2 paratypes, USA, California, Long Beach; CAS 175200: 1 paratype, USA, California, Monterey Bay; CAS 175203: >10 paratypes, USA, California, San Diego

Synonymy: *Edwardsia juliae* Daly & Ljubenkov, 2008 [Ref. 5980], p. 1, 2, 3, 6, 9–11, 22–24 (original description).

***jungerseni*, *Tealidium* Carlgren, 1921**

Described from x4 ex two localities.

Type specimens: NRS 5568: 1 syntype, Greenland, Denmark Strait (Danish Ingolf Expedition sta. 11); UCMNH *no number*: 2 syntypes, Greenland, Denmark Strait (Danish Ingolf Expedition sta. 11); UCMNH *no number*: 1 syntype, Greenland, West Greenland, Davis Strait (Danish Ingolf Expedition sta. 38)

Synonymy: *Tealidium jungerseni* Carlgren, 1921 [Ref. 196], p. 197–198 (original description).

***kameruniensis*, *Diadumene* Carlgren, 1927**

Described from "several specimens".

Type specimens: NRS 1171: 13 syntypes, West Africa, Cameroon, Cape Cameroon

Synonymy: *Diadumene kameruniensis* Carlgren, 1927 [Ref. 205], p. 475–477 (original description).

Diadumene kamaruniensis [sic] [no author]: Riemann-Zürneck, 1969 [Ref. 521], p. 187.

***kameruniensis*, *Edwardsia* Carlgren, 1927**

Described from x1.

Type specimen: holotype *not found*: West Africa, Cameroon, Douala Bay, between Mianjo and Cape Cameroon

Synonymy: *Edwardsia kameruniensis* Carlgren, 1927 [Ref. 205], p. 478 (original description).

Edwardsioides kameruniensis Carlgren, 1927: England, 1987 [Ref. 63], p. 218.

Edwardsia kamerunensis [sic] Carlgren, 1927: Daly, Perissinotto, Laird, Dyer, & Todaro, 2012 [Ref. 6197], p. 242.

***kefersteini*, *Halcampa* Andres, 1883**

Valid name: ***Halcampa chrysanthellum* (Peach in Johnston, 1847)**

Type specimens of a *nomen novum* are those of the species whose name is replaced (International Code of Zoological Nomenclature Article 72.7): there are two species in this instance, but the syntypes of neither are known.

Comments: A n. n. (*nomen novum*) for two species of Keferstein in *Xanthiopus*, a genus Andres considered unmerited. By current practice, Andres should have selected one of the names, made the other a synonym, and transferred the valid species to *Halcampa*. Not a replacement name in sense of International Code of Zoological Nomenclature Article 60. An unnecessary substitute name available nonetheless (International Code of Zoological Nomenclature Article 10.6): the two original names and this one now regarded as synonyms.

karinae*, *Actinauge* *nomen novum

Synonymy: *Chitonanthus abyssorum* Gravier, 1918 [Ref. 101], p. 13–14 (original description).

[*non*] *Actinauge abyssorum* Carlgren, 1934 [Ref. 290], p. 16–17 (original description). senior homonym

Actinauge abyssorum (Gravier, 1918): Riemann-Zürneck, 1986 [Ref. 515], p. 11–15. junior secondary homonym

Actinauge karinae: replacement name herein.

***kensmithi*, *Bolocera* Eash-Loucks & Fautin, 2012**

Described from holotype, x8 paratypes.

Type specimens: KU 003252: holotype, Canada, west of Vancouver Island; CAS 184529: 4 paratypes, 34.67°N, 123.18°W (PULSE Cruise sta. M); USNM 1149361: 1 paratype, 34.70°N, 123.03°W (PULSE Cruise sta. M); RBCM 010-00573-001: 1 paratype, 45.71°N, 127.95°W; SBMNH

149659: 1 paratype, 34.77°N, 123.13°W (PULSE Cruise sta. M); KU 001522: 1 paratype, 34.72°N, 123.22°W (PULSE Cruise sta. M)

Synonymy: *Bolocera kensmithi* Eash-Loucks & Fautin, 2012 [Ref. 6202], p. 3, 4, 6, 10–15, 48, 55 (original description).

kenti, *Discosoma* Haddon & Shackleton, 1893

Type species of *Stoichactis* by subsequent designation (Carlgren, 1949).

Valid name: ***Stichodactyla gigantea* (Forsskål, 1775)**

Described from unspecified number.

Type specimens: syntypes *not found*: Australia, Torres Straits

MZC I.1560, I.33795, and I.33800, and one unnumbered not type specimens but may have been considered so (in type collection)

***keralensis*, *Paratealia* Mathew & Kurian, 1979**

Type species of *Paratealia* by monotypy.

Described from holotype, x25 paratypes.

Type specimens: MSC *no number*: holotype, India, Kerala, Alleppey; MSC *no number*: paratypes, India, Kerala, Alleppey

Synonymy: *Paratealia keralensis* Mathew & Kurian, 1979 [Ref. 559], p. 159–162 (original description).

***keruelensis*, *Actinostola* Carlgren, 1928**

Described from x9.

Type specimens: MNB 7185: 1 syntype, Kerguelen, east Kerguelen (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 161); MNB 7203: 8 syntypes, Kerguelen, east Kerguelen (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 161); MZL 317: 1 syntype, Kerguelen, east Kerguelen (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 161)

Synonymy: *Actinostola keruelensis* Carlgren, 1928 [Ref. 198], p. 179–181 [57–59] (original description).

***keruelensis*, *Actinothoe* (Pax, 1922)**

Synonymy: *Sagartia keruelensis* Pax, 1922 [Ref. 413], p. 90–91 (original description).

Thoe keruelensis (Pax): Carlgren, 1928 [Ref. 198], p. 255–256 [133–134].

Actinothoe keruelensis (Pax 1922): Carlgren, 1949 [Ref. 31], p. 103.

***keruelensis*, *Bolocera* Studer, 1879**

Described from x2.

Type specimens: MNB 1675: 2 syntypes, Kerguelen, NW of Kerguelen; MNB 1604: 1 syntype, Kerguelen, NW of Kerguelen; NRS 1168: 5 pieces of syntype, Kerguelen, NW of Kerguelen

Synonymy: *Bolocera Keruelensis* Studer, 1879 [Ref. 262], p. 544 (original description).

Bolocera keruelensis Stud.: Studer, 1879 [Ref. 5212], p. 677.

Polystomidium patens [no author]: Hertwig, 1882 [Ref. 114], p. 12.

=? *Bolocera longicornis* Carlgren, 1891 [Ref. 146], p. 242–250 (original description).

=? *Bolocera occidua* McMurrich, 1893 [Ref. 386], p. 154–155, 156–157, 169, 171, 206 (original description).

[*pro parte*] *Bolocera longicornis* Carlgren: Stephenson, 1918 [Ref. 448], p. 20–23.

Bolocera capensis Carlgren, 1928 [Ref. 198], p. 146–148 [24–26] (original description).

Bolocera patens (Hertwig 1882): Carlgren, 1949 [Ref. 31], p. 54.

Polystomidia patens [no author]: Dunn & Bakus, 1977 [Ref. 335], p. 84.

Bolocera tuediae occidua (McMurrich, 1893): Riemann-Zürneck, 1980 [Ref. 432], p. 20–24.

Liponema capensis [no author]: Doumenc, 1984 [Ref. 573], p. 149.

Bolocera tuediae keruelensis Studer, 1879: Riemann-Zürneck, 1986 [Ref. 433], p. 115, 119, 121–125.

keruelensis, *Bunodes* Studer, 1879

Valid name: ***Parantheopsis cruentata* (Couthouy in Dana, 1846)**

Described from unspecified number.

Type specimens: MNB 1611: 1 syntype, Kerguelen, Accessible Bay; NRS 51: 5 pieces of syntype, Kerguelen, especially Accessible Bay; MZL *no number*: 2 microscope slides of syntype, Kerguelen, Accessible Bay

Comment: *Bunodes Studerii* Andres, 1883, a *nomen novum* for this species.

kerguelensis, *Edwardsia* Studer, 1879

Type species of *Halianthella* by monotypy.

Valid name: *Halianthella kerguelensis* (Studer, 1879)

Described from unspecified number.

Type specimens: MNB 7228: 3 syntypes, Kerguelen

kerguelensis, *Halcampa* Hertwig, 1888

Senior homonym to junior secondary homonym created by Stephenson, 1922.

Valid names used: *Halcampoides abyssorum* Danielssen, 1890; *Halcampoides purpureus* (Studer, 1879)

Described from x18 *ex* four localities.

Type specimens: BMNH 1889.11.25.40-41: 3 syntypes, Kerguelen, Betsy Cove (*Challenger* Expedition 1873–1876 sta. 149A); BMNH 1889.11.25.42: 1 syntype, Kerguelen, Betsy Cove (*Challenger* Expedition 1873–1876 sta. 149A); BMNH 1889.11.25.43: 2 syntypes, Kerguelen, off London River (*Challenger* Expedition 1873–1876 sta. 149G); NRS 5631: 4 syntypes, Kerguelen, Betsy Cove (*Challenger* Expedition 1873–1876 sta. 149A); 1 syntype *not found*: Kerguelen, off Cumberland Bay (*Challenger* Expedition 1873–1876 sta. 149H); 3 syntypes *not found*: Kerguelen, off Cumberland Bay (*Challenger* Expedition 1873–1876 sta. 149J)

kerguelensis, *Halcampoides* Pax, 1922

Valid names used: *Halcampoides abyssorum* Danielssen, 1890; *Halcampoides purpureus* (Studer, 1879)

Described from unspecified number (inferred x1).

Type specimen: MNB 7089: holotype Kerguelen, Observatory Bay (Deutsche Sudpolar-Expedition 1901–03)

Comment: *Halcampoides stephensoni* Pax, 1926, a *nomen novum* for this species.

kerguelensis, *Halianthella* (Studer, 1879)

Synonymy: *Edwardsia Kerguelensis* Studer, 1879 [Ref. 262], p. 546 (original description).

Edwardsia kerguelensis Stud.: Studer, 1879 [Ref. 5212], p. 678.

Edwardsiella Kerguelensis Stud.: Andres, 1883 [Ref. 6170], p. 306.

Halianthella kerguelensis Studer: Kwietniewski, 1895 [Ref. 398], p. 585, 588–592, 602.

Halianthella Kerguelensis (Stud.): Haddon, 1898 [Ref. 363], p. 414.

Marsupifer Valdiviae Carlgren, 1901 [Ref. 604], p. 475, 476–478, 481, 482–483 (original description).

Marsupifer valdiviae Carlgren, 1901: Stephenson, 1920 [Ref. 449], p. 526.

Halianthus kerguelensis (Studer): McMurrich, 1904 [Ref. 391], p. 225.

Rhytidactis antarctica Pax, 1922 [Ref. 413], p. 85–86 (original description).

Dimyactis duplicata Pax, 1922 [Ref. 413], p. 87 (original description).

Halianthella valdiviae [no author]: Pax, 1925 [Ref. 417], p. 799.

kerguelensis, *Phelliogeton* Carlgren, 1928

Described from unspecified number (inferred x1).

Type specimen: MNB 7368: ½ of holotype, Kerguelen, Gazelle Harbor

Synonymy: *Phelliogeton kerguelensis* Carlgren, 1928 [Ref. 198], p. 239–240 [117–118] (original description).

kerguelensis, *Sagartia* Pax, 1922

Valid name: *Actinothoe kerguelensis* (Pax, 1922)

Described from unspecified number.

Type specimens: syntypes *not found*: Kerguelen

knudseni, *Hadalanthus* Carlgren, 1956

Type species of *Hadalanthus* by monotypy.

Described from holotype, x2 paratypes.

Type specimens: UCMNH *no number*: holotype, 35°51'S, 178°31'W (*Galathea* Expedition sta. 658); UCMNH *no number*: 2 paratypes, 35°51'S, 178°31'W (*Galathea* Expedition sta. 658)

Synonymy: *Hadalanthus knudseni* Carlgren, 1956 [Ref. 310], p. 13–14 (original description).

***koellikeri*, *Cystiactis* Pax, 1910**

Described from x1.

Type specimen: ZSM *no number*: ~1/3 of holotype, Caribbean Sea, West Indies

Synonymy: *Cystiactis koellikeri* Pax, 1910 [Ref. 587], p. 176–177 (original description).

***kohli*, *Anthopleura* Carlgren, 1930**

Described from x2.

Type specimen: SMF 9: 1 syntype, New Zealand, Stewart Island[s]

Synonymy: *Anthopleura* sp.: Carlgren, 1924 [Ref. 208], p. 211–212.

Anthopleura kohli Carlgren, 1930 [Ref. 286], p. 4 (original description).

***koreni*, *Peachia* McMurrich, 1893**

Described from x1 ("No. 954").

Type specimen: holotype *not found*: Argentina, La Plata River (U.S. Fish Commission Steamer *Albatross* 1888 sta. 2764)

Synonymy: *Peachia koreni* McMurrich, 1893 [Ref. 386], p. 144–145 (original description).

Peachia Koreni McMurrich, 1893 [Ref. 386], p. 145, 206.

Peachia Koreui [sic] Mc Murrich.: Carlgren, 1896 [Ref. 735], p. 175.

koseirensis, *Bunodes* Klunzinger, 1877

Type species of *Antheopsis* by monotypy.

Valid name: ***Heteractis aurora* (Quoy & Gaimard, 1833)**

Described from unspecified number.

Type specimens: MNB 1871: 1 syntype, Egypt, Red Sea [Mer Rouge], Koseir; NRS 7830: 1 syntype, Egypt, Red Sea [Mer Rouge], Koseir

***kraemeri*, *Actinia* Pax, 1914**

Described from unspecified number.

Type specimens: MPUW: 3 syntypes, South Pacific Ocean, Samoa

Synonymy: *Actinia kraemeri* Pax, 1914 [Ref. 410], p. 411–413 (original description).

***kraepelini*, *Thalassianthus* Carlgren, 1900**

Described from x1.

Type specimen: ZMH C2591: holotype, East Africa, Tanzania, Zanzibar, Tumbatu

Synonymy: *Thalassianthus Kraepelini* Carlgren, 1900 [Ref. 195], p. 91–93 [111–113] (original description).

Thalassianthus kraepelini Carlgr.: Stephenson, 1922 [Ref. 451], p. 296.

***krebsi*, *Anthopleura* Duchassaing & Michelotti, 1860**

Type species of *Anthopleura* by monotypy.

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, Virgin Islands, St. Thomas

Synonymy: *Anthopleura Krebsi* Duchassaing & Michelotti, 1860 [Ref. 323], p. 49 (original description).

Anthopleura krebsi [no author]: Duchassaing & Michelotti, 1861 [Ref. 1805], p. 325.

Anthopleura Krebsii [sic] Duch. et Mich.: Duchassaing & Michelotti, 1864 [Ref. 322], p. 32.

Anthopleura krebsii [sic] Duch. et Mich.: Duchassaing & Michelotti, 1866 [Ref. 1804], p. 126.

Bunodes Krebsii [sic] (Duch. and Mich.): Duerden, 1897 [Ref. 55], p. 454.

Bunodactis stelloides carneola Verrill, 1907 [Ref. 476], p. 263–264 (original description).

Anthopleura varioarmata Watzl, 1922 [Ref. 479], p. 33–36, 75 (original description).

Anthopleura kerbsi [sic] [no author]: Bigger, 1980 [Ref. 5133], p. 118.

[*non*] *Anthopleura varioarmata* Watzl: Belém & Monteiro, 1981 [Ref. 17], p. 193–203.
Anthopleura carneola [no author]: McCommas, 1983 [Ref. 525], p. 743, 745, 747.

***kroghi*, *Bathydactylus* Carlgren, 1956**

Described from holotype, x11 paratypes.

Type specimens: UCMNH *no number*: holotype, 35°16'S, 178°40'W (*Galathea* Expedition sta. 649); UCMNH *no number*: 11 paratypes, 35°16'S, 178°40'W (*Galathea* Expedition sta. 649)

Synonymy: *Bathydactylus kroghi* Carlgren, 1956 [Ref. 310], p. 14–15 (original description).

Bathydactylus krogni [*sic*] Carlgren, 1956: Zelnio, Rodriguez, & Daly, 2009 [Ref. 6100], p. 556.

kroeyeri, *Calliactis* Danielssen, 1890 [originally *Calliactis kroeyeri*]

Valid name: ***Allantactis parasitica* Danielssen, 1890**

Described from x6 *ex* two localities.

Type specimens: MZB 599: 3 syntypes, Svalbard, west of Spitsbergen (Norwegian North Atlantic Expedition 1876–1878 sta. 370); MZB 600: 2 syntypes, Svalbard, Spitsbergen, West Spitsbergen, Isfjorden, Advent Bay (Norwegian North Atlantic Expedition 1876–1878 sta. 374); NRS 5668: 1 syntype, Svalbard, Spitsbergen, West Spitsbergen, Isfjorden, Advent Bay (Norwegian North Atlantic Expedition 1876–1878 sta. 374)

***kuekenthali*, *Bunodosoma* Pax, 1910**

Described from unspecified number.

Type specimens: MNB 5192: 5 syntypes, Caribbean Sea, Lesser Antilles, Barbados, east coast, Bathsheba

Synonymy: *Bunodosoma kükenthali* Pax, 1910 [Ref. 587], p. 177–178 (original description).

Phymactis kükenthali Pax, 1910: Stephenson, 1922 [Ref. 451], p. 285.

Rivetia kükenthali [no author]: Carlgren, 1924 [Ref. 209], p. 2, 6, 12–15.

Bunodosoma kukenthali [*sic*] Pax: Lewis, 1960 [Ref. 1100], p. 430.

kuekenthali, *Radianthus* Kwietniewski, 1896

Type species of *Radianthus* by monotypy.

Valid name: ***Heteractis crispa* (Hemprich & Ehrenberg in Ehrenberg, 1834)**

Described from x5.

Type specimens: MNB 3579: 1 syntype, Indonesia, Moluccas, Ternate Island; NRS 5686: 1 syntype, Indonesia, Moluccas, Ternate Island; PMJ 67: 1 syntype, Indonesia, Moluccas, Ternate Island; PMJ 68: 1 syntype, Indonesia, Moluccas, Ternate Island; SMF 101: 1 syntype, Indonesia, Moluccas, Ternate Island

***kurogane*, *Anthopleura* Uchida & Muramatsu, 1958**

Described from unspecified number.

Type specimens: syntypes *not found*: Japan, middle to northern coasts

Synonymy: *Anthopleura xanthogrammica* (Brandt): Uchida, 1938 [Ref. 260], p. 298–302.

Anthopleura kurogané Uchida & Muramatsu, 1958 [Ref. 261], p. 113–115 (original description).

Anthopleura kruogané Uchida & Muramatsu, 1958: England, 1987 [Ref. 63], p. 239.

Anthopleura kurogane Uchida & Muramatsu, 1958: Song & Lee, 1998 [Ref. 760], p. 233, 240.

kwietniewskii, *Stichodactis* Lager, 1911

Valid name: ***Heteractis malu* (Haddon & Shackleton, 1893)**

Described from x1.

Type specimen: ZMH C5342: holotype, Australia, Western Australia, Barrow Island

kwoiam, *Anemonia* Haddon & Shackleton, 1893

Valid name: ***Entacmaea quadricolor* (Leuckart in Rüppell & Leuckart, 1828)**

Described from unspecified number.

Type specimens: MZC I.33490: 1 syntype, Australia, Queensland, Torres Strait, Jervis Island, Mabuiag

***lacazei*, *Paracalliactis* Dechancé & Dufaure, 1959**

Described from >1.

Type specimens: syntypes *not found*: France, Mediterranean Sea, Gulf of Lyon, near Banyuls

Synonymy: *Paracalliactis lacazei* Dechancé & Dufaure, 1959 [Ref. 568], p. 1566–1568 (original description).

***lacerata*, *Actinia* Dalyell, 1848**

Valid name: ***Sagartiogeton laceratus* (Dalyell, 1848)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: UK, Scotland

***laceratus*, *Sagartiogeton* (Dalyell, 1848)**

Synonymy: [*non*] *Actinia coccinea* Müller, 1776 [Ref. 167], p. 231 (original description).

[*non*] *Actinia hyalina* Le Sueur, 1817 [Ref. 128], p. 170 (original description).

Actinia hyalina Delle Chiaje, 1823 [Ref. 1512], p. 234, 243.

Actinia (*Monostephanus*) *hyaline* Delle Chiaje: Brandt, 1835 [Ref. 65], p. 10.

[*pro parte*] *Actinia coccinea* [no author]: Johnston, 1847 [Ref. 694], p. 215.

Actinia lacerata Dalyell, 1848 [Ref. 672], p. 228–233 (original description).

[*pro parte*] *Sagartia coccinea* (Müller): Gosse, 1858 [Ref. 96], p. 416.

Phellia picta Gosse, 1860 [Ref. 356], p. 143–144, 355 (original description).

Paractis comata Andres, 1881 [Ref. 4], p. 307, 314, 341 (original description).

[*pro parte*] *Cylista coccinea* Müll.: Andres, 1883 [Ref. 6170], p. 365.

Aiptasia lacerata Dal.: Andres, 1883 [Ref. 6170], p. 374–375.

Sagartia lacerata (Dalyell): Fischer, 1887 [Ref. 80], p. 390.

Sagartia herdmani Haddon in Haddan, 1891 [Ref. 570], p. 199–201 (original description).

Sagartia undata O. F. Müller: Carlgren, 1893 [Ref. 145], p. 94–101, 148.

Sagartia herdmani [*sic*] Haddon: Carlgren, 1895 [Ref. 734], p. 285.

Sagartia herdmani Haddoni: Stephens, 1912 [Ref. 6215], p. 1, 8.

Actinothoe lacerata (Dalyell): Stephenson, 1935 [Ref. 505], p. 347–355.

Actinothoë lacerata (Dalyell): Carlgren, 1940 [Ref. 281], p. 7, 41–43.

Sagartiogeton laceratus (Dal.): Carlgren, 1942 [Ref. 197], p. 26–28.

Sagartiogeton lacerata (Dalyell): Teissier, 1965 [Ref. 4978], p. 52.

Aiptasiogeton laceratus [no author]: Schmidt, 1969 [Ref. 5656], p. 308.

Actinothoe lacerrata [*sic*] [no author]: Ates, 1997 [Ref. 1712], p. 27.

Sargatiogeton [*sic*] *laceratus* [no author]: Jarms & Tiemann, 2004 [Ref. 1874], p. 17.

***lactea*, *Sagartia* McMurrich, 1893**

Valid name: ***Amphianthus lacteus* (McMurrich, 1893)**

Described from "numerous specimens (Nos. 710-956)"

Type specimens: USNM 17788: 92 syntypes, Chile, east of Mesier Canal, Serrano Island (U.S. Fish Commission Steamer *Albatross* 1888 sta. 2785); NRS 5622: 2 syntypes, Chile, east of Mesier Canal, Serrano Island (U.S. Fish Commission Steamer *Albatross* 1888 sta. 2785)

***lacteus*, *Amphianthus* (McMurrich, 1893)**

Synonymy: *Sagartia lactea* McMurrich, 1893 [Ref. 386], p. 176–179, 206–207 (original description).

Amphianthus lacteus (McMurrich 1893): Carlgren, 1949 [Ref. 31], p. 99.

Amphianthus lacteus [*sic*] (McMurrich, 1893): Rodríguez, López-González, & Gili, 2007 [Ref. 5911], p. 1879, 1890.

***lacunifera*, *Hormathia* (Stephenson, 1918)**

Synonymy: *Lilliella lacunifera* Stephenson, 1918 [Ref. 448], p. 33–35 (original description).

Paranthus erythrosoma Pax, 1922 [Ref. 413], p. 81 (original description).

Parantheoides rhododactyla Pax, 1922 [Ref. 413], p. 84–85 (original description).

Hormathia lacunifera [no author]: Carlgren, 1927 [Ref. 210], p. 97.

Hormathia rhododactyla (Pax): Carlgren, 1927 [Ref. 210], p. 89–90.

Hormathia erythrosoma (Pax): Carlgren, 1927 [Ref. 210], p. 88.

Hormathia bouvetensis Carlgren, 1928 [Ref. 198], p. 205–206 [83–84] (original description).

lacunifera, *Lilliella* Stephenson, 1918

Type species of *Lilliella* by original designation.

Valid name: ***Hormathia lacunifera* (Stephenson, 1918)**

Described from x1.

Type specimen: BMNH 1918.5.12.14: holotype, Antarctica, McMurdo Sound, off Barne Glacier (*Terra Nova* Expedition 1910 sta. 348); BMNH 1918.8.16.7: 5 microscope slides of holotype, Antarctica, McMurdo Sound, off Barne Glacier (*Terra Nova* Expedition 1910 sta. 348)

***laevis*, *Amphianthus* Carlgren, 1938**

Described from unspecified number: locality uncertain.

Type specimens: NRS 4055: 6 syntypes, South Africa, off Cape Town?; UCMNH *no number*: ~15 syntypes, South Africa, off Cape Town?

Synonymy: *Amphianthus laevis* Carlgren, 1938 [Ref. 283], p. 78–79 (original description).

laevis, *Ilyanthus* Verrill, 1864

Valid name: ***Mesacmaea laevis* (Verrill, 1864)**

Described from x1.

Type specimens: MCZ *no number*: holotype, USA, Maine, Eastport

***laevis*, *Limnactinia* Carlgren, 1921**

Type species of *Limnactinia* by monotypy.

Described *ex* two stations, x5 from one, unspecified number from other.

Type specimens: NRS 1186: 1 syntype, Sweden, Kattegat, Bohuslän, Gullmarfjord [Gulmarfjord], Sker, Lindholm, between Lysekil and Kristineberg; NRS 5670: 1 syntype, Norway, Finnmark [Finnmark], Kal fiord (Goës and Malmgren 1861 Expedition)

Synonymy: *Limnactinia laevis* Carlgren, 1921 [Ref. 196], p. 75–80 (original description).

***laevis*, *Mesacmaea* (Verrill, 1864)**

Synonymy: *Ilyanthus laevis* Verrill, 1864 [Ref. 455], p. 27 (original description).

Ilyanthus levis V.: Verrill, 1874 [Ref. 700], p. 413.

Ilyanthus laevis Verr.: Andres, 1883 [Ref. 6170], p. 481.

Mesacmaea laevis (Verrill, 1864–1866): Sebens, 1998 [Ref. 453], p. 50.

***laevis*, *Paractis* (Carlgren, 1899) new combination**

Synonymy: *Sagartia laevis* Carlgren, 1899 [Ref. 148], p. 35–36 (original description).

Choriactis crassa McMurrich, 1904 [Ref. 391], p. 274–275 (original description).

Choriactis crassoides Pax, 1922 [Ref. 413], p. 91–92 (original description).

Choriactis opalescens Pax, 1922 [Ref. 413], p. 92–93 (original description).

Choriactis laevis (Carlgr.): Carlgren, 1927 [Ref. 210], p. 79–82.

Paractis laevis (Carlgren, 1899): new combination herein.

***laevis*, *Pycnanthus* Carlgren, 1921**

Described *ex* two localities, from "many spec. on stones" and "several spec."

Type specimens: MZL 311: 3 syntypes, Greenland, West Greenland, Davis Strait, Baffin Bay (Danish Ingolf Expedition sta. 32); UCMNH *no number*: 28 syntypes, Greenland, West Greenland, Davis Strait, Baffin Bay (Danish Ingolf Expedition sta. 32); UCMNH *no number*: 25 syntypes, Faroe [Færøe, Faeroe] Islands, west of Faroe [Faeroe] Islands (Danish Ingolf Expedition sta. 46)

Synonymy: *Pycnanthus laevis* Carlgren, 1921 [Ref. 196], p. 202–204 (original description).

laevis, *Sagartia* Carlgren, 1899

Valid name: ***Paractis laevis* (Carlgren, 1899) new combination**

Described from x1.

Type specimen: MZL 322: holotype, Chile, Straits of Magellan, Punta Arenas

***laevis*, *Siphonactinopsis* Carlgren, 1921**

Type species of *Siphonactinopsis* by monotypy.

Described from x1.

Type specimen: UCMNH *no number*: holotype, Greenland; MZL *no number*: 2 microscope slides of holotype, Greenland

Synonymy: *Siphonactinopsis laevis* Carlgren, 1921 [Ref. 196], p. 115–117 (original description).

laevis, *Stoichactis* Lager, 1911

Valid name: ***Stichodactyla tapetum* (Hemprich & Ehrenberg in Ehrenberg, 1834)**

Described from x1.

Type specimen: ZMH C5337: holotype, Australia, Western Australia, Sharks Bay, about 3 English miles northwest of Denham (Hamburger südwest-australischen Forschungsreise 1905 sta. 3)

***laurentii*, *Actinia* Brandt, 1835**

Described from unspecified number.

Type specimens: syntypes *not found*: Canada, Gulf of St. Lawrence

Synonymy: *Actinia Laurentii* Brandt, 1835 [Ref. 65], p. 13 (original description).

Actinia Laurentii [no author]: Andres, 1883 [Ref. 6170], p. 594–595. *species delendae*

leidyi, *Edwardsia* Verrill, 1898

Valid name: ***Edwardsiella lineata* (Verrill, 1873)**

Described from many specimens.

Type specimens: USNM 23514: 46+ syntypes, USA, Massachusetts, Martha's Vineyard, U.S. Fish Commission; YPM 8805: 6 syntypes, USA, Massachusetts, Vineyard Sound, U.S. Fish Commission; YPM 8804: 37 syntypes, USA, Massachusetts, Vineyard Sound, U.S. Fish Commission; YPM 8806: 10 syntypes, USA, Massachusetts, Vineyard Sound, U.S. Fish Commission; YPM 8807: 7 syntypes, USA, Massachusetts, Vineyard Sound, U.S. Fish Commission; syntypes *not found*: USA, Rhode Island, Newport; syntypes *not found*: USA, Massachusetts, Woods Hole [Wood's Holl]

***leiodactyla*, *Aiptasia* Pax, 1910**

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, Haiti [Santo Domingo]

Synonymy: *Aiptasia leiodactyla* [no author]: Pax, 1910 [Ref. 407], p. 163, 164, 198–201.

Aiptasiomorpha leiodactyla Pax, 1910: Stephenson, 1920 [Ref. 449], p. 531.

***lemchei*, *Paraedwardsia* Carlgren, 1956**

Described from "numerous specimens" *ex* one station.

Type specimens: UCMNH *no number*: holotype, 10°21'S, 110°12'E (*Galathea* Expedition sta. 466); USNM 51683: 1 paratype, 10°21'S, 110°12'E (*Galathea* Expedition sta. 466); UCMNH *no number*: 25 paratypes, 10°21'S, 110°12'E (*Galathea* Expedition sta. 466)

Synonymy: *Paraedwardsia lemchei* Carlgren, 1956 [Ref. 310], p. 9–10 (original description).

***lessonii*, *Sagartia* Verrill, 1869**

Type specimens of a *nomen novum* are those of the species whose name is replaced (International Code of Zoological Nomenclature Article 72.7).

Synonymy: [*non*] *Actinia bicolor* Le Sueur, 1817 [Ref. 128], p. 171 (original description). senior homonym

Actinia bicolor Lesson, 1830 [Ref. 123], p. 78–79 (original description). junior primary homonym

Actinia (Diplostephanus) bicolor Less.: Brandt, 1835 [Ref. 65], p. 10.

Sagartia Lessonii Verrill, 1869 [Ref. 458], p. 486 (original description as *nomen novum*).

Sagartia Verrillii Andres, 1883 [Ref. 6170], p. 393 (original description as *nomen novum*).

Sagartia lessonii [no author]: Pax, 1912 [Ref. 408], p. 25.

Comment: Replacement name (International Code of Zoological Nomenclature Article 60) for junior primary homonym *Actinia bicolor* Lesson, 1830.

lessonii, *Urticina* Duchassaing, 1850

Valid name: ***Bunodosoma granuliferum* (Le Sueur, 1817)**

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, Antilles

***leucolena*, *Diadumene* (Verrill, 1866)**

Synonymy: *Sagartia leucolena* Verrill, 1866 [Ref. 459], p. 336–337 (original description).

Cylista leucolena Verr.: Andres, 1883 [Ref. 6170], p. 365–366.

[*non*] *Cylista leucolena* Agg.: Cary, 1911 [Ref. 6016], p. 81, 86.

Diadumene leucolena (Verrill 1866): Carlgren, 1949 [Ref. 31], p. 109.

Cylista leuolena [*sic*] [no author]: Atoda, 1954 [Ref. 493], p. 123.

Diadumene [*sic*] *leucolena* [no author]: Olmstead & Fell, 1978 [Ref. 5135], p. 18.

leucolena, *Sagartia* Verrill, 1866

Valid name: ***Diadumene leucolena* (Verrill, 1866)**

Described from unspecified number >1.

Type specimens: YPM 665: 8 syntypes, USA, Connecticut, Long Island Sound, New Haven Light; syntypes *not found*: USA, New York, New York Harbor

***leucomelos*, *Drillactis* (Parry, 1951)**

Synonymy: *Edwardsia leucomelos* Parry, 1951 [Ref. 181], p. 87, 90, 95–96 (original description).

Drillactis leucomelos [*sic*] (Parry 1951): Carlgren, 1954 [Ref. 308], p. 592–593.

Drillactis leucomelos Parry, 1951: Williams, 1981 [Ref. 491], p. 351.

Drillactis leucomelas [*sic*] (Parry, 1951): Dawson, 1992 [Ref. 1261], p. 40.

leucomelos, *Edwardsia* Parry, 1951

Valid name: ***Drillactis leucomelas* (Parry, 1951)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: New Zealand, North Island, Auckland Harbour, Parnell; syntypes *not found*: New Zealand, South Island, Christchurch, Heathcote Estuary; syntypes *not found*: New Zealand, South Island, Governor's Bay, Lyttelton Harbour

levis, *Halcurias* unavailable

Described after 1999 and no repository for holotype fixed by describer, Uchida, 2004 [Ref. 5647], p. 15–19: therefore unavailable according to International Code of Zoological Nomenclature Article 16.4.2.

***levis*, *Phymanthus* Kwietniewski, 1898**

Described from x13.

Type specimens: MNB 3811: 3 syntypes, Indonesia, Moluccas Islands, Ambon [Amboina]; NRS 5557: 1 syntype, Indonesia, Moluccas Islands, Ambon [Amboina]; PMJ 71: 8 syntypes, Indonesia, Moluccas Islands, Ambon [Amboina]

Synonymy: *Phymanthus levis* Kwietniewski, 1898 [Ref. 125], p. 388, 419, 421–422 (original description).

Phymanthus laevis Kwietniewski 1898: Carlgren, 1949 [Ref. 31], p. 75.

***lewisi*, *Epiactis* Carlgren, 1940**

Described from x1.

Type specimen: USNM 43442: holotype, Chukchi Sea, M.S. Stranger

Synonymy: *Epiactis lewisi* Carlgren, 1940 [Ref. 296], p. 23–24 (original description).

***lighti*, *Diadumene* Hand, 1956**

Described from "several hundred specimens". Specimens referred to as lectotype and paratypes by Hand (1957) [Ref. 373] actually neotype and vouchers, respectively, because published after original description.
Type specimen: USNM 50645: neotype, USA, California, Monterey County, Pacific Grove, Hopkins Marine Station, north side of Mussel Point
Synonymy: *Diadumene lighti* Hand, 1956 [Ref. 372], p. 237–244 (original description).

lilae, *Nectothela* Verrill, 1928

Type species of *Nectothela* by monotypy.

Valid name: ***Bolocerooides mcmurrici* (Kwietniewski, 1898)**

Described from holotype, unspecified number of paratypes.

Type specimens: AMNH 1476: holotype, USA, Hawaiian Islands, Oahu, north coast, Malaekahana; AMNH 1477: 11 paratypes, USA, Hawaiian Islands, Oahu; BPBM D108: 2 paratypes, USA, Hawaiian Islands, Oahu

limicola, *Phellia* Andres, 1881

Valid name: ***Telmatactis forskalii* (Hemprich & Ehrenberg in Ehrenberg, 1834)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: Italy, Naples, Palazzo di Donn' Anna, Barbajae and Frisii

limnicola, *Halianthus* Annandale, 1915

Type species of *Synhalcampa* by monotypy.

Valid name: ***Mena limnicola* (Annandale, 1915)**

Described from unspecified number.

Type specimens: IM 6032/7: syntypes, India, Bengal, Chilka Lake

***limnicola*, *Mena* (Annandale, 1915)**

Synonymy: *Halianthus limnicola* Annandale, 1915 [Ref. 6], p. 69, 89–92, 95 (original description).

Synhalcampa limnicola Ann.: Carlgren, 1921 [Ref. 196], p. 21.

Halcampa limnicola Annan.: Stephenson, 1922 [Ref. 451], p. 252.

Mena limnicola (Annandale): Carlgren, 1925 [Ref. 204], p. 11–14.

lindahli, *Ammodiscus* Carpenter in Carpenter & Jeffreys, 1871

Type species of ***Octineon*** by monotypy. Carlgren (1949) erroneously gave authorship as Carpenter *in* Fowler, 1894.
Type species of *Ammodiscus* by monotypy.

Valid name: ***Octineon lindahli* (Carpenter in Carpenter & Jeffreys, 1871)**

Described from unspecified "large" number *ex* two localities.

Type specimens: BMNH 1894.2.7.2-4: 3 syntypes, Spain, near Cape St. Vincent (*Porcupine* First Expedition sta. 26); MZC I.1572: 1 syntype, Spain, near Cape St. Vincent (*Porcupine* First Expedition sta. 26); syntypes *not found*: Spain, west of Cadiz (*Porcupine* First Expedition sta. 30)

***lindahli*, *Octineon* (Carpenter in Carpenter & Jeffreys, 1871)**

Synonymy: *Ammodiscus Lindahli* Carpenter in Carpenter & Jeffreys, 1871 [Ref. 673], p. 160 (original description).

Octineon Lindahli (W. B. Carp.): Fowler, 1894 [Ref. 89], p. 463–468 (not original description although claimed to be).

Octineon lindahli (Carpent.): Carlgren, 1931 [Ref. 287], p. 40–42.

***lineata*, *Diadumene* (Verrill, 1869)**

Synonymy: =? *Actinia chryso splenium* W.P. Cocks in Johnston, 1847 [Ref. 694], p. 214–215 (original description).

=? *Actinea* [*sic*] *chryso splinum* [*sic*] Cocks: Cocks, 1850 [Ref. 6093], p. 94.

=? *Actinea* [*sic*] *Chryso splenium* [*sic*] Cocks: Cocks, 1851 [Ref. 36], p. 5–6.

=? *Bunodes Chryso splenium* [*sic*] [no author]: Gosse, 1855 [Ref. 95], p. 274.

=? *Sagartia chryso splenium* (Cocks): Gosse, 1858 [Ref. 96], p. 416.

=? *Chrysoela chryso splenium* [no author]: Gosse, 1860 [Ref. 356], p. 119–121.

Sagartia lineata Verrill, 1869 [Ref. 461] (1870), p. 57 [23] (original description).

=? Uncertain genus *chrysopenium* Cocks: Andres, 1883 [Ref. 6170], p. 575, 577–578. *incertae sedis*
 =? *Sagartia chrysopenium* [*sic*] Cocks: Pennington, 1885 [Ref. 422], p. 154.
Sagartia pustulata McMurrich, 1887 [Ref. 385], p. 60–61 (original description).
Sagartia Luciae Verrill, 1898 [Ref. 469], p. 493–494 (original description).
Sagartia luciae Ver.: Parker, 1900 [Ref. 180], p. 754.
 =? *Sagartia davisii* [no author]: Torrey & Mery, 1904 [Ref. 5793], p. 211–224.
Sagartia luciae Verrill: Walton, 1908 [Ref. 264], p. 207–208.
Diadumene luciae (Verr.): Carlgren, 1927 [Ref. 199], p. 444.
Diadumene luciae Verrill (1898): Pax, 1928 [Ref. 405], p. 202, 215–216, 218, 219.
Diadumene Luciae (Verrill): Uchida, 1932 [Ref. 501], p. 69–81.
Diadumene Luciae Verr.: Collings, 1938 [Ref. 1351], p. 27.
Aiptasiomorpha luciae (Verrill, 1899): Cutress, 1949 [Ref. 313], p. 49–51, 52, 58, 62.
Haliplanella luciae (Verrill): Hand, 1956 [Ref. 372], p. 211–222.
Diadumene lineata (Verrill): Williams, 1980 [Ref. 1465], p. 84–86.
Haliplanella lineata (Verrill): Manuel, 1981 [Ref. 384], p. 134–136.
Haliplanella [*sic*] *luciae* [no author]: Doumenc, Chintiroglou, & Koukouras, 1985 [Ref. 50], p. 525.
Haliplanella lucia [*sic*] (Verrill, 1898): Song, 1992 [Ref. 237], p. 268.
Haliphlanella luciae [no author]: Hand & Uhlinger, 1994 [Ref. 1862], p. 505. *misspelled*
Haliplannella [*sic*] *luciae* [no author]: Grosholz & Ruiz, 1996 [Ref. 6176], p. 60.
Haliplanella liciae [*sic*] [no author]: Pei, 1998 [Ref. 765], p. 113.

lineata, *Edwardsia* Verrill, 1873

Valid name: ***Edwardsiella lineata* (Verrill, 1873)**

Described from unspecified number >1.

Type specimens: YPM 8801: x10 syntypes (missing; unreturned loan), USA, Rhode Island, Watch Hill, and USA, Massachusetts, Martha's Vineyard, Gay Head

***lineata*, *Edwardsiella* (Verrill, 1873)**

Synonymy: *Edwardsia lineata* Verrill, 1873 [Ref. 728], p. 421, 425, 497, 739 (original description).

Edwardsia sp.: Verrill, 1874 [Ref. 699], p. 504.

Edwardsia leidyii Verrill, 1898 [Ref. 469], p. 496–497 (original description).

[*pro parte*] *Edwardsia Leidyii* Verrill 1898: Carlgren, 1949 [Ref. 31], p. 23.

Fagesia lineata (Verrill 1874): Carlgren, 1949 [Ref. 31], p. 25.

Edwardsiella lineata [no author]: Daly, Lipscomb, & Allard, 2002 [Ref. 1680], p. 503, 505, 506, 507.

***lineata*, *Haddonactis* (Haddon & Shackleton, 1893) new combination**

Synonymy: *Paraphellia lineata* Haddon & Shackleton, 1893 [Ref. 364], p. 117, 130 (original description).

Haddonactis lineata (Haddon & Shackleton, 1893): new combination herein.

lineata, *Paraphellia* Haddon & Shackleton, 1893

Valid name: ***Haddonactis lineata* (Haddon & Shackleton, 1893) new combination**

Described from unspecified number.

Type specimens: syntypes *not found*: Australia, Queensland, Torres Strait, between Orman's Reef and Gaba, Brother's Island

lineata, *Sagartia* Verrill, 1869

Valid name: ***Diadumene lineata* (Verrill, 1869)**

Described from unspecified number.

Type specimens: syntypes *not found*: China, Hong Kong harbor

lineolata, *Actinia* Couthouy in Dana, 1846

Type species of *Antiparactis* by monotypy.

Valid name: ***Antiparactis lineolata* (Couthouy in Dana, 1846)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: South America, Tierra del Fuego, near Orange Harbor, Forge Cove (United States Exploring Expedition ["Wilkes Expedition"])

***lineolata*, *Antiparactis* (Couthouy in Dana, 1846)**

Synonymy: *Actinia lineolata* Couthouy in Dana, 1846 [Ref. 318], p. 137–138 (original description).

Paractis lineolata [no author]: Milne Edwards, 1857 [Ref. 508], p. 248–249.

Sagartia lineolata Verrill: Verrill, 1869 [Ref. 458], p. 483–484.

Nemactis lineolata Dana: Andres, 1883 [Ref. 6170], p. 395.

Antiparactis dubia Ver.: Verrill, 1899 [Ref. 472], p. 212.

Pycnanthus lineolatus (Mc Murrich): McMurrich, 1904 [Ref. 391], p. 245–247.

Paranthus lineolatus McMurrich, 1893: Stephenson, 1920 [Ref. 449], p. 542.

Antiparactis lineolatus (Mc Murrich 1893): Carlgren, 1949 [Ref. 31], p. 84.

***lisbethae*, *Epiactis* Fautin & Chia, 1986**

Described from x6 *ex* three localities.

Type specimens: CAS 031667: holotype (female), USA, Washington, San Juan Islands, San Juan Island, False Bay, Mar Vista; CAS 031669: ½ of paratype (male) and 11 microscope slides of other half, USA, Washington, San Juan Islands, San Juan Island, Cattle Point; CAS 031668: 2½ paratypes (females) and 10 microscope slides of two of them, USA, Washington, San Juan Islands, San Juan Island, False Bay, Mar Vista; USNM 61274: 1 paratype (female) missing wedge and 5 microscope slides of wedge, USA, Washington, San Juan Islands, San Juan Island, False Bay, Mar Vista; RBCM 983-1578-1: 1 paratype, USA, Washington, San Juan Islands, San Juan Island, False Bay, Mar Vista; SBMNH 33890: ½ of paratype (female) and 4 microscope slides of other half, USA, Washington, San Juan Islands, San Juan Island, west side of Cattle Point, American Camp, Grandmother's Cove

Synonymy: *Epiactis lisbethae* Fautin & Chia, 1986 [Ref. 347], p. 1665–1670, 1673 (original description).

listeri, *Bunodes* Johnson, 1861

Valid name: ***Anthopleura ballii* (Cocks, 1851)**

Described from unspecified number.

Type specimens: syntypes *not found*: Atlantic Ocean, Madeira Archipelago, Madeira, near Funchal

***lobata*, *Actinothoe* (Carlgren, 1899)**

Synonymy: *Sagartia lobata* Carlgren, 1899 [Ref. 148], p. 36–37 (original description).

=? *Metridium parvulum* McMurrich, 1904 [Ref. 391], p. 276–278 (original description).

Actinothoë lobata (Carlgren 1899): Carlgren, 1949 [Ref. 31], p. 103.

=? *Metridium senile lobatum* (Carlgren, 1899): Riemann-Zürneck, 1975 [Ref. 427], p. 88–94.

Actinothoe lobata (Carlgren, 1899): Häussermann & Försterra, 2005 [Ref. 5503], p. 95, 99.

lobata, *Isactinia* Carlgren, 1950

Valid name: ***Isactinia citrina* (Haddon & Shackleton, 1893)**

Described from x1.

Type specimen: BMNH 1954.6.28.18: holotype, Australia, Queensland, Great Barrier Reef, Low Isles (Great Barrier Reef Expedition 1928–29)

lobata, *Sagartia* Carlgren, 1899

Valid name: ***Actinothoe lobata* (Carlgren, 1899)**

Described from x1.

Type specimen: MZL 335: holotype, Chile, Talcahuano

lobatus, *Radianthus* Kwietniewski, 1898

Valid name: ***Heteractis crispa* (Hemprich & Ehrenberg in Ehrenberg, 1834)**

Described from x1.

Type specimen: PMJ 69: holotype, Indonesia, Moluccas Islands, Ambon [Amboina]

lofotensis, *Madoniactis* Danielssen, 1890

Type species of *Madoniactis* by monotypy.

Valid names used: *Urticina felina* (Linnaeus, 1761); *Urticina lofotensis* (Danielssen, 1890)

Described from unspecified number. Lectotype designated by Carlgren (1902).

Type specimens: MZB 39202: lectotype Norway, Lofoten, Saltstrømmen; MZB 2354: 12 paralectotypes, Norway, Lofoten, Saltstrømmen; MZB 8212: 2 paralectotypes, Norway, Lofoten, Saltstrømmen

Comment: Paralectotype lots contain specimens of at least two other species.

lofotensis, *Urticina* (Danielssen, 1890)

Synonymy: =? *Bolocera eques* Gosse, 1860 [Ref. 356], p. 351–353 (original description).

=? *Rhodactinia Davisii* Agassiz: Verrill, 1864 [Ref. 455], p. 18–20.

=? *Bulocera* [*sic*] *eques* Gosse: Norman, 1869 [Ref. 1142], p. 318.

Madoniactis lofotensis Danielssen, 1890 [Ref. 321], p. 47–50 (original description).

Tealia lofotensis (Dan. pro parte): Carlgren, 1902 [Ref. 154], p. 42–43.

[*pro parte*] *Rhodactinia crassicornis* (O. F. Müller): Walton, 1908 [Ref. 265], p. 218–219.

=? *Urticina felina lofotensis* [no author]: Carlgren, 1921 [Ref. 196], p. 162–170.

Tealia felina lofotensis (Danielssen): Stephenson, 1928 [Ref. 504], p. 110.

Tealia felina Lofotensis Dan.: Collings, 1938 [Ref. 1351], p. 26.

Urticina lofotensis (Danielssen, 1890): Wedi & Dunn, 1983 [Ref. 5979], p. 458–470.

loisetteae, *Stylobates* Fautin, 1987

Described from x18 ex five localities.

Type specimens: WAM Z875: holotype and 10 microscope slides, Australia, Western Australia, NW of Port Hedland (*Soela* 02/82 sta. 46); AM G 15227: 5 paratypes, Australia, Western Australia, Rowley Shoals, SW of Imperieuse Reef (sta. COR/83/02); CAS 052763: 3 paratypes, Australia, Western Australia, NW of Port Hedland; CAS 052762: 6 paratypes and six microscope slides, Australia, Western Australia, Rowley Shoals, SW of Imperieuse Reef (sta. COR/83/04); WAM Z876: 2 paratypes and 10 microscope slides of smaller specimen, Australia, Western Australia, Rowley Shoals, SW of Imperieuse Reef (sta. COR/83/04); WAM Z877: 1 paratype and 7 microscope slides of it, Australia, Western Australia, NW of Port Hedland (*Soela* 02/82 sta. 37)

Synonymy: *Stylobates loisetteae* Fautin, 1987 [Ref. 348], p. 1–6 (original description).

loligo, *Actinodendron* Hemprich & Ehrenberg in Ehrenberg, 1834

Type species of *Phymanthus* by monotypy.

Valid name: *Phymanthus loligo* (Hemprich & Ehrenberg in Ehrenberg, 1834)

Described from unspecified number ex two localities.

Type specimens: MZL *no number*: 1 microscope slide of syntype, Egypt, Red Sea [Mer Rouge], Tor [Tur, El-Tur, El Tûr]; syntypes *not found*: Egypt, Red Sea [Mer Rouge], Ras Kafil [Ras el Kafil]

loligo, *Phymanthus* (Hemprich & Ehrenberg in Ehrenberg, 1834)

Synonymy: *Actinodendron Loligo* Hemprich & Ehrenberg in Ehrenberg, 1834 [Ref. 58], p. 265–266 (original description).

Phymanthus loligo [no author]: Milne Edwards & Haime, 1851 [Ref. 162], p. 11.

Phymanthus Loligo Ehrbg.: Carlgren, 1899 [Ref. 152], p. 14.

Phymanthus [*sic*] *Loligo* (d'ap. Klunzinger): Delage & Hérouard, 1901 [Ref. 66], p. 538.

longa, *Sagartia* Verrill, 1928

Valid name: *Telmatactis decora* (Hemprich & Ehrenberg in Ehrenberg, 1834)

Described from holotype, unspecified number of paratypes

Type specimens: BPBM D112: holotype, Kiribati [Phoenix Islands], Line Islands, Christmas Island; paratypes *not found*: USA, Hawaiian Islands, Oahu

***longicornis*, *Actinauge* (Verrill, 1882)**

Synonymy: *Urticina longicornis* Verrill, 1882 [Ref. 466], p. 222–223 (original description).

Actinauge longicornis Verrill: Verrill, 1883 [Ref. 467], p. 53–54.

Actinauge longicornis caribaea Verrill, 1883 [Ref. 467], p. 55 (original description).

Chitonactis longicornis (Verrill): Haddon, 1889 [Ref. 362], p. 312, 315–316.

Hormathia longicornis (Verr.): Haddon, 1898 [Ref. 363], p. 459.

=? *Actinauge granulata* Carlgren, 1928 [Ref. 198], p. 201–203 [79–81] (original description).

longicornis caribaea, *Actinauge* Verrill, 1883

Valid name: ***Actinauge longicornis* (Verrill, 1882)**

Described from x8.

Type specimens: YPM 9398: 1 syntype, Caribbean Sea, off Grenada (Caribbean Islands Exploration (*Blake*) sta. 260); YPM 9396: 2 syntypes, Caribbean Sea, Lesser Antilles, off Barbados (Caribbean Islands Exploration (*Blake*) sta. 295); 2 syntypes *not found*: 18°20'30"N, 87°16'40"W (U.S. Fish Commission Steamer *Blake* 1880 sta. XVIII); 2 syntypes *not found*: Caribbean Sea, St. Vincent and the Grenadines [Lesser Antilles, Windward Islands], off St. Vincent (Caribbean Islands Exploration (*Blake*) sta. 269); 1 syntype *not found*: Caribbean Sea, Lesser Antilles, off Barbados (Caribbean Islands Exploration (*Blake*) sta. 296)

longicornis, *Bolocera* Carlgren, 1891

Valid names used: ***Bolocera kerguelensis* Studer, 1879; *Bolocera tuediae* (Johnston, 1832); *Liponema multicornis* (Verrill, 1880)**

Described from unspecified number.

Type specimens: syntypes *not found*: Sweden, Kattegat, Bohuslän, Gullmarfjord [Gulmarfjord]; syntypes *not found*: Skagerrak; syntypes *not found*: Sweden, west coast

Comment: Pax (1926) erroneously listed the verbatim authority on p. 4 as Steph. [Stephenson], and on p. 52 as (Carlgr.) [(Carlgren)].

***longicornis*, *Edwardsia* Carlgren, 1921**

Synonymy: *Edwardsia clavata longicornis* Carlgren, 1893 [Ref. 145], p. 12–14, 148 (original description).

Edwardsia longicornis [no author]: Carlgren, 1921 [Ref. 196], p. 31–35.

Edwardsia longicorais [*sic*] Carlgren 1921: Carlgren, 1949 [Ref. 31], p. 23.

longicornis, *Urticina* Verrill, 1882

Valid name: ***Actinauge longicornis* (Verrill, 1882)**

Described from unspecified number.

Type specimens: MCZ *no number*: 1 syntype, USA, Massachusetts, off Martha's Vineyard; YPM 9404: 3 syntypes, USA, Massachusetts, Martha's Vineyard (U.S. Fish Commission Steamer *Fish Hawk* 1881 sta. 945); YPM 9391: 1 syntype, USA, Massachusetts, south of Martha's Vineyard (U.S. Fish Commission Steamer *Fish Hawk* 1880 sta. 880); YPM 9392: 4 syntypes, USA, Massachusetts, Martha's Vineyard (U.S. Fish Commission Steamer *Fish Hawk* 1880 sta. 879); YPM 9395: 2 syntypes, USA, Massachusetts, Martha's Vineyard (U.S. Fish Commission Steamer *Fish Hawk* 1881 sta. 1033); YPM 9392: 4 syntypes, USA, Massachusetts, Martha's Vineyard (U.S. Fish Commission Steamer *Fish Hawk* 1880 sta. 895); YPM 9393: 2 syntypes, USA, Massachusetts, Martha's Vineyard (U.S. Fish Commission Steamer *Fish Hawk* 1881 sta. 1032)

longifilis, *Ilyanthopsis* Hertwig, 1888

Type species of *Ilyanthopsis* by monotypy.

Valid name: ***Condylactis gigantea* (Weinland, 1860)**

Described from x1.

Type specimen: BMNH 1889.11.25.32: holotype, Bermuda

***lophohelia*, *Phelliactis* Riemann-Zürneck, 1973**

Described from holotype, x1 paratype.

Type specimens: ZMH C7542: holotype, South Atlantic Ocean (*Walther Herwig*); ZMH C7543: 1 paratype, South Atlantic Ocean (*Walther Herwig*)

Synonymy: *Phelliactis lophohelia* Riemann-Zürneck, 1973 [Ref. 426], p. 273, 295, 319–322, 323 (original description).
Phelliactis lophohelia [*sic*] Riemann-Zürneck, 1973: Rodríguez, López-González, & Gili, 2007 [Ref. 5911], p. 1881.

Comment: Precise locality, depth, and date of collection uncertain.

***loveni*, *Edwardsiella* (Carlgren, 1892)**

Synonymy: *Milne-Edwardsia Loveni* Carlgren, 1892 [Ref. 550], p. 455, 457, 458, 460, 461 (original description). *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 12.1.

Milne-Edwardsia Loveni Carlgren, 1893 [Ref. 145], p. 17–22.

Milne-Edwardsia loveni Carlgren: Carlgren, 1896 [Ref. 735], p. 175.

Favesia [*sic*] *loveni* (Carlgr.): Carlgren, 1940 [Ref. 281], p. 7, 23–25.

Fagesia loveni Carlgren: Carlgren, 1945 [Ref. 737], p. 103–104, 156.

Edwardsiella loveni (Carlgren, 1893): Daly, 2002 [Ref. 1716], p. 215–217, 221, 223.

Milneedwardsia loveni [no author]: Daly, 2002 [Ref. 1748], p. 873.

loveni, *Milneedwardsia* Carlgren, 1892

Type species of *Fagesia* by original designation. Type species of *Milneedwardsia*, which *Fagesia* replaced: a nominal genus and the name it replaces have the same type species (International Code of Zoological Nomenclature Article 67.8).

Valid name: ***Edwardsiella loveni* (Carlgren, 1892)**

Ostensibly described from unspecified number >1.

Type specimens: NRS 5627: 50 syntypes, Sweden, Bohuslän, Väderöarne; NRS 5626: 22 syntypes, Sweden, Skagerrak, Smedjan, Vaderoarne [Vaderoarna]; NRS 5617: 6 syntypes, Sweden, Bohuslän, Väderöar, vicinity of the *Lophohelia* reef; NRS 5628: 18 syntypes, Sweden, Bohuslän, Väderöarne; NRS 5625: 24 syntypes, Sweden, Bohuslän, Väderöarne

Comment: Carlgren (1893) labeled this a new species but had described it in 1892.

***luciae*, *Austroneophellia* Zamponi, 1978**

Type species of *Austroneophellia* by original designation.

Described from x6.

Type specimens: MLP 8.502: holotype, Argentina, Santa Elena del Mar, Santa Clara del Mar; IBM C.A.8: 5 paratypes, Argentina, Santa Elena del Mar, Santa Clara del Mar

Synonymy: *Austroneophellia luciae* Zamponi, 1978 [Ref. 274], p. 21–23 (original description).

luciae, *Sagartia* Verrill, 1898

Type species of *Haliplanella* by original designation. Type species of *Jancis* by monotypy.

Valid name: ***Diadumene lineata* (Verrill, 1869)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: USA, from New Haven, Connecticut to Woods Hole ["Holl"], Massachusetts
syntypes *not found*: USA, Connecticut, near New Haven, Outer Island

lucida, *Capnea* Duchassaing & Michelotti, 1860

Valid name: ***Ragactis lucida* (Duchassaing & Michelotti, 1860)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: Caribbean Sea, Virgin Islands, St. Thomas

***lucida*, *Ragactis* (Duchassaing & Michelotti, 1860)**

Synonymy: *Capnea lucida* Duchassaing & Michelotti, 1860 [Ref. 323], p. 41 (original description).

Heteractis lucida Duch. et Mich.: Duchassaing & Michelotti, 1864 [Ref. 322], p. 29.

Heteractis Lucida [no author]: Duchassaing, 1870 [Ref. 1674], p. 20.

Ragactis lucida D. & Mich.: Andres, 1883 [Ref. 6170], p. 468.

Aiptasia lucida Duch. and Mich.: Duerden, 1897 [Ref. 55], p. 457–458.
Bartholomea pseudoheteractis Watzl, 1922 [Ref. 479], p. 61, 65, 72, 75 (original description).
Bartholomea lucida (Pax 1910): Carlgren, 1949 [Ref. 31], p. 108.

lucifuga, *Edwardsia* Fischer, 1888

Type species of *Alfredus* by original designation.

Valid name: ***Scolanthus callimorphus* Gosse, 1853**

Described from unspecified number.

Type specimens: syntypes *not found*: France, Côtes-du-Nord, Brihat Island

luetkenii, *Edwardsia* Andres, 1883

Valid name: ***Halcampa duodecimcirrata* (Sars, 1851)**

Described from x2.

Type specimens: syntypes *not found*: Denmark, off Hellebæk

Comment: For two specimens Lütken (1861) identified as *Edwardsia duodecimcirrata*. Because Andres was naming only those specimens, not the entire species, not a *nomen novum* (as Andres termed it) in sense of the International Code of Zoological Nomenclature.

mcmurrici, *Bolocera* Kwietniewski, 1898

Type species of *Boloceroides* by original designation.

Valid names used: ***Boloceroides hermaphroditica* Carlgren, 1900; *Boloceroides mcmurrici* (Kwietniewski, 1898)**

Described from unspecified number (inferred x1).

Type specimen: PMJ 74: holotype, Indonesia, Moluccas Islands, Ambon [Amboina]; MZL *no number*: 1 microscope slide of holotype, Indonesia, Moluccas Islands, Ambon [Amboina]

mcmurrici, *Saccactis* Lager, 1911

Type species of *Saccactis* by subsequent designation (Riemann-Zürneck & Gallardo, 1990).

Valid name: ***Oulactis mcmurrici* (Lager, 1911)**

Described from numerous specimens.

Type specimens: MNB 5440: 11½ syntypes, Australia, Western Australia, Bunbury Bay, north [and east, according to museum label] of Casuarina Point, Hamburger südwest-australischen Forschungsreise 1905 sta. 55; NRS 4267: 4 syntypes, Australia, Western Australia, Bunbury Bay, north [and east, according to museum label] of Casuarina Point, Hamburger südwest-australischen Forschungsreise 1905 sta. 55; WAM Z886: 1 syntype, Australia, Western Australia, Bunbury Bay, north [and east, according to museum label] of Casuarina Point, Hamburger südwest-australischen Forschungsreise 1905 sta. 55; ZMH C5321: 15+ syntypes, Australia, Western Australia, Bunbury Bay, north [and east, according to museum label] of Casuarina Point, Hamburger südwest-australischen Forschungsreise 1905 sta. 55

mcmurrici, *Anthopleura* Wassilieff, 1908

Valid name: ***Anthopleura japonica* Verrill, 1899**

Described from x1.

Type specimen: ZSM 169: holotype, Japan, Honshu, Sagami Bay, Enoshima

***mcmurrici*, *Boloceroides* (Kwietniewski, 1898)**

Synonymy: *Bolocera mc murrichi* Kwietniewski, 1898 [Ref. 125], p. 387, 389, 394–395 (original description).

Boloceroides McMurrichi (Kwietn.) Carlgr.: Carlgren, 1899 [Ref. 149], p. 43–44.

Boloceroides mc. murrichi (Kwietn.): Carlgren, 1900 [Ref. 195], p. 16–18 [36–38].

Boloceroides hermaphroditica Carlgren, 1900 [Ref. 195], p. 18–19 [38–39] (original description).

Boloceroides macmurrichi [no author]: McMurrich, 1904 [Ref. 391], p. 220.

Boloceroides Mc Murrichi (Kwietn.) Carlgr.: Lager, 1911 [Ref. 127], p. 216–217.

Boloceroides mcmurrici Kwietn.: Stephenson, 1922 [Ref. 451], p. 263.

Boloceroides mc murrichi [no author]: Carlgren, 1924 [Ref. 209], p. 1–20.

[*pro parte*] *Gonactinia* sp.: Okada, 1926 [Ref. 693], p. 482–486.

Nectothela lilae Verrill, 1928 [Ref. 263], p. 4, 11, 14 (original description).
[*pro parte*] *Bolocerooides* sp.: Carlgren, 1929 [Ref. 1091], p. 530.
=? *Boloceractis gopalai* Panikkar, 1937 [Ref. 178], p. 76, 77–84, 86, 88 (original description).

Bolocerooides hermafroditica Carlgren: Carlgren, 1940 [Ref. 281], p. 7, 29, 30.
Bolocerooides liliae (Verrill 1928): Carlgren, 1949 [Ref. 31], p. 40.
Bolocerooides lilae [no author]: Reed, 1971 [Ref. 5058], p. 45, 49.
Bolocera mcmurrichi (Kwietniewski, 1898): Fautin, 1988 [Ref. 350], p. 25.
Bolocerooides hermaphroditica [*sic*] [no author]: den Hartog, 1997 [Ref. 759], p. 358.

***mcmurrichi*, *Edwardsia* Daly & Ljubenkov, 2008**

Described from holotype.

Type specimen: CAS 175329: holotype, USA, California,

Synonymy: *Edwardsia mcmurrichi* Daly & Ljubenkov, 2008 [Ref. 5980], p. 1, 3, 6, 10–13, 17, 18, 22, 24 (original description).

Comment: See Daly & Ljubenkov (2009) [Ref. 6227] for correction.

***mcmurrichi*, *Oulactis* (Lager, 1911)**

Synonymy: *Saccactis Mc Murrichi* Lager, 1911 [Ref. 127], p. 220–223 (original description).

Saccactis australis Lager, 1911 [Ref. 127], p. 223–225 (original description).

Saccactis musculosa Lager, 1911 [Ref. 127], p. 225–226 (original description).

Cradactis australis Lager: Stephenson, 1922 [Ref. 451], p. 284.

Cradactis mcmurrichi Lager: Stephenson, 1922 [Ref. 451], p. 284.

Cradactis musculosa Lager: Stephenson, 1922 [Ref. 451], p. 284.

Saccactis mc murrichi Lager: Carlgren, 1945 [Ref. 282], p. 8–9.

Oulactis mcmurrichi (Lager 1911): Carlgren, 1949 [Ref. 31], p. 52.

Oulactis australis (Lager 1911): Carlgren, 1949 [Ref. 31], p. 52.

Oulactis musculosa (Lager 1911): Carlgren, 1949 [Ref. 31], p. 52.

Oulactis mc murrichi (Lager): Carlgren, 1954 [Ref. 308], p. 572–574.

Oulactis macmurrichi [*sic*] Lager: Thomas & Shepherd, 1982 [Ref. 1193], p. 167.

Saccactis mcmurrichi Lager, 1911: Riemann-Zürneck & Gallardo, 1990 [Ref. 437], p. 446.

***mcpeaki*, *Urticina* Hauswaldt & Pearson, 1999**

Described from holotype, x9 paratypes.

Type specimens: CAS 114595: holotype, USA, California, San Diego, Point Loma; CAS 114596: 1 paratype, USA, California, San Diego, Point Loma; CAS 114597: 1 paratype, USA, California, San Diego, Point Loma; USNM 99971: 1 paratype, USA, California, San Diego, Point Loma; USNM 99972: 1 paratype, USA, California, San Diego, Point Loma; RBCM 998-222-1: 1 paratype, Mexico, Baja California del Norte, Islas Coronados [Coronado Islands], South Coronados Island; RBCM 998-221-1: 1 paratype, USA, California, San Diego, Point Loma; SBMNH 145138: 1 paratype, USA, California, San Diego, Point Loma; SBMNH 145139: 1 paratype, USA, California, San Diego, Point Loma; KU 001041: 1 paratype, USA, California, San Diego, Point Loma

Synonymy: *Urticina mcpeaki* Hauswaldt & Pearson, 1999 [Ref. 784], p. 653–657 (original description).

mabrucki, *Helianthopsis* Carlgren, 1900

Valid name: *Heteractis magnifica* (Quoy & Gaimard, 1833)

Described from x2.

Type specimens: ZMH C2647: 2? syntypes, East Africa, Tanzania, Zanzibar, Kokotoni

macloviana, *Actinia* Lesson, 1830

Valid name: *Urticina maclovianus* (Lesson, 1830) new combination

Described from unspecified number >1.

Type specimens: syntypes *not found*: South Atlantic Ocean, Falkland Islands [Malouines], Soledad Island, Baie Française, l'îlot aux Pingoins

***macloviana*, *Urticina* (Lesson, 1830) new combination**

Synonymy: *Actinia macloviana* Lesson, 1830 [Ref. 123], p. 79 (original description).

Cribrina Macloviana Ehrenb.: Brandt, 1835 [Ref. 65], p. 15.

Cereus maclovianus [no author]: Milne Edwards, 1857 [Ref. 508], p. 273.

Bunodes maclovianus Less.: Andres, 1883 [Ref. 6170], p. 433–434.

Urticina macloviana (Lesson, 1830): new combination herein

***macmurrichi*, *Halcurias* unavailable**

Described after 1999 and no repository for holotype fixed by Uchida, 2004 [Ref. 5647], p. 20: therefore unavailable according to International Code of Zoological Nomenclature Article 16.4.2. Not a *nomen novem* in the sense of International Code of Zoological Nomenclature so not subject to its Article 16.4.2.

***macroactyla*, *Halcampoides* Pax, 1922**

Valid names used: ***Halcampoides abyssorum* Danielssen, 1890; *Halcampoides purpureus* (Studer, 1879)**

Described from unspecified number (inferred x1).

Type specimen: MNHN 2384: holotype, Antarctica, South Shetland Islands, King George's Island (*Pourquoi Pas* sta. XVII)

***macroactylum*, *Discosoma* Haddon & Shackleton, 1893**

Valid name: ***Heteractis crispa* (Hemprich & Ehrenberg in Ehrenberg, 1834)**

Described from x1: description refers to "single specimen" but more than one found.

Type specimens: MZC I.33760: 3 syntypes, Australia, Queensland, Torres Strait, Murray Islands, Mer [Maer] Island

***maculata*, *Actinia* Adams, 1800**

Valid name: ***Adamsia palliata* (Fabricius, 1779)**

Described from unspecified number.

Type specimens: syntypes *not found*: UK, Wales, Pembrokeshire, Milford Haven

***maculata*, *Cnidanthea* Carlgren, 1959**

Type species of *Cnidanthea* by monotypy.

Described from x2.

Type specimens: NRS 3959: 2 syntypes, Peru, Pisco (Lund University Chile Expedition 1948–49)

Synonymy: *Cnidanthea maculata* Carlgren, 1959 [Ref. 309], p. 36 (original description).

***maculosa*, *Aulactinia* (Carlgren, 1954) new combination**

Synonymy: *Bunodactis maculosa* Carlgren, 1954 [Ref. 308], p. 577–578 (original description).

Aulactinia maculosa (Carlgren, 1954): new combination herein.

***maculosa*, *Bunodactis* Carlgren, 1954**

Valid name: ***Aulactinia maculosa* (Carlgren, 1954) new combination**

Described from x2.

Type specimens: WAM Z888: 2 syntypes, Australia, Western Australia, Mangles Bay, Point Peron

***madrynensis*, *Isophellia* Zamponi & Acuña, 1992**

Described from holotype, x6 paratypes.

Type specimens: MLP 8510: holotype, Argentina, Chubut Province, Puerto Madryn; FCEN C.A. 14: 6 paratypes, Argentina, Chubut Province, Puerto Madryn

Synonymy: *Isophellia madrynensis* Zamponi & Acuña, 1992 [Ref. 277], p. 48–50 (original description).

***magellanicus*, *Condylanthus* Carlgren, 1899**

Type species of *Condylanthus* by monotypy.

Described from x3 *ex* two localities.

Type specimens: NRS 1166: 1 syntype, Chile, Straits of Magellan [Magelhaensstrasse]; NRS 1167: 2 syntypes, South America, Straits of Magellan, Cap de las Virgines; MZL *no number*: 1 microscope slide of syntype, South America, Straits of Magellan, Cap de las Virgines
Synonymy: *Condylanthus magellanicus* Carlgren, 1899 [Ref. 148], p. 15–16 (original description).

magna, *Chondrodactis* Wassilieff, 1908

Valid name: ***Phelliactis magna* (Wassilieff, 1908)**

Described from x1.

Type specimen: ZSM 178: holotype, Japan, Hokkaido, Taraku Island, near Nemuro

magna, *Cradactis* Stuckey, 1909

Type species of *Isocradactis* by monotypy.

Valid name: ***Oulactis magna* (Stuckey, 1909)**

Described from x1 preserved specimen. Later saw x4 (alive) *ex* unspecified locality.

Type specimen: holotype *not found*: New Zealand, North Island, Plimmerton

***magna*, *Oulactis* (Stuckey, 1909)**

Synonymy: *Cradactis magna* Stuckey, 1909 [Ref. 244], p. 394 (original description).

=? *Tealidium cinctum* Stuckey, 1909 [Ref. 244], p. 389–390 (original description).

Isocradactis magna (Stuckey): Carlgren, 1924 [Ref. 208], p. 213–216.

Oulactis magna (Stuckey, 1909): Häussermann, 2003 [Ref. 1881], p. 180, 181, 183, 192, 194–198, 201.

***magna*, *Phelliactis* (Wassilieff, 1908)**

Synonymy: *Chondrodactis magna* Wassilieff, 1908 [Ref. 478], p. 36–37 (original description).

Phelliactis magna (Wassilieff 1908): Carlgren, 1949 [Ref. 31], p. 97.

magnifica, *Actinia* Quoy & Gaimard, 1833

Valid name: ***Heteractis magnifica* (Quoy & Gaimard, 1833)**

Described from unspecified number.

Type specimens: syntypes *not found*: Solomon Islands, Santa Cruz Islands, Vanikoro

magnifica, *Anemonactis* Andres, 1881

Type species of *Anemonactis* by monotypy. Carlgren (1949) stated it was *Ilyanthus mazeli* Jourdan, 1880, senior subjective synonym of *A. magnifica*.

Valid name: ***Anemonactis mazeli* (Jourdan, 1880)**

Described from unspecified number. Varieties *rubra* and *flava*.

Type specimens: syntypes *not found*: Italy, Naples, S. Petri

***magnifica*, *Heteractis* (Quoy & Gaimard, 1833)**

Synonymy: *Actinia magnifica* Quoy et Gaimard: de Blainville, 1830 [Ref. 94], p. 293. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 12.1.

Actinia magnifica Quoy & Gaimard, 1833 [ref. 194], p. 140–141 (original description)

Corynactis magnifica [no author]: Milne Edwards, 1857 [Ref. 508], p. 259.

Ropalactis magnifica Q. & Gaim.: Andres, 1883 [Ref. 6170], p. 467.

Helianthopsis ritteri Kwietniewski, 1898 [Ref. 125], p. 387, 417–419 (original description).

Helianthopsis Ritteri Kwietn.: Carlgren, 1900 [Ref. 195], p. 81–82 [101–102].

Helianthopsis Mabrucki Carlgren, 1900 [Ref. 195], p. 82–83 [102–103] (original description).

Radianthus mabrucki Carlgr.: Stephenson, 1922 [Ref. 451], p. 299.

Antheopsis ritteri Kwiet.: Stephenson, 1922 [Ref. 451], p. 300.

Actinia paumatensis [*sic*] Drayton: Verrill, 1928 [Ref. 263], p. 12.

[*pro parte*] *Anemone* 4 Verwey, 1930 [Ref. 1834], p. 313–314.

Radianthus ritteri (Kwietniewski 1897): Carlgren, 1949 [Ref. 31], p. 74.

[*pro parte*] *Radianthus paumotensis* [no author]: Friese, 1972 [Ref. 5059], p. 76.

Radianthus malu [no author]: Allen, 1978 [Ref. 5105], p. 13, 55, 56, 69, 70, 75, 80, 81, 96.

Heteractis magnifica (Quoy & Gaimard, 1833): Dunn, 1981 [Ref. 325], p. 3–6, 27, 39–48, 103, 106–108.

Heteractis ritteri (Kwietniewski, 1897): Cutress & Arneson, 1987 [Ref. 317], p. 54, 55, 57, 59.

Radianthus magnifica (Quoy & Gaimard, 1833): England, 1987 [Ref. 63], p. 208.

malayensis, *Antheopsis* England, 1987

Valid name: ***Heteractis malayensis* (England, 1987)** new combination

Described from x8.

Type specimens: BMNH 1984.2.9.1: holotype, Malaysia, Pahang, Pulau Tioman; BMNH 1984.2.9.2-8: 7? paratypes, Malaysia, Pahang, Pulau Tioman

***malayensis*, *Heteractis* (England, 1987)** new combination

Synonymy: *Antheopsis malayensis* England, 1987 [Ref. 63], p. 206, 274–276 (original description).

Heteractis malayensis (England, 1987): new combination herein.

***maliformis*, *Pycnanthus* McMurrich, 1893**

Type species of *Pycnanthus* by monotypy.

Described from x14 ("No. 728").

Type specimens: USNM 17800: 9 syntypes, USA, California, north of Channel Islands, San Clemente Island (U.S. Fish Commission Steamer *Albatross* 1888 sta. 2839); NRS 4263: 1 syntype, USA, California, north of Channel Islands, San Clemente Island (U.S. Fish Commission Steamer *Albatross* 1888 sta. 2839)

Synonymy: *Pycnanthus maliformis* McMurrich, 1893 [Ref. 386], p. 172–174, 206 (original description).

Cymbactis maliformis McMurrich, 1893: Stephenson, 1920 [Ref. 449], p. 552.

malu, *Discosoma* Haddon & Shackleton, 1893

Valid name: ***Heteractis malu* (Haddon & Shackleton, 1893)**

Described from x1.

Type specimen: MZC I.33765: holotype, Australia, Queensland, Torres Strait, Murray Islands, Mer [Maer] Island; MZL no number: 2 microscope slides of holotype, Australia, Queensland, Torres Strait, Murray Islands, Mer [Maer] Island

***malu*, *Heteractis* (Haddon & Shackleton, 1893)**

Synonymy: *Discosoma Malu* Haddon & Shackleton, 1893 [Ref. 364], p. 117, 120 (original description).

Radianthus Malu (H. & S.): Haddon, 1898 [Ref. 363], p. 398, 471–472.

Stichodactis papillosa Kwietniewski, 1898 [Ref. 125], p. 387, 415–417 (original description).

Antheopsis concinnata Lager, 1911 [Ref. 127], p. 244–245 (original description).

Stichodactis glandulosa Lager, 1911 [Ref. 127], p. 246–247 (original description).

Stichodactis Kwietniewskii Lager, 1911 [Ref. 127], p. 247–248 (original description).

Antheopsis papillosa Kwiet.: Stephenson, 1922 [Ref. 451], p. 300.

Antheopsis malu H. and S.: Stephenson, 1922 [Ref. 451], p. 300.

Antheopsis glandulosa Lager: Stephenson, 1922 [Ref. 451], p. 300.

Antheopsis kwietniewskii Lager: Stephenson, 1922 [Ref. 451], p. 300.

Macranthea cookei Verrill, 1928 [Ref. 263], p. 4, 12–13 (original description).

Radianthus papillosa (Kwietniewski 1897): Carlgren, 1949 [Ref. 31], p. 74.

Radianthus malu (Haddon and Shackleton 1893): Carlgren, 1949 [Ref. 31], p. 74.

Radianthus glandulosa (Lager 1911): Carlgren, 1949 [Ref. 31], p. 74.

Radianthus kwietniewskii (Lager 1911): Carlgren, 1949 [Ref. 31], p. 74.

Radianthus concinnata (Lager 1911): Carlgren, 1949 [Ref. 31], p. 74.

[*non*] *Radianthus malu* (Haddon and Shackleton): Allen, 1972 [Ref. 794], p. 152, 158, 168–172, 200, 209, 254, 255, ii.

Heteractis malu (Haddon & Shackleton, 1893): Dunn, 1981 [Ref. 325], p. 35, 40, 47, 57, 66–71, 104–105, 107–108.

***mamillaris*, *Actinia* Quoy & Gaimard, 1833**

Described from unspecified number.

Type specimens: syntypes *not found*: South Atlantic Ocean, Saint Helena, Ascension Island

Synonymy: *Actinia mamillaris* Quoy & Gaimard, 1833 [Ref. 194], p. 164 (original description).

Actinia mammillaris [sic] [no author]: Andres, 1883 [Ref. 6170], p. 592. *species delendae*

***mammillata*, *Edwardsia* Bourne, 1916**

Described from unspecified number.

Type specimens: OUM 13 504: specimen(s) *not found*: New Caledonia [Nouvelle-Calédonie], Nouméa, Ile du Phare

Synonymy: *Edwardsia mammillata* Bourne, 1916 [Ref. 24], p. 515–516 (original description). *nomen dubium* according to Williams, 1981 [Ref. 491], p. 349.

Edwardsia mamillata [sic] Bourne 1916: Carlgren, 1949 [Ref. 31], p. 23.

Edwardsioides mammillata Bourne, 1916: England, 1990 [Ref. 72], p. 156–157.

Comment: See discussion of *Edwardsioides*.

***manjano*, *Anemonia* Carlgren, 1900**

Described from x3.

Type specimens: ZMH C2617: 1 syntype, East Africa, Tanzania, Zanzibar, reef between Tumbatu and the small island of Puopo; MZL *no number*: 4 microscope slides of syntype, East Africa, Tanzania, Zanzibar, reef between Tumbatu and the small island of Puopo

Synonymy: *Anemonia manjano* Carlgren, 1900 [Ref. 195], p. 41–43 [61–63] (original description).

***manni*, *Bunodactis* Verrill, 1899**

Type species of *Cladactella* by subsequent designation (Carlgren, 1949).

Valid name: ***Cladactella manni* (Verrill, 1899)**

Described from unspecified number >1. Specimen labeled in container and on catalog card as neotype. Redescription (Verrill, 1928) [Ref. 263] meets “qualifying conditions” for designating a neotype in Article 75 of International Code of Zoological Nomenclature except for 75.3.1 and 75.3.2.

Type specimen: AMNH 1493: neotype, USA, Hawaiian Islands, Kauai, Nawiliwili Bay: presumably “The best specimen seen alive” (Verrill, 1928, p. 22).

***manni*, *Cladactella* (Verrill, 1899)**

Synonymy: *Bunodactis Manni* Verrill, 1899 [Ref. 472], p. 218 (original description).

Cladactella manni Verrill: Verrill, 1928 [Ref. 263], p. 3, 22–24.

Comment: Verrill (1928) stated this to be a new species perhaps because he moved it to a genus other than that in which he had described it.

***manoloi*, *Andvakia* Lauretta, 2013**

Described from holotype, x1 paratype

Type specimens: MACN IN 39033: holotype, Argentina, Rio Negro, Punta Colorada; MLP *no number*: 1 paratype, Argentina, Rio Negro, Punta Colorada

Synonymy: *Andvakia manoloi* Lauretta, 2013 [Ref. 6242], p. 149–155, 157–158 (original description).

Comment: Description contains only undefined abbreviation of museum in which holotype is deposited. It can be inferred from author’s address, but if deemed not to meet Code Article 16.4.2, this name unavailable.

***margaritacea*, *Bathyphellia* (Danielssen, 1890)**

Synonymy: *Phellia margaritacea* Danielssen, 1890 [Ref. 321], p. 54–57 (original description).

Bathyphellia margaritacea (Dan.) Carlgren: Carlgren, 1932 [Ref. 288], p. 262.

***margaritacea*, *Korenia* Danielssen, 1890**

Type species of *Korenia* by monotypy.

Valid name: ***Amphianthus margaritaceus* (Danielssen, 1890)**

Described from x6 large and several smaller specimens *ex* three localities.

Type specimens: MZB 598: 6+ syntypes, Norwegian Sea (Norwegian North Atlantic Expedition 1876–1878 sta. 353); MZB 596: 7 syntypes, Norwegian Sea (Norwegian North Atlantic Expedition 1876–1878 sta. 53); MZB 9798: 1 syntype, Norwegian Sea (Norwegian North Atlantic Expedition 1876–

1878 sta. 353); MZB 597: 2-3 syntypes, Norwegian Sea (Norwegian North Atlantic Expedition 1876–1878 sta. 35)

margaritacea, *Phellia* Danielssen, 1890

Type species of *Bathypheilia* by monotypy.

Valid name: *Bathypheilia margaritacea* (Danielssen, 1890)

Described from several specimens *ex* three localities.

Type specimens: MZL *no number*: 5 microscope slides of syntype, 71°59'N, 11°40'E (Norwegian North Atlantic Expedition 1876–1878 sta. 295); MZB 587: 15 syntypes, Norwegian Sea (Norwegian North Atlantic Expedition 1876–1878 sta. 353); MZB 586: 8 syntypes, 71°59'N, 11°40'E (Norwegian North Atlantic Expedition 1876–1878 sta. 295); MZB 586: 8 syntypes, Norwegian Sea (Norwegian North Atlantic Expedition 1876–1878 sta. 303); NRS 5623: 1 syntype, Norwegian Sea (Norwegian North Atlantic Expedition 1876–1878 sta. 353)

margaritaceus, *Amphianthus* (Danielssen, 1890)

Synonymy: *Korenia margaritacea* Danielssen, 1890 [Ref. 321], p. 1–4 (original description).

Amphianthus margaritaceus (Dan.): Carlgren, 1928 [Ref. 201], p. 256, 257, 258, 300.

margaritae, *Hormathia* Gosse, 1859

Type species of *Hormathia* by monotypy.

Valid name: *Hormathia digitata* (Müller, 1776)

Described from x1.

Type specimen: holotype *not found*: UK, Scotland, Moray Firth, Macduff, Banff

margaritifera, *Actinia* Templeton, 1836

Valid name: *Actinia equina* (Linnaeus, 1758)

Described from unspecified number.

Type specimens: syntypes *not found*: Ireland, County Down, Copeland Isle

marginata, *Actinia* Le Sueur, 1817

Valid names used: *Metridium dianthus* (Ellis, 1767); *Metridium senile* (Linnaeus, 1761)

Described from unspecified number.

Type specimens: syntypes *not found*: USA, Massachusetts, Boston Bay

marioni, *Chitonactis* Haddon, 1889

Valid name: *Hormathia marioni* (Haddon, 1889)

Described from x1.

Type specimen: holotype *not found*: Ireland, 53 miles W. ½ S. of Dursey Head

marioni, *Hormathia* (Haddon, 1889)

Synonymy: *Chitonactis marioni* Haddon, 1889 [Ref. 362], p. 312, 313–314 (original description).

Hormathia Marioni (Hadd.): Haddon, 1898 [Ref. 363], p. 459.

Hormathia marioni Haddon, 1889: Stephenson, 1920 [Ref. 449], p. 535.

mariscali, *Anthopleura* Daly & Fautin, 2004

Described from holotype, x3 paratypes.

Type specimens: KU 001851: holotype, Ecuador, Galápagos Islands, Santa Cruz [Indefatigable] [Chaves] Island, Turtle Cove; CAS 168009: 1 paratype, Ecuador, Galápagos Islands, Santa Cruz [Indefatigable] [Chaves] Island, Turtle Cove; USNM 1019899: 1 paratype, Ecuador, Galápagos Islands, Santa Cruz [Indefatigable] [Chaves] Island, Turtle Cove; KU 001852: 1 paratype, Ecuador, Galápagos Islands, Santa Cruz [Indefatigable] [Chaves] Island, Turtle Cove

Synonymy: *Anthopleura mariscali* Daly & Fautin, 2004 [Ref. 1867], p. 1–8 (original description).

marmorata, *Calliactis* Studer, 1879

Described from unspecified number.

Type specimens: MNB 1668: 2 syntypes, Australia, Western Australia, Mermaid Strait [Meermaidsstrasse]

Synonymy: *Calliactis marmorata* Studer, 1879 [Ref. 262], p. 543 (original description).

***maroccana, Edwardsia* Carlgren, 1931**

Described from x1.

Type specimen: holotype *not found*: Morocco

Synonymy: *Edwardsia maroccana* Carlgren, 1931 [Ref. 287], p. 15–16 (original description).

***marplatensis, Aulactinia* (Zamponi, 1977)**

Synonymy: *Bunodactis marplatensis* Zamponi, 1977 [Ref. 271], p. 151–152 (original description).

Aulactinia marplatensis (Zamponi, 1977): Acuña & Zamponi, 1995 [Ref. 4862], p. 73–77, 79–81, 83.

Aulactinia reynaudi (Milne-Edwards, 1857): Acuña & Zamponi, 1995 [Ref. 4862], p. 73–77, 79–81, 84.

Aulactinia Marplatensis [no author]: Zamponi, 2000 [Ref. 5711], p. 43, 44.

Aulactinia marplatenses [sic] (Zamponi, 1977): Rodríguez, López-González, & Gili, 2007 [Ref. 5911], p. 1879.

Aulactinia reynaudi [sic] (Milne Edwards, 1857): Rodríguez, López-González, & Gili, 2007 [Ref. 5911], p. 1879.

marplatensis, Bunodactis Zamponi, 1977

Valid name: ***Aulactinia marplatensis* (Zamponi, 1977)**

Described from holotype, x10 paratypes.

Type specimens: MLP 8.500: holotype, Argentina, Buenos Aires Province, Mar del Plata; IBM C.A.3: 1–5 paratypes, Argentina, Buenos Aires Province, Mar del Plata, Santa Elena del Mar; IBM C.A.3: 1–5 paratypes, Argentina, Buenos Aires Province, Mar del Plata, Punta Cantera; IBM C.A.3: 1–5 paratypes, Argentina, Buenos Aires Province, Mar del Plata, Playa Grande; IBM C.A.3: 1–5 paratypes, Argentina, Buenos Aires Province, Mar del Plata, Cabo Corriente; IBM C.A.3: 1–5 paratypes, Argentina, Buenos Aires Province, Mar del Plata, Punta Piedra; IBM C.A.3: 1–5 paratypes, Argentina, Buenos Aires Province, Mar del Plata, Santa Clara del Mar

***marsupialis, Epiactis* Carlgren, 1901**

Described from unspecified number.

Type specimens: NRS 5707: 6 syntypes, Russia, Siberia, Arctic Sea, 20' east off Cape Jakan (*Vega* Expedition sta. 60); NRS 5690: 1 syntype, Russia, Siberia, Arctic Sea, 20' east off Cape Jakan (*Vega* Expedition sta. 60); NRS 5689: 3? syntypes, Russia, Siberia, Arctic Sea, 20' east off Cape Jakan (*Vega* Expedition sta. 60); MZL *no number*: 4 microscope slides of syntype, Russia, Siberia, Arctic Sea, 20' east off Cape Jakan (*Vega* Expedition sta. 60)

Synonymy: *Epiactis marsupialis* Carlgren, 1901 [Ref. 604], p. 482 (original description).

***maxima, Bolocera* Carlgren, 1921**

Described from unspecified number.

Type specimens: UCMNH *no number*: 12 tentacles from 1 or more syntypes, Greenland, West Greenland, Davis Strait (Danish Ingolf Expedition sta. 37); syntypes *not found*: tentacles from 1 or more specimens, Greenland, West Greenland, Davis Strait (Danish Ingolf Expedition sta. 38);

Synonymy: *Bolocera maxima* Carlgren, 1921 [Ref. 196], p. 145 (original description).

maxima, Cymbactis Wassilieff, 1908

Valid name: ***Exocoelactis actinostoloides* (Wassilieff, 1908)**

Described from x1.

Type specimen: ZSM 175 (D 190): holotype, Japan, Honshu, Sagami Bay, Enoshima

***maxima, Halcampella* Hertwig, 1888**

Type species of ***Halcampella*** Andres, 1883: designated in Opinion 2073 of the International Commission on Zoological Nomenclature (Bulletin of Zoological Nomenclature 61(2):123: June 2004). Carlgren (1949) and Fautin *et al.* (2007) gave it as *Halcampella endromitata*, the single species originally included in genus.

Described from x6. Lectotype designated by Rodríguez & López-González (2002).

Type specimens: NRS 1160: 1 lectotype, Philippines, off Zebu (*Challenger* Expedition 1873–1876 sta. 209); NRS 5367: 6 paralectotypes, Philippines, off Zebu (*Challenger* Expedition 1873–1876 sta. 209).

Synonymy: *Halcampella maxima* Hertwig, 1888 [Ref. 382], p. 29–32 (original description).

Comment: Rodríguez & López-González (2002) stated x5 in NRS 5367.

***mazeli*, *Anemonactis* (Jourdan, 1880)**

Synonymy: *Ilyanthus mazeli* Jourdan, 1880 [Ref. 119], p. 41, 102–103 (original description).

Anemonactis magnifica Andres, 1881 [Ref. 4], p. 307, 329, 338 (original description).

Anemonactis magnifica rubra Andres, 1881 [Ref. 4], p. 329 (original description).

Anemonactis magnifica flava Andres, 1881 [Ref. 4], p. 329 (original description).

Eloactis Mazelii [sic] Jourd.: Andres, 1883 [Ref. 6170], p. 465.

Anemonactis Mazeli (Jourdan): Fischer, 1887 [Ref. 80], p. 407–408, 432.

Eloactis Mazeli Jourdan: Garstang, 1892 [Ref. 90], p. 380–381.

Ilyanthus Mazeli [no author]: McMurrich, 1893 [Ref. 386], p. 134, 142.

Halcampella minuta Wassilieff, 1908 [Ref. 478], p. 7–8 (original description).

Eloactis mazeli Jourdan: Walton & Rees, 1913 [Ref. 266], p. 68–69.

Eloactis mazelii [sic] (Jourd.) Andr.: Carlgren, 1921 [Ref. 196], p. 111–115.

Anemonactis mazelii [sic] (Jourdan): Carlgren, 1945 [Ref. 737], p. 111, 156.

Haloclava minuta (Wassilieff 1908): Carlgren, 1949 [Ref. 31], p. 30.

Anemonactis mazeli (Jourd.): Pax & Mueller, 1953 [Ref. 1133], p. 11, 14, 22.

Haloclava minutus [sic] Wassilieff: Pei, 1998 [Ref. 765], p. 75–76, 228.

mazeli, *Ilyanthus* Jourdan, 1880

Type species of *Eloactis* by subsequent designation (Haddon, 1898). Carlgren (1949) designated it as type species of *Anemonactis*: although *Ilyanthus mazeli* not originally included in genus as required (International Code of Zoological Nomenclature Article 69.2), junior subjective synonym *Anemonactis magnifica* Andres, 1881, was.

Valid name: ***Anemonactis mazeli* (Jourdan, 1880)**

Described from unspecified number.

Type specimens: syntypes *not found*: France, Mediterranean Sea, northeast Gulf of Marseilles [Golfe de Marseille]

***mediterranea*, *Actinia* Schmidt, 1971**

Described from unspecified number.

Type specimens: SMF 1958: 3 syntypes, Italy, Stromboli; SMF 1960: 7? syntypes, Italy, Stromboli; SMF 1955: 1 syntype, Italy, Naples; SMF 1957: 1 syntype, Italy, Calabria, Scilla; SMF 1959: 1 syntype, Italy, Stromboli; SMF 1961: 1 syntype, Spain, Bay of Biscay, Celorie; SMF 1956: 2 syntypes, Italy, Naples

Synonymy: [*pro parte*] *Actinia equina mediterranea* Schmidt, 1971 [Ref. 226], p. 162–167 (original description).

Actinia schmidti Monteiro, Sole-Cava, & Thorpe, 1997 [Ref. 5799], p. 425, 432 (original description).

Comment: Being of the opinion that the subspecies described by Schmidt (1971) is a full species, Monteiro *et al.* (1997) gave it a new name rather than using the subspecific name of Schmidt, thereby creating a synonym.

mediterranea, *Hormathia* Carlgren, 1935

Valid name: ***Hormathia coronata* (Gosse, 1858)**

Described from >5 (measurements of 5 given: 5½ syntypes found).

Type specimens: NRS 4014: 5½ syntypes, Italy, Gulf of Genoa

mediterranea, *Isoedwardsia* Carlgren, 1931

Valid name: ***Scolanthus callimorphus* Gosse, 1853**

Described from x3 *ex* two localities.

Type specimens: NRS 70: 2 syntypes, Italy, Sicily, Messina, near Faro; 1 syntype *not found*: Italy, Naples

***mediterranea*, *Paracalliactis* Ross & Zamponi, 1982**

Described from x23.

Type specimen: LA *no number*: holotype, France, Mediterranean Sea, Gulf of Lyon, Banyuls-sur-mer

Synonymy: *Paracalliactis mediterranea* Ross & Zamponi, 1982 [Ref. 216], p. 176–180 (original description).

***medusivora, Entacmaea* Fautin & Fitt, 1991**

Described from x8.

Type specimens: CAS 034134: ½ of holotype, Republic of Palau [Belau], Eil Malk; CAS 065158: 2 paratypes, Republic of Palau [Belau], Eil Malk; CAS 065159: 2 paratypes, Republic of Palau [Belau], Eil Malk; USNM 85232: 3 paratypes, Republic of Palau [Belau], Eil Malk

Synonymy: *Entacmaea medusivora* Fautin & Fitt, 1991 [Ref. 509], p. 454–460 (original description).

***medusoides, Bunodeopsis* (Fowler, 1888)**

Synonymy: *Thaumactis medusoides* Fowler, 1888 [Ref. 88], p. 143–148 (original description).

Thaumactis medusoides [sic] Fowler: Stephenson, 1922 [Ref. 451], p. 287.

Alicia medusoides (Fowler 1888): Carlgren, 1949 [Ref. 31], p. 44.

Bunodeopsis medusoides (Fowler 1888): Cutress, 1977 [Ref. 758], p. 133–134.

medusoides, Thaumactis Fowler, 1888

Type species of *Thaumactis* by monotypy.

Valid name: ***Bunodeopsis medusoides* (Fowler, 1888)**

Described from x3.

Type specimens: BMNH 1906.7.13.110-114: syntypes cataloged but *not found*: French Polynesia [Society Islands], Tahiti, Papeete (*Challenger* Expedition 1873–1876 no station); BMNH 1906.7.13.112: 1 microscope slide of syntype, French Polynesia [Society Islands], Tahiti, Papeete (*Challenger* Expedition 1873–1876 no station); BMNH 1906.7.13.113: 3 microscope slides of syntype, French Polynesia [Society Islands], Tahiti, Papeete (*Challenger* Expedition 1873–1876 no station); BMNH 1906.7.13.114: 1 microscope slide of syntype, French Polynesia [Society Islands], Tahiti, Papeete (*Challenger* Expedition 1873–1876 no station)

***medusophila, Halcampa* Graeffe, 1884**

Described from unspecified number: seen only in aquarium

Type specimens: syntypes *not found*: Mediterranean Sea, Adriatic Sea, Gulf of Trieste

Synonymy: *Halcampa endromitata* Andres, 1881 [Ref. 4], p. 331, 340 (original description). *nomen dubium* according to Chintiroglou *et al.* (1997) and Rodriguez & López-González (2002).

Halcampa medusophila Graeffe, 1884 [Ref. 1356], p. 335–336 (original description).

melanaster, Actinia Verrill, 1901

Valid name: ***Anemonia melanaster* (Verrill, 1901)**

Described from "several specimens".

Type specimens: syntypes *not found*: Bermuda, entrance to Flagg's Inlet

***melanaster, Anemonia* (Verrill, 1901)**

Synonymy: *Actinia melanaster* Verrill, 1901 [Ref. 475], p. 51 (original description).

Anemonia sargassensis Hargitt, 1908 [Ref. 533], p. 117–118 (original description).

Anemonia antillensis Pax, 1924 [Ref. 416], p. 94, 99–100, 119 (original description).

Pseudactinia melanaster Verrill: Cairns, den Hartog, & Arneson, 1986 [Ref. 1185], p. 176.

Anemonia melanaster (Verrill, 1907): den Hartog, 1995 [Ref. 142], p. 173.

***meridionalis, Edwardsia* Williams, 1981**

Described from holotype, x5 paratypes.

Type specimens: AM G.15050: holotype, Antarctica, McMurdo Sound, Ross Island, Cape Bird; BMNH 1978.9.1.1-2: 2 paratypes, Antarctica, McMurdo Sound, Ross Island, Cape Bird; 3 paratypes *not found*: Antarctica, McMurdo Sound, Ross Island, Cape Bird

Synonymy: [*non*] *Edwardsia intermedia* McMurrich, 1893 [Ref. 386], p. 136–137, 206 (original description).

=? *Edwardsiella intermedia* (Mc. Murr.): Carlgren, 1899 [Ref. 148], p. 6.

=? *Edwardsia intermedia* Mc Murr.: Carlgren, 1927 [Ref. 210], p. 4–6.

Edwardsia meridionalis Williams, 1981 [Ref. 491], p. 325–326, 329–339, 342–345, 347 (original description).

Edwardsioides meridionalis Williams, 1981 : England, 1987 [Ref. 63], p. 218.

***mertensii*, *Actinia* Brandt, 1835**

Described from unspecified number.

Type specimens: syntypes *not found*: Chile, Valparaiso

Synonymy: *Actinia Mertensii* Brandt, 1835 [Ref. 65], p. 13–14 (original description).

Actinia mertensii [no author]: Andres, 1883 [Ref. 6170], p. 594. *species delendae*

***mertensii*, *Stichodactyla* Brandt, 1835**

Type species of *Stichodactyla* by monotypy.

Described from unspecified number.

Type specimens: syntypes *not found*: Federated States of Micronesia, Caroline Islands, Kosrae [Kusaie] [Insulae Ualan]

Synonymy: *Stichodactyla Mertensii* Brandt, 1835 [Ref. 65], p. 16 (original description).

[*pro parte*] *Anemone* 2 Verwey, 1930 [Ref. 1834], p. 311.

Stoichactis giganteum [no author]: Mariscal, 1970 [Ref. 1292], p. 2, 5–6, 9, 13, 20, 27.

Stoichactis giganteus [no author]: Friese, 1972 [Ref. 5059], p. 76.

Stichodactyla mertensii Brandt: Dunn, 1981 [Ref. 325], p. 5, 56, 62, 90, 95, 99–105, 107.

Stichodactyla meretensii [*sic*] Brandt, 1835: Dunn, 1985 [Ref. 345], p. 280.

mesembryanthemum prasina, *Actinia* Gosse, 1860

Valid name: ***Actinia prasina* Gosse, 1860**

Described from unspecified number.

Type specimens: *none known*

Comment: x5 specimens in BMNH 1986.12.17.1-5 *ex* UK, Isle of Man, Fleshwick Bay labeled neotypes are not. Sole-Cava & Thorpe (1987: 228) stated "we have deposited neotype specimens ... consist[ing] of a designated holotype (Specimen No. 1986.12.17.1) and 4 paratypes (Specimens 1986.12.17.2-5)." Both are impossible: holotype and paratypes must be fixed "when the nominal taxon is established" and a neotype is a "single specimen" (International Code of Zoological Nomenclature Glossary). Further, Sole-Cava & Thorpe (1987) did not meet the conditions for designating a neotype (International Code of Zoological Nomenclature Article 75.3).

mesembryanthemum, *Actinia* Ellis & Solander, 1786

Valid name: ***Actinia equina* (Linnaeus, 1758)**

Described from unspecified large number.

Type specimens: syntypes *not found*: UK, England, Sussex, east of Brighthelmstone

mexicana, *Bunodactis* Carlgren, 1951

Valid name: ***Anthopleura dowii* Verrill, 1869**

Described from x2.

Type specimens: USNM 49451: 2 syntypes, Mexico, Sonora, Gulf of California, San Carlos Bay

***michaelsarsi*, *Actinernus* Carlgren, 1918**

Described from x1.

Type specimen: MZB 36506: holotype, 45°26'N, 9°20'W (Michael Sars North Atlantic Deep-Sea Expedition 1910 sta. 10)

Synonymy: *Actinernus michaelsarsi* Carlgren, 1918 [Ref. 158], p. 33–34 (original description).

***michaelsarsi*, *Amphianthus* Carlgren, 1934**

Described from x10.

Type specimens: MZB 39191: 10 syntypes, 34°59'N, 33°1'W (Michael Sars North Atlantic Deep-Sea Expedition 1910 sta. 53)

Synonymy: *Amphianthus michaelsarsi* Carlgren, 1934 [Ref. 290], p. 12–13 (original description).

***michaelsarsi*, *Paracalliactis* Carlgren, 1928**

Described from unspecified number (inferred x1), said to be *ex* Michael Sars Expedition 1910 station 10 but published coordinates disagree with those for that station

Type specimen: MZB 36503: holotype, 45°26'N, 9°20'W (Michael Sars North Atlantic Deep-Sea Expedition 1910 sta. 10); MZL *no number*: 7 microscope slides of holotype, 45°26'N, 9°20'W (Michael Sars North Atlantic Deep-Sea Expedition 1910 sta. 10)

Synonymy: *Paracalliactis michaelsarsi* Carlgren, 1928 [Ref. 200], p. 172 (original description).

***michaelsarsi*, *Paraphelliactis* Carlgren, 1934**

Described from x2.

Type specimens: MZB 39199: 2 syntypes, 27°27'N, 14°52'W (Michael Sars North Atlantic Deep-Sea Expedition 1910 sta. 35)

Synonymy: *Paraphelliactis michaelsarsi* Carlgren, 1934 [Ref. 290], p. 13–14 (original description).

Phelliactis michaelsarsi (Carlgren 1934): Riemann-Zürneck, 1973 [Ref. 426], p. 294, 295, 312.

***michaelseni*, *Anthopleura* (Pax, 1920)**

Synonymy: [*pro parte*] *Actinioides angrae pequenae* Pax, 1907 [Ref. 402], p. 17, 79–83 (original description).

[*pro parte*] *Phymactis capensis* Less.: Pax, 1908 [Ref. 403], p. 485–488 [283–286], 497 [295], 500 [298].

Bunodactis michaelseni Pax, 1920 [Ref. 412], p. 31–33 (original description).

[*non*] *Bunodactis michaelseni* Pax: Pax, 1926 [Ref. 404], p. 4, 5, 21, 22–23, 24, 25, 26.

[*pro parte*] *Bunodactis gigas* Pax, 1926 [Ref. 404], p. 23–25, 26 (original description).

Anthopleura michaelseni (Pax): Carlgren, 1938 [Ref. 283], p. 44, 45–49.

michaelseni, *Bunodactis* Pax, 1920

Valid names used: ***Anthopleura michaelseni* (Pax, 1920)**; ***Aulactinia reynaudi* (Milne Edwards, 1857)**

Described from x36.

Type specimens: MNB 7168: 1 syntype, Namibia, Lüderitz Bay; NRS 5691: 1 syntype, Namibia, Lüderitz Bay; ZMH C5686: 36½ syntypes, Namibia, Lüderitz Bay

microps, *Halcampa* Gosse, 1858

Valid name: ***Edwardsiella carnea* (Gosse, 1856)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: UK, England, Devon, Oddicombe

midori, *Anthopleura* Uchida & Muramatsu, 1958

New name created unnecessarily for *Anthopleura fuscoviridis* Carlgren, 1949, as explained by England (1992: 62–63).

Valid name: ***Anthopleura fuscoviridis* Carlgren, 1949**

Described from unspecified number.

Type specimens: syntypes *not found*: Japan

Comment: Not a replacement name in sense of International Code of Zoological Nomenclature Article 60. An unnecessary substitute name available nonetheless (International Code of Zoological Nomenclature Article 10.6).

***mielchei*, *Daontesia* Carlgren, 1956**

Described from x1.

Type specimen: UCMNH *no number*: holotype, 5°26'S, 130°58'E (*Galathea* Expedition sta. 495)

Synonymy: *Daontesia mielchei* Carlgren, 1956 [Ref. 310], p. 15–16 (original description).

***millardae*, *Preactis* England in England & Robson, 1984**

Type species of *Preactis* by original designation.

Described from holotype, x3 paratypes.

Type specimens: SAM H1677: holotype, South Africa, near Hermanus, Onrus; BMNH *no number*: 40 microscope slides of holotype (SAM 1677); SAM H2822: 1 paratype, South Africa, Cape Peninsula, Oudekraal [Oude Kraal]; BMNH *no number*: 35 microscope slides of paratype SAM 2822; BMNH 1983.4.27.1: 1 paratype, South Africa, South Africa, Cape Peninsula, Oudekraal [Oude Kraal]; CAS 034038: 1 paratype, South Africa, South Africa, Cape Peninsula, Oudekraal [Oude Kraal]

Synonymy: *Preactis millardae* England in England & Robson, 1984 [Ref. 61], p. 316–328 (original description).

***milmani*, *Actinothoe* (Haddon & Shackleton, 1893)**

Synonymy: *Thoe* (?) *Milmani* Haddon & Shackleton, 1893 [Ref. 364], p. 117, 130 (original description).

Thoe (?) *Milmani* [*sic*] Haddon & Shackleton: Carlgren, 1896 [Ref. 735], p. 175.

Sagartia Milmani (H. & S.): Haddon, 1898 [Ref. 363], p. 398, 449–450.

Actinothoë Milmani Haddon and Shackleton 1893: Carlgren, 1949 [Ref. 31], p. 103.

milmani, *Thoe* Haddon & Shackleton, 1893

Valid name: ***Actinothoe milmani* (Haddon & Shackleton, 1893)**

Described from unspecified number.

Type specimen: MZC *no number*: 1 syntype, Australia, Queensland, Cape York, Albany Pass

milneedwardsii, *Anemonia* Andres, 1883

Valid name: ***Anemonia clavata* (Milne Edwards, 1857)**

Type specimens of a *nomen novum* are those of the species whose name is replaced (International Code of Zoological Nomenclature Article 72.7).

Comments: Labeled n. n. (*nomen novum*) for *Ceratactis clavata*: Andres did not provide a reason for creating name, discussing generic placement of species, so, by current practice, he should have transferred the species to *Anemonia*. Not a replacement name in sense of International Code of Zoological Nomenclature Article 60. An unnecessary substitute name available nonetheless (International Code of Zoological Nomenclature Article 10.6).

***mimosa*, *Aiptasia* (Duchassaing & Michelotti, 1864)**

Synonymy: *Dysactis mimosa* Duchassaing & Michelotti, 1864 [Ref. 322], p. 29 (original description).

Disactis [*sic*] *Mimosa* [no author]: Duchassaing, 1870 [Ref. 1674], p. 20.

Aiptasia mimosa D. & Mich.: Andres, 1883 [Ref. 6170], p. 391–392.

mimosa, *Dysactis* Duchassaing & Michelotti, 1864

Valid name: ***Aiptasia mimosa* (Duchassaing & Michelotti, 1864)**

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, Virgin Islands, St. Thomas

miniata, *Actinia* Gosse, 1853

Not type species of *Sagartia* as stated by Stephenson (1920), and as stated by Haddon (1889) to have been intended by Gosse.

Valid name: ***Sagartia elegans* (Dalyell, 1848)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: UK, England, off Weymouth

minima, *Aiptasia* Stephenson, 1918

Type species of *Aiptasiomorpha* by subsequent designation (Carlgren, 1949).

Valid name: ***Aiptasiomorpha minima* (Stephenson, 1918)**

Described from x14 "small specimens".

Type specimens: BMNH 1918.5.12.21: 6 syntypes, New Zealand, North Island, Bay of Islands; BMNH 1918.8.16.11: 11 microscope slides of syntypes, New Zealand, North Island, Bay of Islands

***minima*, *Aiptasiomorpha* (Stephenson, 1918)**

Synonymy: *Aiptasia minima* Stephenson, 1918 [Ref. 448], p. 49–51, 53 (original description).

Aiptasiomorpha minima Stephenson, 1918: Stephenson, 1920 [Ref. 449], p. 531.

Diadumene minima (Stephs.): Carlgren, 1924 [Ref. 208], p. 243–245.

Aiptasiomorpha [sic] minima Stephenson, 1918: Parry, 1951 [Ref. 181], p. 89.

***minima, Anthopleura* (Stuckey & Walton, 1910)**

Synonymy: *Bunodes minima* Stuckey & Walton, 1910 [Ref. 245], p. 543 (original description).

Bunodactis minima (Stuckey and Walton 1910): Carlgren, 1949 [Ref. 31], p. 66.

Anthopleura minima Stuckey and Walton, 1910: Parry, 1951 [Ref. 181], p. 88, 91, 107–108.

minima, Bunodes Stuckey & Walton, 1910

Valid name: ***Anthopleura minima* (Stuckey & Walton, 1910)**

Described from unspecified number.

Type specimens: syntypes *not found*: New Zealand, North Island, Manukau Harbour

minima, Pelocoetes Panikkar, 1938

Valid name: ***Pelocoetes minimus* Panikkar, 1938** for genera agreement

Described from x3.

Type specimens: syntypes *not found*: India, Tamil Nadu, Madras

***minima, Sagartia* Pax, 1922**

Described from unspecified number.

Type specimens: syntypes *not found*: 66°2'S, 89°38'E (Deutsche Sudpolar-Expedition 1901–03 Gauß-Station)

Synonymy: *Sagartia minima* Pax, 1922 [Ref. 413], p. 89–90 (original description).

***minimus, Halcurias* Carlgren, 1928**

Described from x2.

Type specimens: MNB 7372: 2 syntypes, Indian Ocean, Saint Paul Island (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 165)

Synonymy: *Halcurias minimus* Carlgren, 1928 [Ref. 198], p. 134–135 [12–13] (original description).

***minimus, Pelocoetes* Panikkar, 1938**

Synonymy: *Pelocoetes minima* Panikkar, 1938 [Ref. 174], p. 669, 678–684, 685, 686, 687 (original description).

Pelocoetes minima Panikkar 1939: Carlgren, 1949 [Ref. 31], p. 37.

Pelocoetes minimus Panikkar, 1938: correct spelling original herein.

***minor, Cereus* (Andres, 1883) new combination**

Synonymy: *Heliactis minor* Andres, 1883 [Ref. 6170], p. 354–355 (original description).

Heliactis minor Andres, 1880: Chintiroglou, Doumenc, & Zamponi, 1997 [Ref. 603], p. 66, 67

Cereus minor (Andres, 1883) : new combination herein.

minor, Heliactis Andres, 1883

Valid name: ***Cereus minor* (Andres, 1883) new combination**

Described from unspecified number and locality.

Type specimens: syntypes *not found*

Comment: Chintiroglou *et al.* (1977, p. 66), aside from giving date as 1880, stated this is a *nomen dubium* because the name does “not fulfill criteria for validity (ICZN),” but the International Code of Zoological Nomenclature has no criteria for validity.

***minuta, Aiptasia* (Verrill, 1867)**

Synonymy: *Dysactis minuta* Verrill, 1867 [Ref. 5915], p. 50 (original description).

Paranthea minuta Verrill: Verrill, 1868 [Ref. 460], p. 322–323 [8–9].

Aiptasia minuta Ver.: Andres, 1883 [Ref. 6170], p. 392.

Aiptasiomorpha minuta (Verrill, 1866): Uchida & Soyama, 2001 [Ref. 1832], p. 29, 150, 153.

minuta, *Bunodes* Hertwig, 1882

Valid name: *Amphianthus minutus* (Hertwig, 1882)

Described from x1.

Type specimen: BMNH 1889.11.25.20: holotype, Indian Ocean, about 84 miles west of Hog Island (*Challenger* Expedition 1873–1876 sta. 147)

minuta, *Dysactis* Verrill, 1867

Valid name: *Aiptasia minuta* (Verrill, 1866)

Described from unspecified number.

Type specimens: syntypes *not found*: Japan, Ogasawara Islands [Bonin Islands] Islands

minuta, *Halcampella* Wassilieff, 1908

Valid names used: *Anemonactis mazeli* (Jourdan, 1880); *Haloclava chinensis* Carlgren, 1931

Described from x1.

Type specimen: holotype *not found*: Japan, Honshu, Sagami Bay, near Aburatsubo

minutissima, *Actinia* Le Sueur, 1817

Described from "several individuals."

Type specimens: syntypes *not found*: Atlantic Ocean

Synonymy: *Actinia minutissima* Le Sueur, 1817 [Ref. 128], p. 152 (original description).

Actinia minutissima [no author]: Andres, 1883 [Ref. 6170], p. 590. *species delendae*

minutus, *Amphianthus* (Hertwig, 1882)

Synonymy: *Bunodes minuta* Hertwig, 1882 [Ref. 379], p. 74–76, 116 (original description).

Amphianthus minutus (Hertwig 1882): Carlgren, 1949 [Ref. 31], p. 99.

mira, *Peachia* Carlgren, 1943

Described from x2.

Type specimens: NRS 4073: 2 syntypes, Vietnam, North Annam, Tourane, Lien Chien

Synonymy: *Peachia mira* Carlgren, 1943 [Ref. 305], p. 21–22 (original description).

mirabilis, *Alicia* Johnson, 1861

Type species of *Alicia* by monotypy.

Described from x1.

Type specimen: holotype *not found*: Atlantic Ocean, Madeira Archipelago, Madeira, Bay of Funchal

Synonymy: *Alicia mirabilis* Johnson, 1861 [Ref. 118], p. 303–305 (original description).

Cladactis costa Panceri, 1868 [Ref. 648], p. 30–32 (original description).

Cladactis Costae [no author]: Andres, 1881 [Ref. 4], p. 307, 318–319, 339.

Cladactis mirabilis John.: Andres, 1883 [Ref. 6170], p. 443.

Alicia Costae (Panc.): Haddon & Shackleton, 1893 [Ref. 364], p. 128.

Alicia costae Panc.: Duerden, 1895 [Ref. 540], p. 214–217.

Alicia costae Panc.: Stephenson, 1922 [Ref. 451], p. 280.

mirabilis, *Amphianthus* (Verrill, 1879)

Synonymy: *Synanthus mirabilis* Verrill, 1879 [Ref. 465], p. 474 (original description).

Uncertain genus *mirabilis* Verr.: Andres, 1883 [Ref. 6170], p. 583–584.

Amphianthus mirabilis (p. p. Verrill 1899): Carlgren, 1949 [Ref. 31], p. 99.

mirabilis, *Andvokia* Danielssen, 1890

Type species of *Andvokia* by monotypy.

Described from "numerous specimens."

Type specimens: BMNH 1893.6.10.2: 1 syntype, Norway, Husøen, Sognefjord (Norwegian North Atlantic Expedition 1876–1878); MZB 603: 100 syntypes, Norway, Husøen, Sognefjord (Norwegian North Atlantic Expedition 1876–1878); MZB 604: 17 syntypes, Norway, Husøen, Sognefjord (Norwegian North Atlantic Expedition 1876–1878)

Synonymy: *Andvakia mirabilis* Danielssen, 1890 [Ref. 321], p. 86–93 (original description).

Andwakia mirabilis Danielssen: Carlgren, 1895 [Ref. 734], p. 285.

andvakia mirabilis [no author]: Grieg, 1896 [Ref. 5185], p. 7.

mirabilis, *Fenja* Danielssen, 1887

Type species of *Fenja* by monotypy.

Valid names used: ***Halcampoides abyssorum* Danielssen, 1890; *Halcampoides purpureus* (Studer, 1879)**

Described from "several specimens: but only a few of them (2 adult and 1 young) were brought up undamaged."

Type specimens: MZB 595: 4(?) syntypes, Norway, W of northern Norway (Norwegian North Atlantic Expedition 1876–1878 sta. 173); MZB 595: 4(?) syntypes, Norway, W of northern Norway (Norwegian North Atlantic Expedition 1876–1878 sta. 174)

***mirabilis*, *Halcampactis* Farquhar, 1898**

Type species of *Halcampactis* by monotypy.

Described from unspecified number >1.

Type specimens: CM 3283: 27 syntypes, New Zealand, North Island, Ohiro Bay; CM 3283: 27 syntypes, New Zealand, North Island, near Wellington

Synonymy: *Halcampactis mirabilis* Farquhar, 1898 [Ref. 75], p. 527–528, 530–532 (original description).

mirabilis, *Synanthus* Verrill, 1879

Type species of *Synanthus* by monotypy.

Valid name: ***Amphianthus mirabilis* (Verrill, 1879)**

Described from unspecified number *ex* four localities.

Type specimens: USNM 31031: 2 syntypes, Atlantic Ocean, Banquereau; YPM 9429: ~25 syntypes, Atlantic Ocean, eastern slope of George's Bank; syntypes *not found*: Canada, Nova Scotia, Banquereau; syntypes *not found*: Canada, Nova Scotia, off Sable Island

miriam, *Adamsia* Haddon & Shackleton, 1893

Valid name: ***Calliactis polypus* (Forsskål, 1775)**

Described from unspecified number (inferred x1).

Type specimens: holotype *not found*: Australia, Queensland, Torres Strait, Murray Islands, Mer [Maer] Island

mitchellii, *Iluanthos* Gosse, 1853

Valid name: ***Mesacmaea mitchellii* (Gosse, 1853)**

Described from x1.

Type specimen: holotype *not found*: UK, England, off Weymouth

***mitchellii*, *Mesacmaea* (Gosse, 1853)**

Synonymy: *Iluanthos Mitchellii* Gosse, 1853 [Ref. 616], p. 128 (original description).

Ilyanthus Mitchellii [no author]: Gosse, 1855 [Ref. 6111], p. 30, 188, 200.

Iluanthos Mitchellii [*sic*] [no author]: Milne Edwards, 1857 [Ref. 508], p. 284.

Ilyanthus stellatus Andres, 1881 [Ref. 4], p. 307, 308, 330, 340 (original description).

Mesacmaea stellata Andr.: Andres, 1883 [Ref. 6170], p. 463.

Ilyanthus Mitchellii [*sic*] Gosse: Graeffe, 1884 [Ref. 1356], p. 339.

Ilyanthus Mitchellii [*sic*] (Gosse): Faurot, 1895 [Ref. 76], p. 157.

Ilyanthus scoticus Forbes: Stephens, 1905 [Ref. 4605], p. 75.

Mesacmaea stellata (Andres): Nafilyan, 1912 [Ref. 171], p. 10–11.

Ilyanthus mitchelli [*sic*] Gosse: Stephenson, 1922 [Ref. 451], p. 255.

Ilyanthus mitchellii [no author]: Stephenson, 1922 [Ref. 564], p. 819–828.

Mesacmaea Mitchellii [*sic*] (Gosse): Delphy, 1938 [Ref. 658], p. 621.

Mesacmaea mitchelli [*sic*] (Gosse 1853): Carlgren, 1949 [Ref. 31], p. 31.

Mesacmaea mitchelli [*sic*] (Gosse): Teissier, 1965 [Ref. 4978], p. 48.

Mesacmaea mitchellii (Gosse): Manuel, 1981 [Ref. 384], p. 186–187.

Mesacmaea mitchellii [*sic*] [no author]: Loukmidou, Chintiroglou, & Doumenc, 1997 [Ref. 664], p. 108.

***modesta*, *Actinothoe* (Verrill, 1866)**

Synonymy: *Sagartia modesta* Verrill, 1866 [Ref. 459], p. 337 (original description).

Actinothoe modesta (Verrill 1866): Carlgren, 1949 [Ref. 31], p. 102.

Actinothoe modesta (Verrill, 1866): Sebens, 1998 [Ref. 453], p. 12, 32, 55.

modesta, *Sagartia* Verrill, 1866

Valid name: ***Actinothoe modesta* (Verrill, 1866)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: USA, Connecticut, Long Island Sound, Goose Island

monile, *Actinia* Templeton, 1836

Valid name: ***Anthopleura monile* (Templeton, 1836)**

Described from "a few specimens".

Type specimens: syntypes *not found*: Ireland, Belfast Lough, near Holywood

***monile*, *Anthopleura* (Templeton, 1836)**

Synonymy: *Actinia monile* Templeton, 1836 [Ref. 731], p. 303–304 (original description).

Actinia monile J. Templeton: Johnston, 1847 [Ref. 694], p. 224, 225.

Actinea [*sic*] *monile* Templeton: Cocks, 1851 [Ref. 36], p. 7.

Bunodes monile [no author]: Gosse, 1855 [Ref. 6111], p. 29, 200.

Bunodes Monile [no author]: Gosse, 1855 [Ref. 95], p. 274.

Anthopleura monile (Templeton): Stephenson, 1935 [Ref. 505], p. 391 (of uncertain status).

monilifera, *Actinia* Drayton *in* Dana, 1846

Valid name: ***Paractis monilifera* (Drayton *in* Dana, 1846)**

Described from unspecified number.

Type specimens: syntypes *not found*: New Zealand, North Island, Bay of Islands, upper extremity

***monilifera*, *Paractis* (Drayton *in* Dana, 1846)**

Synonymy: *Actinia monilifera* Drayton *in* Dana, 1846 [Ref. 318], p. 136–137 (original description).

Paractis monilifera [no author]: Milne Edwards, 1857 [Ref. 508], p. 248.

***monodi*, *Entacmaea* (Carlgren, 1927) new combination**

Synonymy: *Gyrostoma monodi* Carlgren, 1927 [Ref. 205], p. 478–480 (original description).

Entacmaea monodi (Carlgren, 1927): new combination herein.

monodi, *Gyrostoma* Carlgren, 1927

Valid name: ***Entacmaea monodi* (Carlgren, 1927) new combination**

Described from x10.

Type specimens: NRS 77: 2 syntypes, West Africa, Cameroon, Kribi

***mopseae*, *Amphianthus* (Danielssen, 1890)**

Synonymy: *Stelidiactis Mopseae* Danielssen, 1890 [Ref. 321], p. 17–19 (original description).

Stelidiactis Mopsiae [*sic*] [no author]: Danielssen, 1890 [Ref. 321], p. 17–19.

=? *Stelidiactis Tubulariae* Danielssen, 1890 [Ref. 321], p. 19–20 (original description).

Stelidiactis tubulariae Danielssen: Carlgren, 1895 [Ref. 734], p. 285.

Stilidiacis mopseae Danielssen: Carlgren, 1895 [Ref. 734], p. 285.

Amphianthus mopseae (Dan.): Carlgren, 1942 [Ref. 197], p. 55–56.

Amphianthus mopsiae [*sic*] (Danielssen 1890): Carlgren, 1949 [Ref. 31], p. 99.

mopseae, *Stelidiactis* Danielssen, 1890

Valid name: ***Amphianthus mopseae* (Danielssen, 1890)**

Described from x1.

Type specimen: MZB 619: holotype, Norway, Vestfjord (Norwegian North Atlantic Expedition 1876–1878 sta. 255);
MZL *no number*: 4 microscope slides of holotype, Norway, Vestfjord (Norwegian North Atlantic Expedition 1876–1878 sta. 255)

Comment: In the original description, Danielssen (1890) rendered the species name as *Mopsiæ*, as *Mopseæ*, and as *Mopsea*. The erratum on page V corrected the first and last to *Mopseæ*, although a specimen of this species wraps around a branch of *Mopsia borealis*, according to the description.

***morbilla*, *Neoaiptasia* Fautin & Goodwill, 2009**

Described from holotype, x51 paratypes.

Type specimens: KU 001960: holotype, Mariana Islands, Saipan, Tanapag Lagoon, Managaha Island (south side); BPBM D1250: 1 paratype, Mariana Islands, Saipan, Tanapag Lagoon, Managaha Island (south side); BPBM D1248: 1 paratype, Mariana Islands, Saipan, Tanapag Lagoon, Managaha Island (south side); BPBM D1249: 1 paratype, Mariana Islands, Saipan, Tanapag Lagoon, Managaha Island (south side); CAS 175700: 1 paratype, Mariana Islands, Saipan, Tanapag Lagoon, Managaha Island (south side); USNM 1115606: 1 paratype, Mariana Islands, Saipan, Tanapag Lagoon, Managaha Island (south side); USNM 1115599: 1 paratype, Mariana Islands, Saipan, Tanapag Lagoon, Managaha Island (south side); KU 001949: 2 paratypes, Mariana Islands, Saipan, Tanapag Lagoon, Managaha Island (south side); KU 001959: 4 paratypes, Mariana Islands, Saipan, Tanapag Lagoon, Managaha Island (south side); KU 001962: 4 paratypes, Mariana Islands, Saipan, Tanapag Lagoon, Managaha Island (south side)

Synonymy: *Neoaiptasia morbilla* Fautin & Goodwill, 2009 [Ref. 6082], p. 101–109, 110, 111, 113 (original description).

***morrisonii*, *Phlyctenactis* Stuckey, 1909**

Described from x1.

Type specimen: holotype *not found*: New Zealand, Stewart Island[s]

Synonymy: *Phlyctenactis morrisonii* Stuckey, 1909 [Ref. 244], p. 396–397 (original description).

Phlyctenactis morrisoni [sic] Stuckey 1909b: Carlgren, 1949 [Ref. 31], p. 61.

***mortenseni*, *Acontiophorum* Carlgren, 1938**

Type species of *Acontiophorum* by monotypy.

Described from x1.

Type specimen: UCMNH *no number*: holotype, South Africa, Agulhas Bank, 10–12 miles W. of Cape Barracouta

Synonymy: *Acontiophorum mortenseni* Carlgren, 1938 [Ref. 283], p. 65–66 (original description).

***mortenseni*, *Anthopleura* Carlgren, 1941**

Described from x1.

Type specimen: UCMNH *no number*: holotype, Atlantic Ocean, Saint Helena, Jamestown

Synonymy: *Anthopleura mortenseni* Carlgren, 1941 [Ref. 299], p. 3–4 (original description).

***mortenseni*, *Aulactinia* (Carlgren, 1924) new combination**

Synonymy: *Epiactis mortenseni* Carlgren, 1924 [Ref. 208], p. 216–221 (original description).

Bunodactis mortenseni Carlgr.: Carlgren, 1930 [Ref. 286], p. 4.

Epiactis mortensi [sic] Carlgren, 1924: Parry, 1951 [Ref. 181], p. 88, 112.

Aulactinia mortenseni (Carlgren, 1924): new combination herein.

mortenseni, *Epiactis* Carlgren, 1924

Valid name: ***Aulactinia mortenseni* (Carlgren, 1924) new combination**

Described from "several specimens" *ex* two localities.

Type specimens: NRS 4045: 2 syntypes, New Zealand, Auckland Islands, Carnley Harbour; UCMNH *no number*: 16+ syntypes, New Zealand, Auckland Islands, Masked Island, Carnley Harbour; UCMNH *no number*: 1 syntype, New Zealand, Auckland Islands, Carnley Harbour; UCMNH *no number*: 13+ syntypes, New Zealand, Campbell Island, Perseverance Harbour

***mortoni*, *Anthopleura* England, 1992**

Described from x2.

Type specimens: BMNH 1992.7.9.8: holotype, China, Hong Kong, New Territories, Sai Kung, Huang Shek Pier; BMNH 1992.7.9.9: 1 paratype, China, Hong Kong, New Territories, Sai Kung, Huang Shek Pier
Synonymy: *Anthopleura mortoni* England, 1992 [Ref. 73], p. 49, 63–66 (original description).

multicolor, *Actinia* Stimpson, 1856

Type species of *Physactis* by monotypy.

Valid name: *Physactis multicolor* (Stimpson, 1856)

Described from unspecified number.

Type specimens: syntypes *not found*: China

***multicolor*, *Physactis* (Stimpson, 1856)**

Synonymy: *Actinia multicolor* Stimpson, 1856 [Ref. 239], p. 376 (original description).

Physactis multicolor Verrill: Verrill, 1869 [Ref. 461] (1870), p. 64–65 [30–31].

***multicorne*, *Liponema* (Verrill, 1880)**

Synonymy: *Bolocera multicornis* Verrill, 1880 [Ref. 464], p. 198 (original description).

Urticina multicornis V.: Verrill, 1882 [Ref. 724], p. 360.

Bolocera brevicornis McMurrich, 1893 [Ref. 386], p. 135, 158–160, 206, 209 (original description).

[*pro parte*] *Bolocera longicornis* Carlgren: Gravier, 1922 [Ref. 358], p. 8, 21–24, 92–99.

Eubolocera multicornis Verrill: Verrill, 1922 [Ref. 477], p. 117–118.

Liponema multicornis (Verr.): Carlgren, 1928 [Ref. 201], p. 255, 257, 259, 275.

Liponema multicorne (Verrill, 1880): correct spelling original herein.

multicornis, *Bolocera* Verrill, 1880

Type species of *Eubolocera* by original designation.

Valid name: *Liponema multicorne* (Verrill, 1880) for gender agreement

Described from x1.

Type specimen: USNM 31011: holotype, USA, Massachusetts, off Cape Cod, U.S. Fish Commission; MZL *no number*:
1 microscope slide of holotype, USA, Massachusetts, off Cape Cod, U.S. Fish Commission

***multiporum*, *Liponema* Hertwig, 1882**

Synonymy: *Liponema multiporum* Hertwig, 1882 [Ref. 379], p. 114–115, 116 (original description).

Bolocera multipora [no author]: McMurrich, 1893 [Ref. 386], p. 160.

Bolocera multiporum (Hertw.) 1882: Haddon, 1898 [Ref. 363], p. 415, 430.

Bolocera multiformum [*sic*] [no author]: Duerden, 1902 [Ref. 696], p. 306.

Liponema brevicirrata Carlgren, 1928 [Ref. 198], p. 149 [27] (original description).

Liponema multipora [*sic*] Hertwig 1888: Carlgren, 1949 [Ref. 31], p. 54.

multiporum, *Liponema* Hertwig, 1882

Type species of *Liponema* by monotypy.

Valid name: *Liponema multipora* Hertwig, 1882 for gender agreement

Described from x1.

Type specimen: BMNH 1889.11.25.35: holotype, 34°37'N, 140°32'E (*Challenger* Expedition 1873–1876 sta. 237)

***multitentaculata*, *Synandwakia* Song, 2003**

Described from holotype, x28 paratypes.

Type specimens: EWUM 60273: holotype, Korea, Jak-yakdo; EWULS 03092: 1 paratype, Korea, Jeongjongdo; EWULS 03093: 1 paratype, Korea, Jeongjongdo; EWULS 03091: 1 paratype, Korea, Jeongjongdo; EWULS 03094: 1 paratype, Korea, Jeongjongdo; EWUM 60275: 1 paratype, Korea, Jak-yakdo; EWUM 60277: 1 paratype, Korea, Jak-yakdo; EWUM 60297: 1 paratype, Korea, Jak-yakdo; EWUM 60288: 1 paratype, Korea, Jak-yakdo; EWUM 60294: 1 paratype, Korea, Jak-yakdo; EWUM 60289: 1 paratype, Korea, Jak-yakdo; EWUM 60286: 1 paratype, Korea, Jak-yakdo; EWUM 60292: 1 paratype, Korea, Jak-yakdo; EWUM 60280: 1 paratype, Korea, Jak-

yakdo; EWUM 60295: 1 paratype, Korea, Jak-yakdo; EWUM 60290: 1 paratype, Korea, Jak-yakdo; EWUM 60285: 1 paratype, Korea, Jak-yakdo; EWUM 60293: 1 paratype, Korea, Jak-yakdo; EWUM 60291: 1 paratype, Korea, Jak-yakdo; EWUM 60276: 1 paratype, Korea, Jak-yakdo; EWUM 60274: 1 paratype, Korea, Jak-yakdo; EWUM 60283: 1 paratype, Korea, Jak-yakdo; EWUM 60296: 1 paratype, Korea, Jak-yakdo; EWUM 60284: 1 paratype, Korea, Jak-yakdo; EWUM 60287: 1 paratype, Korea, Jak-yakdo; EWUM 60278: 1 paratype, Korea, Jak-yakdo; EWUM 60279: 1 paratype, Korea, Jak-yakdo; EWUM 60281: 1 paratype, Korea, Jak-yakdo; EWUM 60282: 1 paratype, Korea, Jak-yakdo

Synonymy: *Synandwakia multitentaculata* Song, 2003 [Ref. 1860], p. 283, 291–295 (original description).

***murocineta*, *Phellia* Gosse, 1858**

Type species of *Phellia* by subsequent designation (Stephenson, 1920).

Described from unspecified number.

Type specimens: syntypes *not found*: UK, England, Devon, near Torquay

Synonymy: *Phellia murocineta* Gosse, 1858 [Ref. 97], p. 193–194 (original description).

Phellia murocineta [*sic*] Gos.: Andres, 1883 [Ref. 6170], p. 330–331.

***muscosa*, *Oulactis* (Drayton in Dana, 1846)**

Synonymy: *Metridium muscosum* Drayton in Dana, 1846 [Ref. 318], p. 153–154 (original description).

Oulactis muscosa [no author]: Milne Edwards & Haime, 1851 [Ref. 162], p. 12.

Oulactis plicatus Hutton, 1879 [Ref. 117], p. 311–312 (original description).

Cradactis plicatus Hutton: Stuckey, 1909 [Ref. 244], p. 392–393.

=? *Tealidium cinctum* Stuckey, 1909 [Ref. 244], p. 389–390 (original description).

Oulactis plicata Hutton 1878: Carlgren, 1949 [Ref. 31], p. 52.

Oulactis plumosa nomen nudum: presumably a *lapsus* for *muscosa* (Drayt.): Carlgren, 1954 [Ref. 308], p. 572.

Oulactis mucosa (Drayton, 1846): Dawson, 1992 [Ref. 1261], p. 38.

muscosum, *Metridium* Drayton in Dana, 1846

Type species of *Oulactis* by monotypy.

Valid names used: ***Oulactis cincta* (Stuckey, 1909)**; ***Oulactis muscosa* (Drayton in Dana, 1846)**

Described from unspecified number.

Type specimens: syntypes *not found*: Australia, New South Wales, Wollongong, Illawarra (United States Exploring Expedition ["Wilkes Expedition"])

***muscosus*, *Phymanthus* Haddon & Shackleton, 1893**

Described from unspecified number.

Type specimens: MZC I.33745: 3 syntypes, Australia, Queensland, Torres Strait, Murray Islands, Mer [Maer] Island; MZC I.33750: 1 syntype, Australia, Queensland, Torres Strait, Murray Islands, Mer [Maer] Island; MZC I.33755: 1 syntype, Australia, Queensland, Torres Strait, Murray Islands, Mer [Maer] Island

Synonymy: *Phymanthus muscosus* Haddon & Shackleton, 1893 [Ref. 364], p. 117, 122 (original description).

Phymanthus mucosus [*sic*] [no author]: Duerden, 1898 [Ref. 692], p. 102.

musculosa, *Hormathia* Gravier, 1918

Valid name: ***Kadosactis rosea* Danielssen, 1890**

Described from x1.

Type specimen: MOM 13 0046: holotype, Norwegian Sea, Prince Albert I of Monaco Campagne de 1898: *Princesse-Alice et l'Hirondelle* sta. 1017

musculosa, *Saccactis* Lager, 1911

Valid name: ***Oulactis mcmurrichi* (Lager, 1911)**

Described from x4.

Type specimens: MNB 5448: 2 syntypes, Australia, Western Australia, Albany Bay, Princess Royal Harbour, Hamburger südwest-australischen Forschungsreise 1905 sta. 60; NRS 4269: 1 syntype, Australia, Western Australia, Albany Bay, Princess Royal Harbour, Hamburger südwest-australischen Forschungsreise 1905 sta. 60; ZMH C5317: 4 syntypes, Australia, Western Australia, Albany Bay, Princess Royal Harbour, Hamburger südwest-australischen Forschungsreise 1905 sta. 60

mutabilis, *Actinia* Gravenhorst, 1831

Valid name: ***Aiptasia mutabilis* (Gravenhorst, 1831)**

Described from x2.

Type specimens: syntypes *not found*: Mediterranean Sea, Adriatic Sea, Trieste [Tergestum]

***mutabilis*, *Aiptasia* (Gravenhorst, 1831)**

Synonymy: *Actinia mutabilis* Gravenhorst, 1831 [Ref. 654], p. 129, 141–146 (original description).

=? *Actinia biserialis* Forbes, 1840 [Ref. 84], p. 182–183 (original description).

Anthea Couchii Cocks, 1850 [Ref. 6093], p. 94. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 12.1.

=? *Actinea* [*sic*] *biserialis* Forbes: Cocks, 1850 [Ref. 6093], p. 94.

=? *Entacmæa biserialis* [no author]: Milne Edwards & Haime, 1851 [Ref. 162], p. 9.

Cribrina punctata Schmarda, 1852 [Ref. 618], p. 130–131, 132, 133, 134 (original description).

=? *Dysactis biserialis* [no author]: Milne Edwards, 1857 [Ref. 508], p. 262.

Aiptasia amacha Gosse, 1858 [Ref. 96], p. 416 (original description).

Aiptasia Couchii [no author]: Gosse, 1860 [Ref. 356], p. 152–158.

Aiptasia couchii W. P. Cocks: Johnson, 1861 [Ref. 118], p. 300.

Sagartia Penoti Jourdan, 1880 [Ref. 119], p. 18, 20, 33–35, 87 (original description).

Aiptasia turgida Andres, 1881 [Ref. 4], p. 307, 308, 325, 338 (original description).

Aiptasia carnea Andres, 1881 [Ref. 4], p. 326, 338 (original description).

Aiptasia mutabilis Grav.: Andres, 1883 [Ref. 6170], p. 376–378.

Aiptasia Couchi Gos.: Andres, 1883 [Ref. 6170], p. 375–376.

[*non*] *Aiptasia couchii* Cocks: Pax, 1909 [Ref. 549], p. 337–338.

Aiptasia couchi Cocks, 1851: Stephenson, 1920 [Ref. 449], p. 530.

Aiptasiomorpha? *mutabilis* (Gravenhorst 1831): Carlgren, 1949 [Ref. 31], p. 109.

Aiptasia mutabilis bicolor Andr.: Pax & Mueller, 1953 [Ref. 1133], p. 25.

Aiptasia mutabilis maculata Andr.: Pax & Mueller, 1953 [Ref. 1133], p. 26.

***mutabilis*, *Anemonia* Verrill, 1928**

Described from x1.

Type specimen: BPBM D107b: holotype, USA, Hawaiian Islands, Oahu, Honolulu Public Aquarium

Synonymy: *Anemonia mutabilis* Verrill, 1928 [Ref. 263], p. 11, 13 (original description).

***mutsuensis*, *Flosmaris* (Uchida, 1938)**

Synonymy: *Neophellia mutsuensis* Uchida, 1938 [Ref. 260], p. 311–313 (original description).

Flosmaris mutsuensis (Uchida, 1938): Song, 1992 [Ref. 237], p. 263–264.

mutsuensis, *Neophellia* Uchida, 1938

Type species of *Neophellia* by monotypy.

Valid name: ***Flosmaris mutsuensis* (Uchida, 1938)**

Described from x1.

Type specimen: holotype *not found*: Japan, off Urata between Futago and Oshima

***napensis*, *Actinia* Stimpson, 1856**

Described from unspecified number.

Type specimens: syntypes *not found*: Japan, Ryukyu [Ryûkyû] Islands [Loo Choo]

Synonymy: *Actinia napensis* Stimpson, 1856 [Ref. 239], p. 376 (original description).

Sagartia Napensis Verrill: Verrill, 1869 [Ref. 461] (1870), p. 58, 102 [24, 68].

***natalensis, Amphianthus* Carlgren, 1938**

Described from x5.

Type specimens: SAM H4596: 2? syntypes, South Africa, 24 miles NE Durban

Synonymy: *Amphianthus natalensis* Carlgren, 1938 [Ref. 283], p. 79–80 (original description).

***natalensis, Anemonia* Carlgren, 1938**

Described from x15 ex three localities.

Type specimens: NRS 89: 6 syntypes, South Africa, Durban, Isipingo; NRS 5589: 5 syntypes, South Africa, Durban, Isipingo; UCMNH *no number*: 1 syntype, South Africa, Durban, pier; 2 syntypes *not found*: South Africa, Durban, Reunion Rocks

Synonymy: *Anemonia natalensis* Carlgren, 1938 [Ref. 283], p. 36–37 (original description).

***natalensis, Condylactis* Carlgren, 1938**

Type species of *Korsaranthus* by original designation.

Valid name: ***Korsaranthus natalensis* (Carlgren, 1938)**

Described from x1.

Type specimen: SAM H4600: holotype, South Africa, Durban

***natalensis, Korsaranthus* (Carlgren, 1938)**

Synonymy: *Condylactis natalensis* Carlgren, 1938 [Ref. 283], p. 31–32 (original description).

Korsaranthus natalensis (Carlgren, 1938): Riemann-Zürneck, 1999 [Ref. 809], p. 190–196.

***natalensis, Telmatactis* Carlgren, 1938**

Described from x1.

Type specimen: NRS 88: holotype, South Africa, Durban, Isipingo

Synonymy: *Telmatactis natalensis* Carlgren, 1938 [Ref. 283], p. 68–69 (original description).

***nathorstii, Milne-Edwardsia* Carlgren, 1921**

Valid name: ***Nematostella nathorstii* (Carlgren, 1921)**

Described from x10 ex two localities.

Type specimens: NRS 4881: 1 syntype, Greenland, East Greenland, Scoresby Sound, Hurry [Hurry's] Inlet (Swedish Greenland Expedition 1899 sta. 455, 456); NRS 4882: 4 syntypes, Greenland, East Greenland, Scoresby Sound, Hurry [Hurry's] Inlet (Swedish Greenland Expedition 1899 sta. 455, 456); 1 syntype *not found*: Svalbard, north of Spitsbergen (Römer and Schaudinn 1898 sta. 41)

***nathorstii, Nematostella* (Carlgren, 1921)**

Synonymy: *Milne-Edwardsia nathorstii* Carlgren, 1921 [Ref. 196], p. 67–69 (original description).

Nematostella nathorsti [*sic*] (Carlgren 1921): Carlgren, 1949 [Ref. 31], p. 26.

Nematostella nathorstii (Carlgren, 1921): Hand, 1957 [Ref. 373], p. 412.

***neglecta, Actinia* Leidy, 1855**

Valid name: ***Ilyanthus neglectus* (Leidy, 1855)**

Described from x1.

Type specimen: holotype *not found*: USA, New Jersey, Atlantic City

***neglecta, Lebrunia* Duchassaing & Michelotti, 1860**

Type species of *Lebrunia* by monotypy.

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, Virgin Islands, St. Thomas

Synonymy: *Oulactis Danae* Duchassaing & Michelotti, 1860 [Ref. 323], p. 47 (original description).

Lebrunia neglecta Duchassaing & Michelotti, 1860 [Ref. 323], p. 48 (original description).

Actinodactylus neglectus Duchassaing & Michelotti, 1860 [Ref. 323], p. 44–45 (original description).
Oulactis danae [no author]: Duchassaing & Michelotti, 1861 [Ref. 1805], p. 323.
Rhodactis Danae Duch. et Mich.: Duchassaing & Michelotti, 1864 [Ref. 322], p. 37.
 =? *Rhodactis musciformis* Duchassaing & Michelotti, 1864 [Ref. 322], p. 38 (original description).
Lebrunea [sic] neglecta Duch. et Mich.: Duchassaing & Michelotti, 1864 [Ref. 322], p. 37.
Rhodactis danae Duch. et Mich.: Duchassaing & Michelotti, 1866 [Ref. 1804], p. 131.
Rodactis [sic] Danae [no author]: Duchassaing, 1870 [Ref. 1674], p. 20.
Actinodactylus Neglectus [no author]: Duchassaing, 1870 [Ref. 1674], p. 20.
Lebrunea [sic] Neglecta [no author]: Duchassaing, 1870 [Ref. 1674], p. 20.
Stauractis incerta Andres, 1883 [Ref. 6170], p. 471 (original description as *nomen novum*).
Taractea Danae Duch.: Andres, 1883 [Ref. 6170], p. 499.
Lebrunia neglecta D. & Mich.: Andres, 1883 [Ref. 6170], p. 574. *incertae sedis*
Hoplophoria coralligens Wilson, 1890 [Ref. 591], p. 379–386 (original description).
Rhodactis Danae [no author]: Haddon, 1898 [Ref. 363], p. 477.
Lebrunia Danae (D. and M.) Verrill: Verrill, 1899 [Ref. 470], p. 48.
Lebrunia Danae (D. and M.) Verrill: Verrill, 1907 [Ref. 973], p. 555.
Aiptasia sp.: Verrill, 1907 [Ref. 973], p. 554.
Lebrunia danae (Duch. et Mich.): Pax, 1910 [Ref. 407], p. 162, 164, 209–214.
Cradactis variabilis Hargitt, 1911 [Ref. 105], p. 52–53 (original description).
Lebrunia danae Duch. et Mich.: Weill, 1934 [Ref. 5655], p. 357, 584, 585–586, 588, 589, 592.
Lubrunia [sic] danae (Duchassaing and Michelotti): Hedgpeth, 1954 [Ref. 113], p. 287.
Lebrunea [sic] danae (Duchassaing & Michelotti): Zeiller, 1974 [Ref. 280], p. 15.
Labrunia [sic] danae [no author]: Hanlon, Hixon, & Smith, 1983 [Ref. 1285], p. 932.

neglecta, *Thoe* Carlgren, 1928

Valid name: ***Anthothoe stimpsonii* (Verrill, 1869)**

Described from x3: 3 (of 4) syntypes of *Actinia suspecta* Pax (1922) have acontia. They do not belong to the Pax species but are paralectotypes of it.

Type specimens: MNB 7195: 3 syntypes, South Africa, Cape of Good Hope, False Bay, Simon's Bay (Deutsche Sudpolar-Expedition 1901–03)

neglectus, *Actinodactylus* Duchassaing & Michelotti, 1860

Valid name: ***Lebrunia danae* (Duchassaing & Michelotti, 1860)**

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, Virgin Islands, Port of St. Thomas

Comment: *Stauractis incerta* Andres, 1883, a *nomen novum* for this species.

***neglectus*, *Ilyanthus* (Leidy, 1855)**

Synonymy: *Actinia neglecta* Leidy, 1855 [Ref. 615], p. 141 (original description).

Ilyanthus neglectus Leidy: Verrill, 1866 [Ref. 459], p. 338.

***neozealandica*, *Epiactis* Stephenson, 1918**

Synonymy: =? *Actinia thompsoni* Coughtrey, 1875 [Ref. 40], p. 280 (original description).

Epiactis novo-zealandica Stephenson, 1918 [Ref. 448], p. 24–27 (original description).

Epiactis nova-zealandica [sic] Stephenson 1918: Carlgren, 1949 [Ref. 31], p. 58.

Bunodactis novazealandica [sic] (Stephenson, 1918): England, 1987 [Ref. 63], p. 255.

Epiactis neozealandica Stephenson, 1918: correct spelling original herein.

***neozelanica*, *Anthothoe* (Carlgren, 1924)**

Synonymy: *Thoe neozelanica* Carlgren, 1924 [Ref. 208], p. 250–252 (original description).

?*Actinothoe neozealandica [sic]* (Carlgren 1924): Carlgren, 1949 [Ref. 31], p. 103.

Actinothoe neozelanica Carlgren, 1924: Parry, 1951 [Ref. 181], p. 89.

Anthothoe neozelanica (Carlgren, 1924): Dawson, 1992 [Ref. 1261], p. 42.

***neozelanica*, *Diadumene* Carlgren, 1924**

Described from x3 + "several specimens" ex two localities.

Type specimens: NRS 4047: 4 syntypes, New Zealand, Kaipara; UCMNH *no number*: 16 syntypes, New Zealand, North Island, Kaipara; UCMNH *no number*: 3 syntypes, New Zealand, North Island, Slipper Island; MZL *no number*: 3 microscope slides of syntype, New Zealand, North Island, Slipper Island

Synonymy: *Diadumene neozelanica* Carlgren, 1924 [Ref. 208], p. 239–243 (original description).

Diadumene neozelandica Carlgren 1924: Carlgren, 1949 [Ref. 31], p. 109.

Diadumene novaezelandicus [sic] [no author]: Dromgoole & Foster, 1983 [Ref. 498], p. 91.

***neozelanica*, *Edwardsia* Farquhar, 1898**

Replacement name (International Code of Zoological Nomenclature Article 60) for *E. elegans* Farquhar, 1898, created by Williams (1981), who recognized them also as subjective synonyms.

Described from unspecified number.

Type specimens: syntypes *not found*: New Zealand, North Island, Ohiro Bay; syntypes *not found*: New Zealand, North Island, Lyall Bay

Synonymy: [non] *Edwardsia elegans* Verrill, 1869 [Ref. 554], p. 162 (original description). senior homonym

Edwardsia neozelanica Farquhar, 1898 [Ref. 75], p. 529 (original description).

Edwardsia elegans Farquhar, 1898 [Ref. 75], p. 528–529 (original description). junior primary homonym

Edwardsia neozelanica [sic] (Farquhar): Stuckey, 1909 [Ref. 244], p. 397.

Edwardsia tricolor Stuckey, 1909 [Ref. 244], p. 378–379 (original description as *nomen novum*).

Edwardsia ignota Stuckey, 1909 [Ref. 244], p. 379 (original description). *nomen dubium* according to Williams, 1981 [Ref. 491], p.349.

Edwardsia novaezelandica [sic] Farquhar, 1898: England, 1987 [Ref. 63], p. 217.

***neozelanica*, *Peachia* Carlgren, 1924**

Described from x1.

Type specimen: UCMNH *no number*: holotype, New Zealand, North Island, Three Kings

Synonymy: *Peachia neozelanica* Carlgren, 1924 [Ref. 208], p. 187–190 (original description).

***neozelanica*, *Thoe* Carlgren, 1924**

Valid name: ***Anthothoe neozelanica* (Carlgren, 1924)**

Described from x1.

Type specimen: UCMNH *no number*: holotype, New Zealand, North Island, Hauraki Gulf, Kawai Island, North Channel

***nexilis*, *Actinauge* Verrill, 1883**

Valid name: ***Stephanauge nexilis* (Verrill, 1883)**

Described from many specimens.

Type specimens: YPM 9437: 1 syntype, Canada, Atlantic Ocean, south of Sable Island, Gloucester Fisheries sta. 540; YPM 9434: 1 syntype, Canada, 36 miles east of NE Light Sable Island, Gloucester Fisheries sta. 416; YPM 9438: 1 syntype, Canada, Atlantic Ocean, east of Sable Island, Gloucester Fisheries sta. 240; YPM 9436: 3 syntypes, Canada, Atlantic Ocean, SSW of Sable Island, Gloucester Fisheries sta. 347; YPM 9435: 4 syntypes, Canada, Atlantic Ocean, south of Sable Island, Gloucester Fisheries sta. 417; YPM 9439: 4 syntypes, USA, Massachusetts, Martha's Vineyard, U.S. Fish Commission Steamer *Fish Hawk* 1881 sta. 925; YPM 9433: 1 syntype, Canada, Nova Scotia, off Sable Island; 4 syntypes *not found*: USA, Massachusetts, south of George's Bank and off Martha's Vineyard, U.S. Fish Commission Steamer *Blake* 1880 sta. 310; 1 syntype *not found*: USA, North Carolina, Cape Hatteras, U.S. Fish Commission Steamer *Blake* 1880 sta. 327; syntypes *not found*: Canada, Newfoundland, off Newfoundland; syntypes *not found*: Canada, Nova Scotia; syntypes *not found*: USA, Massachusetts, off Martha's Vineyard

***nexilis*, *Stephanauge* (Verrill, 1883)**

Synonymy: *Actinia abyssicola* Moseley, 1877 [Ref. 166], p. 297–298, 304 (original description).

Actinauge nexilis Verrill, 1883 [Ref. 467], p. 55–56 (original description).

Stephanauge abyssicola (Moseley, 1877): Verrill, 1899 [Ref. 471], p. 145.
Stephanauge nexilis Verrill: Verrill, 1922 [Ref. 477], p. 99–100.
Aceractis nexilis [no author]: Carlgren, 1925 [Ref. 203], p. 1–6.

nicobarica, *Macrocnema* Carlgren, 1928

Type species of *Macrocnema* by monotypy: type species of *Riactis* by replacement.

Valid name: ***Riactis nicobarica* (Carlgren, 1928)** new combination

Described from x2.

Type specimens: MNB 12565: 1? syntype, India, Andaman Sea, Andaman and Nicobar Islands, Sombrero Canal, West Entrance (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 211)

Synonymy: *Macrocnema nicobarica* Carlgren, 1928 [Ref. 198], p. 140–142 [18–20] (original description).

***nicobarica*, *Riactis* (Carlgren, 1928)** new combination

Synonymy: *Macrocnema nicobarica* Carlgren, 1928 [Ref. 198], p. 140–142 [18–20] (original description).

Riactis nicobarica (Carlgren, 1928): new combination herein.

nidarosiensis, *Isoedwardsia* Carlgren, 1942

Valid name: ***Scolanthus nidarosiensis* (Carlgren, 1942)**

Described from x1.

Type specimen: NRS 4888: holotype, Norway, Trondheimfjord [Trondheimsfjord] [Drontheimsfjord] [Drontheim Fjord], Hestdalen, Selvikstrand (Gunnerus Expedition 1921); MZL *no number*: 7 microscope slides of holotype, Norway, Trondheimfjord [Trondheimsfjord] [Drontheimsfjord] [Drontheim Fjord], Hestdalen, Selvikstrand (Gunnerus Expedition 1921)

***nidarosiensis*, *Scolanthus* (Carlgren, 1942)**

Synonymy: *Isoedwardsia nidarosiensis* Carlgren, 1942 [Ref. 197], p. 61–62 (original description).

Scolanthus nidarosiensis (Carlgren, 1942): England, 1987 [Ref. 63], p. 232.

***nigrescens*, *Anthopleura* (Verrill, 1928)**

Synonymy: =? *Anthopleura xanthogrammica* (Brandt): McMurrich, 1901 [Ref. 389], p. 36–39.

Tealiopsis nigrescens Verrill, 1928 [Ref. 263], p. 18, 26 (original description).

Cladactella obscura Verrill, 1928 [Ref. 263], p. 23, 24–25 (original description).

Anthopleura pacifica Uchida, 1938 [Ref. 260], p. 305–309 (original description).

Bunodactis nigrescens (Verrill 1928): Carlgren, 1949 [Ref. 31], p. 65.

Anthopleura nigrescens (Verrill): Mathew, 1967 [Ref. 1357], p. 41–43.

nigrescens, *Tealiopsis* Verrill, 1928

Valid name: ***Anthopleura nigrescens* (Verrill, 1928)**

Described from unspecified number >1.

Type specimens: AMNH 1485: holotype, USA, Hawaiian Islands, Kauai, Nawiliwili Bay; 2 paratypes *not found*: USA, Hawaiian Islands, Kauai, Nawiliwili Bay

nigropunctata, *Actinia* Stimpson, 1856

Senior homonym to junior primary homonym of den Hartog & Ocaña (2003). Because Stimpson species put in another genus before 1900, a case must be put before International Commission on Zoological Nomenclature (International Code of Zoological Nomenclature Article 23.9.5) and until a ruling is made, “prevailing usage of both names is to be maintained.”

Valid name: ***Actinotheroe nigropunctata* (Stimpson, 1855)**

Described from unspecified number.

Type specimens: syntypes *not found*: Japan, Ryukyu [Ryūkyū] Islands [Loo Choo], Amamioshima [Amami-Ōshima] [Ousima]

***nigropunctata*, *Actinia* den Hartog & Ocaña, 2003**

Junior primary homonym to senior homonym of Stimpson (1856). Because Stimpson species put in another genus before 1900, a case must be put before International Commission on Zoological Nomenclature (International Code of Zoological Nomenclature Article 23.9.5) and until a ruling is made, “prevailing usage of both names is to be maintained.”

Described from more than 100.

Type specimens: NNM 19971: holotype, Atlantic Ocean, Canary Islands, La Palma, Playa de los Cancajos, Breña Baja; NNM 19972: 1 paratype, Atlantic Ocean, Canary Islands, Gran Canaria, Playa del Cabrón, Arinaga, Agüimes; NNM 19967: 4 paratypes, Atlantic Ocean, Canary Islands, Tenerife, Mesa del Mar, Tacoronte

Synonymy: [*non*] *Actinia Mesembryanthemum* Ellis & Solander, 1786 [Ref. 71], p. 4 (original description).

[*non*] *Actinia nigropunctata* Stimpson, 1856 [Ref. 239], p. 375–376 (original description). senior homonym

Actinia mesembryanthemum Ellis & Sol.: Johnson, 1861 [Ref. 118], p. 301.

Actinia nigropunctata den Hartog & Ocaña (in press): Ocaña & den Hartog, 2002 [Ref. 4880], p. 34, 47–48. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 16.

Actinia nigropunctata den Hartog & Ocaña, 2003 [Ref. 1854], p. 229, 231, 234–242 (original description). junior primary homonym

***nigropunctata*, *Actinothoe* (Stimpson, 1855)**

Synonymy: *Actinia nigropunctata* Stimpson, 1856 [Ref. 239], p. 375–376 (original description). senior homonym

Sagartia nigropunctata Verrill: Verrill, 1869 [Ref. 461] (1870), p. 56–57 [22–23].

Actinothoe nigropunctata (Stimpson, 1855): Uchida & Soyama, 2001 [Ref. 1832], p. 40, 150, 153.

[*non*] *Actinia nigropunctata* den Hartog & Ocaña, 2003 [Ref. 1854], p. 229, 231, 234–242 (original description). junior primary homonym

***nikobarica*, *Aulactinia* (Carlgren, 1928) new combination**

Synonymy: *Bunodactis nikobarica* Carlgren, 1928 [Ref. 198], p. 164–166 [42–44] (original description).

Bunodactis nicobarica [*sic*] Carlgren 1928: Carlgren, 1949 [Ref. 31], p. 65.

Aulactinia nikobarica (Carlgren, 1928): new combination herein.

nikobarica, *Bunodactis* Carlgren, 1928

Valid name: ***Aulactinia nikobarica* (Carlgren, 1928) new combination**

Described from x14.

Type specimens: NRS 3996: 2 syntypes, India, southwest of Great Nikobar (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 208)

nitida, *Raphactis* Verrill, 1899

Type species of *Raphactis* by original designation.

Valid name: ***Amphianthus nitidus* (Verrill, 1899)**

Described from unspecified number >1.

Type specimens: USNM 32502: 4 syntypes, USA, Delaware, off Delaware Bay, U.S. Fish Commission Steamer *Albatross* sta. 1043; YPM 10457: 2 syntypes, USA, Delaware, off Delaware Bay, U.S. Fish Commission Steamer *Albatross* sta. 1043; YPM 8940: 3 syntypes, USA, Delaware, off Delaware Bay, U.S. Fish Commission Steamer *Albatross* sta. 1043

nitida, *Sagartia* Wassilieff, 1908

Type species of *Nemanthus* by original designation.

Valid name: ***Nemanthus nitidus* (Wassilieff, 1908)**

Described from x60–80.

Type specimens: ZSM 160: 4 syntypes, Japan, Honshu, Sagami Bay, near Aburatsubo; ZSM 155: 79? syntypes, Japan, Honshu, Sagami Bay, near Aburatsubo

***nitidus*, *Amphianthus* (Verrill, 1899)**

Synonymy: *Raphactis nitida* Verrill, 1899 [Ref. 471], p. 144–145, 146 (original description).

Amphianthus nitidus (Verrill 1899): Carlgren, 1949 [Ref. 31], p. 99.

***nitidus*, *Nemanthus* (Wassilieff, 1908)**

Synonymy: *Sagartia nitida* Wassilieff, 1908 [Ref. 478], p. 31–34 (original description).

Nemanthus nitidus (Wassilieff): Carlgren, 1940 [Ref. 297], p. 212–215.

Namanthus nitidus (Wassilieff, 1908): Song & Lee, 1998 [Ref. 760], p. 237–238. *misspelled*

nivea, *Actinia* Lesson, 1830

Senior homonym to junior primary homonym of Gosse (1853). Resolved by Verrill (1869) [Ref. 458] proposing replacement name *Sagartia gossei* for junior homonym.

Valid name: ***Paranthus niveus* (Lesson, 1830)**

Described from "milliers d'individus."

Type specimens: syntypes *not found*: Peru, Paita [Payta]

nivea, *Actinia* Gosse, 1853

Junior primary homonym to senior homonym of Lesson (1830). Resolved by Verrill (1869) [Ref. 458] proposing replacement name *Sagartia gossei* for junior homonym.

Valid name: ***Sagartia elegans* (Dalyell, 1848)**

Described from unspecified number.

Type specimens: syntypes *not found*: UK, England, Devon, Ilfracombe, Wildersmouth; syntypes *not found*: UK, England, Devon, Petit Tor

***niveum*, *Acontiophorum* Fautin, Eppard, & Mead, 1988**

Described from x42.

Type specimens: CAS 060244: holotype, USA, California, San Diego, Mission Bay; CAS 060245: 2 paratypes, USA, California, San Diego, Mission Bay; USNM 75158: 43 paratypes, USA, California, San Diego, Mission Bay; SBMNH 34665: 11 paratypes, USA, California, San Diego, Mission Bay

Synonymy: *Acontiophorum niveum* Fautin, Eppard, & Mead, 1988 [Ref. 351], p. 27–32 (original description).

***niveus*, *Paranthus* (Lesson, 1830)**

Synonymy: *Actinia nivea* Lesson, 1830 [Ref. 123], p. 81 (original description). senior homonym

Actinia (*Diplostephanus*) *nivea* Less.: Brandt, 1835 [Ref. 65], p. 10.

[*non*] *Actinia nivea* Gosse, 1853 [Ref. 1241], p. 93–96, 232, 435 (original description). junior primary homonym

[*non*] *Sagartia nivea* [no author]: Gosse, 1860 [Ref. 356], p. 67–72.

Sagartia nivea Verrill: Verrill, 1869 [Ref. 458], p. 485–486.

Aiptasia nivea Less.: Andres, 1883 [Ref. 6170], p. 390–391.

Paractis nivea (Less.): Verrill, 1899 [Ref. 472], p. 209–210.

Paranthus? nivea Lesson: Stephenson, 1920 [Ref. 449], p. 542.

Paranthus niveus (Lesson 1832): Carlgren, 1949 [Ref. 31], p. 83.

***nobilis*, *Actinernus* Verrill, 1879**

Type species of *Actinernus* by monotypy.

Description states from x4 but two specimens from one locality make at least five.

Type specimens: USNM 17120: 1 syntype, Atlantic Ocean, Banquereau; USNM 17119: 1 syntype, Atlantic Ocean, Banquereau; YPM 8441: 1 syntype, Canada, Nova Scotia, Banquereau; YPM 4865: 1 syntype, Atlantic Ocean, eastern slope of George's Bank; syntypes *not found*: Canada, Nova Scotia, off Sable Island

Synonymy: *Actinernus nobilis* Verrill, 1879 [Ref. 465], p. 474 (original description).

Uncertain genus *nobilis* Verr.: Andres, 1883 [Ref. 6170], p. 584.

Actinonernus [*sic*] *nobilis* [no author]: Grebelny, 1982 [Ref. 526], p. 111.

Actinernus novilis [*sic*] Verrill, 1879: Uchida, 2007 [Ref. 5853], p. 22.

***nobilis*, *Paractis* Verrill, 1869**

Described from unspecified number

Type specimens: syntypes *not found*: Panama, northeastern reef

Synonymy: *Paractis nobilis* Verrill, 1869 [Ref. 458], p. 491–492 (original description).

***nodosa coronata*, *Actinauge* Verrill, 1883**

Type species of *Chondrophellia* by original designation.

Valid name: ***Chondrophellia coronata* (Verrill, 1883)**

Described from "a few" specimens.

Type specimens: syntypes *not found*: Atlantic Ocean, northeast coast of U.S.; syntypes *not found*: USA, NE end of Georges Bank, U.S. Fish Commission Steamer *Blake* 1880 sta. 307

Comment: *Actinauge fastigata* McMurrich, 1893, a *nomen novum* for this species.

***nodosa tuberculosa*, *Actinauge* Verrill, 1883**

Valid names used: ***Actinauge verrillii* McMurrich, 1893; *Hormathia nodosa* (Fabricius, 1780)**

Described from many specimens.

Type specimens: MCZ 43463: 1 syntype, USA, Massachusetts, Martha's Vineyard, about 3.5 miles SE of Cape Poge, U.S. Fish Commission Steamer *Bluelight* 1875 sta. 729; MCZ 43452: 1 syntype, USA, Fishers Island Sound, between Sea-Flower reef and Groton Long Point, U.S. Fish Commission Steamer *Bluelight* 1874 sta. 434; YPM 9440: 3 syntypes, Canada, Gulf of St. Lawrence, off Anticosti Island; YPM 9370: 1 syntype, Canada, off Peters Bank and Banquereau, S of Newfoundland, Gloucester Fisheries sta. 681; YPM 9408: 2 syntypes, Canada, Nova Scotia, Halifax Harbor, U.S. Fish Commission Steamer *Speedwell* 1877 sta. 121; YPM 9409: 1 syntype, Canada, Nova Scotia, Halifax Harbor, off Sandwich Point, U.S. Fish Commission Steamer *Speedwell* 1877 sta. 123; YPM 9410: 1 syntype, Canada, Atlantic Ocean, E of Sable Island; YPM 9406: 4 syntypes, Canada, Nova Scotia, south of Halifax, U.S. Fish Commission Steamer *Speedwell* 1877 sta. 100

***nodosa*, *Actinia* Fabricius, 1780**

Type species of *Actinauge* by original designation.

Valid names used: ***Actinauge verrillii* McMurrich, 1893; *Chondrophellia coronata* (Fabricius, 1780); *Hormathia nodosa* (Fabricius, 1780)**

Described from unspecified number.

Type specimens: syntypes *not found*: Greenland

***nodosa*, *Hormathia* (Fabricius, 1780)**

Synonymy: *Actinia nodosa* Fabricius, 1780 [Ref. 638], p. 350 (original description).

Actinoloba nodosa [no author]: de Blainville, 1830 [Ref. 94], p. 288.

Actinia (*Diplostephanus*) *nodosa* Fabric.: Brandt, 1835 [Ref. 65], p. 10.

Metridium nodosum [no author]: Milne Edwards, 1857 [Ref. 508], p. 254.

Tealia digitata [no author]: Gosse, 1860 [Ref. 356], p. 206–208.

Chondractinia nodosa Fabr.: Lütken, 1861 [Ref. 708], p. 190.

Urticina nodosa Fabr.: Verrill, 1873 [Ref. 462], p. 349.

Actinia nodosa [no author]: Andres, 1883 [Ref. 6170], p. 588. *species delendae*

[*non*] *Actinauge nodosa* (Fabr.) Verrill: Verrill, 1883 [Ref. 467], p. 50–52.

Actinauge nodosa tuberculosa Verrill, 1883 [Ref. 467], p. 53 (original description).

[*non*] *Actinauge nodosa coronata* Verrill, 1883 [Ref. 467], p. 53 (original description).

Actinauge nodosa Fabr.: Danielssen, 1890 [Ref. 321], p. 42–45.

Chondractinia nodosa (Fabricius): Whiteaves, 1901 [Ref. 6236], p. 38.

Chondractinia [*sic*] *nodosa* Fabr.: Carlgren in Nordgaard, 1905 [Ref. 624], p. 159.

Hormathia nodosa Fabr., 1780: Stephenson, 1920 [Ref. 449], p. 535.

[*pro parte*] *Actinauge rugosa* Verrill, 1922 [Ref. 477], p. 95–97 (original description).

Actinauge borealis Verrill, 1922 [Ref. 477], p. 98–99 (original description).

Chondractinia tuberculosa (Verrill): Verrill, 1922 [Ref. 477], p. 102–103.

[*non*] *Hormathia nodosa* (Fabricius 1780): Widersten, 1976 [Ref. 267], p. 871–872.
Hormatia [*sic*] *nodosa* [no author]: Thorbjørn & Høpner Petersen, 2003 [Ref. 1918], p. 188.

***nomados*, *Anthosactis* White, Wakefield Pagels, & Fautin, 1999**

Described from many.

Type specimens: KU 001019: ½ holotype (male) and 5 microscope slides of other half, USA, California, ~200 km off central California, PULSE Cruise sta. M; CAS 106264: ½ paratype (male) and 5 microscope slides of other half, USA, California, ~200 km off central California, PULSE Cruise sta. M; USNM 96574: ½ paratype (male) and 5 microscope slides of other half, USA, California, ~200 km off central California, PULSE Cruise sta. M; LACM 92-113.1: ½ paratype and 5 microscope slides, USA, California, ~200 km off central California, PULSE Cruise sta. M; RBCM 996-24-1: ½ paratype (female) and 5 microscope slides of other half, USA, California, ~200 km off central California, PULSE Cruise sta. M; RBCM 996-25-1: 1 paratype, USA, California, ~200 km off central California, PULSE Cruise sta. M; SBMNH 143214, ½ paratype and 5 microscope slides, *not found*: USA, California, ~200 km off central California, PULSE Cruise sta. M

Synonymy: *Anthosactis nomados* White, Wakefield Pagels, & Fautin, 1999 [Ref. 783], p. 640–645 (original description).

***nordmanni*, *Epiactis* Carlgren, 1921**

Described from x1.

Type specimen: UCMNH *no number*: holotype, Greenland, West Greenland, Nordre Stromfiord, Nordmann sta. 3A

Synonymy: *Epiactis nordmanni* Carlgren, 1921 [Ref. 196], p. 180–181 (original description).

***norvegica*, *Bolocera* Pax, 1909**

Described from x1.

Type specimen: holotype *not found*: Norway, Hjørundfjord, near Saebø (Michael Sars Expedition sta. 278)

Synonymy: *Bolocera norvegica* Pax, 1909 [Ref. 549], p. 341–343 (original description).

***norvegica*, *Edwardsia* Carlgren, 1942**

Described from x1.

Type specimen: NVT 395: holotype, Norway, Trondheimfjord [Trondheimsfjord] [Drontheimsfjord] [Drontheim Fjord], Galgenæsset [Galgeneset] [Galgeneset] (Gunnerus Expedition); MZL *no number*: 10 microscope slides of holotype, Norway, Trondheimfjord [Trondheimsfjord] [Drontheimsfjord] [Drontheim Fjord], Galgenæsset [Galgeneset] [Galgeneset] (Gunnerus Expedition)

Synonymy: *Edwardsia norvegica* Carlgren, 1942 [Ref. 197], p. 60–61 (original description).

Edwardsioides norvegica Carlgren, 1942: England, 1987 [Ref. 63], p. 218.

***norvegica*, *Phellia* Danielssen, 1890**

Described from x2.

Type specimens: MZB 9799: 2? syntypes, Norway, Tanafjord, Norwegian North Atlantic Expedition 1876–1878 sta. 261; MZB 9799: 2? syntypes, Norway, Finnmark [Finmark], Porsanger fiord (Norwegian North Atlantic Expedition 1876–1878 sta. 260)

Synonymy: *Phellia norvegica* Danielssen, 1890 [Ref. 321], p. 67–70 (original description).

Comment: Carlgren (1932) stated "n. sp." but cited Danielssen as source of name.

***norvegicus*, *Amphianthus* Carlgren, 1942**

Described from x11+ several specimens *ex* six localities.

Type specimens: NRS 5695: 3 syntypes, Norway, North Sea, WNW of Bergen; NRS 5662: 3 syntypes, Norway, Trondheimfjord [Trondheimsfjord] [Drontheimsfjord] [Drontheim Fjord], Brettingsnes; NRS 5696: 1 syntype, Norway, Bergen, off Bergen; NRS 5664: 6 syntypes, Norway, Trondheimfjord [Trondheimsfjord] [Drontheimsfjord] [Drontheim Fjord]; NRS 5697: 1 syntype, Norway, Jåderen; NRS 5663: 4 syntypes, Norway, Trondheimfjord [Trondheimsfjord] [Drontheimsfjord] [Drontheim Fjord], Brettingsnes; NRS 5665: 1 syntype,

Norway, Trondheimfjord [Trondheimsfjord] [Drontheimsfjord] [Drontheim Fjord], Brettingsnes; NRS 5667: 3 syntypes, Norway, Trondheimfjord [Trondheimsfjord] [Drontheimsfjord] [Drontheim Fjord], Brettingsnes; NRS 5677: 4 syntypes, Norway, Trondheimfjord [Trondheimsfjord] [Drontheimsfjord] [Drontheim Fjord], Brettingsnes; NRS 5666: 2 syntypes, Norway, Trondheimfjord [Trondheimsfjord] [Drontheimsfjord] [Drontheim Fjord], Rödberg

Synonymy: =? *Sagartia splendens* Danielssen, 1890 [Ref. 321], p. 33–36 (original description).
Amphianthus norvegicus Carlgren, 1942 [Ref. 197], p. 53–55 (original description).

novaehyberniae, *Actinia* Lesson, 1830

Valid name: ***Paractis novaehyberniae* (Lesson, 1830)**

Described from unspecified number.

Type specimens: syntypes *not found*: Papua New Guinea, New Ireland, Port Praslin [Lassim Bay]

***novaehyberniae*, *Paractis* (Lesson, 1830)**

Synonymy: *Actinia Novae-Hyberniae* Lesson, 1830 [Ref. 123], p. 77–78 (original description).

Actinia (Diplostephanus) Novae Hyberniae Less.: Brandt, 1835 [Ref. 65], p. 10.

Actinia Novae-Hiberniae [sic] [no author]: Milne Edwards, 1857 [Ref. 508], p. 245.

Paractis Novae Hyberniae Less.: Andres, 1883 [Ref. 6170], p. 475.

Paractis novaehyberniae (Lesson, 1830): correct orthographic rendering original herein.

novozealandica, *Epiactis* Stephenson, 1918

Valid names used: ***Epiactis neozealandica* Stephenson, 1918; *Epiactis thompsoni* (Coughtrey, 1875)**

Described from x1.

Type specimen: BMNH 1918.8.16.5: 5 microscope slides of holotype, New Zealand, seven miles E of North Cape (*Terra Nova* Expedition 1910 sta. 96); MZL *no number*: 1 microscope slide of holotype, New Zealand, seven miles E of North Cape (*Terra Nova* Expedition 1910 sta. 96)

***nuda*, *Limnactinia* Carlgren, 1927**

Described from x3.

Type specimens: NRS 92: 3 syntypes, South Georgia, Cumberland Bay, off the May Bay (Swedish Antarctic [South Polar] Expedition 1901–1903 sta. 22)

Synonymy: *Limnactinia nuda* Carlgren, 1927 [Ref. 210], p. 7–9 (original description).

nummus, *Phellia* Andres, 1881

Type species of *Phelliopsis* Fischer by monotypy.

Valid names used: ***Hormathia alba* (Andres, 1881); *Hormathia coronata* (Gosse, 1858)**

Described from unspecified number.

Type specimens: syntypes *not found*: Italy, vicinity of Naples

***nutrix*, *Handactis* (Stuckey, 1909) new combination**

Synonymy: *Sagartia nutrix* Stuckey, 1909 [Ref. 244], p. 382–383 (original description).

Cricophorus nutrix (Stuck.): Carlgren, 1924 [Ref. 208], p. 252–258.

Handactis nutrix (Stuckey, 1909): new combination herein.

nutrix, *Sagartia* Stuckey, 1909

Type species of *Cricophorus* by monotypy: type species of ***Handactis*** by replacement.

Valid name: ***Handactis nutrix* (Stuckey, 1909)**

Described from unspecified number.

Type specimens: syntypes *not found*: New Zealand, North Island, Ohiro Bay; syntypes *not found*: New Zealand, North Island, Wellington, Island Bay

***nymphaea*, *Sagartia* (Drayton in Dana, 1846)**

Synonymy: *Actinia nymphaea* Drayton in Dana, 1846 [Ref. 318], p. 146–147 (original description).

Paractis nymphaea [no author]: Milne Edwards, 1857 [Ref. 508], p. 252.

Sagartia nymphaea Verrill: Verrill, 1869 [Ref. 458], p. 486–487.

Sagartia nymphaea Dana: Andres, 1883 [Ref. 6170], p. 392.

nymphaea, *Actinia* Drayton in Dana, 1846

Type species of *Leiotecalia* by monotypy.

Valid names used: *Anthothoe chilensis* (Lesson, 1830); *Parantheopsis ocellata* (Lesson, 1830); *Sagartia nymphaea* (Drayton in Dana, 1846)

Described from unspecified number.

Type specimens: syntypes *not found*: Chile, Valparaiso (United States Exploring Expedition ["Wilkes Expedition"])

***obesa*, *Sicyonis* (Carlgren, 1934)**

Synonymy: *Sicyonis obesus* Carlgren, 1934 [Ref. 292], p. 7–9 (original description).

Sicyonis obesa (Verrill?): Carlgren, 1949 [Ref. 31], p. 81.

obesus, *Sicyonis* Carlgren, 1934

Valid name: ***Sicyonis obesa* (Carlgren, 1934)**

Carlgren (1934) attributed the species to Verrill but could not find the name in a reference, and opined it may be a manuscript name: none of Verrill's publications contains the name.

Described from x1.

Type specimen: holotype *not found*: USA, Virginia Beach, U.S. Fish Commission Steamer *Albatross* 1886 sta. 2727

Comment: Carlgren (1934) headed the description *Actinernus obesus*, presumably because of a label, but noted it belongs in *Sicyonis*.

***obscura*, *Cladactella* Verrill, 1928**

Described from holotype, unspecified number of paratypes.

Type specimens: AMNH 1484: holotype, USA, Hawaiian Islands, Oahu, Honolulu Public Aquarium; BPBM D109: 2 paratypes, USA, Hawaiian Islands, Oahu, Honolulu Public Aquarium

Synonymy: *Cladactella obscura* Verrill, 1928 [Ref. 263], p. 24–25 (original description).

***obtruncata*, *Actinia* Stimpson, 1853**

Described from unspecified number >1.

Type specimens: syntypes *not found*: Canada, New Brunswick, Grand Manan

Synonymy: *Actinia obtruncata* Stimpson, 1853 [Ref. 238], p. 7 (original description).

Actinia obtruncata [no author]: Andres, 1883 [Ref. 6170], p. 598. *species delendae*

***obvolva*, *Adamsia* Daly, Ardelean, Cha, Campbell, & Fautin, 2004**

Described from holotype, x8 paratypes.

Type specimens: KU 001595: holotype, Gulf of Mexico, northern Gulf; CAS 161467: 1 paratype, Gulf of Mexico, northern Gulf; CAS 052749: 1 paratype, USA, Louisiana, Gulf of Mexico, 128 km off New Orleans; UFM 300: 1 paratype, Gulf of Mexico, northern Gulf; USNM 1004630: 1 paratype, Gulf of Mexico, northern Gulf; USNM 265293: 1 paratype, USA, Louisiana, Gulf of Mexico; YPM 28174: 1 paratype, Gulf of Mexico; SBMNH 347281: 1 paratype, Gulf of Mexico, northern Gulf; KU 001591: 1 paratype, Gulf of Mexico

Synonymy: *Adamsia obvolva* Daly, Ardelean, Cha, Campbell, & Fautin, 2004 [Ref. 4890], p. 385–392, 394, 397 (original description).

occidua, *Bolocera* McMurrich, 1893

Valid name: ***Bolocera kerguelensis* Studer, 1879**

Described from x7: x2 listed as "No. 706", x3 as "No. 701", x2 as "No. 697".

Type specimens: USNM 17783: 2 syntypes, Chile, Straits of Magellan, U.S. Fish Commission Steamer *Albatross* 1888 sta. 2779; USNM 17786: 2 syntypes, Chile, west mouth of Straits of Magellan, Reina Adelaida Archipelago, U.S. Fish Commission Steamer *Albatross* 1888 sta. 2783; 2 syntypes *not found*: Argentina, east of Grande Bay, U.S. Fish Commission Steamer *Albatross* 1888 sta. 2771

ocellata, *Actinia* Lesson, 1830

Valid name: ***Parantheopsis ocellata* (Lesson, 1830)**

Described from unspecified number.

Type specimens: syntypes *not found*: Peru, Paita [Payta]

***ocellata*, *Parantheopsis* (Lesson, 1830)**

Synonymy: *Actinia ocellata* Lesson, 1830 [Ref. 123], p. 79–80 (original description).

Cribrina ocellata Ehrenb.: Brandt, 1835 [Ref. 65], p. 15.

=? *Actinia rubus* Drayton *in* Dana, 1846 [Ref. 318], p. 147 (original description).

=? *Actinia nymphæa* Drayton *in* Dana, 1846 [Ref. 318], p. 146–147 (original description). Probably a *nomen dubium* according to Dunn (1983).

Cereus ocellatus [no author]: Milne Edwards, 1857 [Ref. 508], p. 268.

Bunodes ocellata Verrill: Verrill, 1869 [Ref. 458], p. 468–469.

Bunodes occellatus [sic] Less.: Andres, 1883 [Ref. 6170], p. 433.

Bunodactis ocellata (Less.): Verrill, 1899 [Ref. 470], p. 42.

Parantheopsis ocellata (Lesson): McMurrich, 1904 [Ref. 391], p. 235–238.

Condylactis ocellata (Less.): Pax, 1907 [Ref. 402], p. 21, 22, 35.

Parantheopsis occellata [sic] Les.: Stephenson, 1922 [Ref. 451], p. 270.

Parantheopsis ocellata (Lesson), 1828: Carter Verdeilhan (1965) [Ref. 27], p. 144.

***ochracea*, *Paractis* (Duchassaing, 1850)**

Synonymy: *Urticina ochracea* Duchassaing, 1850 [Ref. 70], p. 9 (original description).

Paractis ochracea Duchass.: Duchassaing & Michelotti, 1860 [Ref. 323], p. 39.

Peractis [sic] *Ochracea* [no author]: Duchassaing, 1870 [Ref. 1674], p. 20.

Paractis ochracea [no author]: Andres, 1883 [Ref. 6170], p. 597. *species delendae*

ochracea, *Urticina* Duchassaing, 1850

Valid name: ***Paractis ochracea* (Duchassaing, 1850)**

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, Antilles

***octocirrata*, *Halcampa* Carlgren, 1927**

Described from x2.

Type specimens: NRS 4010: 2 syntypes, South Georgia, Cumberland Bay, off the May Bay (Swedish Antarctic [South Polar] Expedition 1901–1903 sta. 22)

Synonymy: *Halcampa octocirrata* Carlgren, 1927 [Ref. 210], p. 14–15 (original description).

***octoplax*, *Edwardsia* (Sluiter, 1888)**

Synonymy: *Diphthera oktoplax* Sluiter, 1888 [Ref. 541], p. 233–243 (original description). *nomen dubium* according to Williams, 1981 [Ref. 491], p. 349.

Edwardsia octoplax [no author]: Sluiter, 1889 [Ref. 551], p. 47–48.

***octoradiata*, *Aulactinia* (Carlgren, 1899)**

Synonymy: =? *Actinia cruentata* Couthouy *in* Dana, 1846 [Ref. 318], p. 138–139 (original description).

Bunodes octoradiatus Carlgren, 1899 [Ref. 148], p. 20–21 (original description).

Cribrina octoradiata [no author]: Clubb, 1908 [Ref. 35], p. 7–8.

Bunodactis octoradiata (Carlgr.): Pax, 1923 [Ref. 414], p. 26.

Aulactinia octoradiata (Carlgren, 1899): Rodríguez, López-González, & Gili, 2007 [Ref. 5911], p. 1879, 1890, 1899.

***octoradiata*, *Edwardsia* Carlgren, 1931**

Synonymy: *Edwardsia 8-radiata* Carlgren, 1931 [Ref. 287], p. 13–15 (original description).

Edwardsia octoradiata Carlgren 1931: Carlgren, 1949 [Ref. 31], p. 23.

***octoradiata*, *Litophellia* Carlgren, 1938**

Type species of *Litophellia* by monotypy.

Described from x1.

Type specimen: NRS 4052: holotype, South Africa, Durban, Isipingo

Synonymy: *Litophellia octoradiata* Carlgren, 1938 [Ref. 283], p. 70–71 (original description).

Litophellia [sic] octoradiata Carlgr.: Carlgren, 1945 [Ref. 282], p. 19.

***octoradius*, *Bunodes* Carlgren, 1899**

Valid name: ***Aulactinia octoradiata* (Carlgren, 1899)**

Described from x83 (11 collections).

Type specimens: MNB 3854: 1 syntype, South America, Tierra del Fuego, Lennox Island; MNB 4615: 1 syntype, Chile, Straits of Magellan, Punta Arenas; NRS 1179: 5 syntypes, Chile, Straits of Magellan, Punta Arenas; NRS 5560: 4 syntypes, South America, Straits of Magellan, Gente Grande; NRS 5554: 10 syntypes, South America, Straits of Magellan, Port Gallant; NRS 5551: 4 syntypes, South America, Tierra del Fuego, Smyth Channel, Isthmus Bay; NRS 5562: 2 syntypes, Chile, Straits of Magellan, Punta Arenas; NRS 5558: 12 syntypes, Chile, Straits of Magellan [Magelhaensstrasse]; NRS 5559: 8 syntypes, Chile, Straits of Magellan [Magelhaensstrasse]; NRS 5561: 9 syntypes, Chile, Straits of Magellan, Punta Arenas; NRS 5571: 3 syntypes, South America, Tierra del Fuego, Navarin Island, Puerto Toro; NRS 5572: 3 syntypes, South America, Tierra del Fuego, Staten Island, York Bay; ZMH C1500: 6 syntypes, South America, Tierra del Fuego, Lennox Island; ZMH C1499: 1 syntype, Argentina, Tierra del Fuego, Beagle Channel, Lapataia Nueva

***oktoplax*, *Diphthera* Sluiter, 1888**

Type species of *Diphthera* by monotypy.

Valid name: ***Edwardsia oktoplax* (Sluiter, 1888)**

Described from unspecified number

Type specimens: syntypes *not found*: Indonesia, Java, Jakarta Bay [Bay of Batavia]

Comment: *Diphthera oktoplax* described as a sipunculid by Sluiter (1888) (name rendered *oktoplax* on p. 243 and caption to fig. 1). Realizing it was an actiniarian, Sluiter (1889) redescribed it as *Edwardsia oktoplax*.

***olegi*, *Cribrinopsis* Sanamyan & Sanamyan, 2006**

Described from holotype, x18 paratypes.

Type specimens: KPI 246/8: holotype, Russia, Kamchatka, Avacha [Awatcha] Bay, Starichkov Island; KPI 243/5: 2 paratypes, Russia, Kamchatka, Avacha [Awatcha] Bay, Starichkov Island; KPI 244/6: 1 paratype, Russia, Kamchatka, Avacha [Awatcha] Bay, Bezymyannaya Bay; KPI 245/7: 1 paratype, Russia, Kamchatka, Avacha [Awatcha] Bay, Bezymyannaya Bay; KPI 250/12: 1 paratype, Russia, Kamchatka, Avacha [Awatcha] Bay, Bezymyannaya Bay; KPI 251/13: 2 paratypes, Russia, Kamchatka, Avacha [Awatcha] Bay, Bezymyannaya Bay; KPI 240/2: 1-4 paratypes, Russia, East Kamchatka, Kronotsky Bay, Morzhovaya Bay; KPI 241/3: 1-4 paratypes, Russia, East Kamchatka, Kronotsky Bay, Morzhovaya Bay; KPI 248/10: 1 paratype, Russia, Kamchatka, Avacha [Awatcha] Bay, Starichkov Island; KPI 247/9: 1 paratype, Russia, Kamchatka, Avacha [Awatcha] Bay, Starichkov Island; KPI 249/11: 1 paratype, Russia, Kamchatka, Avacha [Awatcha] Bay, Bezymyannaya Bay; KPI 239/1: 1-4 paratypes, Russia, East Kamchatka, Kronotsky Bay, Morzhovaya Bay; KPI 242/4: 1-4 paratypes, Russia, East Kamchatka, Kronotsky Bay, Morzhovaya Bay; KPI 252/14: 1 paratype, Russia, Kamchatka, Avacha [Awatcha] Bay, Bezymyannaya Bay

Synonymy: *Cribrinopsis olegi* Sanamyan & Sanamyan, 2006 [Ref. 5638], p. 359, 364, 365–369, 383, 385, 389, 390 (original description)

***olguini*, *Edwardsia* Daly & Ljubenkov, 2008**

Described from holotype, x1 paratype.

Type specimens: CAS 175216: holotype, USA, California, San Diego; CAS 175252: 1 paratype, USA, California, San Diego

Synonymy: *Edwardsia olguini* Daly & Ljubenkov, 2008 [Ref. 5980], p. 1–3, 6, 9, 10, 13, 14, 22–24 (original description).

olivacea, Actinecta (Le Sueur, 1817)

Synonymy: *Actinia olivacea* Le Sueur, 1817 [Ref. 128], p. 152–154, 170, 185, 187 (original description). senior homonym

Actinecta olivacea [no author]: de Blainville, 1834 [Ref. 64], p. 319.

[*non*] *Actinia olivacea* Hemprich & Ehrenberg in Ehrenberg, 1834 [Ref. 58], p. 262 (original description). junior primary homonym

Nautactis olivacea [no author]: Milne Edwards, 1857 [Ref. 508], p. 230.

Phyllominyas olivacea Les.: Andres, 1883 [Ref. 6170], p. 566–567.

Minyas olivacea (Leseur 1817): Carlgren, 1949 [Ref. 31], p. 72.

olivacea, Actinia Le Sueur, 1817

Type species of *Nautactis* by monotypy.

Senior homonym to junior primary homonym of Hemprich & Ehrenberg in Ehrenberg (1834).

Valid name: ***Actinecta olivacea (Le Sueur, 1817)***

Described from xl.

Type specimen: holotype *not found*: Atlantic Ocean

olivacea, Actinia Hemprich & Ehrenberg in Ehrenberg, 1834

Junior primary homonym to senior homonym of Le Sueur (1817).

Valid name: ***Anthothoe olivacea (Hemprich & Ehrenberg in Ehrenberg, 1834)***

Described from unspecified number.

Type specimens: syntypes *not found*: Egypt, Red Sea [Mer Rouge], Tor [Tur, El-Tur, El Tûr]

olivacea, Anthea Hutton, 1879

Valid name: ***Isactinia olivacea (Hutton, 1879)***

Described from unspecified number >1.

Type specimens: syntypes *not found*: New Zealand, South Island, near Dunedin

olivacea, Anthothoe (Hemprich & Ehrenberg in Ehrenberg, 1834)

Synonymy: [*non*] *Actinia olivacea* Le Sueur, 1817 [Ref. 128], p. 152–154, 170, 185, 187 (original description). senior homonym

Actinia olivacea Hemprich & Ehrenberg in Ehrenberg, 1834 [Ref. 58], p. 262 (original description). junior primary homonym

Actinia (Tristephanus) olivacea Ehrenb.: Brandt, 1835 [Ref. 65], p. 11.

Paractis olivacea [no author]: Klunzinger, 1877 [Ref. 121], p. 70–71.

Entacmaea olivacea H. u. E.: Carlgren, 1899 [Ref. 152], p. 15.

?*Anthothoë olivacea* (H. and E. Ehrenberg 1834): Carlgren, 1949 [Ref. 31], p. 103.

olivacea, Isactinia (Hutton, 1879)

Synonymy: *Anthea olivacea* Hutton, 1879 [Ref. 117], p. 312–313 (original description).

Anemonia olivacea Hutton: Farquhar, 1898 [Ref. 75], p. 527.

Gyrostoma olivacea Hutton: Stephenson, 1922 [Ref. 451], p. 268.

Isactinia olivacea Hutton, 1878: Parry, 1951 [Ref. 181], p. 87, 90, 109–110.

Isactinia olivacae [*sic*] [no author]: England, 1987 [Ref. 63], p. 271.

opalescens, Choriactis Pax, 1922

Valid name: ***Paractis laevis (Carlgren, 1899)***

Described from unspecified number.

Type specimens: MNHN 2378: 2 syntypes, Antarctica, South Shetland Islands, King George's Island, *Pourquoi Pas* sta. XVII

ophiseocoma, Eumenides Lesson, 1830

Type species of *Eumenides* by monotypy.

Described from unspecified number.

Type specimens: syntypes *not found*: New Guinea, Manokwari [Port Dorey]

Synonymy: *Eumenides ophiseocoma* Lesson, 1830 [Ref. 123], p. 81–83 (original description).

Eumenides ophiseocoma Less.: Andres, 1883 [Ref. 6170], p. 570. *incertae sedis*

***orangina*, *Chondrophellia* Zelnio, Rodríguez, & Daly, 2009**

Described from holotype, x1 paratype.

Type specimens: USNM 1114488: holotype, Fiji, Lau Basin, *Kilo Moana*, MGLNO7MV sta. J2-235; USNM 1114489: 1 paratype, Fiji, Lau Basin, *Kilo Moana*, MGLNO7MV sta. J2-235

Synonymy: *Chondrophellia orangina* Zelnio, Rodríguez, & Daly, 2009 [Ref. 6100], p. 558, 559, 560, 561, 562, 569 (original description).

***orientalis*, *Amphiactis* Verrill, 1869**

Type species of *Amphiactis* by monotypy.

Described from x1.

Type specimen: YPM 9691: holotype, Japan, Ogasawara Islands [Bonin Islands] Islands

Synonymy: *Amphiactis orientalis* Verrill, 1869 [Ref. 461] (1870), p. 68–69, 102 [34–35, 68] (original description).

orientalis, *Anthopleura* Averincev, 1967

Valid name: ***Oulactis orientalis* (Averincev, 1967)**

Described from holotype, x5 paratypes.

Type specimens: RAS 9208: holotype, Russia, Sea of Japan, Possjet [Posjet] [Pos'et] Bay; 5 paratypes *not found*: Russia, Sea of Japan, Possjet [Posjet] [Pos'et] Bay

***orientalis*, *Oulactis* (Averincev, 1967)**

Synonymy: *Anthopleura orientalis* Averincev, 1967 [Ref. 13], p. 69–72 (original description).

Oulactis orientalis [no author]: Tsurpalo & Kostina, 2003 [Ref. 1787], p. 31–40.

ornata, *Actinia* Holdsworth, 1855

Senior homonym to junior primary homonym of Wright (1856). Resolved by considering both species junior synonyms.

Valid name: ***Sagartia troglodytes* (Price in Johnston, 1847)**

Described from "several examples."

Type specimens: syntypes *not found*: UK, England, Devon, entrance to Dartmouth Harbour

ornata, *Actinia* Wright, 1856

Valid name: ***Sagartia elegans* (Dalyell, 1848)**

Junior primary homonym to senior homonym of Holdsworth (1855). Resolved by considering both species junior synonyms.

Identical publication by Wright later in 1856.

Described from unspecified number >1.

Type specimens: syntypes *not found*: UK, Isle of Arran, South Corrigills

***ornata*, *Actinostella* (Verrill, 1869)**

Synonymy: *Lophactis ornata* Verrill, 1869 [Ref. 458], p. 464 (original description).

Phyllactis ornata (Verrill 1869a): Carlgren, 1949 [Ref. 31], p. 67.

Actinostella ornata (Verrill, 1869): Häussermann, 2003 [Ref. 1881], p. 179.

ornata, *Lophactis* Verrill, 1869

Type species of *Lophactis* by monotypy.

Valid name: ***Actinostella ornata* (Verrill, 1869)**

Described from x1.

Type specimen: YPM 2105: holotype, Panama, Golfo de Panama [Gulf of Panama, Bay of Panama], Archipelago Las Perlas [Pearl Islands]

***ornata*, *Stephensonactis* Panikkar, 1936**

Type species of *Stephensonactis* by monotypy.

Described from unspecified number.

Type specimens: syntypes *not found*: India, Tamil Nadu, Madras [Chennai]

Synonymy: *Stephensonactis ornata* Panikkar, 1936 [Ref. 177], p. 232, 235, 239–242, 247 (original description).

ornatum, *Amphianthus* Hertwig, 1888

Valid name: ***Amphianthus bathybium* Hertwig, 1882**

Described from x5 *ex* three localities.

Type specimens: BMNH 1889.11.25.38: 1 syntype, Atlantic Ocean, off Bermuda (*Challenger* Expedition 1873–1876 sta. 56); BMNH 1889.11.25.39: 2 syntypes, Northwest Pacific Ocean (*Challenger* Expedition 1873–1876 sta. 241); 1 syntype *not found*: 35°22'N, 169°53'E (*Challenger* Expedition 1873–1876 sta. 244)

***ostraeorum*, *Actinia* Gay, 1854**

Described from unspecified number.

Type specimens: syntypes *not found*: Chile, Chiloé Island, San Carlos

Synonymy: *Actinia ostraeorum* Gay, 1854 [Ref. 5981], p. 451 (original description).

ostroumowi, *Halcampella* Wyragévitch, 1905

Type species of *Synhalcampella* by monotypy.

Valid name: ***Synhalcampella oustromowi* (Wyragévitch, 1905)**

Described from x47.

Type specimens: syntypes *not found*: Ukraine, Black Sea, Balaklava Bay

***ostroumowi*, *Synhalcampella* (Wyragévitch, 1905)**

Synonymy: *Halcampella Ostromowi* Wyragévitch, 1905 [Ref. 751], p. 1–8 (original description).

Synhalcampella Oustromovi [*sic*] (Wyragévitch 1905): Carlgren, 1949 [Ref. 31], p. 25.

Synhalcampella oustromovi [*sic*] (Wyragévitch, 1905): Loukmidou, Chintiroglou, & Doumenc, 1996 [Ref. 664] (1996), p. 70, 108.

Synhalcampella oustromowi (Wyragévitch, 1905): correct spelling original herein.

ovata, *Stephanaactis* Wassilieff, 1908

Valid name: ***Stephanauge ovata* (Wassilieff, 1908)**

Described from x4.

Type specimens: syntypes *not found*: Japan, Honshu, Sagami Bay

***ovata*, *Stephanauge* (Wassilieff, 1908) new combination**

Synonymy: *Stephanaactis ovata* Wassilieff, 1908 [Ref. 478], p. 43–45 (original description).

Stephanauge ovata (Wassilieff, 1908): new combination herein

***pabista*, *Paraphelliactis* Dunn, 1982**

Described from x12 *ex* five localities.

Type specimens: CMN CMNI 1982-0038: holotype, Canada, British Columbia, Queen Charlotte Islands, off the southern tip; CMN CMNI 1982-0039 a,b: 2 microscope slides of holotype, Canada, British Columbia, Queen Charlotte Islands, off the southern tip; CMN CMNI 1982-0040 a,b: 2 microscope slides of holotype, Canada, British Columbia, Queen Charlotte Islands, off the southern tip; CAS 028043: 1 paratype, 49°53'N, 127°23'W; CAS 028040: 1 paratype, 53°33'N, 133°38'W; CAS 026000: 2 paratypes, Canada, British Columbia, Queen Charlotte Islands, off the southern tip; CAS 025999: 2 paratypes, 51°27'N, 131°48'W; CMN CMNI 1982-0041: 1 paratype, Canada, off British Columbia, south of Queen Charlotte Islands; USNM 60379: 2 paratypes, Canada, off British Columbia, south of Queen Charlotte Islands; RBCM 982-1-1: 2 paratypes, Canada, off British Columbia, south of Queen Charlotte Islands

Synonymy: *Paraphelliactis pabista* Dunn, 1982 [Ref. 343], p. 51–56 (original description).

pachyderma, *Isotealia* Pax, 1922

Valid name: ***Tealanthus pachydermus* (Pax, 1922)**

Described from x1.

Type specimen: MNB 7269: holotype, Antarctica, 66°2'S, 89°38'E (Deutsche Sudpolar-Expedition 1901–03 Gauß-Station); MZL *no number*: 2 microscope slides of holotype, Antarctica, 66°2'S, 89°38'E (Deutsche Sudpolar-Expedition 1901–03 Gauß-Station)

***pachydermus*, *Tealanthus* (Pax, 1922)**

Synonymy: *Isotealia pachyderma* Pax, 1922 [Ref. 413], p. 79–80 (original description).

[*pro parte*] *Isotealia antarctica* Carlgr.: Pax, 1923 [Ref. 414], p. 3, 5–6, 25, 26.

Tealanthus incertus Carlgren, 1927 [Ref. 210], p. 38–40 (original description).

Tealanthus pachyderma (Pax 1922): Carlgren, 1949 [Ref. 31], p. 56.

Tealanthus pachydermus (Pax, 1922): correct spelling original herein.

pacifica, *Anthopleura* Uchida, 1938

Valid name: ***Anthopleura nigrescens* (Verrill, 1928)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: Japan, southern Hokkaido; syntypes *not found*: Korea, southern Korea; syntypes *not found*: Japan, Honshu, Mutsu Bay

***pacifica*, *Stomphia* Ross & Zamponi, 1995**

Described from x15 *ex* two localities.

Type specimens: MLP 8.508: holotype, Canada, British Columbia, Vancouver Island, Barkley Sound; CMN CMNI 1987-0211: 1½ paratypes, Canada, British Columbia, Vancouver Island, Barkley Sound; CMN CMNI 1987-0210: 25 microscope slides of paratype, Canada, British Columbia, Vancouver Island, Barkley Sound

Synonymy: *Stomphia pacifica* Ross & Zamponi, 1995 [Ref. 218], p. 8–12 (original description).

paguri, *Sagartia* Stimpson *in* Verrill, 1869

Type species of *Verrillactis* by original designation.

Valid name: ***Verrillactis paguri* (Stimpson *in* Verrill, 1869)**

Described from unspecified number.

Type specimens: syntypes *not found*: China Sea

***paguri*, *Verrillactis* (Stimpson *in* Verrill, 1869)**

Synonymy: *Sagartia Paguri* Stimpson *in* Verrill, 1869 [Ref. 461] (1870), p. 57 [23] (original description).

Sagartia paguri Verrill: McMurrich, 1903 [Ref. 1625], p. 427–428.

Sagartia paguti [*sic*] Verrill: Verrill, 1928 [Ref. 263], p. 15.

Calliactis armillatas Verrill, 1928 [Ref. 263], p. 20–21 (original description).

Adamsia paguri (Verrill 1869): Carlgren, 1949 [Ref. 31], p. 98.

Sagartiomorpe paguri (Verrill, 1869): Cutress & Ross, 1969 [Ref. 1458], p. 236.

Verrillactis paguri (Verrill): England, 1971 [Ref. 60], p. 29–35.

***palliata*, *Adamsia* (Fabricius, 1779)**

Synonymy: *Medusa palliata* Bohadsch, 1761 [Ref. 655], p. 135–138. unavailable (see below).

Medusa palliata Fabricius, 1779 [Ref. 641], p. 328. (original description)

[*non*] *Actinia maculata* Bruguière, 1789 [Ref. 606], p. 14. senior homonym

Actinia maculata Adams, 1800 [Ref. 2], p. 8 (original description). junior primary homonym

Actinia carcinopados Otto, 1823 [Ref. 656], p. 288–292 (original description).

Actinia picta Risso, 1826 [Ref. 739], p. 286 (original description). senior homonym

Actinia carcinopoda [*sic*] [no author]: Delle Chiaje, 1829 [Ref. 627], p. 470–471.

Actinia carcinopodos [*sic*] [no author]: de Blainville, 1830 [Ref. 94], p. 292.

[*non*] *Actinia picta* Lesson, 1830 [Ref. 123], p. 80 (original description). junior primary homonym

Actinia carcinopados [sic] [no author]: Gravenhorst, 1831 [Ref. 654], p. 133.
Actinia casciniopados [sic] Otto: Rapp, 1831 [Ref. 623], p. 123.
Cribrina palliata (Fabricius): Ehrenberg, 1834 [Ref. 58], p. 265.
Adamsia palliata J. Adams: Johnston, 1847 [Ref. 694], p. 207–210.
Adamsia palliata var. Cocks: Cocks, 1851 [Ref. 36], p. 4.
Adamsia maculata Johnst.: Thompson, 1856 [Ref. 705], p. 463.
Actinia Carciniopodos [sic] Otto: Lessona, 1865 [Ref. 563], p. 426.
Actinia palliata [no author]: Heller, 1868 [Ref. 662], p. 14–15.
Sargartia [sic] *palliata* [no author]: Duerden, 1905 [Ref. 678], p. 507.
Adamsia carcinopados (Otto): Manuel, 1981 [Ref. 384], p. 176–177.
Adamsia carcinopados [sic] (Otto, 1823): Uchida & Soyama, 2001 [Ref. 1832], p. 142, 150, 153.
Adamsia carcioniopados [sic] [no author]: Braga Gomes, Zamponi, & Solé-Cava, 2003 [Ref. 5789], p. 151.

Comments: Names in Bohadsch (1761) (and its German translation by Leske, 1776) ruled nomenclaturally unavailable in Opinion 185 of the International Commission on Zoological Nomenclature (Opinions and Declarations Rendered by the International Commission on Zoological Nomenclature volume 3, part 4, p. 37–52: published October 1944). Manuel (1981: 177), in stating “*Actinia maculata* Adams, 1800 ... is preoccupied,” was presumably referring its senior homonym, *Actinia maculata* of Bruguière (1789), a name that refers to the species described as *Priapus polypus* by Forsskåll, so it an unnecessary replacement name. An unnecessary substitute name is available nonetheless (International Code of Zoological Nomenclature Article 10.6). Manuel (1981) did not cite the publication by Fabricius in which *Medusa palliata* was made available.

palliata, *Medusa* Fabricius, 1779

Type species of *Adamsia* by original designation, in agreement with Carlgren (1949) [Ref. 31], who rendered authorship of the species as Bohadsch, 1761: Daly *et al.* (2004), noting the names of Bohadsch (1761) were ruled nomenclaturally unavailable in Opinion 185 of the International Commission on Zoological Nomenclature (Opinions and Declarations Rendered by the International Commission on Zoological Nomenclature volume 3, part 4, p. 37–52: published October 1944), stated type species was *Actinia palliata* Fabricius, 1779. Thompson (1858) stated *Adamsia palliata* (without an author) was type species, and Stephenson (1920) rendered it as “*A. palliata*” Bohadsch, 1761. Manuel (1981) stated it was *Actinia carcinopados* Otto, 1823: the designation of *Actinia maculata*, attributed to Adams (1800) [Ref. 2] by Forbes (1840), was repeated by Fautin *et al.* (2007) [Ref. 5913]. *Medusa palliata* Bohadsch, 1761, senior subjective synonym of *Actinia maculata* Bruguière, 1789, and of *A. carcinopados* (Otto, 1823).

Valid name: ***Adamsia palliata* (Fabricius, 1779)**

Described from unspecified number.

Type specimens: syntypes *not found*: Norway and Denmark

pallida, *Actinia* Holdsworth, 1855

Valid name: ***Metridium senile* (Linnaeus, 1761)**

Described from x10.

Type specimens: syntypes *not found*: UK, England, Devon, entrance to Dartmouth Harbour

***pallida*, *Aiptasia* (Agassiz in Verrill, 1864)**

Synonymy: *Dysactis pallida* L. Agassiz in Verrill, 1864 [Ref. 455], p. 26 (original description).

Paranthea pallida Verrill: Verrill, 1868 [Ref. 460], p. 322 [8].

Aiptasia Agassizii Andres, 1883 [Ref. 6170], p. 391 (original description as *nomen novum*).

Aiptasia pallida (Agass.): McMurrich, 1887 [Ref. 385], p. 59–61.

[*pro parte*] *Aiptasia*: McMurrich, 1889 [Ref. 546], p. 102–104.

[*pro parte*] *Aiptasia tagetes* (D. and M.) Andres: Verrill, 1900 [Ref. 474], p. 557.

Aiptasioides pallida [no author]: Stephenson, 1918 [Ref. 448], p. 51.

***pallida*, *Anthopleura* Duchassaing & Michelotti, 1864**

Also in synonymy of ***Gyractis sesere* (Haddon & Shackleton, 1893)**

Senior homonym to junior secondary homonym created by Carlgren (1949) for *Gyractis pallida* Boveri, 1893. Resolved by considering Boveri species a junior synonym.

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, Virgin Islands, St. Thomas

Synonymy: *Anthopleura pallida* Duchassaing & Michelotti, 1864 [Ref. 322], p. 32–33 (original description). senior homonym

Anthopleura Pallida [no author]: Duchassaing, 1870 [Ref. 1674], p. 20.

[*non*] *Gyractis pallida* Boveri, 1893 [Ref. 26], p. 251–252 (original description).

Actinioides pallida (Duch. and Mich.): Duerden, 1897 [Ref. 55], p. 453.

Actinoides [*sic*] *pallida* (Duch. and Mich.) Duerden: Verrill, 1900 [Ref. 474], p. 558.

Bunodactis stelloides catenulata Verrill, 1907 [Ref. 476], p. 263 (original description).

[*non*] *Anthopleura pallida* (Boveri 1893): Carlgren, 1949 [Ref. 31], p. 53. junior secondary homonym

Anthopleura catenulata (Verrill): Cairns, den Hartog, & Arneson, 1986 [Ref. 1185], p. 177, 178.

***pallida*, *Drillactis* (Verrill, 1880)**

Synonymy: *Edwardsia pallida* Verrill, 1880 [Ref. 464], p. 198–199 (original description). senior homonym

Halcampa pallida Verr.: Andres, 1883 [Ref. 6170], p. 317.

[*non*] *Edwardsia clavata pallida* Carlgren, 1893 [Ref. 145], p. 14–17, 148 (original description). junior primary homonym

[*non*] *Edwardsia pallida* [no author]: Carlgren, 1921 [Ref. 196], p. 35–37.

Drillactis pallida [no author]: Verrill, 1922 [Ref. 477], p. 133–134.

pallida, *Dysactis* L. Agassiz in Verrill, 1864

Type species of *Paranthea* by original designation.

Valid name: ***Aiptasia pallida* (Agassiz in Verrill, 1864)**

Described from unspecified number.

Type specimens: MCZ 1004: 2 syntypes, USA, South Carolina, Charleston

Comment: *Aiptasia agassizii* Andres, 1883, a *nomen novum* for this species.

pallida, *Edwardsia* Verrill, 1880

Senior homonym to junior primary homonym *Edwardsia clavata pallida* Carlgren, 1893 (Carlgren raised to species level in 1921). Resolved by Williams (1981) creating replacement name (International Code of Zoological Nomenclature Article 60) *Edwardsia carlgreni* for Carlgren species.

Type species of ***Drillactis*** by original designation.

Valid name: ***Drillactis pallida* (Verrill, 1880)**

Described from unspecified number.

Type specimens: USNM 25310: 7 (?) syntypes, USA, Massachusetts, Provincetown; USNM 23818: 7? syntypes, USA, Massachusetts, Provincetown; YPM 23800: 4? syntypes, USA, Massachusetts, Provincetown; MZL *no number*: 1 microscope slide of syntype, USA, Massachusetts, Provincetown

pallida, *Gyractis* Boveri, 1893

Valid name: ***Gyractis sesere* (Haddon & Shackleton, 1893)**

Described from x1.

Type specimen: holotype *not found*: Sri Lanka [Ceylon], Galle

***panamensis*, *Anthothoe* (Verrill, 1869)**

Synonymy: *Sagartia Panamensis* Verrill, 1869 [Ref. 458], p. 484 (original description).

Sagartia panamensis Verr.: Andres, 1883 [Ref. 6170], p. 394.

Anthothoë panamensis n. sp. Carlgren, 1949 [Ref. 31], p. 103.

Anthothoe panamensis (Verrill): Excoffon, Belém, Zamponi, & Schlenz, 1997 [Ref. 1245], p. 107.

Comment: Carlgren (1950: 433) [Ref. 304] “doubtfully” referred to this species two specimens collected in the Gulf of California by Ricketts. Presumably, they were what he had referred to in 1949 as a new species with the same name as Verrill’s species from Panama. In support of this interpretation, several species formally described in the 1950 publication had been referred to in the 1949 catalog.

panamensis, *Phellia* Verrill, 1869

Type species of *Phelliopsis* Verrill by original designation. Type species of *Plastophellia* by original designation.
(*Plastophellia* is correct spelling of name originally rendered as *Plastaphellia*.)

Valid name: ***Telmatactis panamensis* (Verrill, 1869)**

Described from unspecified number >1.

Type specimens: YPM 2108: 8 syntypes, Panama; YPM 2107: 2 syntypes, Panama

panamensis, *Sagartia* Verrill, 1869

Valid name: ***Anthothoe panamensis* (Verrill, 1869)**

Described from unspecified number.

Type specimens: YPM 1010: 2 syntypes, Panama, eastern reef

***panamensis*, *Telmatactis* (Verrill, 1869)**

Synonymy: *Phellia Panamensis* Verrill, 1869 [Ref. 458], p. 490 (original description).

Phellia panamensis [no author]: Hertwig, 1882 [Ref. 380], p. 81.

Phelliopsis Panamensis Ver.: Verrill, 1899 [Ref. 472], p. 214–216.

Phellia rapanuiensis Carlgren, 1922 [Ref. 206], p. 153–156 (original description).

Telmatactis panamensis (Verrill 1869a): Carlgren, 1949 [Ref. 31], p. 91.

Telmatactis rapanuiensis (Carlgren 1920): Carlgren, 1949 [Ref. 31], p. 91.

Telmatactis rapanuiensis [sic] (Carlgren, 1920): Doumenc, Chintiroglou, & Foubert, 1989 [Ref. 51], p. 11, 12, 24, 25, 26, 28, 29, 35–38.

***panikkarii*, *Anthopleura* Parulekar, 1968**

Described from x6 *ex* three localities.

Type specimens: ZSI P. 1858/1: holotype, India, Ratnagiri, Vengurla Port; ZSI *no number*: 1-3 paratypes, India, Ratnagiri, Vengurla Port; ZSI *no number*: 1-3 paratypes, India, Maharashtra, Bombay [Mumbai], Bandra Point; ZSI *no number*: 1-3 paratypes, India, Goa, Kalangut

Synonymy: *Anthopleura panikkarii* Parulekar, 1968 [Ref. 183], p. 590–595 (original description).

Anthopleura pannikkarri [sic] Parulekar, 1968: England, 1987 [Ref. 63], p. 239.

***pannosa*, *Bolocera* McMurrich, 1893**

Described from x8.

Type specimens: USNM 17801: 4 syntypes, USA, California, north of Channel Islands, San Clemente Island, U.S. Fish Commission Steamer *Albatross* 1888 sta. 2839

Synonymy: *Bolocera pannosa* McMurrich, 1893 [Ref. 386], p. 155, 156–158, 159–160, 206 (original description).

Bolocera panuosa [sic] McMurrich: Carlgren, 1896 [Ref. 735], p. 174.

papaver, *Actinia* Drayton *in* Dana, 1846

Valid name: ***Paractis papaver* (Drayton *in* Dana, 1846)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: Australia, New South Wales, Wollongong, Illawarra (United States Exploring Expedition ["Wilkes Expedition"])

***papaver*, *Paractis* (Drayton *in* Dana, 1846)**

Synonymy: *Actinia papaver* Drayton *in* Dana, 1846 [Ref. 318], p. 143 (original description).

Paractis papaver [no author]: Milne Edwards, 1857 [Ref. 508], p. 249.

[*non*] *Paractis papaver* [no author]: Clubb, 1908 [Ref. 35], p. 3–4.

papillosa, *Actinia* Lesson, 1830

Type species of *Rivetia* by monotypy.

Senior homonym to junior primary homonym of Ehrenberg (1834). Resolved by considering Ehrenberg name a junior synonym.

Valid name: ***Phymactis papillosa* (Lesson, 1830)**

Described from unspecified number.

Type specimens: syntypes *not found*: Peru; syntypes *not found*: Chile, Isla de Quiriquina; syntypes *not found*: Chile, Talcahuano Bay

papillosa, *Actinia* Ehrenberg, 1834

Junior primary homonym to senior homonym of Lesson (1830). Resolved by considering Ehrenberg name a junior synonym.

Valid name: *Urticina felina* (Linnaeus, 1761)

Described from unspecified number.

Type specimens: syntypes *not found*: Norwegian Sea

***papillosa*, *Echinactis* (Lesson, 1830)**

Synonymy: *Sarcophinanthus papillosus* Lesson, 1830 [Ref. 123], p. 70–71 (original description).

Echinactis papillosa [no author]: Milne Edwards & Haime, 1851 [Ref. 162], p. 9.

***papillosa*, *Phymactis* (Lesson, 1830)**

Synonymy: *Actinia papillosa* Lesson, 1830 [Ref. 123], p. 78 (original description). senior homonym

[*non*] *Actinia papillosa* Ehrenberg, 1834 [Ref. 58], p. 257 (original description). junior primary homonym

Actinia clematis Drayton *in* Dana, 1846 [Ref. 318], p. 130–131 (original description).

Actinia florida Drayton *in* Dana, 1846 [Ref. 318], p. 131–132 (original description).

Cereus papillosus [no author]: Milne Edwards, 1857 [Ref. 508], p. 267.

Phymactis florida [no author]: Milne Edwards, 1857 [Ref. 508], p. 274.

[*non*] *Phymactis clematis* [no author]: Milne Edwards, 1857 [Ref. 508], p. 275.

Bunodes papillosa Verrill: Verrill, 1869 [Ref. 458], p. 468.

=? *Cladactis grandis* Verrill, 1869 [Ref. 458], p. 472–473 (original description).

Phymactis clematis Edwards and H.: Verrill, 1869 [Ref. 458], p. 476.

Bunodes papillosus Less.: Andres, 1883 [Ref. 6170], p. 432.

Rivetia papillosa Less.: Pax, 1912 [Ref. 408], p. 6–11, 25.

=? *Phymactis capensis* [no author]: Pax, 1912 [Ref. 408], p. 26, 27, 28.

Phymactis papillosa Les.: Stephenson, 1922 [Ref. 451], p. 285.

Bunodactis papillosa (Verrill 1869): Carlgren, 1949 [Ref. 31], p. 66.

=? *Phlyctenactis tuberculosa* (Quoy y Gaimard, 1833): Zamponi & Excoffon, 1995 [Ref. 279], p. 1–5.

Comment: The names of color varieties of this species named by Häussermann, 2004 [Ref. 5017], not being regulated by the International Code of Zoological Nomenclature name (Articles 1.3.4, 15.1, 45.5.1), are not available.

papillosa, *Stichodactis* Kwietniewski, 1898

Type species of *Stichodactis* by monotypy.

Valid name: ***Heteractis malu* (Haddon & Shackleton, 1893)**

Described from x1 *ex* Ambon or Thursday Island.

Type specimen: holotype *not found*: Ambon or Thursday Island

***papillosus*, *Halcampogeton* Carlgren, 1937**

Type species of *Halcampogeton* by original designation.

Described from x1.

Type specimen: USNM 43238: holotype, 18°40'15"N, 64°50'15"W (Johnson-Smithsonian Deep-Sea Expedition sta. 100)

Synonymy: *Halcampogeton papillosus* Carlgren, 1937 [Ref. 293], p. 1–4 (original description).

papillosus, *Sarcophinanthus* Lesson, 1830

Type species of *Echinactis* by monotypy.

Valid name: ***Echinactis papillosa* (Lesson, 1830)**

Described from unspecified number (inferred x1).

Type specimen: holotype *not found*: Papua New Guinea, New Ireland, Port Praslin [Lassim Bay], Marteaux Island [Lambom Island]

***papuana*, *Actinia* Quoy & Gaimard, 1833**

Described from unspecified number.

Type specimens: syntypes *not found*: New Guinea, Manokwari [Port Dorey]

Synonymy: *Actinia papuana* Quoy et Gaimard: de Blainville, 1830 [Ref. 94], p. 293. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 12.1.

Actinia Papuana Quoy & Gaimard, 1833 [Ref. 194], p. 165–166 (original description).

Actinia papuana [no author]: Andres, 1883 [Ref. 6170], p. 592. *species delendae*

papuensis, *Actinioides* Haddon, 1898

Valid name: ***Anthopleura dixoniana* (Haddon & Shackleton, 1893)**

Described from unspecified number.

Type specimens: MZC *no number*: 2+ syntypes, Australia, Queensland, Torres Strait, Mabuiag, shore near a mangrove swamp

***paradoxa*, *Actinothoe* (McMurrich, 1893)**

Synonymy: *Sagartia paradoxa* McMurrich, 1893 [Ref. 386], p. 180–181, 198, 206 (original description).

Actinothoë paradoxa (McMurrich 1893): Carlgren, 1949 [Ref. 31], p. 103.

***paradoxa*, *Aulorchis* Hertwig, 1888**

Type species of *Aulorchis* by monotypy.

Described from x1.

Type specimen: BMNH 1889.11.25.36: holotype, 33°31'S, 74°43'W (*Challenger* Expedition 1873–1876 sta. 299)

Synonymy: *Aulorchis paradoxa* Hertwig, 1888 [Ref. 382], p. 21–24 (original description).

paradoxa, *Sagartia* McMurrich, 1893

Valid name: ***Actinothoe paradoxa* (McMurrich, 1893)**

Described from "several specimens" ("No. 692").

Type specimens: USNM 17775: 11 syntypes, Argentina, La Plata River, U.S. Fish Commission Steamer *Albatross* 1888 sta. 2766; NRS 5620: 2 syntypes, Argentina, La Plata River, U.S. Fish Commission Steamer *Albatross* 1888 sta. 2766

parasitica, *Actinia* Couch, 1842

Type species of *Sagartia* by subsequent designation (Thompson, 1858) [Ref. 252]. *Actinia miniata*, stated by Haddon (1889) [Ref. 362] to have been intended by Gosse to be type species and considered type species by Stephenson (1920) [Ref. 449], and *Actinia elegans*, listed by Carlgren (1949) [Ref. 31], by Manuel (1981) [Ref. 384], and by Fautin *et al.* (2007) [Ref. 5913] as type species, ineligible because not among species originally included in genus (International Code of Zoological Nomenclature Article 69.2). *Actinia parasitica* currently placed in ***Calliactis***.

Valid name: ***Calliactis parasitica* (Couch, 1842)**

Described from unspecified number.

Type specimens: syntypes *not found*: UK, England, Cornwall

Comment: Name not found in the 1838 book on Cornish fauna by J. Couch that may be said to be its source, but is on the page cited in 1844 book on Cornish fauna by R. Couch. 1842 publication appears to contain earliest mention of the name.

***parasitica*, *Allantactis* Danielssen, 1890**

Type species of *Allantactis* by monotypy.

Also in synonymy of *Hormathia digitata* (Müller, 1776)

Described from x4.

Type specimens: MZB 616: 3 syntypes, 63°5'N, 3°0'E (Norwegian North Atlantic Expedition 1876–1878 sta. 33); MZB 8217: 1 syntype, 63°5'N, 3°0'E (Norwegian North Atlantic Expedition 1876–1878 sta. 33); MZL *no number*: 2 microscope slides of syntype, 63°5'N, 3°0'E (Norwegian North Atlantic Expedition 1876–1878 sta. 33)

Synonymy: *Allantactis parasitica* Danielssen, 1890 [Ref. 321], p. 20–24 (original description).
Calliactis Krøyeri Danielssen, 1890 [Ref. 321], p. 36–39 (original description).
Calliactis Kroeyeri Danielssen: Carlgren, 1895 [Ref. 734], p. 285.
Calliactis kroyeri Dan., 1887: Stephenson, 1920 [Ref. 449], p. 529.
=? *Allantactis parasitica* Dan.: Carlgren, 1942 [Ref. 197], p. 34–36.

parasitica, Calliactis (Couch, 1842)

Synonymy: *Actinia effoeta* Linnaeus, 1767 [Ref. 130], p. 1088 (original description).
Priapus polypus Forsskål, 1775 [Ref. 86], p. 102 (original description).
[non] *Actinia maculata* [no author]: Bruguière, 1789 [Ref. 606], p. 14. senior homonym
Actinia Priapus [no author]: Gmelin, 1796 [Ref. 91], p. 3134.
Actinia maculata Adams, 1800 [Ref. 2], p. 8. junior primary homonym
=? *Actinia Rondeletii* Delle Chiaje, 1822 [Ref. 1511], p. XXXV (original description).
Actinia effeta [no author]: Risso, 1826 [Ref. 739], p. 285.
Cribrina effoeta (Baster): Ehrenberg, 1834 [Ref. 58], p. 264.
Cribrina Polypus (Forskål): Ehrenberg, 1834 [Ref. 58], p. 264–265.
Actinia Rondeleti [sic] [no author]: Delle Chiaje, 1841 [Ref. 69], p. 137.
Actinia parasitica Couch, 1842 [Ref. 6048], p. 60 (original description).
Actinea [sic] *parasitica* Couch: Cocks, 1850 [Ref. 6093], p. 94.
Sagartia parasitica [no author]: Gosse, 1855 [Ref. 95], p. 274.
Adamsia effæta [no author]: Milne Edwards, 1857 [Ref. 508], p. 278–279.
Adamsia priapus [no author]: Milne Edwards, 1857 [Ref. 508], p. 280.
Cylista parasitica (Couch.): Wright, 1859 [Ref. 949], p. 181.
Sagartia affinis Johnson, 1861 [Ref. 118], p. 299 (original description).
Sagartia effæta Linné: Fischer, 1874 [Ref. 78], p. 222–225, 238.
Calliactis polypus [no author]: Klunzinger, 1877 [Ref. 121], p. 76.
Calliactis marmorata Studer, 1879 [Ref. 262], p. 543 (original description).
Calliactis effæta Lin.: Jourdan, 1880 [Ref. 119], p. 19, 37–38, 87–96.
Calliactis effoeta [no author]: Andres, 1881 [Ref. 4], p. 306, 320–321, 338.
Calliactis parasitica [no author]: Hertwig, 1882 [Ref. 379], p. 7, 38, 65, 66, 67, 73.
Adamsia Rondeletii D. Ch.: Andres, 1883 [Ref. 6170], p. 367–370.
Calliactis rondeletii D. Ch.: Stephenson, 1918 [Ref. 442], p. 135.
Calliactus [sic] *parasitica* Couch.: Collings, 1938 [Ref. 1351], p. 27.
Calliactis parastica [sic] (Couch, 1842): Chintiroglou, Doumenc, & Zamponi, 1997 [Ref. 603], p. 67.

parasitica, Peachia (Agassiz, 1861)

Synonymy: *Bicidium parasiticum* Agassiz, 1861 [Ref. 612], p. 23–24 (original description).
Peachia parasitica Verrill: Verrill, 1866 [Ref. 459], p. 338–339, 343.
Philomedusa parasitica Agass.: Andres, 1883 [Ref. 6170], p. 324–325.
Bicidium parasitica Agassiz: Hargitt, 1912 [Ref. 106], p. 239.
Siphonactinia parasitica (Ag.): Verrill, 1922 [Ref. 477], p. 124–125.
Bicidiopsis tubicola Verrill, 1922 [Ref. 477], p. 126–127 (original description).
Bicidiopsis arctica Verrill, 1922 [Ref. 477], p. 127–128 (original description).
Peachia quinquepunctata McMurray [sic]: Carlgren, 1940 [Ref. 296], p. 22.

parasiticum, Bicidium Agassiz, 1861

Type species of *Bicidium* by monotypy.

Valid name: ***Peachia parasitica* (Agassiz, 1861)**

Described from unspecified number and locality.

Type specimens: MCZ 975: 2 syntypes, USA, Massachusetts, Nahant; MCZ *no number*: 1 syntype?, USA, Massachusetts, Nahant

partenopeus, Ilyanthus Andres, 1883

Type species of *Andresia* by monotypy.

Valid name: *Andresia partenopea* (Andres, 1883)

Described from unknown number (at least x3).

Type specimens: syntypes *not found*: presumably from Naples.

Comment: Andres referred to this as a “n. n.” (*nomen novum*) for specimens for which he had used name *Ilyanthus diaphanus* but considered a different species from *Actinia diaphana*, which was poorly described.

***partenopea, Andresia* (Andres, 1883)**

Synonymy: [*non*] *Actinia diapaha* Rapp.: Delle Chiaje, 1841 [Ref. 69], p. 139.

Ilyanthus diaphanus [no author]: Andres 1881 [Ref. 48], p. 306, 307, 329–330, 340.

Ilyanthus partenopeus Andres, 1883 [Ref. 6170], p. 459–460 (original description).

Ilyanthus parthenopeus [*sic*] (Andres): Fischer, 1887 [Ref. 80], p. 405–407, 460.

Elyanthus parthenopeus [*sic*] (Andres): Faurot, 1895 [Ref. 76], p. 46.

Andresia parthenopea [*sic*] (Andres): Delphy, 1938 [Ref. 658], p. 621–622.

Andresia partenopea (A. Andres, 1883): Pax & Müller, 1955 [Ref. 1622], p. 64.

Comments: In extensive remarks, Andres (1883) explained he had misidentified specimens of this species in 1881 [*sic*] so was describing a new species, yet referred to it as a *nomen novum* (“n. n.”). Spellings *parthenopeus* and *partenopea* are “deemed to be identical” according to International Code of Zoological Nomenclature Article 58.11.

***parulekari, Synantheopsis* den Hartog & Vennam, 1993**

Described from x3 *ex* two localities.

Type specimens: NNM 18426: holotype, India, Gujarat, Okha; NNM 18427: 1 paratype, India, Gujarat, Okha; NNM 18440: 1 paratype, Thailand, Trang Province, Ko Libong, Ban Patu Puk

Synonymy: [*pro parte*] *Actiniogeton sultana* (Carlgren, 1900): Parulekar, 1968 [Ref. 184], p. 138, 139, 143, 145.

=? *Synantheopsis primus* England, 1992 [Ref. 73], p. 49, 80–82 (original description).

Synantheopsis parulekari den Hartog & Vennam, 1993 [Ref. 110], p. 617–625 (original description).

***parva, Aiptasia* Carlgren, 1938**

Described from several specimens.

Type specimens: NRS 4054: 3 syntypes. South Africa, Eastern Cape, East London; NRS 4053: 6 syntypes, South Africa, Eastern Cape, East London

Synonymy: *Aiptasia parva* Carlgren, 1938 [Ref. 283], p. 72–74 (original description).

***parva, Andvakia* Carlgren, 1940**

Described from unspecified number.

Type specimens: NHMG Anthoz. 1030: 12 syntypes, Sweden, Bohuslän, Väderöar, vicinity of the *Lophohelia* reef; NRS 5661: 6 syntypes, Sweden, Bohuslän, Väderöar, vicinity of the *Lophohelia* reef; NRS 5660: 1 syntype, Sweden, Bohuslän, Väderöar, vicinity of the *Lophohelia* reef; NRS 5679: 19+ syntypes, Sweden, Bohuslän, Väderöar, vicinity of the *Lophohelia* reef; NRS 5680: 3 syntypes, Sweden, Bohuslän, Väderöar, vicinity of the *Lophohelia* reef

Synonymy: *Andwakia* [*sic*] *parva* Carlgren, 1940 [Ref. 281], p. 7, 26, 28–29, 60 (original description).

Andvakia parva Carlgren, 1940: Daly & Goodwill, 2009 [Ref. 6025], p. 265, 271.

***parvicornis, Condylactis* Kwietniewski, 1898**

Described from unspecified number (inferred x1).

Type specimen: PMJ 63: holotype, Indonesia, Moluccas Islands, Ambon [Amboina]; NRS 50: 3 pieces of holotype, Indonesia, Moluccas Islands, Ambon [Amboina]

Synonymy: *Condylactis parvicornis* Kwietniewski, 1898 [Ref. 125], p. 387, 389, 392–393 (original description).

***parvitentaculata, Actinia* Quoy & Gaimard, 1833**

Valid name: *Stichodactyla gigantea* (Forsskål, 1775)

Described from unspecified number.

Type specimen: MNHN 2017: 1 syntype, Papua New Guinea, New Ireland [Neu-Hannover], Carteret Harbor

parvulum, *Metridium* McMurrich, 1904

Valid name: ***Actinothoe lobata* (Carlgren, 1899)**

Described from x11 ex two localities.

Type specimens: MNB 4226: 1 syntype, Chile, Los Lagos, Calbuco (Plate Expedition); MNB 4225: 3 syntypes, Chile, Coquimbo (Plate Expedition); 1 syntype *not found*: Chile, Los Lagos, Calbuco (Plate Expedition)

passiflora, *Condylactis* Duchassaing & Michelotti, 1864

Type species of *Condylactis* by monotypy.

Valid name: ***Condylactis gigantea* (Weinland, 1860)**

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, Virgin Islands, St. Thomas

***patagonicha*, *Actinothoe* (Carlgren, 1899)**

Synonymy: *Sagartia patagonicha* Carlgren, 1899 [Ref. 148], p. 34 (original description).

Thoe patagonicha (Carlgr.): Carlgren, 1927 [Ref. 210], p. 74–75.

Actinothoë patagonica [*sic*] (Carlgren 1899): Carlgren, 1949 [Ref. 31], p. 103.

Actinothoë patagonicha [no author]: Zamponi, 1989 [Ref. 276], p. 1–43.

patagonicha, *Sagartia* Carlgren, 1899

Valid name: ***Actinothoe patagonicha* (Carlgren, 1899)**

Described from x10.

Type specimens: NRS 1199: 6½ syntypes, Argentina, Puerto Madryn; ZMH C1521: 2 syntypes, Argentina, Puerto Madryn; MZL *no number*: 5 microscope slides of syntypes, Argentina, Puerto Madryn

***patagoniensis*, *Aulactinia* (Carlgren, 1899)**

Synonymy: *Bunodes patagoniensis* Carlgren, 1899 [Ref. 148], p. 21–22 (original description).

Bunodactis patagoniensis [no author]: Pax, 1926 [Ref. 404], p. 21, 22, 26.

Aulactinia patagoniensis (Carlgren, 1899): Acuña, Excoffon, McKistry, & Martinez, 2007 [Ref. 5900], p. 249, 255.

patagoniensis, *Bunodes* Carlgren, 1899

Valid name: ***Aulactinia patagoniensis* (Carlgren, 1899)**

Described from two lots: x6 in one, x2 in other.

Type specimens: MNB 4616: 1 syntype, Argentina, Puerto Madryn; NRS 1178: 2 syntypes, Argentina, Puerto Madryn; NRS 5563: 1 syntype, Argentina, Puerto Madryn; NRS 5569: 1 syntype, Argentina, Puerto Madryn; ZMH C1501: 2 syntypes, Argentina, Puerto Madryn

patens, *Polystomidium* Hertwig, 1882

Type species of *Polystomidium* by monotypy.

Valid name: ***Bolocera kerguelensis* Studer, 1879**

Described from x1.

Type specimen: BMNH 1889.11.25.66: holotype, 38°6'S, 88°2'W (*Challenger* Expedition 1873–1876 sta. 296)

***patula*, *Ptychodactis* Appellöf, 1893**

Type species of *Ptychodactis* by monotypy.

Described from x10.

Type specimens: MZB 4996: 2 syntypes, Norway, Trondheimfjord [Trondheimsfjord] [Drontheimsfjord] [Drontheim Fjord]; MZB 4997: 1 syntype, Norway, Trondheimfjord [Trondheimsfjord] [Drontheimsfjord] [Drontheim Fjord]; NRS 4887: wedge of syntype 4996 (above), Norway, Trondheimfjord [Trondheimsfjord] [Drontheimsfjord] [Drontheim Fjord]

Synonymy: *Ptychodactis patula* Appellöf, 1893 [Ref. 558], p. 4–22 (original description).

Ptychodactis apatula [*sic*] [no author]: Grebel'nyi, 2007 [Ref. 6001], p. 54.

Phychodactis [*sic*] *patula* [no author]: Grebel'nyi, 2007 [Ref. 6001], p. 56.

***paucicornis*, *Bolocera* Dunn, 1983**

Described from holotype, x8 paratypes.

Type specimens: USNM 60065: holotype, Subantarctic, *Eltanin* Cruise 6 sta. 413; CAS 029663: 1 paratype, 77°01'S–77°03'S, 168°38'E–168°23'E, *Eltanin* Cruise 32 sta. 2050; CAS 014249: 1 paratype, 56°53.5'S, 26°54.8'W, *Islas Orcadas* Cruise 575 sta. 60; CAS 029662: 1 paratype, 76°28'S–76°29'S, 167°52'E–168°00'E, *Eltanin* Cruise 27 sta. 1905; CAS 029664: 3 paratypes, 67°40.2'S–67°39.4'S, 70°16.2'W–70°16.3'W, *Hero* Cruise 721 sta. 1082; CAS 014248: 2 paratypes, 62°27'S–62°34'S, 57°58'W–57°49'W, *Eltanin* Cruise 6 sta. 426

Synonymy: *Bolocera paucicornis* Dunn, 1983 [Ref. 344], p. 1, 18–21 (original description).

paumotensis, *Actinia* Couthouy in Dana, 1846

Valid name: ***Heteractis crispa* (Hemprich & Ehrenberg in Ehrenberg, 1834)**

Described from unspecified number.

Type specimens: USNM 1690: 1 syntype French Polynesia, Tuamotu [Paumotu] Archipelago, Raraka Island

***paxi*, *Aiptasiomorpha* Stephenson, 1920**

Described for *A. couchii* sensu Pax (1909).

Type specimens: 10 syntypes *not found*: Atlantic Ocean, Canary Islands, La Gomera, Roques del buen Paso

Synonymy: [*pro parte*] *Aiptasia couchii* Cocks: Pax, 1909 [Ref. 549], p. 337–338.

Aiptasiomorpha paxi Stephenson, 1920 [Ref. 449], p. 439, 531 (original description).

Aiptasiomorpha? *paxi* Stephenson 1920a: Carlgren (1949) [Ref. 31], p. 109.

paxi, *Parastephanauge* Dufaure, 1959

Type species of *Parastephanauge* by monotypy.

Valid name: ***Paractinia striata* (Risso, 1826)**

Described from x2.

Type specimens: syntypes *not found*: France, Mediterranean Sea, Gulf of Lyon, Banyuls-sur-mer

***pearseae*, *Anthosactis* Daly & Gusmão, 2007**

Described from holotype, x4 paratypes.

Type specimens: USNM 1096705: holotype, USA, California, Monterey Bay, Monterey Canyon (*Western Flyer* sta. T-769); CAS 174325: 1 paratype, USA, California, Monterey Bay, Monterey Canyon (*Western Flyer* sta. T-769); CAS 174323: 1 paratype, USA, California, Monterey Bay, Monterey Canyon (*Western Flyer* sta. T-769); CAS 174324: 1 paratype, USA, California, Monterey Bay, Monterey Canyon (*Western Flyer* sta. T-769); USNM 1096706: 1 paratype, USA, California, Monterey Bay, Monterey Canyon (*Western Flyer* sta. T-769)

Synonymy: *Anthosactis pearseae* Daly & Gusmão, 2007 [Ref. 5726], p. 1, 2, 3–9 (original description).

***pectinata*, *Hormathia* (Hertwig, 1882)**

Synonymy: *Phellia pectinata* Hertwig, 1882 [Ref. 379], p. 72–74, 116 (original description).

Phellia spinifera Hertwig, 1888 [Ref. 382], p. 24–26 (original description).

Hormathia pectinata (R. Hertwig): Haddon, 1889 [Ref. 362], p. 309.

Chitonanthus pectinatus (Hertwig): McMurrich, 1893 [Ref. 386], p. 190–192, 206, 209.

Chitonanthus pectinata [no author]: Maguire, 1898 [Ref. 1250], p. 721.

pectinata, *Phellia* Hertwig, 1882

Type species of *Chitonanthus* by monotypy.

Valid name: ***Hormathia pectinata* (Hertwig, 1882)**

Described from x1.

Type specimen: BMNH 1889.11.25.18: holotype, 49°24'S, 74°23'W (*Challenger* Expedition 1873–1876 sta. 307)

pedunculata, *Actinia* Pennant, 1777

Valid name: ***Cereus pedunculatus* (Pennant, 1777)**

Described from unspecified number.

Type specimens: syntypes *not found*: UK, England, Cornwall

***pedunculata*, *Kodioides* Danielssen, 1890**

Type species of *Kodioides* by monotypy.

Described from x1.

Type specimen: MZB 9794: holotype, Norwegian Sea (Norwegian North Atlantic Expedition 1876–1878 sta. 35)

Synonymy: *Kodioides pedunculata* Danielssen, 1890 [Ref. 321], p. 77–82 (original description).

Kodiodes [sic] pedunculata Danielssen, 1890 [Ref. 321], p. 77.

***pedunculatus*, *Cereus* (Pennant, 1777)**

Synonymy: *Actinia pedunculata* Pennant, 1777 [Ref. 637], p. 41 [49] (original description).

Actinia Bellis Ellis & Solander, 1786 [Ref. 71], p. 2 (original description).

Hydra Bellis [no author]: Gmelin, 1796 [Ref. 91], p. 3868.

Cereus Bellis [no author]: Oken, 1815 [Ref. 718], p. 349.

Actinia brevicirrhata Risso, 1826 [Ref. 739], p. 287 (original description).

Actinocereus pedunculata [no author]: de Blainville, 1830 [Ref. 94], p. 294.

Actinia bellis [no author]: Gravenhorst, 1831 [Ref. 654], p. 112, 124, 130–136, 140.

Actinocereus pedunculatus [no author]: de Blainville, 1834 [Ref. 64], p. 327.

Cribrina Bellis Ehrenb.: Brandt, 1835 [Ref. 65], p. 15.

Actinia pedunculata Penn.: Templeton, 1836 [Ref. 731], p. 303.

Cribrina bellis Ell. et Sol.: Grube, 1840 [Ref. 103], p. 12.

Actinea [sic] bellis [no author]: Forbes, 1841 [Ref. 85], p. 82.

Actinia Dianthus [no author]: Couch, 1844 [Ref. 774], p. 69, 79.

Actinia Templetonii Couch, 1844 [Ref. 774], p. 80 (original description).

Actinea [sic] Templetonii Cocks: Cocks, 1850 [Ref. 6093], p. 94.

Actinea [sic] Johnstoni Cocks, 1850 [Ref. 6093], p. 94.

Actinea [sic] Bellis Gärtner: Cocks, 1851 [Ref. 36], p. 8.

Actinea [sic] Bellis var. Cocks: Cocks, 1851 [Ref. 36], p. 8.

Sagartia Bellis [no author]: Gosse, 1855 [Ref. 95], p. 274–275.

Sagartia bellis [no author]: Gosse, 1855 [Ref. 6111], p. 28, 188, 197.

Actinia bellis fusca [no author]: Wright, 1856 [Ref. 630], p. 94.

Cereus bellis [no author]: Milne Edwards, 1857 [Ref. 508], p. 269–270.

Heliactis bellis [no author]: Thompson, 1858 [Ref. 252], p. 149.

Scyphia bellis (Ellis.): Wright, 1859 [Ref. 948], p. 116.

[*non*] *Cylista troglodytes* [no author]: Gosse, 1860 [Ref. 356], p. 34, 88–104, 122, 123.

Cereus pedunculatus [sic] Pennant: Fischer, 1874 [Ref. 78], p. 210, 211–212, 238.

[*pro parte*] *Sagartia troglodytes* Gosse: Heider, 1877 [Ref. 639], p. 367–414.

[*non*] *Heliactis troglodytes* [no author]: Andres, 1881 [Ref. 4], p. 307, 322–323, 340.

Haliactis [sic] bellis Ell.: Graeffe, 1884 [Ref. 1356], p. 336.

Helliactis [sic] bellis Ell.: Hartlaub, 1884 [Ref. 882], p. 203.

Cereus pedunculatus (Pennant): Fischer, 1887 [Ref. 80], p. 399–402, 413, 423–425.

Helaria bellis [no author]: Stechow, 1921 [Ref. 704], p. 262.

Hormathia? bellis (Forbes): Stephenson, 1935 [Ref. 505], p. 391 (of uncertain status).

Actinia johnstoni Cocks: Stephenson, 1935 [Ref. 505], p. 393 (of uncertain status).

***pehuense*, *Paraisometridium* Zamponi, 1978**

Synonymy: *Paraisometridium pehuensis* Zamponi, 1978 [Ref. 273], p. 117–121 (original description).

Paraisometridium pehuense Zamponi, 1978: correct spelling original herein.

pehuensis, *Paraisometridium* Zamponi, 1978

Type species of *Paraisometridium* by monotypy.

Valid name: *Paraisometridium pehuense* Zamponi, 1978 for gender agreement

Described from holotype, x5 paratypes.

Type specimens: MLP 8.503: holotype, Argentina, Buenos Aires Province, Bahia Blanca, Pehuencó; IBM C.A. 10: 5 paratypes, Argentina, Buenos Aires Province, Bahia Blanca, Pehuencó

pelagica, *Actinia* Quoy & Gaimard, 1833

Valid name: ***Bunodeopsis pelagica* (Quoy & Gaimard, 1833)**

Described from x1.

Type specimen: holotype *not found*: Atlantic Ocean, mid-ocean

***pelagica*, *Bunodeopsis* (Quoy & Gaimard, 1833)**

Synonymy: *Actinia pelagica* Quoy & Gaimard, 1833 [Ref. 194], p. 146–147 (original description).

Anemonia pelagica [no author]: Milne Edwards, 1857 [Ref. 508], p. 235.

Uncertain genus *pelagica* Q. & Gaim.: Andres, 1883 [Ref. 6170], p. 578–579. *nomen dubium*

Bunodeopsis pelagica (Quoy & Gaimard, 1833): Fisher, 1976 [Ref. 83], p. 103–110, 112–118.

Comment: Quoy & Gaimard (1833) Pl. 11 figure referred to as 10 in text, numbered 5

pellucida, *Actinia* Hollard, 1848

Senior homonym to junior primary homonyms of Cocks (1851) (*Actinea pelucida*: Cocks consistently rendered generic name *Actinia* with the letter e, and species name is a variant “deemed to be identical” according to Code Article 58.7) and Alder (1858). Andres (1883) [Ref. 6170] proposed replacement name *Adamsia fischeri* for senior homonym. Wright (1859) [Ref. 949] moved Cocks name to genus *Thoe*, and proposed replacement name *Thoe* (*Sagartia*) *pura* for Alder name.

Valid name: ***Aiptasiogeton pellucidus* (Hollard, 1848)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: France, Loire, Pornic

Comment: *Adamsia fischeri* Andres, 1883, a *nomen novum* for this senior homonym.

pellucida, *Actinia* Alder, 1858

Junior primary homonym to senior homonym of Hollard (1848): also junior to name *Actinea pelucida* of Cocks (1851) (Cocks consistently rendered generic name *Actinia* with the letter e, and species name is a variant “deemed to be identical” according to Code Article 58.7). Andres (1883) [Ref. 6170] proposed replacement name *Adamsia fischeri* for senior homonym. Wright (1859) [Ref. 949] moved Cocks name to genus *Thoe*, and proposed replacement name *Thoe* (*Sagartia*) *pura* for Alder name.

Valid name: ***Metridium senile* (Linnaeus, 1761)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: UK, England, Northumberland, Cullercoats

Comment: Although dated earlier, Wright (1859) referred to the figure of species in discussion by Gosse (1860) [Ref. 356] of *Thoe* (*Sagartia*) *pura*, crediting name to Alder.

pellucida, *Nematostella* Crowell, 1946

Valid name: ***Nematostella vectensis* Stephenson, 1935**

Described from holotype, unspecified number of paratypes.

Type specimens: USNM 43763: holotype, USA, Massachusetts, Woods Hole, Mill Pond; USNM 43764: 3 paratypes, USA, Massachusetts, Woods Hole, Mill Pond

***pellucidus*, *Aiptasiogeton* (Hollard, 1848)**

Synonymy: [*non*] *Actinia rosea* Risso, 1826 [Ref. 739], p. 287–288 (original description). senior homonym

Actinia pellucida Hollard, 1848 [Ref. 1416], p. 6, 25 (original description). senior homonym

[*non*] *Actinia lacerata* Dalyell, 1848 [Ref. 672], p. 228–233 (original description).

Actinia rosea Gosse, 1853 [Ref. 1241], p. 90–93, 95, 232 (original description). junior primary homonym

[*non*] *Actinia pellucida* Alder, 1858 [Ref. 1457], p. 133–134 (original description). junior primary homonym

Sagartia rosea [no author]: Gosse, 1860 [Ref. 356], p. 48–53, 65.

Sagartia pellucida Hollard: Fischer, 1874 [Ref. 78], p. 197, 214–216.

Paractis comata Andres, 1881 [Ref. 4], p. 307, 314, 341 (original description).

[*pro parte*] *Aiptasia lacerata* Dal.: Andres, 1883 [Ref. 6170], p. 374–375.
Adamsia Fischeri Andres, 1883 [Ref. 6170], p. 387–388 (original description as *nomen novum*).
Aiptasiogeton comatus (Andres 1881): Schmidt, 1972 [Ref. 441], p. 26–29.
Aiptasiogeton pellucidus (Hollard): Manuel, 1981 [Ref. 384], p. 128–130.

***pelophila*, *Phelliactis* Riemann-Zürneck, 1973**

Described from x3 *ex* two localities.

Type specimens: ZMH C7521: holotype, 33°52'S, 51°2'W, *Walther Herwig* sta. 440; ZMH C7522: 1 paratype, 33°52'S, 51°2'W, *Walther Herwig* sta. 440; ZMH C7523: 1 paratype, 33°43'S, 51°2'W, *Walther Herwig* sta. 439

Synonymy: *Phelliactis pelophila* Riemann-Zürneck, 1973 [Ref. 426], p. 273, 295, 304, 305, 308–311, 318, 323 (original description).

pelucida, *Actinea* Cocks, 1851

Junior primary homonym to senior homonym of Hollard (1848): senior to homonym of Alder (1858). Both other names rendered *Actinia pellucida*: Cocks consistently rendered generic name *Actinia* with the letter e, and species name is a variant “deemed to be identical” according to Code Article 58.7. Andres (1883) [Ref. 6170] proposed replacement name *Adamsia fischeri* for senior homonym. Wright (1859) [Ref. 949] moved Cocks name to genus *Thoe*, and proposed replacement name *Thoe (Sagartia) pura* for Alder name.

Valid name: ***Actinothoe pelucida* (Cocks, 1851)**

Described from unspecified number.

Type specimens: syntype *not found*: UK, England, Cornwall, Falmouth, Gwyllyn-vase

***pelucida*, *Actinothoe* (Cocks, 1851)**

Synonymy: *Actinea pelucida* Cocks, 1850 [Ref. 6093], p. 94. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 12.1.

Actinea [sic] pelucida Cocks, 1851 [Ref. 36], p. 9–10 (original description).

Thoe? Pellucida [sic] (Cocks): Gosse, 1860 [Ref. 356], p. 354 (of uncertain status).

Actinothoe? pellucida [sic] (Cocks): Stephenson, 1935 [Ref. 505], p. 392 (of uncertain status).

penoti, *Sagartia* Jourdan, 1880

Valid name: ***Aiptasia mutabilis* (Gravenhorst, 1831)**

Described from unspecified number >1.

Type specimens: syntype *not found*: France, Mediterranean Sea, Gulf of Marseilles [Golfe de Marseille]

***perdita*, *Edwardsia* Williams, 1981**

Type specimens of a *nomen novum* are those of the species whose name is replaced (International Code of Zoological Nomenclature Article 72.7).

Synonymy: *Actinia chrysanthellum* Johnst.: Grube, 1854 [Ref. 1602,] p. 107.

[*non*] *Urophysalus Grubii* Costa, 1869 [Ref. 5866], p. 56–57 (original description).

Edwardsia Grubii Andres, 1883 [Ref. 6170], p. 310 (original description as *nomen novum*).

Edwardsia perdita Williams, 1981 [Ref. 491], p. 349, 351 (original description as *nomen novum*).

Comments: Replacement name (International Code of Zoological Nomenclature Article 60) for *Edwardsia grubii* Andres, 1883: Williams considered Andres name a junior secondary homonym of *E. grubii* (Costa, 1869). In synonymizing *Urophysalus Grubii* with *Edwardsia claparedii*, Andres (1880) did not use the combination *Edwardsia grubii*, so there seems to have been no homonymy.

***perdix*, *Antholoba* (Verrill, 1882)**

Synonymy: *Urticina perdix* Verrill, 1882 [Ref. 466], p. 223 (original description).

Paractis perdix Ver.: Verrill, 1899 [Ref. 472], p. 210–211.

Antholoba perdix (Verrill 1882): Carlgren, 1949 [Ref. 31], p. 85.

perdix, *Urticina* Verrill, 1882

Type species of *Archactis* by original designation.

Valid name: *Antholoba perdix* (Verrill, 1882)

Described from unspecified number.

Type specimens: MCZ *no number*: 2 syntypes, USA, Massachusetts, off Martha's Vineyard, U.S. Fish Commission Steamer *Fish Hawk* 1881 sta. 921; MCZ *no number*: 2 syntypes, USA, Massachusetts, off Martha's Vineyard, U.S. Fish Commission Steamer *Fish Hawk* 1881 sta. 922; YPM 9277: 3 syntypes, USA, Massachusetts, off Martha's Vineyard, U.S. Fish Commission Steamer *Fish Hawk* 1881 sta. 920; YPM 9277: 3 syntypes, USA, Massachusetts, off Martha's Vineyard, U.S. Fish Commission Steamer *Fish Hawk* 1881 sta. 921; YPM 9277: 3 syntypes, USA, Massachusetts, off Martha's Vineyard, U.S. Fish Commission Steamer *Fish Hawk* 1881 sta. 922

pergamentacea, *Actinostola* McMurrich, 1893

Valid name: *Actinostola crassicornis* (Hertwig, 1882)

Described from x5 ("No. 695").

Type specimens: USNM 17779: 4 syntypes, Argentina, Gulf of San Jorge, U.S. Fish Commission Steamer *Albatross* 1888 sta. 2769

peruviana, *Actinia* Lesson, 1830

Valid name: *Paractis peruviana* (Lesson, 1830)

Described from unspecified number >1.

Type specimens: syntypes *not found*: Peru, Paita [Payta]

peruviana, *Aiptasia* Pax, 1912

Valid name: *Bartholomea peruviana* (Pax, 1912)

Described from x29.

Type specimens: 29 syntypes *not found*: Peru, Paita [Payta]

peruviana, *Bartholomea* (Pax, 1912)

Synonymy: *Aiptasia peruviana* Pax, 1912 [Ref. 408], p. 18–21, 25 (original description).

Actinia (*Diplostephanus*) *peruviana* Less.: Brandt, 1835 [Ref. 65], p. 10.

Bartholomea peruviana Pax, 1912: Stephenson, 1920 [Ref. 449], p. 532.

peruviana, *Paractis* (Lesson, 1830)

Synonymy: *Actinia peruviana* Lesson, 1830 [Ref. 123], p. 75 (original description).

Actinia Peruviana [no author]: Milne Edwards, 1857 [Ref. 508], p. 246.

Sagartia Peruviana Verrill: Verrill, 1869 [Ref. 458], p. 486.

Paractis peruviana Less.: Andres, 1883 [Ref. 6170], p. 474–475.

phaeochira, *Entacmaea* Schmarda, 1852

Valid name: *Anemonia sulcata* (Pennant, 1777)

Described from unspecified number >1.

Type specimens: syntypes *not found*: Mediterranean Sea, Adriatic Sea, Lissa and Lesina

phassonesiotes, *Phellia* Bourne, 1918

Valid name: *Telmatactis phassonesiotes* (Bourne, 1918)

Described from x1.

Type specimen: holotype *not found*: Papua New Guinea, New Britain, Pigeon Island

phassonesiotes, *Telmatactis* (Bourne, 1918)

Synonymy: *Phellia phassonesiotes* Bourne, 1918 [Ref. 25], p. 48–53 (original description).

Telmatactis phassonesiotes (Bourne 1918): Carlgren, 1949 [Ref. 31], p. 90.

phellioides, *Flosmaris* Stephenson, 1920

Type species of *Flosmaris* by monotypy.

Described from x1.

Type specimen: holotype *not found*: Indian Ocean, Maldives, Malé Atoll, Hulele [Hulule] Island

Synonymy: *Flosmaris Phellioides* Stephenson, 1920 [Ref. 449], p. 441–443 (original description).

Flosmaris phellioides Stephenson 1920a: Carlgren, 1949 [Ref. 31], p. 89.

Flosmaris phellioides [sic] Stephenson (1920): Hand, 1961 [Ref. 377], p. 87–88.

picta, *Actinia* Risso, 1826

Senior homonym to junior primary homonym of Lesson (1830). Resolved by considering Risso species a junior synonym, and by moving Lesson species to another genus.

Valid name: ***Adamsia palliata* (Fabricius, 1779)**

Described from unspecified number.

Type specimens: syntypes *not found*: France, Mediterranean Sea, Nice

picta, *Actinia* Lesson, 1830

Junior primary homonym to senior homonym of Risso (1826). Resolved by considering Risso species a junior synonym, and by moving Lesson species to another genus.

Valid name: ***Anactis picta* (Lesson, 1830)**

Described from unspecified number.

Type specimens: syntypes *not found*: Peru, Paita [Payta]

Comment: Belongs in order Ceriantharia

picta, *Phellia* Gosse, 1860

Valid name: ***Sagartiogeton laceratus* (Dalyell, 1848)**

Described from x1.

Type specimen: holotype *not found*: UK, Scotland, northeast Scotland

pilatus, *Halcurias* McMurrich, 1893

Type species of *Halcurias* by monotypy.

Described from x3 ("Nos. 708, 709").

Type specimens: USNM 17787: 2 syntypes, Chile, east of Mesier Canal, Serrano Island (U.S. Fish Commission Steamer *Albatross* 1888 sta. 2785)

Synonymy: *Halcurias pilatus* McMurrich, 1893 [Ref. 386], p. 142–144, 206 (original description).

pinnulatum, *Phymanthus* Martens in Klunzinger, 1877

Valid name: ***Phymanthus pinnulatus* Martens in Klunzinger, 1877** for gender agreement

Described (in footnote) from x1.

Type specimen: MNB 1324: holotype, Singapore; NRS 76: 3 pieces of holotype, Singapore

pinnulatus, *Phymanthus* Martens in Klunzinger, 1877

Synonymy: *Phymanthus pinnulatum* Martens in Klunzinger, 1877 [Ref. 121], p. 87 (original description).

Phymanthus pinnulatus Martens in Klunzinger, 1877: correct spelling original herein.

piscivora, *Tealia* Sebens & Laakso, 1978

Valid name: ***Urticina piscivora* (Sebens & Laakso, 1978)**

Described from holotype, x2 paratypes.

Type specimens: USNM 56642: holotype, USA, Washington, Tatoosh Island; USNM 56643: 2 paratypes, USA, Washington, Tatoosh Island

piscivora, *Urticina* (Sebens & Laakso, 1978)

Synonymy: *Tealia piscivora* Sebens & Laakso, 1978 [Ref. 228], p. 156–162 (original description).

Urticina piscivora (Sebens & Laakso, 1977): Fautin, Kozloff, & Siebert, 1987 [Ref. 349], p. 76–77.

platei, *Boloceroopsis* McMurrich, 1904

Type species of *Boloceroopsis* by monotypy.

Described from x5.

Type specimens: MNB 4213: 2 syntypes, Chile, Los Lagos, Calbuco (Plate Expedition); MZL *no number*: 7 microscope slides of syntype, Chile, Los Lagos, Calbuco (Plate Expedition); 1 syntype *not found*: Chile, Los Lagos, Calbuco (Plate Expedition)

Synonymy: *Boloceropsis platei* McMurrich, 1904 [Ref. 391], p. 255–258 (original description).

***platypus*, *Segonzactis* Riemann-Zürneck, 1979**

Type species of *Segonzactis* by original designation.

Described from x10.

Type specimens: MNHN 2383: 52 microscope slides of holotype, Atlantic Ocean, west of Bay of Biscay [Gulf of Gasgogne] (Biogas VI sta. CP 14); MNHN 1217: 1 paratype, 44°23'N, 4°51.5'W (Biogas VI sta. CP 20); MNHN 1218: 2 paratypes, North Atlantic Ocean (Biogas IV sta. CV 34); MNHN 1222: 1 paratype, 46°29'N, 10°20'W (Biogas V sta. CP 05); MNHN 1229: 1 paratype, 46°31'N, 10°19.5'W (Biogas VI sta. CP 17)

Synonymy: *Segonzactis platypus* Riemann-Zürneck, 1979 [Ref. 431], p. 234–242 (original description).

***plebeia*, *Actinoscyphia* (McMurrich, 1893)**

Synonymy: *Actinernus plebeius* McMurrich, 1893 [Ref. 386], p. 165, 166–167 (original description).

Actinernus plebejus [*sic*] [no author]: McMurrich, 1893 [Ref. 386], p. 206.

Actinoscyphia Plebeia McMurrich, 1893: Stephenson, 1920 [Ref. 449], p. 541.

Actinoscyphia plebeia (McMurrich 1893): Carlgren, 1949 [Ref. 31], p. 84.

***plebeia*, *Actinothoe* (Haddon, 1898)**

Synonymy: *Sagartia Plebeia* Haddon, 1898 [Ref. 363], p. 398, 451 (original description).

Actinothoe plebeia (Haddon 1898): Carlgren, 1949 [Ref. 31], p. 103.

Sagartia pleveia [*sic*] Haddon, 1898: Pei, 1998 [Ref. 765], p. 168.

plebeia, *Sagartia* Haddon, 1898

Valid name: ***Actinothoe plebeia* (Haddon, 1898)**

Described from x1.

Type specimen: holotype *not found*: Australia, Queensland, Torres Strait, Murray Islands

plebeius, *Actinernus* McMurrich, 1893

Valid name: ***Actinoscyphia plebeia* (McMurrich, 1893)**

Described from x1 ("No. 711").

Type specimen: USNM 17789: holotype, Chile, west of Lebu, U.S. Fish Commission Steamer *Albatross* 1888 sta. 2791

***plettenbergensis*, *Pseudactinia* Carlgren, 1928**

Described from x11.

Type specimens: MNB 8439: 9 syntypes, South Africa, Plettenberg Bay (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 99b); NRS 5704: 2 syntypes, South Africa, Plettenberg Bay (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 99b)

Synonymy: *Pseudactinia plettenbergensis* Carlgren, 1928 [Ref. 198], p. 157–160 [35–38] (original description).

plicatus, *Oulactis* Hutton, 1879

Valid name: ***Oulactis muscosa* (Drayton in Dana, 1846)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: New Zealand, South Island, near Dunedin

***plumosum*, *Actinodendron* Haddon, 1898**

Described from x6: described individually (A-F).

Type specimens: MZC I.33465: 4 syntypes, Australia, Queensland, Torres Strait, Murray Islands, Mer [Maer] Island; MZL *no number*: 8 microscope slides of syntypes, Australia, Queensland, Torres Strait, Murray Islands, Mer [Maer] Island

Synonymy: [*pro parte*] *Actinodendron alcyonoideum* Quoy & Gaimard: Saville-Kent, 1893 [Ref. 440], p. 34, 146.
[*pro parte*] *Actinodendron arboreum* Q. & G.: Haddon & Shackleton, 1893 [Ref. 364], p. 117.
[*pro parte*] *Actinodendron alcyonidium* Quoy and Gaimard: Saville-Kent, 1897 [Ref. 439], p. 223–224.
Actinodendron plumosum Haddon, 1898 [Ref. 363], p. 399, 490–491 (original description).
Actinodendron Hansingorum Carlgren, 1900 [Ref. 195], p. 98–100 [118–120] (original description).
Actinodendron plumosa [*sic*] Haddon: Cutress & Arneson, 1987 [Ref. 317], p. 57, 60.

pluvia, *Actinia* Drayton in Dana, 1846

Type species of *Phymanthea* by monotypy.

Valid names used: *Phymactis clematis* (Drayton in Dana, 1846); *Phymanthea pluvia* (Drayton in Dana, 1846)

Described from unspecified number >1.

Type specimens: syntypes *not found*: Peru, Callao, island of San Lorenzo

***pluvia*, *Phymanthea* (Drayton in Dana, 1846)**

Synonymy: *Actinia pluvia* Drayton in Dana, 1846 [Ref. 318], p. 143–144 (original description).

Bunodes pluvia [no author]: Gosse, 1855 [Ref. 95], p. 274.

Cereus pluvia [no author]: Milne Edwards, 1857 [Ref. 508], p. 267.

Bunodactis pluvia (Dana): Verrill, 1899 [Ref. 470], p. 42.

=? *Phymactis clematis* (Drayton): McMurrich, 1904 [Ref. 391], p. 259–264.

Phymanthea pluvia (Drayton): Carlgren, 1959 [Ref. 309], p. 17–20.

Phymantea [*sic*] *pluvia* [no author]: Häussermann & Försterra, 2005 [Ref. 5503], p. 94.

***polaris*, *Cnidanthus* (Clubb, 1908)**

Synonymy: *Paractis polaris* Clubb, 1908 [Ref. 35], p. 3 (original description).

Cymbactis polaris Clubb, 1908: Stephenson, 1920 [Ref. 449], p. 553.

[*non*] *Cymbactis polaris* (Clubb): Pax, 1923 [Ref. 414], p. 3, 12–13, 26.

Cnidanthus polaris (Clubb): Carlgren, 1927 [Ref. 210], p. 50–52.

polaris, *Milne-Edwardsia* Carlgren, 1921

Valid name: *Nematostella polaris* (Carlgren, 1921)

Described from 7+ specimens *ex five* localities

Type specimens: NRS 4877: 1 syntype, Greenland, East Greenland, Scoresby Sound, Fame [Famae] Island (Swedish Greenland Expedition 1899 sta. 31); MZL *no number*: 1 microscope slide of syntype, Greenland, East Greenland, Scoresby Sound, Fame [Famae] Island (Swedish Greenland Expedition 1899 sta. 31); NRS 1043: 3 syntypes, Svalbard, Spitsbergen, West Spitsbergen, Ice-fiord, Temple Bay (Swedish Spitzbergen Expedition 1908 sta. 51); NRS 5583: 2 syntypes, Svalbard, Spitsbergen, West Spitsbergen, Ice-fiord, Temple Bay, Biona's haven (Swedish Spitzbergen Expedition 1908 sta. 56); 1 syntype *not found*: Svalbard, Spitsbergen, East Spitsbergen, King Charles Land, Jena Island (Römer and Schaudinn 1898 sta. 31); syntypes *not found*: Svalbard, Spitsbergen (Swedish Spitzbergen Expedition 1898)

***polaris*, *Nematostella* (Carlgren, 1921)**

Synonymy: *Milne-Edwardsia polaris* Carlgren, 1921 [Ref. 196], p. 65–67 (original description).

Nematostella polaris (Carlgren): Carlgren, 1939 [Ref. 294], p. 3–4.

polaris, *Paractis* Clubb, 1908

Type species of *Cnidanthus* by monotypy.

Valid name: *Cnidanthus polaris* (Clubb, 1908)

Described from x1.

Type specimen: BMNH 1908.10.28.6: holotype, Antarctica, McMurdo Bay, Winter Quarters (National Antarctic (*Discovery*) Expedition); NRS 4875: piece of holotype, Antarctica, McMurdo Bay, Winter Quarters (National Antarctic (*Discovery*) Expedition); MNHN 2386: not type specimen but had been considered one

***polaris*, *Stomphia* (Danielssen, 1890)**

Synonymy: *Tealiopsis polaris* Danielssen, 1890 [Ref. 321], p. 45–47 (original description).

Stomphia polaris (Dan.) Carlgren, 1921 [Ref. 196], p. 239–241.

polaris, *Tealiopsis* Danielssen, 1890

Type species of *Tealiopsis* by monotypy.

Valid names used: ***Stomphia coccinea* (Müller, 1776); *Stomphia polaris* (Danielssen, 1890)**

Described from x11.

Type specimens: MZB 617: 13 syntypes, Norway, Barents Sea, Bear Island (Norwegian North Atlantic Expedition 1876–1878 sta. 323)

pollens, *Bolocera* McMurrich, 1898

Type species of *Leipsiceras* by monotypy.

Valid name: ***Leipsiceras pollens* (McMurrich, 1898)**

Described from x1.

Type specimen: holotype *not found*: Bahamas, American Shoal light bearing N. by W. about 8 miles (Bahama Expedition of the State University of Iowa 1893 sta. 64)

***pollens*, *Leipsiceras* (McMurrich, 1898)**

Synonymy: *Bolocera pollens* McMurrich, 1898 [Ref. 388], p. 230–232 (original description).

Leipsiceras pollens McM.: Stephenson, 1922 [Ref. 451], p. 276.

***polydactyla*, *Phymactis* Hutton, 1879**

Described from unspecified number.

Type specimens: syntypes *not found*: New Zealand, South Island, near Dunedin

Synonymy: *Phymactis polydactyla* Hutton, 1879 [Ref. 117], p. 313 (original description).

***polypores*, *Calliactis* Pei, 1996**

Described from holotype, x11 paratypes.

Type specimens: IOC V506B-18(1): holotype, East China Sea; IOC V506B-18(2): 6 paratypes, East China Sea; IOC V478B-18: 2 paratypes, East China Sea; IOC V545B-1: 1 paratype, East China Sea; IOC V463B-3: 2 paratypes, East China Sea

Synonymy: *Calliactis polypores* Pei, 1996 [Ref. 1265], p. 177–179, 186 (original description).

polyptycha, *Paraphellia* Pax, 1908

Valid name: ***Anthothoe stimpsonii* (Verrill, 1869)**

Described from x14.

Type specimens: syntypes *not found*: Namibia, Lüderitz Bay

***polypus*, *Calliactis* (Forsskål, 1775)**

Synonymy: *Priapus polypus* Forsskål, 1775 [Ref. 86], p. 102 (original description).

Actinia maculata [no author]: Bruguière, 1789 [Ref. 606], p. 14. senior homonym

[*non*] *Actinia maculata* Adams, 1800 [Ref. 2], p. 8. junior primary homonym

Actinia polypus [no author]: de Blainville, 1830 [Ref. 94], p. 293.

Cribrina Polypus (Forsskål): Ehrenberg, 1834 [Ref. 58], p. 264–265.

Cribrina polypus [no author]: Deshayes & Milne Edwards, 1840 [Ref. 68], p. 425.

Actinia decorata Couthouy *in* Dana, 1846 [Ref. 318], p. 139–140 (original description).

Adamsia decorata [no author]: Milne Edwards, 1857 [Ref. 508], p. 281.

Adamsia priapus [no author]: Milne Edwards, 1857 [Ref. 508], p. 280.

Calliactis decorata Drayton: Verrill, 1869 [Ref. 458], p. 481–482.

Calliactis polypus [no author]: Klunzinger, 1877 [Ref. 121], p. 76.

Calliactis Polypus [no author]: Jourdan, 1880 [Ref. 119], p. 38.

Adamsia Rondeletii D. Ch.: Andres, 1883 [Ref. 6170], p. 367–370.

Adamsia miriam Haddon & Shackleton, 1893 [Ref. 364], p. 117, 130–131 (original description).

Calliactis Miriam (H. & S.): Haddon, 1898 [Ref. 363], p. 398, 457.

[*pro parte*] *Calliactis armillatas* Verrill, 1928 [Ref. 263], p. 20–21 (original description).
[*non*] *Calliactis polypus* (Forsk) Klunzinger.: Carlgren, 1928 [Ref. 198], p. 197–199 [75–77].
Calliactis miriam [no author]: Stephenson, Stephenson & Tandy, 1931 [Ref. 1311], p. 72.

polypus, *Priapus* Forsskål, 1775

Not type species of *Cribrina* as designated by Haddon (1889) [Ref. 362] and stated to be by Fautin *et al.* (2007) [Ref. 5913]: *Actinia coriacea* Cuvier, 1798, had been designated type species of *Cribrina* by Thompson (1858).

Valid names used: ***Calliactis parasitica* (Couch, 1842)**; ***Calliactis polypus* (Forsskål, 1775)**

Described from unspecified number.

Type specimens: syntypes *not found*: Saudi Arabia, Red Sea [Mer Rouge], Ghomfodam

***porcupina*, *Daontesia* Riemann-Zürneck, 1997**

Described from x26 *ex* six localities.

Type specimens: holotype stated to be deposited in ZMH [*no number*] but *not found* there, 45°50'N, 17°14'W (*Walther Herwig* sta. 47); 2 paratypes *not found*: 45°50'N, 17°14'W (*Walther Herwig* sta. 47); 2 paratypes *not found*: North Atlantic Ocean (*Walther Herwig* 1981, Cruise 45 sta. 3; 1 paratype *not found*: 46°31'N, 10°19.5'W (Biogas VI sta. CP 17); 16 paratypes *not found*: 48°52.7'N, 16°28.5'W (RRS *Discovery* sta. 52 701 #42); 1 paratype *not found*: 47°15.4'N, 19°41.5'W (*Meteor* cruise 3 sta. 281); 3 paratypes *not found*: 47°13.9'N, 19°37.2'W (*Meteor* cruise 3 sta. 300)

Synonymy: *Daontesia porcupina* Riemann-Zürneck, 1997 [Ref. 652], p. 361, 368–371, 372 (original description).

***praelonga*, *Calamactis* Carlgren, 1951**

Synonymy: *Calamactis praelongus* Carlgren, 1949 [Ref. 31], p. 27. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 13.1.1.

Calamactis praelongus Carlgren, 1951 [Ref. 304], p. 416 (original description)

Calamactis praelonga Carlgren, 1951: correct spelling original herein.

***praelonga*, *Daontesia* (Carlgren, 1928)**

Synonymy: *Sagartiogeton praelongus* Carlgren, 1928 [Ref. 201], p. 256, 257, 259, 302 (original description).

Daontesia praelonga (Carlgr.): Carlgren, 1942 [Ref. 197], p. 5–7.

praelongus, *Calamactis* Carlgren, 1951

Type species of *Calamactis* by monotypy.

Valid name: ***Calamactis praelonga* Carlgren, 1951** for gender agreement

Described from x1.

Type specimen: USNM 49453: holotype, Mexico, Sonora, Gulf of California, Estero de la Luna

praelongus, *Sagartiogeton* Carlgren, 1928

Type species of *Daontesia* by monotypy.

Valid name: ***Daontesia praelonga* (Carlgren, 1928)**

Described from unspecified number.

Type specimens: NRS 5693: 1 syntype, Greenland, Denmark Strait; UCMNH *no number*: 1 syntype, Greenland, Denmark Strait

***praetexta*, *Phyllactis* (Couthouy in Dana, 1846)**

Synonymy: *Metridium praetextum* Couthouy in Dana, 1846 [Ref. 318], p. 150–152 (original description).

Phyllactis praetexta [no author]: Milne Edwards & Haime, 1851 [Ref. 162], p. 12.

Phyllactis praetexta Dana: Andres, 1883 [Ref. 6170], p. 503–504.

Asteractis n. sp.: Duerden, 1897 [Ref. 55], p. 455.

Asteractis expansa Duerden: Duerden, 1902 [Ref. 57], p. 343–347, 366, 370.

Asteractis flosculifera (Les.) Verrill: Verrill, 1907 [Ref. 476], p. 266–268.

Phyllactis conchilega (Duchassaing & Michelotti 1860): Corrêa, 1964 [Ref. 312], p. 49, 50, 67, 74, 85–90, 97, 129, 130.

Metridium praetextum [no author]: Dube, 1974 [Ref. 1477], p. 48.
Phyllactis pretexta [sic] Dana, 1846: Manjarrés, 1978 [Ref. 133], p. 127–129, 132.

praetextum, *Metridium* Couthouy in Dana, 1846

Type species of *Phyllactis* by monotypy.

Valid names used: *Actinostella flosculifera* (Le Sueur, 1817); *Phyllactis praetexta* (Couthouy in Dana, 1846)

Described from unspecified number >1.

Type specimens: syntypes *not found*: Brazil, Rio de Janeiro Harbor, off Santa Cruz (United States Exploring Expedition ["Wilkes Expedition"]); syntypes *not found*: Brazil, Rio de Janeiro Harbor, north side near Praya Grande (United States Exploring Expedition ["Wilkes Expedition"])

***prasina*, *Actinia* Gosse, 1860**

Described from unspecified number and locality.

Type specimens: syntypes *not found*. x5 specimens labeled neotype in BMNH cannot be what Sole-Cava & Thorpe (1987: 228) stated of them: "we have deposited neotype specimens ... consist[ing] of a designated holotype (Specimen No. 1986.12.17.1) and 4 paratypes (Specimens 1986.12.17.2-5)." Both are impossible: holotype and paratypes must be fixed "when the nominal taxon is established" and a neotype is a "single specimen" (International Code of Zoological Nomenclature Glossary). Further, Sole-Cava & Thorpe (1987) did not meet the qualifying conditions for designating a neotype (International Code of Zoological Nomenclature Article 75.3).

Synonymy: *Actinia mesembryanthemum prasina* Gosse, 1860 [Ref. 356], p. 177 (original description).

Actinia equina prasina [no author]: Haddon, 1886 [Ref. 781], p. 615.

Actinia prasina [no author]: Haylor, Thorpe, & Carter, 1984 [Ref. 112], p. 287, 288.

pretiosa, *Actinia* Dana, 1846

Valid name: *Alicia pretiosa* (Dana, 1846)

Described from x1.

Type specimen: holotype *not found*: Fiji, Vanua-levu, Sandalwood Bay (United States Exploring Expedition ["Wilkes Expedition"])

***pretiosa*, *Alicia* (Dana, 1846)**

Synonymy: *Actinia pretiosa* Dana, 1846 [Ref. 318], p. 137 (original description).

Cereus pretiosus [no author]: Milne Edwards, 1857 [Ref. 508], p. 272.

Undescribed genus *pretiosa* Dana: Andres, 1883 [Ref. 6170], p. 450.

Alicia pretiosa (Dana): Haddon & Shackleton, 1893 [Ref. 364], p. 128.

priapus, *Actinia* Tilesius, 1809

Type species of *Dendractis* by monotypy.

Valid names used: *Calliactis parasitica* (Couch, 1842); *Metridium dianthus* (Ellis, 1767); *Metridium furcimen* (Brandt, 1835)

Described from unspecified number.

Type specimens: syntypes *not found*: Russia, Kamchatka, Petropaulowsk

***prima*, *Aiptasia* (Stephenson, 1918)**

Synonymy: *Aiptasioides prima* Stephenson, 1918 [Ref. 448], p. 51-53 (original description).

Aiptasia prima Stephenson, 1918: Stephenson, 1920 [Ref. 449], p. 530.

prima, *Aiptasioides* Stephenson, 1918

Type species of *Aiptasioides* by original designation.

Valid name: *Aiptasia prima* (Stephenson, 1918)

Described from x4.

Type specimens: BMNH 1918.5.12.22: 2 syntypes, Brazil, Espirito Santo, South Trinidad Island (*Terra Nova* Expedition 1910 sta. 36); BMNH 1918.8.16.12: 10 microscope slides of syntype, Atlantic Ocean, Falkland Islands, South Trinidad [Saunders] Island (*Terra Nova* Expedition 1910 sta. 36)

***prima*, *Synantheopsis* England, 1992**

Synonymy: *Synantheopsis primus* England, 1992 [Ref. 73], p. 49, 80–82 (original description).

=? *Synantheopsis parulekari* den Hartog & Vennam, 1993 [Ref. 110], p. 617–625 (original description).

Synantheopsis prima England, 1992: correct spelling original herein.

primula, *Actinia* Drayton in Dana, 1846

Type species of *Aceractis* by monotypy.

Valid names used: ***Anthothoe chilensis* (Lesson, 1830); *Nemactis primula* (Drayton in Dana, 1846)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: Peru, Callao, island of San Lorenzo (United States Exploring Expedition ["Wilkes Expedition"])

***primula*, *Nemactis* (Drayton in Dana, 1846)**

Synonymy: *Actinia primula* Drayton in Dana, 1846 [Ref. 318], p. 134–135 (original description).

Nemactis primula [no author]: Milne Edwards, 1857 [Ref. 508], p. 282.

Nemactis Draytoni Milne Edwards, 1857 [Ref. 508], p. 282–283 (original description).

Nemactis Draytonii [sic] Edw. and Haime: Verrill, 1869 [Ref. 458], p. 488, 493.

Aceractis Draytoni M. Edw.: Andres, 1883 [Ref. 6170], p. 570, 571–572. *incertae sedis*

Nemactis Draytonia [sic] M. Edw.: Haddon, 1898 [Ref. 363], p. 452.

primus, *Synantheopsis* England, 1992

Type species of *Synantheopsis* by original designation.

Valid name: ***Synantheopsis prima* England, 1992** for gender agreement

Described from x1.

Type specimen: BMNH 1992.7.9.18: holotype, China, Hong Kong, New Territories, Hoi Ha

***problematica*, *Sagartia* Pax, 1922**

Described from unspecified number.

Type specimen: MNB 7209: holotype, South Africa, False Bay, Simons Bay

Synonymy: *Sagartia problematica* Pax, 1922 [Ref. 413], p. 90 (original description).

producta, *Actinia* Stimpson, 1856

Type species of *Haloclava* by original designation.

Valid name: ***Haloclava producta* (Stimpson, 1856)**

Described from unspecified number.

Type specimens: syntypes *not found*: USA, South Carolina, near Fort Johnson

***producta*, *Haloclava* (Stimpson, 1856)**

Synonymy: *Actinia producta* Stimpson, 1856 [Ref. 610], p. 110–111 (original description).

Corynactis albida Agassiz, 1861 [Ref. 612], p. 24 (original description). senior homonym

Halcampa albida [no author]: Verrill, 1864 [Ref. 455], p. 29–30.

Halcampa producta Stimpson: Verrill, 1864 [Ref. 455], p. 30–31.

Halocampa [sic] *albida* (Ag.): Verrill, 1866 [Ref. 459], p. 338.

Halocampa [sic] *producta* [no author]: Baird, 1873 [Ref. 728], p. 330, 363, 738.

Halcampa Elizabethae A. & E. Agassiz in Andres, 1883 [Ref. 6170], p. 316 (original description).

Eloactis producta [no author]: McMurrich, 1893 [Ref. 386], p. 144.

Haloclava albida Ver.: Verrill, 1899 [Ref. 470], p. 41.

Haloclava producta (Stimp.) Ver.: Verrill, 1899 [Ref. 470], p. 41–42.

[*non*] *Corynactis albida* Stuckey, 1909 [Ref. 244], p. 390–392 (original description). junior primary homonym

Haloclava producta [sic] Kenneth [sic]: Pei, 1998 [Ref. 765], p. 76–77, 228.

***producta*, *Triactis* Klunzinger, 1877**

Type species of *Triactis* by monotypy.

Described from unspecified number.

Type specimens: syntypes *not found*: Red Sea [Mer Rouge]

Synonymy: *Triactis producta* Klunzinger, 1877 [Ref. 121], p. 85–86 (original description).

Actinia prehensa Moebius: Richters, 1880 [Ref. 5999], p. 174.

Sagartia prehensa Möb: Andres, 1883 [Ref. 6170], p. 389.

Viatrix cincta Haddon & Shackleton, 1893 [Ref. 364], p. 117, 127 (original description).

Hoplophoria cincta (H. & S.): Haddon, 1898 [Ref. 363], p. 398, 438–439.

Phyllodiscus indicus Stephenson, 1921 [Ref. 450], p. 561 (original description).

Phyllodiscus cincta H. and S.: Stephenson, 1922 [Ref. 451], p. 280.

Sagartia pugnax Verrill, 1928 [Ref. 263], p. 18–19 (original description).

Phyllodiscus cinctus [no author]: Stephenson, Stephenson, Tandy, & Spender, 1931 [Ref. 682], p. 38, 106.

Triactis cincta (Hadd.): Carlgren, 1945 [Ref. 282], p. 7.

Actinothoë pugnax (Verrill 1928): Carlgren, 1949 [Ref. 31], p. 103.

Bunodeopsis prehensa (Möbius, 1880): Uchida & Soyama, 2001 [Ref. 1832], p. 23, 150, 153.

***profunda*, *Edwardsia* Daly & Ljubenkov, 2008**

Described from holotype, unspecified number of paratypes.

Type specimens: CAS 175213: holotype, USA, California, Los Angeles County (LA-3 sta. CN1); CAS 175214: 1 paratype, USA, California, San Diego County (OCSA Historic sta. B41); CAS 175211: 1 paratype, USA, California, Monterey Bay (Southern Cross ALT 1 sta. 1.1200s.1); CAS 175215: 1 paratype, USA, California, San Diego County (OCSA Historic sta. B47); SBMNH 422856: 1 paratype, USA, California, Santa Maria Basin (MMS Phase I sta. 78); SBMNH 422859: 1 paratype, USA, California, Santa Maria Basin (MMS Phase II sta. R-7); SBMNH 422857: 2 paratypes, USA, California, Santa Maria Basin (MMS Phase I sta. 56)

Synonymy: *Edwardsia californica* (McMurrich, 1913a): Fautin, 1998 [Ref. 740], p. 129–130.

Edwardsia profunda Daly & Ljubenkov, 2008 [Ref. 5980], p. 1, 7, 13, 13–15, 22–24 (original description).

***profundale*, *Galatheanthemum* Carlgren, 1956**

Type species of *Galatheanthemum* by original designation.

Described from x40 *ex* "type locality": 80+ others *ex* five stations named in description.

Type specimens: UCMNH *no number*: holotype, 35°51'S, 178°31'W (*Galathea* Expedition sta. 658); UCMNH *no number*: 32 paratypes, 35°51'S, 178°31'W (*Galathea* Expedition sta. 658)

Synonymy: *Galatheanthemum profundale* Carlgren, 1956 [Ref. 310], p. 10–12 (original description).

***prolifera*, *Actinia* Sars, 1835**

Type species of *Gonactinia* by monotypy.

Valid name: *Gonactinia prolifera* (Sars, 1835)

Described from x2.

Type specimens: syntypes *not found*: Norway, Bergensfjord

***prolifera*, *Epiactis* Verrill, 1869**

Type species of *Epiactis* by monotypy.

Described from unspecified number.

Type specimens: YPM 2123: 7+ syntypes, USA, Washington, Puget Sound; YPM 8136: 2+ syntypes, USA, Washington, Puget Sound

Synonymy: *Epiactis prolifera* Verrill, 1869 [Ref. 458], p. 492–493 (original description).

=? *Bunodes Japonica* Verrill, 1869 [Ref. 461] (1870), p. 62 [28] (original description).

Epiactis fertilis Andres, 1883 [Ref. 6170], p. 570, 574–575 (original description as *nomen novum*).
incertae sedis

=? *Epiactis ritteri* Torrey, 1902 [Ref. 253], p. 393–394 (original description).

[*non*] *Epiactis prolifera* [no author]: Uchida, 1934 [Ref. 258], p. 17–31.

Comment: *Epiactis fertilis* Andres, 1883, a *nomen novum* for this species.

***prolifera*, *Gonactinia* (Sars, 1835)**

Synonymy: *Actinia prolifera* Sars, 1835 [Ref. 697], p. 11–13 (original description).

Gonactinia prolifera S.: Sars, 1851 [Ref. 644], p. 142–143.

Gonactinia prolifera Sars: Andres, 1883 [Ref. 6170], p. 570, 574. *incertae sedis*

Gonactinea [sic] prolifera [no author]: Häussermann & Försterra, 2005 [Ref. 5503], p. 94.

Gonactia [sic] prolifera (Sars, 1835): Rodríguez, López-González, & Gili, 2007 [Ref. 5911], p. 1880.

***psammomitra*, *Andvakia* (Bourne, 1918)**

Synonymy: *DecapHELLia psammomitra* Bourne, 1918 [Ref. 25], p. 60–67 (original description).

Andvakia psammomitra (Bourne, 1918): Daly & Goodwill, 2009 [Ref. 6025], p. 265, 271.

psammomitra, *DecapHELLia* Bourne, 1918

Type species of *DecapHELLia* by monotypy.

Valid name: ***Andvakia psammomitra* (Bourne, 1918)**

Described from x2.

Type specimens: syntypes *not found*: New Caledonia [Nouvelle-Calédonie], Loyalty Islands, Lifu [Lifou]

***psammophora*, *Eltaninactis* Sanamyan, 2001**

Synonymy: *Eltaninactis psammophorum* Sanamyan, 2001 [Ref. 1323], p. 5–6 (original description).

Eltaninactis psammophora Sanamyan, 2001: correct spelling original herein.

psammophorum, *Eltaninactis* Sanamyan, 2001

Valid name: ***Eltaninactis psammophora* Sanamyan, 2001** for gender agreement

Described from x1.

Type specimen: KIEE 1/182: holotype, Russia, Sea of Japan, Kurile Islands, northern Kurile Islands

psapharoderma, *Actinia* Pax, 1922

Valid name: ***Pseudactinia infecunda* (McMurrich, 1893)**

Described from unspecified number.

Type specimens: MNB 7005: 3 syntypes, South Africa, False Bay, Simons Bay

pseudoheteractis, *Bartholomea* Watzl, 1922

Valid name: ***Ragactis lucida* (Duchassaing & Michelotti, 1860)**

Described from x1.

Type specimen: holotype *not found*: Caribbean Sea, Lesser Antilles, Barbados

pseudoroseni, *Phellia* Pax, 1924

Valid name: ***Telmatactis cricoides* (Duchassaing, 1850)**

Described from x2.

Type specimens: ZMA 3056: 2 syntypes, Caribbean Sea, Netherlands Antilles, Curaçao, Caracas Bay

***pseudotagetes*, *Bartholomea* Pax, 1924**

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, Jamaica

Synonymy: *Aiptasia tagetes* (Duch. et Mich.): Pax, 1910, p. 162, 164, 203–206.

Bartholomea pseudotagetes Pax, 1924, p. 106 (original description).

pudica, *Edwardsia* Klunzinger, 1877

Type species of *Edwardsianthus* by original designation.

Valid name: ***Edwardsianthus pudica* (Klunzinger, 1877)**

Described from unspecified number.

Type specimens: MNB 1878: 1 syntype, Egypt, Red Sea [Mer Rouge], Koseir; NRS 69: piece of syntype, Egypt, Red Sea [Mer Rouge], Koseir

***pudica*, *Edwardsianthus* (Klunzinger, 1877)**

Synonymy: *Edwardsia pudica* Klunzinger, 1877 [Ref. 121], p. 80–81 (original description).

Edwardsiella pudica Klunz.: Andres, 1883 [Ref. 6170], p. 309.

Edwardsia Adenensis Faurot, 1895 [Ref. 76], p. 46, 55, 117, 120–127 (original description).

Edwardsia adenensis [no author]: McMurrich, 1901 [Ref. 390], p. 155–156.

=? *Edwardsia vermiformis* Bourne, 1916 [Ref. 24], p. 517 (original description). *nomen dubium* according to Williams, 1981 [Ref. 491], p. 349.

Edwardsia rakaiyae Bourne, 1916 [Ref. 24], p. 518 (original description). *nomen dubium* according to Williams, 1981 [Ref. 491], p. 349.

Edwardsia bocki Carlgren, 1931 [Ref. 287], p. 7–9 (original description).

Edwardsia rekaiyae Bourne 1916: Carlgren, 1949 [Ref. 31], p. 23.

Edwardsia stephensoni Carlgren, 1949 [Ref. 31], p. 24. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 13.1.1.

Edwardsia stephensoni [no author]: Carlgren, 1950 [Ref. 311], p. 427, 428–429 (original description).

Edwardsianthus pudica (Klunzinger, 1877): England, 1987 [Ref. 63], p. 206, 207–208, 217–218, 224–229, 231.

Edwardsianthus pudicua [sic] (Klunzinger, 1877): den Hartog, 1994 [Ref. 6022], p. 77.

pugnax, *Sagartia* Verrill, 1928

Valid names used: ***Telmatactis decora* (Hemprich & Ehrenberg in Ehrenberg, 1834); *Triactis producta* Klunzinger, 1877**

Type specimens: AMNH 1585: ½ syntype, USA, Hawaiian Islands, Oahu; BPBM D113: 2 syntypes, USA, Hawaiian Islands, Oahu; syntypes *not found*: USA, Northern Line Islands, Palmyra Atoll; syntypes *not found*: Kiribati [Phoenix Islands], Line Islands, Christmas Island; syntypes *not found*: Phoenix Islands, Howland Island; syntypes *not found*: Kiribati [Phoenix Islands], Line Islands, Washington Island [Teraina]

pulchella, *Actinia* Hemprich & Ehrenberg in Ehrenberg, 1834

Valid name: ***Paractis pulchella* (Hemprich & Ehrenberg in Ehrenberg, 1834)**

Described from unspecified number.

Type specimens: syntypes *not found*: Egypt, Red Sea [Mer Rouge], Tor [Tur, El-Tur, El Tûr]

***pulchella*, *Aiptasia* Carlgren, 1943**

Described from "several specimens"

Type specimens: NRS 4075: 5 syntypes, Japan, Honshu, Sagami Bay, Kanagawa-ken, Misaki

Synonymy: *Aiptasia pulchella* Carlgren, 1943 [Ref. 305], p. 38–40 (original description).

Aiptasia californica Carlgren, 1952 [Ref. 306], p. 388 (original description).

Aipstasia [sic] *pulchella* [no author]: Reimer, Sinniger, Fujiwara, Hirano, & Maruyama, 2007 [Ref. 5829], p. 257.

***pulchella*, *Paractis* (Hemprich & Ehrenberg in Ehrenberg, 1834)**

Synonymy: *Actinia pulchella* Hemprich & Ehrenberg in Ehrenberg, 1834 [Ref. 58], p. 262 (original description).

Actinia (Diplostephanus) pulchella Ehrenb.: Brandt, 1835 [Ref. 65], p. 10.

Paractis pulchella [no author]: Klunzinger, 1877 [Ref. 121], p. 71.

Entacmaea pulchella H. u. E.: Carlgren, 1899 [Ref. 152], p. 15.

***pulcher*, *Phymanthus* (Andres, 1883)**

Synonymy: *Ragactis pulchra* Andres, 1883 [Ref. 6170], p. 467–468 (original description).

Phymanthus pulchra [sic] (Andres 1883): Carlgren, 1949 [Ref. 31], p. 75.

Phymanthus pulcher (Andres 1884): Schmidt, 1972 [Ref. 441], p. 94–97.

Phymanthus pulchra [sic] (Andres 1883): England, 1988 [Ref. 62], p. 49.

pulcherrima, *Actinia* Jordan, 1855

Valid name: *Sagartia elegans* (Dalyell, 1848)

Described from x1.

Type specimen: holotype *not found*: UK, England, Devon, near Dawlish

pulchra, *Chondrodactis* Stephenson, 1918

Valid name: ***Phelliactis pulchra* (Stephenson, 1918)**

Described from x3.

Type specimens: syntypes *not found*: Ireland, southern and western Ireland

***pulchra*, *Phelliactis* (Stephenson, 1918)**

Synonymy: *Chondrodactis pulchra* Stephenson, 1918 [Ref. 442], p. 139–142 (original description).

Phelliactis pulchra (Stephenson 1918a): Carlgren, 1949 [Ref. 31], p. 96.

pulchra, *Ragactis* Andres, 1883

Valid name: ***Phymanthus pulcher* (Andres, 1883)**

Described from x1 *ex* unspecified locality.

Type specimen: holotype *not found*

***punctata*, *Actinia* Gay, 1854**

Described from unspecified number.

Type specimens: syntypes *not found*: Chile, Chiloé Island, San Carlos

Synonymy: *Actinia punctata* Gay, 1854 [Ref. 5981], p. 453 (original description).

punctata, *Cribrina* Schmarda, 1852

Valid name: ***Aiptasia mutabilis* (Gravenhorst, 1831)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: Mediterranean Sea, Adriatic Sea, Lissa, Hafen S. Giorgio

***punctata*, *Paractis* Andres, 1881**

Described from unspecified number.

Type specimens: syntypes *not found*: Italy, Gulf of Naples

Synonymy: =? *Actinia coccinea* [no author]: Müller, 1778 [Ref. 169], p. 30.

Paractis punctata Andres, 1881 [Ref. 4], p. 314, 341 (original description).

punctulata, *Actinia* Quoy & Gaimard, 1833

Type species of *Spyractis* by monotypy.

Valid name: ***Spyractis punctulata* (Quoy & Gaimard, 1833)**

Described from large number.

Type specimens: syntypes *not found*: Australia, Tasmania, Hobart

***punctulata*, *Spyractis* (Quoy & Gaimard, 1833)**

Synonymy: *Actinia punctulata* Quoy & Gaimard, 1833 [Ref. 194], p. 145–146 (original description).

Spyractis punctulata Q. & Gaim.: Andres, 1883 [Ref. 6170], p. 570, 571. *incertae sedis*

pura, *Thoe* (*Sagartia*) Wright, 1859

Valid name: ***Metridium senile* (Linnaeus, 1761)**

Type specimens of a *nomen novum* are those of the species whose name is replaced (International Code of Zoological Nomenclature Article 72.7).

Comment: Replacement name (International Code of Zoological Nomenclature Article 60) for junior primary homonym *Actinia pellucida* Alder, 1858. Wright (1859) [Ref. 949] referred to Gosse's figure of species in discussion of *Thoe* (*Sagartia*) *pura*, crediting name to Alder: Gosse (1860 [Ref. 356]) did not cite Wright.

***purpurea*, *Actinecta* (Moseley, 1877) new combination**

Synonymy: *Nautactis purpureus* Moseley, 1877 [Ref. 166], p. 295–296 (original description).

Phlyctaenominyas purpurea Mos.: Andres, 1883 [Ref. 6170], p. 564.

Nautactis purpurea Mosel.: Carlgren, 1924 [Ref. 904], p. 465.

Actinecta purpurea (Moseley, 1877): new combination herein.

purpurea, Actinia Cuvier, 1798

Valid name: ***Actinia equina* (Linnaeus, 1758)**

Described from unspecified number.

Type specimens: syntypes *not found*: France, La Manche coast

purpurea, Halcampa Studer, 1879

Valid name: ***Halcampoides purpureus* (Studer, 1879)**

Described from unspecified number.

Type specimens: MNB 1607: ½ syntype, Kerguelen; MNB 2199: 3 syntypes, Kerguelen; MNB 1631: 1+ syntypes, Kerguelen, Rhodes Bay (*Gazelle* Expedition)

***purpureus, Halcampoides* (Studer, 1879)**

Synonymy: *Halcampa purpurea* Studer, 1879 [Ref. 262], p. 545–546 (original description).

Halcampa clavus [no author]: Hertwig, 1882 [Ref. 379], p. 82–85, 116, 118.

Fenja mirabilis Danielssen, 1887 [Ref. 583], p. 3–12, 13, 15–20 (original description).

Aegir frigidus Danielssen, 1887 [Ref. 583], p. 12–19 (original description).

[*non*] *Halcampa kerguelensis* Hertwig, 1888 [Ref. 382], p. 28–29 (original description). senior homonym

Halcampoides abyssorum Danielssen, 1890 [Ref. 321], p. 93–100 (original description).

Halcampa abyssorum [no author]: Danielssen, 1890 [Ref. 321], p. 99. *lapsus*

Aegir frigidus Danielssen: Carlgren, 1895 [Ref. 734], p. 285.

Halcampa septentrionalis Pax, 1912 [Ref. 409], p. 312 (original description).

Halcampoides elongatus Carlgren *in* Stephens, 1912 [Ref. 6215], p. 8 (original description).

Halcampoides purpurea (Stud.) Carlgr.: Carlgren, 1921 [Ref. 196], p. 82–92.

Halcampoides kerguelensis Pax, 1922 [Ref. 413], p. 75 (original description). senior homonym

Halcampa kerguelensis Studer: Stephenson, 1922 [Ref. 451], p. 252. junior secondary homonym

[*non*] *Halcampoides kerguelensis* Hertw.: Stephenson, 1922 [Ref. 451], p. 253. junior secondary homonym

Halcampoides macrodactyla Pax, 1922 [Ref. 413], p. 75–76 (original description).

Halcampoides stephensoni Pax, 1926 [Ref. 404], p. 59–60 (original description as *nomen novum*).

Halcampoides purpureus (Studer, 1879): correct spelling original herein.

purpureus, Nautactis Moseley, 1877

Valid name: ***Actinecta purpurea* (Moseley, 1877)** new combination

Described from x1.

Type specimen: holotype *not found*: Pacific Ocean, between the New Hebrides and the north-east coast of Australia

***pusilla, Actinia* Swartz, 1788**

Described from unspecified number.

Type specimens: syntypes *not found*: North Sea

Synonymy: *Actinia pusilla* Swartz, 1788 [Ref. 6085], p. 201–202 (original description).

Actinia pusilla [no author]: Andres, 1883 [Ref. 6170], p. 589. *species delendae*

***pusilla, Epiphellia* (Verrill, 1928)**

Synonymy: *Sagartia pusilla* Verrill, 1928 [Ref. 263], p. 11, 16–17 (original description).

Actinothoë pusilla (Verrill 1928): Carlgren, 1949 [Ref. 31], p. 103.

Epiphellia pusilla (Verrill 1928): Cutress, 1977 [Ref. 758], p. 140.

pusilla, Sagartia Verrill, 1928

Valid name: ***Epiphellia pusilla* (Verrill, 1928)**

Described from holotype, x1 paratype [disagrees with number found].

Type specimens: AMNH 1479: holotype, USA, Hawaiian Islands, Kauai, Nawiliwili Bay; BPBM D111: 3 paratypes, USA, Hawaiian Islands, Kauai, Nawiliwili Bay

pustulata, *Actinia* Couthouy in Dana, 1846

Valid name: ***Phymactis pustulata* (Couthouy in Dana, 1846)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: Brazil, Rio de Janeiro, off Praya Grande fort

pustulata, *Actinothoe* (McMurrich, 1887)

Synonymy: *Sagartia pustulata* McMurrich, 1887 [Ref. 385], p. 60–61 (original description).

Actinothoë pustulata (Mc Murrich 1907): Carlgren, 1949 [Ref. 31], p. 102.

pustulata, *Phymactis* (Couthouy in Dana, 1846)

Synonymy: *Actinia pustulata* Couthouy in Dana, 1846 [Ref. 318], p. 128–129 (original description).

Phymactis pustulata [no author]: Milne Edwards, 1857 [Ref. 508], p. 275–276.

=? *Phymactis clematis* Drayton: Stephenson, 1918 [Ref. 448], p. 23–24.

=? *Phymactis braziliensis* Carlgren, 1939 [Ref. 295], p. 795 (original description).

pustulata, *Sagartia* McMurrich, 1887

Valid names used: ***Actinothoe pustulata* (McMurrich, 1887)**; ***Diadumene lineata* (Verrill, 1869)**

Described from unspecified number.

Type specimens: syntypes *not found*: USA, North Carolina, Beaufort, Fort Macon

qingdaoensis, *Actinothoe* Pei, 1993

Described from x1.

Type specimen: IOC *no number*: holotype, China, Shandong Province, Qingdao, Zhonggang

Synonymy: *Actinothoe qingdaoensis* Pei, 1993 [Ref. 1263], p. 169–173 (original description).

qingdaoensis, *Anthopleura* Pei, 1995

Described from holotype, x5 paratypes.

Type specimens: IOC QA-025: holotype, China, Shandong Province, Qingdao, Zhanqiao; IOC QA-026: 2 paratypes, China, Shandong Province, Qingdao, Zhanqiao; IOC QA-027: 1 paratype, China, Shandong Province, Qingdao, Zhanqiao; IOC QA-029: 1 paratype, China, Shandong Province, Qingdao, Zhanqiao; IOC QA-030: 1 paratype, China, Shandong Province, Qingdao, Zhanqiao

Synonymy: *Anthopleura qingdaoensis* Pei, 1995 [Ref. 5013], p. 227, 229, 231 (original description).

quadrangula, *Epicladia* Hemprich & Ehrenberg in Ehrenberg, 1834

Type species of *Epicladia* by monotypy.

Valid name: ***Thalassianthus aster* Rüppell & Leuckart, 1828**

Described from unspecified number.

Type specimens: MNB 199: 2 syntypes, Egypt, Red Sea [Mer Rouge], Tor [Tur, El-Tur, El Tûr]; MNB 201: 2 syntypes, Egypt, Red Sea [Mer Rouge], Tor [Tur, El-Tur, El Tûr]; MNB 202: 4 syntypes, Egypt, Red Sea [Mer Rouge], Tor [Tur, El-Tur, El Tûr]

quadrangularis, *Actinia* Bruguière, 1789

Type species of *Tetractis* by monotypy: type species of ***Robsonactis*** by replacement.

Valid name: ***Robsonactis quadrangularis* (Bruguière, 1789)** new combination

Described from unspecified number.

Type specimens: syntypes *not found*: Madagascar, Foulepointe

quadrangularis, ***Robsonactis* (Bruguière, 1789)** new combination

Synonymy: *Actinia quadrangularis* Bruguière, 1789 [Ref. 606], p. 15–16 (original description).

Actinia (Tristephanus) quadrangularis Bruguiere [sic]: Brandt, 1835 [Ref. 65], p. 11.

Tetractis quadrangularis Brug.: Andres, 1883 [Ref. 6170], p. 570, 571. *incertae sedis*

Robsonactis quadrangularis (Bruguière, 1789): new combination herein.

quadricolor, *Actinia* Leuckart in Rüppell & Leuckart, 1828

Type species of *Entacmaea* by subsequent designation (Dunn, 1981).

Valid name: ***Entacmaea quadricolor* (Leuckart in Rüppell & Leuckart, 1828)**

Described from x1.

Type specimen: SMF 34: holotype, Egypt, Red Sea [Mer Rouge], near Suez

***quadricolor*, *Entacmaea* (Leuckart in Rüppell & Leuckart, 1828)**

Synonymy: [*non*] *Actinia helianthus* Ellis, 1767 [Ref. 767], p. 436 (original description). senior homonym

Actinia quadricolor Leuckart in Rüppell & Leuckart, 1828 [Ref. 220], p. 4–5 (original description).

Actinia vasa Quoy et Gaimard: de Blainville, 1830 [Ref. 94], p. 293. *nomen nudum*

Actinia Vas Quoy & Gaimard, 1833 [Ref. 194], p. 147–148 (original description).

Actinia vasum Quoy et Gaimard: de Blainville, 1834 [Ref. 64], p. 327.

Actinia erythrosoma Hemprich & Ehrenberg in Ehrenberg, 1834 [Ref. 58], p. 257 (original description).

Actinia adhaerens Hemprich & Ehrenberg in Ehrenberg, 1834 [Ref. 58], p. 258–259 (original description).

Actinia Helianthus Hemprich & Ehrenberg in Ehrenberg, 1834 [Ref. 58], p. 259 (original description).
junior primary homonym

Actinia (Tristephanus) Ehrenbergii Brandt, 1835 [Ref. 65], p. 11 (original description).

Actinia (Tristephanus) adhaerens Ehrenb.: Brandt, 1835 [Ref. 65], p. 11.

Actinia adhærens H. et Ehrenb.: Deshayes & Milne Edwards, 1840 [Ref. 68], p. 415–416.

Actinia vas Quoy et Gaim.: Deshayes & Milne Edwards, 1840 [Ref. 68], p. 421.

Actinia helianthus H. et Ehrenb.: Deshayes & Milne Edwards, 1840 [Ref. 68], p. 416.

Metactis vas [no author]: Milne Edwards & Haime, 1851 [Ref. 162], p. 8.

Anemonia adherens [*sic*] [no author]: Milne Edwards, 1857 [Ref. 508], p. 234.

Corynactis quadricolor [no author]: Milne Edwards, 1857 [Ref. 508], p. 259.

Paractis helianthus [no author]: Milne Edwards, 1857 [Ref. 508], p. 251–252.

Melactis [*sic*] *vas* [no author]: Milne Edwards, 1857 [Ref. 508], p. 260.

Corynactis vas Quoy and Gaimard: Verrill, 1869 [Ref. 461] (1870), p. 74 [40]. *misspelled*

Actinia crassicornis [no author]: de Crespigny, 1869 [Ref. 5029], p. 248.

Crambactis arabica Haeckel, 1876 [Ref. 104], p. 4 (original description).

Paractis erythrosoma [no author]: Klunzinger, 1877 [Ref. 121], p. 69.

Paractis adhærens [no author]: Klunzinger, 1877 [Ref. 121], p. 69–70.

Paractis Helianthus [no author]: Klunzinger, 1877 [Ref. 121], p. 70.

Anemonia adhaerens Ehr.: Andres, 1883 [Ref. 6170], p. 411.

Anemonia erythrosoma Ehr.: Andres, 1883 [Ref. 6170], p. 411.

Cereactis quadricolor Leuck.: Andres, 1883 [Ref. 6170], p. 456.

Ropalactis vas Q. & Gaim.: Andres, 1883 [Ref. 6170], p. 466–467.

Paractis Ehrenbergii Br.: Andres, 1883 [Ref. 6170], p. 477–478.

Condylactis erythrosoma (Ehr.): McMurrich, 1889 [Ref. 387], p. 21.

[*non*] *Condylactis Gelam* Haddon & Shackleton, 1893 [Ref. 364], p. 117, 123–124 (original description).

Condylactis Ramsayi Haddon & Shackleton, 1893 [Ref. 364], p. 117, 124 (original description).

Physobrachia Douglasi Saville-Kent, 1893 [Ref. 440], p. 150 (original description).

Anemonia Kwoiam Haddon & Shackleton, 1893 [Ref. 364], p. 117, 125–126 (original description).

Condylactis Gelam Haddon & Shackleton: Carlgren, 1896 [Ref. 735], p. 174.

Psychobrachia douglasi Saville-Kent: Carlgren, 1896 [Ref. 735], p. 175.

Gyrostoma Hertwigi Kwietniewski, 1897 [Ref. 400], p. 30–34 (original description).

Gyrostoma hertwigi Kwietniewski, 1898 [Ref. 125], p. 387–388, 424–425.

Anemonia Ramsayi (H. & S.): Haddon, 1898 [Ref. 363], p. 398, 419, 420–421.

Aulactinia Gelam (H. & S.): Haddon, 1898 [Ref. 363], p. 398, 442–443.

Crambactis [*sic*] *arabica* [no author]: Duerden, 1898 [Ref. 692], p. 103.

Entacmaea adhaerens H. u. E.: Carlgren, 1899 [Ref. 152], p. 14.

Isacmaea erythrosoma H. u. E.: Carlgren, 1899 [Ref. 152], p. 15.

Gyrostoma Stuhlmanni Carlgren, 1900 [Ref. 195], p. 36, 39–40 [56, 59–60] (original description).
Gyrostoma Kwoiam (H. & S.): Carlgren, 1900 [Ref. 195], p. 36 [56], 41 [61].
Gyrostoma Ramsayi (H. & S.): Carlgren, 1900 [Ref. 195], p. 36 [56], 41 [61].
Gyrostoma ramsayi (Haddon et Shackleton, 1893): McMurrich, 1904 [Ref. 391], p. 227.
Condylactis gelam Hadd. & Shackl.: Pax, 1907 [Ref. 402], p. 22.
Gyrostoma kwoiam (Hadd. u. Shackl.): Pax, 1907 [Ref. 402], p. 45.
Gyrostoma adhaerens (H. & E.): Pax, 1907 [Ref. 402], p. 46, 51–52.
[non] *Cymbactis maxima* Wassilieff, 1908 [Ref. 478], p. 27–28 (original description).
[non] *Cymbactis actinostoloides* Wassilieff, 1908 [Ref. 478], p. 25–27 (original description).
Gyrostoma Haddoni Lager, 1911 [Ref. 127], p. 216, 229–230 (original description).
Gyrostoma sulcatum Lager, 1911 [Ref. 127], p. 230–232 (original description).
Antheopsis Carlgreni Lager, 1911 [Ref. 127], p. 243–244 (original description).
Gyrostoma haddoni Lager: Stephenson, 1922 [Ref. 451], p. 268.
Antheopsis carlgreni Lager: Stephenson, 1922 [Ref. 451], p. 300.
Anemonia kwoiam Hadd. & Shackl.: Pax, 1924 [Ref. 415], p. 11.
[pro parte] *Anemone* 5 Verwey, 1930 [Ref. 1834], p. 314–315.
[pro parte] *Anemone* 6 Verwey, 1930 [Ref. 1834], p. 315–316.
Gyrostoma quadricolor (Leuck.): Carlgren, 1945 [Ref. 282], p. 10.
Gyrostoma erythrosoma (Hemp. & Ehr.): Carlgren, 1945 [Ref. 282], p. 10.
Gyrostoma helianthus [no author]: Carlgren, 1947 [Ref. 301], p. 9.
Gyrostoma Helianthus (Hemprich and Ehrenberg 1834): Carlgren, 1949 [Ref. 31], p. 59.
Gyrostoma adherens [sic] (p. Ehrenberg 1834): Carlgren, 1949 [Ref. 31], p. 59.
Gyrostoma stuhlmanni Carlgren 1900: Carlgren, 1949 [Ref. 31], p. 59.
Radianthus carlgreni (Lager 1911): Carlgren, 1949 [Ref. 31], p. 74.
Isactinia Kwoiam (Hadd. & Shackl.): Carlgren, 1950 [Ref. 311], p. 437.
[pro parte] *Stoichactis* sp.: Fishelson, 1965 [Ref. 1838], p. 1–13.
Actinia quatricolor [sic] Rüp.: Schlichter, 1968 [Ref. 1840], p. 935, 938, 940, 941, 951.
Gyrostoma heliantus [sic] [no author]: Fishelson, 1970 [Ref. 815], p. 110–112, 115.
Physobranchia ramsayi [no author]: Mariscal, 1970 [Ref. 1292], p. 2–3, 5–7, 9, 20–21, 28–29.
Radianthus gelam (Haddon and Shackleton): Allen, 1972 [Ref. 794], p. 122, 154, 168, 187, 200, 252, I.
Physobranchia douglasi Kent: Allen, 1972 [Ref. 794], p. 91, 167, 168, 169, 173, 179, 183, 227, 229, 252, 256, i.
Cymbactis actinostoloides Wassilieff: Moyer & Sawyers, 1973 [Ref. 1296], p. 87, 92.
Parasicyonis actinostoroides [sic] (Wassilieff 1908): Uchida, Okamoto, & Fukuda, 1975 [Ref. 1307], p. 31–32, 37–39, 41.
Parasicyonis maxima (Wassilieff 1908): Uchida, Okamoto, & Fukuda, 1975 [Ref. 1307], p. 32, 38–39, 41.
Parasicyonis actinostoloides (Wassilieff): Moyer & Bell, 1976 [Ref. 1293], p. 24.
Entacmaea quadricolor (Rueppell & Leuckart, 1828): Dunn, 1981 [Ref. 325], p. 3, 15–28, 39, 45, 56, 106–108.
Entacmaea quadricolor Type 1 (Rüppell and Leuckart): Hirose, 1985 [Ref. 1291], p. 114, 116–125.
Entacmaea quadricolor Type 2 (Rüppell and Leuckart): Hirose, 1985 [Ref. 1291], p. 114, 116–125.
Heteractis gelam (Haddon and Shackleton, 1893): Cutress & Arneson, 1987 [Ref. 317], p. 54, 55, 57, 60.
Entacmaea quadricolor Type I (Rüppell and Leuckart): Richardson, Harriott, & Harrison, 1997 [Ref. 1301], p. 59–66.
Entacmaea quadricolor Type II (Rüppell and Leuckart): Richardson, Harriott, & Harrison, 1997 [Ref. 1301], p. 59–66.
Entacmaea quadricolour [sic] [no author]: Srinivasan, Jones, & Caley, 1999 [Ref. 1306], p. 284–285, 287, 289–291.
Entacmaea actinostoloides Uchida, 1947: Uchida & Soyama, 2001 [Ref. 1832], p. 73, 150, 155.
Entacmaea ramsayi (Haddon et Shackleton, 1893): Uchida & Soyama, 2001 [Ref. 1832], p. 78, 150, 155.

***quadrilobatus*, *Isactinernus* Carlgren, 1918**

Type species of *Isactinernus* by monotypy.

Synonymy: *Isactinernus 4-lobatus* Carlgren, 1918 [Ref. 158], p. 29–30 (original description).

Synactinernus flavus Carlgren, 1918 [Ref. 158], p. 31 (original description).

Isactinernus quadrilobatus Carlgren.: Stephenson, 1922 [Ref. 451], p. 260.

***quinquecapitata*, *Peachia* McMurrich, 1913**

Described from unspecified number >1.

Type specimens: syntypes *not found*: Canada, British Columbia, Vancouver Island, Nanoose Bay

Synonymy: *Peachia quinquecapitata* McMurrich, 1913 [Ref. 395], p. 963–967 (original description).

Bicidium æquoreæ McMurrich, 1913 [Ref. 395], p. 967–968 (original description).

Bicidium æquoreae [no author]: Pax, 1926 [Ref. 404], p. 9.

radiata, *Actinia* Stimpson, 1856

Type species of *Paraipiasia* by original designation.

Valid names used: ***Cricophorus radiatus* (Stimpson, 1856); *Paraipiasia radiata* (Stimpson, 1856)**

Taxonomic issues related to applying the original name to these two species were discussed by Fautin & Goodwill (2009) [Ref. 6082].

Described from unspecified number.

Type specimens: syntypes *not found*: Japan

***radiata*, *Actinostella* (Duchassaing & Michelotti, 1860)**

Synonymy: *Oulactis radiata* Duchassaing & Michelotti, 1860 [Ref. 323], p. 47 (original description).

Lophactis radiata Duch.: Andres, 1883 [Ref. 6170], p. 507–508.

Actinostella radiata (Duch. Mich.): McMurrich, 1905 [Ref. 393], p. 6–7.

Phyllactis radiata D. and M.: Stephenson, 1922 [Ref. 451], p. 284.

radiata, *Oulactis* Duchassaing & Michelotti, 1860

Valid name: ***Actinostella radiata* (Duchassaing & Michelotti, 1860)**

Described from unspecified number and locality.

Type specimens: NRS 5635: piece of syntype, Caribbean Sea, Antilles

***radiata*, *Paraipiasia* (Stimpson, 1856)**

Synonymy: *Actinia radiata* Stimpson, 1856 [Ref. 239], p. 375 (original description).

Sagarta [*sic*] *radiata* Verrill, 1867 [Ref. 5915], p. 50.

Sagartia radiata Verrill: Verrill, 1869 [Ref. 461] (1870), p. 55–56 [21–22].

Paraipiasia radiata (Stimpson, 1855): England, 1992 [Ref. 73], p. 49, 89–93.

[*non*] *Cricophorus radiatus* (Stimpson, 1855): Uchida & Soyama, 2001 [Ref. 1832], p. 33, 150, 153.

Uncertain genus, species: Dave & Mankodi, 2009 [Ref. 6103], p. 1522.

***radiatus*, *Amphianthus* Carlgren, 1928**

Described from x5 *ex* two localities.

Type specimens: MNB 7189: 2 syntypes, Atlantic Ocean, Gulf of Guinea (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 53); MNB 7188: 1 syntype, Atlantic Ocean, Gulf of Guinea (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 63); NRS 4025: 2 syntypes, Atlantic Ocean, Gulf of Guinea (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 63)

Synonymy: *Amphianthus radiatus* Carlgren, 1928 [Ref. 198], p. 227–229 [105–107] (original description).

***radiatus*, *Handactis* (Stimpson, 1856) new combination**

Synonymy: *Actinia radiata* Stimpson, 1856 [Ref. 239], p. 375 (original description).

Cricophorus radiatus (Stimpson, 1855): Uchida & Soyama, 2001 [Ref. 1832], p. 33, 150, 153.

[*non*] *Paraipiasia radiata* (Stimpson, 1856): Fautin & Goodwill, 2009 [Ref. 6082], p. 101–113.

Handactis radiatus (Stimpson, 1856): new combination herein.

rakaiyæ, *Edwardsia* Bourne, 1916

Valid name: ***Edwardsianthus pudica* (Klunzinger, 1877)**

Described from x3.

Type specimens: syntypes *not found*: Papua New Guinea, New Britain, Blanche Bay, Straits of Rakaiya

ramsayi, *Condylactis* Haddon & Shackleton, 1893

Valid name: ***Entacmaea quadricolor* (Leuckart in Rüppell & Leuckart, 1828)**

Described from unspecified number.

Type specimens: MZC I.33500: 6 syntypes, Australia, Queensland, Torres Strait, Murray Islands, Waier [Wyer, Waier-Weer]

***ramunnii*, *Phytocoeteopsis* Panikkar, 1936**

Type species of *Phytocoeteopsis* by monotypy.

Described from unspecified number.

Type specimens: syntypes *not found*: India, Tamil Nadu, Madras [Chennai]

Synonymy: *Phytocoeteopsis ramunnii* Panikkar, 1936 [Ref. 177], p. 231, 233–239, 240, 243–244, 246–247 (original description).

Phytocoeteopsis ramunnii [no author]: Panikkar, 1937 [Ref. 179], p. 403–404, 411, 414.

Phytocoeteopsis [sic] *Ramunni* [sic] Panikkar 1936: Carlgren, 1949 [Ref. 31], p. 38.

Phytocoeteopsis [sic] *ramunni* [sic] [no author]: Hand, 1961 [Ref. 377], p. 77.

Phytocoeteopsis ramunni [sic] Panikkar (1936): Cheriyan, 1964 [Ref. 32], p. 658.

Phytocoeteopsis ramunii [sic] Panikkar: Misra & Soota, 1981 [Ref. 163], p. 151–152.

rapanuiensis, *Actinioides* Carlgren, 1922

Valid name: ***Gyractis sesere* (Haddon & Shackleton, 1893)**

Described from x6: "5 kleinere etwa gleich grosse Exemplare und 1 grösseres"

Type specimens: NHMG Anthoz. 848: 5 syntypes, Easter Island, Hanga Piko

rapanuiensis, *Phellia* Carlgren, 1922

Valid names used: ***Telmatactis panamensis* (Verrill, 1869); *Telmatactis rapanuiensis* (Carlgren, 1922)**

Described from x3.

Type specimens: NHMG Anthoz. 852: 3 syntypes, Easter Island, Hanga Piko

***rapanuiensis*, *Telmatactis* (Carlgren, 1922)**

Synonymy: *Phellia rapanuiensis* Carlgren, 1922 [Ref. 206], p. 153–156 (original description).

Telmatactis rapanuiensis (Carlgren 1920): Carlgren, 1949 [Ref. 31], p. 91.

Telmatactis rapanuensis [sic] (Carlgren, 1920): Chintiroglou, Doumenc, & Foubert, 1989 [Ref. 51], p. 11–12, 24, 25, 26, 28, 29, 35–38.

rapiformis, *Actinia* Le Sueur, 1817

Type species of *Ammophilactis* by original designation.

Valid name: ***Paranthus rapiformis* (Le Sueur, 1817)**

Described from x1.

Type specimen: holotype *not found*: USA, New Jersey, Egg Harbor

***rapiformis*, *Paranthus* (Le Sueur, 1817)**

Synonymy: *Actinia rapiformis* Le Sueur, 1817 [Ref. 128], p. 171–172 (original description).

Paractis rapiformis [no author]: Milne Edwards, 1857 [Ref. 508], p. 249.

Ammophilactis rapiformis (Les.) Ver.: Verrill, 1899 [Ref. 471], p. 144.

Paranthus rapiformis (Le Sueur 1817): Carlgren, 1949 [Ref. 31], p. 83.

***reclinata*, *Actinia* Bosc, 1802**

Described from unspecified number.

Type specimens: syntypes *not found*: North Atlantic Ocean

Synonymy: *Actinia reclinata* Bosc, 1802 [Ref. 636], p. 221 (original description).

Actinia (*Diplostephanus*) *reclinata* Bosc: Brandt, 1835 [Ref. 65], p. 10.

Actinia reclinata [no author]: Andres, 1883 [Ref. 6170], p. 590. *species delendae*
Viatrix reclinata (Bosc, 1802): Seaton, 1981 [Ref. 5115], p. 80, 82, 83, 88, 93–97, 99.

regalis, *Aureliania* Andres, 1883

Valid name: ***Capnea sanguinea* Forbes, 1841**

Described from unspecified number

Type specimens: syntypes *not found*: Italy, Gulf of Naples

Comments: For specimens Andres (1881) identified as *Aureliania augusta*. Because Andres was naming only those specimens, not the entire species, not a *nomen novum* (Andres termed it “n.n.”) in sense of the International Code of Zoological Nomenclature.

regularis, *Epigonactis* Verrill, 1899

Valid name: ***Epiactis fecunda* (Verrill, 1899)**

Described from x1.

Type specimen: USNM 24885: holotype, Canada, Newfoundland, fishing banks

***regularis*, *Phlyctenanthus* Zamponi & Acuña, 1992**

Described from holotype, x1 paratype.

Type specimens: MLP 8509: holotype, Argentina; FCEN C.A. 13: 1 paratype, Argentina

Synonymy: *Phlyctenanthus regularis* Zamponi & Acuña, 1992 [Ref. 277], p. 43–46, 49 (original description).

repens, *Sagartia* Danielssen, 1890

Valid name: ***Stomphia coccinea* (Müller, 1776)**

Described from x1.

Type specimen: MZB 8220: holotype, 74°8'N, 31°12'E (Norwegian North Atlantic Expedition 1876–1878 sta. 275)

reticulata, *Actinia* Couthouy in Dana, 1846

Type species of *Antholoba* by monotypy. Type species by original designation of *Actinolobopsis*, unnecessarily created by Verrill (1899) to replace *Antholoba*: the two have the same type species (International Code of Zoological Nomenclature Article 67.8).

Valid name: ***Antholoba achates* (Drayton in Dana, 1846)**

Described from x1 brooding individual.

Type specimens: syntypes *not found*: South America, Tierra del Fuego, Orange Harbor, near the watering cove (United States Exploring Expedition [“Wilkes Expedition”])

***reticulata*, *Calliactis* Stephenson, 1918**

Described from x9.

Type specimens: BMNH 1918.5.12.23–24: 7 syntypes, 22°56'S, 41°34'W (*Terra Nova* Expedition 1910 sta. 42); BMNH 1918.8.16.13: 9 microscope slides of syntype, 22°56'S, 41°34'W (*Terra Nova* Expedition 1910 sta. 42)

Synonymy: *Calliactis reticulata* Stephenson, 1918 [Ref. 448], p. 53–56 (original description).

retifera, *Phlyctenactis* Stuckey, 1909

Valid name: ***Phlyctenactis tuberculosa* (Quoy & Gaimard, 1833)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: New Zealand, Cook Strait

***reu*, *Alvinactis* Rodríguez, Castorani, & Daly, 2008**

Type species of *Alvinactis* by original designation.

Described from holotype, x3 paratypes.

Type specimens: FMNH 13979: holotype, Pacific Ocean, East Pacific Rise; FMNH 11504: 3 paratypes, Pacific Ocean, East Pacific Rise

Synonymy: *Alvinactis reu* Rodríguez, Castorani, & Daly, 2008 [Ref. 6004], p. 439–441, 443–447 (original description).

reynaudi, *Aulactinia* (Milne Edwards, 1857)

Synonymy: *Cystiactis Reynaudi* Milne Edwards, 1857 [Ref. 508], p. 276 (original description).

Cystiactis reynaudi Milne Edw.: Pax, 1908 [Ref. 403], p. 494–495 [292–293], 497 [295].

[*pro parte*] *Phymactis capensis* Less.: Pax, 1908 [Ref. 403], p. 485–488 [283–286], 497 [295], 500 [298].

[*pro parte*] *Bunodactis gigas* Pax, 1926 [Ref. 404], p. 23–25, 26 (original description).

Bunodactis michaelsoni Pax: Pax, 1926 [Ref. 404], p. 4, 5, 21, 22–23, 24, 25, 26.

Bunodactis reynaudi (Milne Edw.): Carlgren, 1938 [Ref. 283], p. 42–45.

[*non*] *Aulactinia reynaudi* (Milne-Edwards, 1857): Acuña & Zamponi, 1995 [Ref. 4862], p. 73–77, 79–81, 84.

Aulactinia reynaudii [*sic*] (Milne-Edwards, 1857): Zamponi, 2002 [Ref. 5710], p. 11.

Aulactinia reynaudi (Milne-Edwards, 1857): Zamponi, 2002 [Ref. 5710], p. 12.

[*non*] *Bunodactis reynaudi* (Milne-Edwards, 1857): Acuña & Griffiths, 2004 [Ref. 4949], p. 193, 196.

Aulactinia reynaudi [*sic*] (Milne Edwards, 1857): Rodríguez, López-González, & Gili, 2007 [Ref. 5911], p. 1879.

reynaudi, *Cystiactis* Milne Edwards, 1857

Valid name: ***Aulactinia reynaudi* (Milne Edwards, 1857)**

Described from unspecified number.

Type specimens: syntypes *not found*: South Africa, Cape of Good Hope

***rhadina*, *Alicia* Haddon & Shackleton, 1893**

Described from unspecified number.

Type specimens: syntypes *not found*: Australia, Queensland, Cape York, Albany Pass

Synonymy: *Alicia rhadina* Haddon & Shackleton, 1893 [Ref. 364], p. 117, 127–128 (original description).

***rhizophorae*, *Phymanthus* (Mitchell, 1890)**

Synonymy: *Thelaceros rhizophorae* Mitchell, 1890 [Ref. 164], p. 551–557 (original description).

Thelaceros rhizophorae Mitchell: Carlgren, 1895 [Ref. 734], p. 285.

Phymanthus rhizophorae [no author]: Duerden, 1898 [Ref. 556], p. 648.

Phymanthus rhizophorae Mitchell: Stephenson, 1922 [Ref. 451], p. 290.

Phymanthus rhizophoreae [*sic*] (Mitchell 1890): Carlgren, 1949 [Ref. 31], p. 75.

rhizophorae, *Thelaceros* Mitchell, 1890

Type species of *Thelaceros* by monotypy.

Valid name: ***Phymanthus rhizophorae* (Mitchell, 1890)**

Described from xl.

Type specimen: holotype *not found*: Indonesia, North Celebes, Talisse Island

rhododactyla, *Parantheoides* Pax, 1922

Valid name: ***Hormathia lacunifera* (Stephenson, 1918)**

Described from unspecified number.

Type specimens: MNHN 2376: 3 syntypes, Antarctica, South Shetland Islands, King George's Island (*Pourquoi Pas* sta. XVIII)

rhododactylos, *Actinia* Grube, 1840

Valid names used: ***Cribrinopsis crassa* (Andres, 1881); *Sagartia rhododactylos* (Grube, 1840)**

Described from unspecified number.

Type specimens: syntypes *not found*: Yugoslavia, Adriatic Sea, Veglia Island [Krk], near Fiume [Rijeka]

***rhododactylos*, *Sagartia* (Grube, 1840)**

Synonymy: *Actinia rhododactylos* Grube, 1840 [Ref. 103], p. 3–4 (original description).

Uncertain genus *rhododactylos* Gr.: Andres, 1883 [Ref. 6170], p. 579.

Sagartia rhododactylos (Grube, 1840): Pax & Müller, 1955 [Ref. 420], p. 121.

***rhodactylus*, *Oceanactis* Moseley, 1877**

Type species of *Oceanactis* by monotypy.

Described from x2.

Type specimens: syntypes *not found*: New Zealand, about 40 miles off New Zealand

Synonymy: *Oceanactis rhodactylus* Moseley, 1877 [Ref. 166], p. 296–297 (original description).

Dactylominyas rhododactyla [sic] Mos.: Andres, 1883 [Ref. 6170], p. 565.

Oceanactis rhododactyla [sic] Mosel.: Carlgren, 1924 [Ref. 904], p. 465.

rhodora, *Actinia* Couthouy in Dana, 1846

Valid name: ***Paranthus rhodora* (Couthouy in Dana, 1846)**

Described from unspecified number.

Type specimens: syntypes *not found*: Brazil, Rio de Janeiro, Hospital Island (United States Exploring Expedition ["Wilkes Expedition"])

***rhodora*, *Paranthus* (Couthouy in Dana, 1846)**

Synonymy: *Actinia rhodora* Couthouy in Dana, 1846 [Ref. 318], p. 148–149 (original description).

Dysactis rhodora [no author]: Milne Edwards, 1857 [Ref. 508], p. 263.

Aiptasia rhodora Dana: Andres, 1883 [Ref. 6170], p. 391.

Parantheoides rhodora Couthouy in Dana: Stephenson, 1920 [Ref. 449], p. 555.

?*Paranthus rhodorus* [sic] (Dana Hertwig 1882): Carlgren, 1949 [Ref. 31], p. 83.

Paranthus rhodora (Couthouy in Dana, 1846): correct spelling original herein.

***richardi*, *Actinauge* (Marion, 1882)**

Synonymy: *Actinea tuberculata* Cocks, 1850 [Ref. 6093], p. 94. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 12.1.

Actinea [sic] *tuberculata* Cocks, 1851 [Ref. 36], p. 7–8 (original description).

Tealia tuberculata (Cocks): Gosse, 1860 [Ref. 356], p. 217.

Chitonactis Richardi Marion, 1882 [Ref. 640], p. 458, 460 (original description).

Bathyactis Richardi Marion: Durègne, 1886 [Ref. 720], p. XXVIII.

Chitonactis richardi var. *A.* [no author]: Haddon, 1886 [Ref. 781], p. 617.

Chitonactis richardi Marion: Durègne, 1889 [Ref. 1], p. 312–320.

Actinauge richardi (Marion): Haddon, 1889 [Ref. 362], p. 317, 319–321.

Chitonactes [sic] *richardi* [no author]: Hickson, 1889 [Ref. 593], p. 9.

Actinauge Richardi [no author]: Dixon & Dixon, 1890 [Ref. 1262], p. 69.

Chondractinia nodosa (Fabricius): Gravier, 1922 [Ref. 358], p. 7–8, 10, 25, 54–56, 73, 92–99.

Actinauge Ricardi [sic] Mar.: Collings, 1938 [Ref. 1351], p. 27.

Hormathia Richardi (Mar.): Delphy, 1939 [Ref. 5959], p. 480, 483.

richardi, *Chitonactis* Marion, 1882

Valid name: ***Actinauge richardi* (Marion, 1882)**

Described from unspecified number.

Type specimens: syntypes *not found*: Atlantic Ocean, Bay of Biscay [Gulf of Gascogne, Golfe de Gascogne]

rickettsi, *Isometridium* Carlgren, 1951

Type species of *Isometridium* by monotypy.

Valid name: ***Metridium farcimen* (Brandt, 1835)**

Described from x1.

Type specimen: USNM 49458: holotype, Mexico, Sonora, Gulf of California, Guaymas; MZL 331: 2 pieces of holotype, Mexico, Sonora, Gulf of California, Guaymas

***rigida*, *Edwardsia* Marion, 1882**

Described from unspecified number.

Type specimens: syntypes *not found*: Atlantic Ocean, Bay of Biscay [Gulf of Gascogne, Golfe de Gascogne]

Synonymy: *Edwardsia rigida* Marion, 1882 [Ref. 640], p. 458–459 (original description). *nomen dubium* according to Williams, 1981 [Ref. 491], p. 349.

***rimicarivora*, *Maractis* Fautin & Barber, 1999**

Type species of *Maractis* by original designation.

Described from holotype, x4 paratypes.

Type specimens: KU 001149: holotype, Atlantic Ocean, Trans-Atlantic Geotraverse, Hydrothermal Vent Fields; BMNH 1999.80: 1 paratype, Atlantic Ocean, Trans-Atlantic Geotraverse, Hydrothermal Vent Fields; USNM 100132: 1 paratype, Atlantic Ocean, Trans-Atlantic Geotraverse, Hydrothermal Vent Fields; SBMNH 145140: 1 paratype, Atlantic Ocean, Trans-Atlantic Geotraverse, Hydrothermal Vent Fields; KU 001150: 1 paratype, Atlantic Ocean, Trans-Atlantic Geotraverse, Hydrothermal Vent Fields

Synonymy: *Maractis rimicarivora* Fautin & Barber, 1999 [Ref. 780], p. 624–631 (original description).

***ritteri*, *Epiactis* Torrey, 1902**

Type species of *Cnidopus* by monotypy.

Described from "several specimens".

Type specimens: syntypes *not found*: USA, Alaska, Popof Island

Synonymy: =? *Epiactis prolifera* Verrill, 1869 [Ref. 458], p. 492–493 (original description).

Epiactis ritteri Torrey, 1902 [Ref. 253], p. 393–394 (original description).

Cnidopus Ritleri (Torrey): Carlgren, 1934 [Ref. 291], p. 351–352.

Cnidopus ritteri (Torrey): Carlgren, 1945 [Ref. 282], p. 10.

***ritteri*, *Helianthopsis* Kwietniewski, 1898**

Type species of *Helianthopsis* by monotypy.

Valid name: ***Heteractis magnifica* (Quoy & Gaimard, 1833)**

Described from unspecified number (inferred x1).

Type specimen: PMJ 70: holotype, Indonesia, Moluccas Islands, Ambon [Amboina]; NRS 5553: piece of holotype, Indonesia, Moluccas Islands, Ambon [Amboina]

***robertii*, *Cribrinopsis* Parulekar, 1971**

Described from holotype, x5 paratypes.

Type specimens: ZSI *no number*: holotype, India, Maharashtra, Ratnagiri District, Padamgad, Malvan; ZSI *no number*: 5 paratypes, India, Maharashtra, Ratnagiri District, Padamgad, Malvan

Synonymy: [*pro parte*] *Cribrinopsis* sp.: Parulekar, 1968 [Ref. 184], p. 138, 143, 146.

Cribrinopsis robertii Parulekar, 1971 [Ref. 6160], p. 291–295 (original description).

***robusta*, *Carlgreniella* Watzl, 1922**

Type species of *Carlgreniella* by monotypy.

Valid name: ***Bartholomea annulata* (Le Sueur, 1817)**

Described from x1.

Type specimen: MZL 183: holotype, Bahamas, Andros, Mastic Point

***robusta*, *Halcampella* Carlgren, 1931**

Described from x1.

Type specimen: NRS 4029: holotype, South Atlantic Ocean

Synonymy: *Halcampella robusta* Carlgren, 1931 [Ref. 287], p. 30–32 (original description).

***robusta*, *Phelliactis* Carlgren, 1928**

Described from unspecified number *ex* four localities.

Type specimens: NRS 5669: 1 syntype, Greenland, West Greenland, Davis Strait, Baffin Bay (Danish Ingolf Expedition sta. 32); UCMNH *no number*: 7 syntypes, Greenland, West Greenland, Davis Strait, Baffin Bay (Danish Ingolf Expedition sta. 32); UCMNH *no number*: 1 syntype, Greenland, Denmark Strait (Danish Ingolf Expedition sta. 11); UCMNH *no number*: 4+ syntypes, Greenland, West

Greenland, Davis Strait, Baffin Bay (Danish Ingolf Expedition sta. 32); UCMNH *no number*: 1 syntype, Greenland, Denmark Strait (Danish Ingolf Expedition sta. 10); UCMNH *no number*: 5 syntypes, Greenland, West Greenland (Danish Ingolf Expedition sta. 27)

Synonymy: *Phelliactis robusta* Carlgren, 1928 [Ref. 201], p. 256, 259, 290–291 (original description).

robusta, *Porponia* Hertwig, 1882

Valid name: ***Actinernus robustus* (Hertwig, 1882)**

Described from x1.

Type specimen: BMNH 1889.11.25.30: holotype, 34°37'N, 140°32'E (*Challenger* Expedition 1873–1876 sta. 237)

***robustus*, *Actinernus* (Hertwig, 1882)**

Synonymy: *Porponia robusta* Hertwig, 1882 [Ref. 379], p. 113–115, 116 (original description).

Actinernus robustus (R. Hertw.) Carlgren.: Carlgren, 1918 [Ref. 158], p. 34–35.

***robustus*, *Sagartiogeton* Carlgren, 1924**

Type species of *Sagartiogeton* by subsequent designation (Carlgren, 1949).

Described from x2.

Type specimens: MNHN 2382: 1 syntype, Atlantic Ocean, Rockall Bank (*Pourquoi Pas* sta. CCVII); NRS 5682: 2 syntypes, Atlantic Ocean, Rockall Bank (*Pourquoi Pas* sta. CCVII)

Synonymy: *Sagartiogeton robustus* Carlgren, 1924 [Ref. 510], p. 26–27 (original description).

***rocioid*, *Onubactis* López-González, den Hartog, & García-Gómez, 1995**

Type species of *Onubactis* by original designation.

Described from holotype, x7 paratypes.

Type specimens: MNM 2.04/390: holotype, Spain, Huelva, El Portil; LBMS *no number*: 3 paratypes, Spain, Huelva, El Portil; LBMS *no number*: 2 paratypes, Spain, Huelva, El Portil; NNM 19695: 1 paratype, Spain, Huelva, El Portil; NNM 19694: 1 paratype, Spain, Huelva, El Portil

Synonymy: *Onubactis rocioid* López-González, den Hartog, & García-Gómez, 1995 [Ref. 586], p. 375–382 (original description).

***rockalliensis*, *Sagartia* Carlgren, 1924**

Described from "several specimens".

Type specimens: MNHN 2501: 11 syntypes, Atlantic Ocean, Rockall Bank (*Pourquoi Pas* sta. 205); MNHN 2033: 3 syntypes, Atlantic Ocean, Rockall Bank (*Pourquoi Pas* sta. 205); NRS 5548: 15 syntypes, Atlantic Ocean, Rockall Bank (*Pourquoi Pas* sta. 205)

Synonymy: *Sagartia rockalliensis* Carlgren, 1924 [Ref. 510], p. 27–28 (original description).

rondeletii, *Actinia* Delle Chiaje, 1822

Valid names used: ***Adamsia rondeletii* (Delle Chiaje, 1822)**; ***Calliactis parasitica* (Couch, 1842)**

Described from unspecified number.

Type specimens: syntypes *not found*: Italy, Gulf of Naples

***rondeletii*, *Adamsia* (Delle Chiaje, 1822)**

Synonymy: *Actinia Rondeletii* Delle Chiaje, 1822 [Ref. 1511], p. XXXV (original description).

Actinia Rondeleti [*sic*] Delle Chiaje, 1841 [Ref. 69], p. 137.

Adamsia Rondeletii Delle Chiaje: Gravier, 1918 [Ref. 101], p. 2.

Adamsia Rondeleti [*sic*] (Delle Chiaje): Gravier, 1922 [Ref. 358], p. 45–47, 49, 96–99.

***rosaceus*, *Amphianthus* Wassilieff, 1908**

Described from x1.

Type specimen: ZSM 153A: holotype, Japan, Honshu, Sagami Bay, Dogetsu [Dogetsuabank]

Synonymy: *Amphianthus rosaceus* Wassilieff, 1908 [Ref. 478], p. 41–43 (original description).

***rosea*, *Actinia* Risso, 1826**

Senior homonym to junior primary homonym of Gosse (1853). Resolved by considering Gosse name a junior synonym.

Described from unspecified number.

Type specimens: syntypes *not found*: France, Mediterranean Sea, Nice

Synonymy: *Actinia rosea* Risso, 1826 [Ref. 739], p. 287–288 (original description). senior homonym

[*non*] *Actinia rosea* Gosse, 1853 [Ref. 1241], p. 90–93, 95, 232 (original description). junior primary homonym

Actinia rosea [no author]: Andres, 1883 [Ref. 6170], p. 590. *species delendae*

rosea, Actinia Gosse, 1853

Junior primary homonym to senior homonym of Risso (1826). Resolved by considering Gosse name a junior synonym.

Valid names used: *Aiptasiogeton pellucidus* (Hollard, 1848); *Sagartia elegans* (Dalyell, 1848)

Described from unspecified number.

Type specimens: syntypes *not found*: UK, England, Devon

rosea, Actinopsis Studer, 1879

Type species of *Isantheopsis* by monotypy.

Valid name: *Isantheopsis rosea* (Studer, 1879)

Described from unspecified number (x1 implied).

Type specimen: holotype *not found*: Kerguelen, NW of Kerguelen

rosea, Anthopleura (Stuckey & Walton, 1910)

Synonymy: *Bunodes rosea* Stuckey & Walton, 1910 [Ref. 245], p. 542–543 (original description).

Bunodactis rosea (Stuckey and Walton 1910): Carlgren, 1949 [Ref. 31], p. 65.

Anthopleura rosea Stuckey and Walton, 1910: Parry, 1951 [Ref. 181], p. 88, 91, 106–107.

rosea, Bunodes Stuckey & Walton, 1910

Valid name: *Anthopleura rosea* (Stuckey & Walton, 1910)

Described from unspecified number >1.

Type specimens: syntypes *not found*: New Zealand, Pukeroa

rosea, Isantheopsis (Studer, 1879)

Synonymy: *Actinopsis rosea* Studer, 1879 [Ref. 262], p. 544–545 (original description).

Isantheopsis rosea (Studer 1878): Carlgren, 1949 [Ref. 31], p. 57.

rosea, Kadosactis Danielssen, 1890

Type species of *Kadosactis* by monotypy.

Described from x1.

Type specimen: MZB 605: ½ holotype, 63°22'N, 5°29'W (Norwegian North Atlantic Expedition 1876–1878 sta. 40);

MZL *no number*: 1 microscope slide of holotype, 63°22'N, 5°29'W (Norwegian North Atlantic Expedition 1876–1878 sta. 40)

Synonymy: *Kadosactis rosea* Danielssen, 1890 [Ref. 321], p. 8–11 (original description).

Phellia bathybia Danielssen, 1890 [Ref. 321], p. 64–67 (original description).

Phellia violacea Danielssen, 1890 [Ref. 321], p. 70–74 (original description).

Hormathia musculosa Gravier, 1918 [Ref. 101], p. 15–16 (original description).

rosea, Paracalliactis Hand, 1976

Described from nearly 200.

Type specimens: NMNZ Co. 76: holotype, New Zealand, South Island, Otago, Taiaroa Canyon; NMNZ Co. 77: 4 paratypes, New Zealand, South Island, Otago, Taiaroa Canyon

Synonymy: *Paracalliactis rosea* [no author]: Ross, 1974 [Ref. 1022], p. 287, 288. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 13.1.1.

Paracalliactis rosea [no author]: Hand, 1975 [Ref. 1924], p. 514–519. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 13.1.1.

Paracalliactis rosea Hand, 1976 [Ref. 375], p. 501–506 (original description).

Calliactis rosea Hand, Pei, 1996 [Ref. 1265], p. 185, 187.

roseni, *Phellia* Watzl, 1922

Valid name: ***Telmatactis roseni* (Watzl, 1922)**

Described from x4 ex two localities.

Type specimens: MZL 184: 2½ syntypes, Bahamas, New Providence, Nassau; 1 syntype *not found*: Bahamas, Andros, Mastic Point

***roseni*, *Telmatactis* (Watzl, 1922)**

Synonymy: *Phellia Roseni* Watzl, 1922 [Ref. 479], p. 48–52, 53, 75 (original description).

Phellia roseni [no author]: Pax, 1924 [Ref. 416], p. 106.

Telmatactis roseni (Watzl 1922): Carlgren, 1949 [Ref. 31], p. 90.

***rosula*, *Actinia* Ehrenberg, 1834**

Described from unspecified number.

Type specimens: MNB 145: 10 syntypes, Norway, Drøbak [Drøbak]

Synonymy: *Actinia Rosula* Ehrenberg, 1834 [Ref. 58], p. 261 (original description).

Actinia (Diplostephanus) rosula Ehrenb.: Brandt, 1835 [Ref. 65], p. 10.

Paractis rosula [no author]: Milne Edwards, 1857 [Ref. 508], p. 250.

Actinia rosula [no author]: Andres, 1883 [Ref. 6170], p. 593. *species delendae*

***rubens*, *Phellia* Verrill, 1869**

Described from unspecified number.

Type specimens: YPM 2111: 2 syntypes, Peru, Tumbes Department, Zorritos

Synonymy: *Phellia rubens* Verrill, 1869 [Ref. 458], p. 489–490 (original description).

ruber, *Priapus* Forsskål, 1775

Valid name: ***Actinia equina* (Linnaeus, 1758)**

Described from unspecified number.

Type specimens: syntypes *not found*: Egypt, Mediterranean Sea, Alexandria

***rubida*, *Actinia* Holdsworth, 1855**

Described from x6.

Type specimens: syntypes *not found*: UK, England, Devon, entrance to Dartmouth Harbour

Synonymy: *Actinia rubida* Holdsworth, 1855 [Ref. 116], p. 236–237.

***rubicollum*, *Edwardsia* Stimpson, 1856**

Type species of *Ammonactis* by monotypy.

Described from unspecified number.

Type specimens: syntypes *not found*: China

Synonymy: *Edwardsia rubicollum* Stimpson, 1856 [Ref. 239], p. 377 (original description). *nomen dubium* according to Williams, 1981 [Ref. 491], p. 348.

Ammonactis rubicollum Verrill: Verrill, 1865 [Ref. 457], p. 151.

rubripunctata, *Actinia* Grube, 1840

Valid names used: ***Aulactinia rubripunctata* (Grube, 1840)** new combination; ***Cribrinopsis crassa* (Andres, 1881)**

Described from unspecified number.

Type specimens: syntypes *not found*: Italy, Naples

***rubripunctata*, *Aulactinia* (Grube, 1840)** new combination

Synonymy: *Actinia glandulosa* Otto, 1823 [Ref. 656], p. 293–294 (original description).

Cribrina glandulosa (Otto): Ehrenberg, 1834 [Ref. 58], p. 264.

Actinia rubripunctata Grube, 1840 [Ref. 103], p. 4–5 (original description).

Cereus glandulosus [no author]: Milne Edwards, 1857 [Ref. 508], p. 265.

Bunodes rigidus [no author]: Andres, 1881 [Ref. 4], p. 317–318, 338.

Bunodes sabelloides Andres, 1881 [Ref. 4], p. 307, 318, 338 (original description).

Bunodes Duregnei Fischer, 1889 [Ref. 81], p. 301–305 (original description).
Bunodes Sabelloides [no author]: Fewkes, 1889 [Ref. 77], p. 29.
Bunodes duregnii [sic] Fischer: Carlgren, 1895 [Ref. 734], p. 285.
Bunodactis sabelloides (Andres): Verrill, 1899 [Ref. 470], p. 42.
Cribrina steinitzi Pax, 1925 [Ref. 418], p. 194–196 (original description).
Bunodactis Duregnei (Fischer 1889): Carlgren, 1949 [Ref. 31], p. 65.
Bunodactis rigidus (Andres 1880): Carlgren, 1949 [Ref. 31], p. 65.
Bunodactis steinitze [sic] Pax 1925a: Carlgren, 1949 [Ref. 31], p. 65.
Bunodactis rubripunctata (A.E. Grube, 1840): Pax & Müller, 1955 [Ref. 1622], p. 72–73.
Anthopleura rubripunctata [no author]: Schmidt, 1969 [Ref. 522], p. 439, 440.
Aulactinia duregnei [no author]: Dunn, Chia, & Levine, 1980 [Ref. 339], p. 2078.
Bunodactis rupripunctata [sic] (Grube, 1840): den Hartog, 1995 [Ref. 142], p. 173.
Aulactinia rubripunctata (Grube, 1840): new combination herein.

rubroalba, *Actinia* Quoy & Gaimard, 1833

Valid name: *Sagartia rubroalba* (Quoy & Gaimard, 1833)

Described from unspecified number.

Type specimens: syntypes *not found*: South Africa, Cape of Good Hope

***rubroalba*, *Sagartia* (Quoy & Gaimard, 1833)**

Synonymy: *Actinia rubro-alba* Quoy & Gaimard, 1833 [Ref. 194], p. 148–149 (original description).

Actinia rubro alba Quoy et Gaim.: Deshayes & Milne Edwards, 1840 [Ref. 68], p. 421–422.

Adamsia rubro-alba [no author]: Milne Edwards, 1857 [Ref. 508], p. 281.

Sagartia rubro-alba Q. & Gaim.: Andres, 1883 [Ref. 6170], p. 385.

***rubrofusca*, *Aulactinia* (Carlgren, 1924) new combination**

Synonymy: *Bunodactis rubro-fusca* Carlgren, 1924 [Ref. 208], p. 204–208 (original description).

Bunodactis rubrofusca Carlgren, 1924: Parry, 1951 [Ref. 181], p. 88, 115.

Aulactinia rubrofusca (Carlgren, 1924): new combination herein.

rubrofusca, *Bunodactis* Carlgren, 1924

Valid name: ***Aulactinia rubrofusca* (Carlgren, 1924) new combination**

Described from x14 *ex* three localities.

Type specimens: NRS 4044: 1 syntype, New Zealand, North Island, North Cape; UCMNH *no number*: 4 syntypes, New Zealand, North Island, Bay of Islands; UCMNH *no number*: 3 syntypes, New Zealand, North Island, Slipper Island; UCMNH *no number*: 6 syntypes, New Zealand, North Island, North Cape

rubus, *Actinia* Drayton *in* Dana, 1846

Valid names used: ***Nemactis rubus* (Drayton *in* Dana, 1846); *Parantheopsis ocellata* (Lesson, 1830)**

Described from unspecified number.

Type specimens: syntypes *not found*: Chile, Valparaiso (United States Exploring Expedition ["Wilkes Expedition"])

***rubus*, *Nemactis* (Drayton *in* Dana, 1846)**

Synonymy: *Actinia rubus* Drayton *in* Dana, 1846 [Ref. 318], p. 147 (original description).

Paractis rubus [no author]: Milne Edwards, 1857 [Ref. 508], p. 249.

Sagartia rubus Verrill: Verrill, 1869 [Ref. 458], p. 487.

Nemactis rubus Drayt.: Andres, 1883 [Ref. 6170], p. 395.

rufa, *Actinia* Müller, 1776

Valid name: ***Metridium senile* (Linnaeus, 1761)**

Senior homonym to junior primary homonym of Risso (1826). Andres (1883) recorded *Actinia rufa* Delle Chiaje, 1841, stating the name was associated with an image: it is not in the text. Were the name available, it would be a junior primary homonym to both *Actinia rufa* Müller, 1776, and *Actinia rufa* Risso, 1826.

Described from unspecified number.

Type specimens: syntypes *not found*: Denmark

***rufa*, *Actinia* Risso, 1826**

Junior primary homonym to senior homonym of Müller (1776). Resolved by considering Müller name a junior synonym.

Andres (1883) recorded *Actinia rufa* Delle Chiaje, 1841, stating the name was associated with an image: it is not in the text. Were it to be found available, it would be a junior primary homonym both to *Actinia rufa* Müller, 1776, and to *Actinia rufa* Risso, 1826.

Described from unspecified number.

Type specimens: syntypes *not found*: France, Mediterranean Sea, Nice

Synonymy: [*non*] *Actinia rufa* Müller, 1776 [Ref. 167], p. 231 (original description). senior homonym

Actinia rufa Risso, 1826 [Ref. 739], p. 285 (original description). junior primary homonym

Actinia rufa [no author]: Andres, 1883 [Ref. 6170], p. 591. *species delendae*

rufa, *Phellia* Verrill, 1900

Valid names used: ***Telmatactis cricoides* (Duchassaing, 1850); *Telmatactis rufa* (Verrill, 1900); *Telmatactis vernonia* (Duchassaing & Michelotti, 1864)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: Bermuda

***rufa*, *Telmatactis* (Verrill, 1900)**

Synonymy: [*non*] *Paractis clavata* Duchassaing & Michelotti, 1860 [Ref. 323], p. 40 (original description).

=? *Phellia clavata* (Duch. and Mich.): Duerden, 1898 [Ref. 55], p. 459.

Phellia rufa Verrill, 1900 [Ref. 474], p. 557 (original description).

Phellia rufa rufa [no author]: Verrill, 1907 [Ref. 476], p. 255.

Telmatactis rufa (Verrill, 1900): Carlgren, 1949 [Ref. 31], p. 90.

rufostriata, *Actinostola* Pax, 1922

Valid name: ***Hormosoma scotti* Stephenson, 1918**

Described from unspecified number.

Type specimens: MNHN 2375: 2 syntypes, Antarctica, South Shetland Islands, King George's Island (*Pourquoi Pas* sta. XVIII)

rugosa, *Actinauge* Verrill, 1922

Valid names used: ***Actinauge verrillii* McMurrich, 1893; *Hormathia nodosa* (Fabricius, 1780)**

Described from unspecified number *ex* many localities.

Type specimens: CMN CMNI 1900-2901: 2 syntypes, Canada, Hudson Bay (east side), Richmond Gulf; CMN CMNI 1900-2900: 1 syntype, Canada, Hudson Bay (east side), Richmond Gulf; YPM 9690: 1 syntype, Canada, Hudson Bay (east side), Richmond Gulf; 3 syntypes *not found*: Canada, Hudson Bay (east side), Richmond Gulf; syntypes *not found*: North America, Gulf of Maine; syntypes *not found*: Canada, Atlantic Ocean, Bay of Fundy; syntypes *not found*: USA, Georges Bank, U.S. Fish Commission Steamer Bache 1873; syntypes *not found*: USA, Maine, Casco Bay; syntypes *not found*: Canada, Nova Scotia; syntypes *not found*: USA, Massachusetts, Massachusetts Bay; syntypes *not found*: USA, Massachusetts, off Cape Cod

***rugosa*, *Edwardsia* Bourne, 1916**

Described from x1.

Type specimen: holotype *not found*: New Guinea, China Straits, Sariba

Synonymy: *Edwardsia rugosa* Bourne, 1916 [Ref. 24], p. 516–517 (original description). *nomen dubium* according to Williams, 1981 [Ref. 491], 349.

rugosa, *Paractis* Andres, 1881

Valid name: ***Paranthus chromatoderus* (Schmarda, 1852)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: Italy, Naples, near Carminem

rupicola, *Homactis* Verrill, 1869

Type species of *Homactis* by monotypy.

Valid name: ***Stichodactyla tapetum* (Hemprich & Ehrenberg in Ehrenberg, 1834)**

Described from x1.

Type specimen: YPM 6854: holotype, China, Hong Kong

sabelloides, *Bunodes* Andres, 1881

Valid name: ***Aulactinia rubripunctata* (Grube, 1840)**

Described from unspecified number.

Type specimens: syntypes *not found*: Italy, Naples, port

***sabulosa*, *Isophellia* Carlgren, 1900**

Type species of *Isophellia* by original designation.

Described from x1.

Type specimen: ZMH C2621: holotype, East Africa, Tanzania, Zanzibar, Kokotoni, Tumbatu Reef

Synonymy: *Isophellia sabulosa* Carlgren, 1900 [Ref. 195], p. 52–54 [72–74] (original description).

***saginata*, *Actinoscyphia* (Verrill, 1882)**

Synonymy: *Actinernus saginatus* Verrill, 1882 [Ref. 466], p. 225 (original description).

Actinoscyphia saginata Verrill: Stephenson, 1920 [Ref. 449], p. 541.

[*pro parte*] *Actinoscyphia aurelia* Stephenson.: Carlgren, 1928 [Ref. 198], p. 176–177 [54–55].

saginatus, *Actinernus* Verrill, 1882

Type species of *Actinoscyphia* by original designation.

Valid name: ***Actinoscyphia saginata* (Verrill, 1882)**

Described from x1.

Type specimen: USNM 23836: holotype, USA, southern New England (U.S. Fish Commission Steamer *Fish Hawk* 1881 sta. 1029); YPM 9689: x2 wedges of holotype, USA, southern New England (U.S. Fish Commission Steamer *Fish Hawk* 1881 sta. 1029)

sali, *Actinia* Monteiro, Solé-Cava, & Thorpe, 1997

Valid name: ***Actinia atlantica* Schmidt, 1971**

Described from unspecified number.

Type specimens: syntypes stated by Monteiro, Solé-Cava, & Thorpe (1997) to be deposited in BMNH but not there as of June 2009: Atlantic Ocean, Cape Verde Islands [Cape de Verdes], Sal Island

***sanctaecatherinae*, *Paractis* (Lesson, 1830)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: Brazil; syntypes *not found*: Brazil, Sainte-Catherine Island; syntypes *not found*: Brazil, l'ilot d'Anato-Mirim, below Fort Santa-Cruz

Synonymy: *Actinia Sanctae-Catherinae* Lesson, 1830 [Ref. 123], p. 74–75 (original description).

Actinia (*Diplostephanus*) *St. Catharinae* Less.: Brandt, 1835 [Ref. 65], p. 10.

Actinia s. catherinae [no author]: Hertwig, 1882 [Ref. 379], p. 76.

Paractis Sanctae-Catherinae Less.: Andres, 1883 [Ref. 6170], p. 475–476.

Paractis sanctaecatherinae Lesson, 1830: correct orthographic rendering original herein.

***sanctahelenae*, *Amphianthus* Carlgren, 1941**

Described from x1.

Type specimen: UCMNH *no number*: holotype, Atlantic Ocean, Saint Helena, 2 miles S. 49: E off Long Range Point

Synonymy: *Amphianthus sanctae helenae* Carlgren, 1941 [Ref. 299], p. 10–12 (original description).

Amphianthus sanctahelenae Carlgren, 1941: correct orthographic rendering original herein.

***sanctahelenae*, *Anthopleura* Carlgren, 1941**

Described from x1.

Type specimen: UCMNH *no number*: holotype, Atlantic Ocean, Saint Helena

Synonymy: *Anthopleura sanctae helenae* Carlgren, 1941 [Ref. 299], p. 4–5 (original description).

***sanctahelenae*, *Edwardsia* Carlgren, 1941**

Described from x7 *ex* three localities.

Type specimens: UCMNH *no number*: 1 syntype, Atlantic Ocean, Saint Helena, off Sugarloaf; UCMNH *no number*: 4 syntypes, Atlantic Ocean, Saint Helena, False Bay, St. James; 1 syntype *not found*: Atlantic Ocean, Saint Helena, Flagstaff Bay

Synonymy: *Edwardsia sanctae helenae* Carlgren, 1941 [Ref. 299], p. 1–2 (original description).

Edwardsia Sanctae Helenae Carlgren 1941: Carlgren, 1949 [Ref. 31], p. 23.

Edwardsia sanctahelenae Carlgren, 1941: Seshaiya & Cuttress, 1969 [Ref. 518], p. 76.

Edwardsia sanctahelanae [*sic*] Carlgren, 1931: Daly, Perissinotto, Laird, Dyer, & Todaro, 2012 [Ref. 6197], p. 242.

Edwardsia sanctahelenae [*sic*] [no author]: Daly, Perissinotto, Laird, Dyer, & Todaro, 2012 [Ref. 6197], p. 242.

***sanctahelenae*, *Phymactis* (Lesson, 1830)**

Described from unspecified number.

Type specimens: syntypes *not found*: Atlantic Ocean, Saint Helena, Jamestown, entrance

Synonymy: *Actinia Sanctae-Helenae* Lesson, 1830 [Ref. 123], p. 74 (original description).

Actinia (Tristephanus) St. Helenae Less.: Brandt, 1835 [Ref. 65], p. 11.

Phymactis Sanctae-Helenae [no author]: Milne Edwards, 1857 [Ref. 508], p. 275.

Phymactis Sanctae Helenae Less.: Andres, 1883 [Ref. 6170], p. 436–437.

Phymactis sanctahelenae [no author]: Carlgren, 1939 [Ref. 295], p. 795.

Phymactis sanctae helenae (Less.): Carlgren, 1941 [Ref. 299], p. 5–7.

Phymactis sanctahelenae [no author]: Amaral, Hudson, da Silveira, Migotto, Pinto, and Longo, 2002 [Ref. 1855], p. 567.

***sancti matthaei*, *Sagartia* McMurrich, 1893**

Valid name: ***Actinothoe sanmatiensis* (McMurrich, 1893)** rendering of species name for orthography (International Code of Zoological Nomenclature Art. 32.5.2.1 and 32.5.2.3.1)

Described from x3.

Type specimens: USNM 17815: 3 syntype Argentina, La Plata River (U.S. Fish Commission Steamer *Albatross* 1888 sta. 2764)

***sanctithomae*, *Entacmaea* (Pax, 1910) new combination**

Synonymy: *Gyrostoma sancti-thomae* Pax, 1910 [Ref. 587], p. 176, 177–179 (original description).

Gyrostoma Sancti-thomae Pax: Stephenson, 1922 [Ref. 451], p. 268.

=? *Gyrostoma Sancti-thomae* Pax 1910: Carlgren, 1949 [Ref. 31], p. 58.

Entacmaea sanctithomae (Pax, 1910): new combination herein: correct orthographic rendering original herein.

***sanctithomae*, *Gyrostoma* Pax, 1910**

Valid name: ***Entacmaea sanctithomae* (Pax, 1910) new combination**

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, Virgin Islands, St. Thomas, Sound

***sanguinea*, *Capnea* Forbes, 1841**

Type species of *Capnea* by monotypy.

Described from x1.

Type specimen: holotype *not found*: UK, Irish Sea, 1 mile east of Isle of Man

Synonymy: *Capnea sanguinea* Forbes, 1841 [Ref. 85], p. 82–83 (original description).

Corynactis heterocera Thompson, 1853 [Ref. 251], p. 107–108 (original description).
Aureliania heterocera [no author]: Gosse, 1860 [Ref. 356], p. 285–287.
Aureliania augusta Gosse, 1860 [Ref. 356], p. 283–284 (original description).
Aureliania regalis Andres, 1883 [Ref. 6170], p. 496–497 (original description).
Aureliana [sic] *augusta* Gosse: Graefe, 1884 [Ref. 1356], p. 339.
Aureliana [sic] *heterocera* W. Thompson: Pennington, 1885 [Ref. 422], p. 181–182.
Aureliana [sic] *angusta* [no author]: Faurot, 1895 [Ref. 76], p. 56.

***sanguineopunctata*, *Actinia* Templeton, 1841**

Described from unspecified number >1.

Type specimens: numerous syntypes *not found*: Indian Ocean, Mauritius [Ile de France]

Synonymy: *Actinia sanguineo-punctata* Templeton, 1839 [Ref. 1841], p. 25 (original description).

Actinia sanguineopunctata Templeton, 1839: correct orthographic rendering original herein.

***sanmatiensis*, *Actinothoe* (McMurrich, 1893)**

Synonymy: *Sagartia Sancti Matthæi* McMurrich, 1893 [Ref. 386], p. 179–180, 206 (original description).

Sagartia Sancti Matthæi Mc Murrich: Carlgren, 1896 [Ref. 735], p. 175.

Actinothoë Sancti Matthæi (Mc Murrich 1893): Carlgren, 1949 [Ref. 31], p. 103.

Actinothoe sanmatiensis (McMurrich, 1893): correct spelling original herein.

***sansibarensis*, *Alicia* Carlgren, 1900**

Described from x3 *ex* one locality.

Type specimens: NRS 1169: 1/4 syntype, East Africa, Tanzania, Zanzibar, Tumbatu; ZMH C2592: 1 syntype, East Africa, Tanzania, Zanzibar, Tumbatu; ZMH C2597: 1 syntype, East Africa, Tanzania, Zanzibar, Tumbatu

Synonymy: *Alicia sansibarensis* Carlgren, 1900 [Ref. 195], p. 28–30 [48–50] (original description).

***sansibaricus*, *Phymanthus* Carlgren, 1900**

Described from x4.

Type specimens: NRS 80: 1 syntype, East Africa, Tanzania, Zanzibar, Baui [Bawi] [Bawe] Island; MZL *no number*: 2 microscope slides of syntype, East Africa, Tanzania, Zanzibar, Baui [Bawi] [Bawe] Island; ZMH C2620: 1 syntype, East Africa, Tanzania, Zanzibar, Baui [Bawi] [Bawe] Island; ZMH C2627: 1 syntype, East Africa, Tanzania, Zanzibar, Baui [Bawi] [Bawe] Island; ZMH C2611: 1 syntype, East Africa, Tanzania, Zanzibar, Tumbatu

Synonymy: *Phymanthus sansibaricus* Carlgren, 1900 [Ref. 195], p. 67–68 [87–88] (original description).

***sanzoi*, *Haddonactis* (Calabresi, 1926) new combination**

Synonymy: *Paraphellia Sanzoi* Calabresi, 1926 [Ref. 643], p. 146–149 (original description).

Paraphellia sanzoi Calabresi [sic] 1926: Parulekar, 1990 [Ref. 6159], p. 219, 220, 223, 227.

Paraphellia sanzo [sic] Calabresi, 1926: Poggesi & Sforzi, 2001 [Ref. 6045], p. 231.

Haddonactis sanzoi (Calabresi, 1926): new combination herein.

sanzoi, *Paraphellia* Calabresi, 1926

Valid name: ***Haddonactis sanzoi* (Calabresi, 1926) new combination**

Described from x1.

Type specimen: LS 828: Egypt, Port Said (sta. 4) not holotype as labeled: cannot be because uncut but sections in description

Comment: Chintiroglou *et al.* (1977, p. 66) [Ref. 603] stated this is a *nomen dubium* because the name does “not fulfill criteria for validity (ICZN),” but the International Code of Zoological Nomenclature has no criteria for validity.

***sargassensis*, *Anemonia* Hargitt, 1908**

Described from unspecified number.

Type specimens: syntypes *not found*: USA, Massachusetts, Vineyard Sound

Synonymy: *Anemonia sargassensis* Hargitt, 1908 [Ref. 533], p. 117–118 (original description).

Anemonia antillensis Pax, 1924 [Ref. 416], p. 94, 99–100, 119 (original description).
Anemonia sargassiensis Hargitt, 1908: Carlgren, 1949 [Ref. 31], p. 50.

sarsii, *Edwardsia* Dueben & Koren, 1847

Valid names used: ***Edwardsiella carnea* (Gosse, 1856); *Paraedwardsia sarsii* (Dueben & Koren, 1847)**

Described from unspecified number.

Type specimens: syntypes *not found*: Norway, Bergen; syntypes *not found*: western Norway.

***sarsii*, *Paraedwardsia* (Dueben & Koren, 1847)**

Synonymy: =? *Lecythia brevicornis* Sars, 1829 [Ref. 1271], p. 27–28 (original description).

Edwardsia Sarsii Dueben & Koren, 1847 [Ref. 717], p. 267 (original description).

Edwardsiella Sarsii Sars: Andres, 1883 [Ref. 6170], p. 309–310.

Edwardsia carnea [no author]: Appellöf, 1891 [Ref. 1324], p. 4.

Milne-Edwardsia carnea Gosse: Grieg, 1913 [Ref. 771], p. 9, 143.

Paraedwardsia sarsii (Düb. & Koren) Carlgren.: Carlgren, 1921 [Ref. 196], p. 71–75.

***sarsii*, *Parasicyonis* Carlgren, 1921**

Type species of *Parasicyonis* by original designation.

Described *ex* seven localities, 5 with x1 each, 2 with x2.

Type specimens: EUU 195: 1 syntype, Faroe [Færøe, Faeroe] Islands, 15 miles E of northernmost islands (Michael Sars Expedition 1900?); NRS 5268: 1 syntype, 62°18'N, 4°14'E (Michael Sars Expedition 1902 sta. 60); NVT 40978: 1 syntype, Norway, just outside Trondheimfjord [Trondheimsfjord] [Drontheimsfjord] [Drontheim Fjord], Garten; UCMNH *no number*: 1 syntype, North Atlantic Ocean, south of Iceland (Thor Expedition 1903 sta. 171); UCMNH *no number*: 1 syntype, North Atlantic Ocean (Michael Sars Expedition 1902 sta. 101); 1 syntype *not found*: Norway, Finnmark [Finnmark] (Andenes); 2 syntypes *not found*: Norway, Trondheimfjord [Trondheimsfjord] [Drontheimsfjord] [Drontheim Fjord], Tautra (Gunnerus Expedition 1921); 2 syntypes *not found*: Norway, Trondheimfjord [Trondheimsfjord] [Drontheimsfjord] [Drontheim Fjord] (Rödberg)

Synonymy: *Parasicyonis sarsii* Carlgren, 1921 [Ref. 196], p. 208–210 (original description).

saxicola, *Aiptasia* Andres, 1881

Valid name: ***Aiptasia diaphana* (Rapp, 1829)**

Described from unspecified number.

Type specimens: syntypes *not found*: Italy, Naples, Gaiolae

***saxicola*, *Charisea* Torrey, 1902**

Type species of *Charisea* by monotypy.

Described from unspecified number >1.

Type specimens: syntypes *not found*: USA, Alaska, Sitka [Sitcha Island]

Synonymy: *Charisea saxicola* Torrey, 1902 [Ref. 253], p. 388–390 (original description).

Condylanthus saxicola Torrey: Stephenson, 1922 [Ref. 451], p. 262.

***scabra*, *Edwardsia* Marion, 1882**

Described from unspecified number.

Type specimens: syntypes *not found*: Atlantic Ocean, Bay of Biscay [Gulf of Gascogne, Golfe de Gascogne]

Synonymy: *Edwardsia scabra* Marion, 1882 [Ref. 640], p. 458–459 (original description). *nomen dubium* according to Williams, 1981 [Ref. 491], p. 349.

***scamiti*, *Scolanthus* Daly & Ljubenkov, 2008**

Described from holotype, >8 paratypes.

Type specimens: CAS 175229: holotype, USA, California, San Diego (Bight 03 sta. 4276); CAS 175230: 4 paratypes, USA, California, San Diego (Bight 03 sta. 4276); CAS 175231: 4 paratypes, USA, California, San Diego; CAS 175232: 1 paratype, USA, California, San Diego South Bay

Synonymy: *Scolanthus scamiti* Daly & Ljubenkova, 2008 [Ref. 5980], p. 1, 3, 6, 17, 19, 20, 22–24 (original description).

schaudinnii, *Acthelmis* Carlgren, 1921

Valid name: ***Haliactis arctica* Carlgren, 1921**

Described *ex* two stations.

Type specimens: 4 syntypes *not found*: Russia, Novaya Zemlya, Besimennaja Bay (Nordenskiöld Expedition 1875); 1
syntype *not found*: Svalbard, Spitsbergen, East Spitsbergen, Great Fiord, Cape Blanck
(Römer and Schaudinn 1898)

***schilleriana*, *Diadumene* (Stoliczka, 1869)**

Synonymy: *Sagartia Schilleriana* Stoliczka, 1869 [Ref. 241], p. 32–54 (original description).

Sagartia schilleriana [no author]: Hertwig, 1882 [Ref. 380], p. 71.

Metridium schillerianum Stoliczka: Annandale, 1907 [Ref. 5], p. 47–74.

Diadumene schilleriana Stolicka: Pax, 1936 [Ref. 6190], p. 104, 105.

Diadumene schillerianum [*sic*] (Stoliczka): Panikkar, 1937 [Ref. 179], p. 396.

schilleriana, *Sagartia* Stoliczka, 1869

Type species of ***Diadumene*** by monotypy.

Valid name: ***Diadumene schilleriana* (Stoliczka, 1869)**

Described from unspecified number.

Type specimens: syntypes *not found*: India, Bengal, Gangetic delta, Port Canning

schillerianum exul, *Metridium* Annandale, 1907

Type species of ***Pelocoetes*** by monotypy.

Valid names used: ***Pelocoetes exul* (Annandale, 1907); *Phytocoetes gangeticus* Annandale, 1915**

Described from unspecified number >1.

Type specimens: BMNH 1907.7.23.2-4: 2 syntypes, India, Bengal, Gangetic delta, Port Canning

schmidti, *Actinia* Monteiro, Solé-Cava, & Thorpe, 1997

Valid name: ***Actinia mediterranea* Schmidt, 1971**

Described from unspecified number.

Type specimens: syntypes stated by Monteiro, Solé-Cava, & Thorpe (1997) to be deposited in BMNH not there as of
June 2009: France, Mediterranean Sea, Bay of Marseilles

***scotiae*, *Antipodactis* Rodríguez, López-González, & Daly, 2009**

Type species of ***Antipodactis*** by original designation.

Described from holotype, x7 paratypes.

Type specimens: ZMH C11718: holotype, South Atlantic Ocean, Scotia Sea, off the South Shetland Islands (*Polarstern*
ANT XIX/3 sta. 61/114-10); AMNH *no number*: 3 paratypes, South Atlantic Ocean, Scotia
Sea, off the South Shetland Islands (*Polarstern* ANT XIX/3 sta. 61/114-10); ZMH C11719: 4
paratypes, South Atlantic Ocean, Scotia Sea, off the South Shetland Islands (*Polarstern* ANT
XIX/3 sta. 61/114-10)

Synonymy: *Antipodactis scotiae* Rodríguez, López-González, & Daly, 2009 [Ref. 6023], p. 703, 704, 706–707, 709, 710
(original description).

scoticus, *Ilyanthos* Forbes, 1840

Valid name: ***Ilyanthus scoticus* Forbes, 1840**

Type species of ***Ilyanthus*** (originally spelled *Ilyanthos*) by monotypy.

Described from x1.

Type specimens: holotype *not found*: UK, Scotland, west coast, Loch Ryan

***scoticus*, *Ilyanthus* Forbes, 1840**

Also in synonymy my of ***Mesacmaea mitchellii* (Gosse, 1853)**

Synonymy: *Iluanthos Scoticus* Forbes, 1840 [Ref. 84], p. 184 (original description). Stephenson (1935, p. 390, 391) [Ref. 505] considered of uncertain status

Iluanthos scoticus E. Forbes: Johnston, 1847 [Ref. 694], p. 243–244.

Ilyanthus scoticus [no author]: Haime, 1854 [Ref. 916], p. 387–388.

Ilyanthus Scoticus (Forbes): Gosse, 1858 [Ref. 96], p. 417–418.

***scotti*, *Hormosoma* Stephenson, 1918**

Type species of *Hormosoma* by original designation.

Described from x3.

Type specimens: BMNH 1918.5.12.12-13: 2 syntypes, Antarctica, entrance to McMurdo Sound (*Terra Nova* Expedition 1910 sta. 338)

Synonymy: *Paractis papaver* [no author]: Clubb, 1908 [Ref. 35], p. 3–4.

Hormosoma scotti Stephenson, 1918 [Ref. 448], p. 29–33 (original description).

Hormathia scotti Stephenson, 1918: Stephenson, 1920 [Ref. 449], p. 554.

Hormosoma violaceum Pax, 1922 [Ref. 413], p. 83–84 (original description).

Actinostola rufostriata Pax, 1922 [Ref. 413], p. 86–87 (original description).

selaginella, *Cymbactis* Stephenson, 1918

Valid name: ***Stomphia selaginella* (Stephenson, 1918)**

Described from x7 *ex* three localities.

Type specimens: BMNH 1918.5.12.15: 1 syntype, Antarctica, Ross Sea (*Terra Nova* Expedition 1910 sta. 294); BMNH 1918.5.12.16: 1 syntype, Antarctica, entrance to McMurdo Sound (*Terra Nova* Expedition 1910 sta. 338); BMNH 1918.5.12.31-33: 3 syntypes, Antarctica, Ross Sea (*Terra Nova* Expedition 1910 sta. 294); syntypes *not found*: Antarctica, entrance to McMurdo Sound (*Terra Nova* Expedition 1910 sta. 339)

***selaginella*, *Stomphia* (Stephenson, 1918)**

Synonymy: *Cymbactis selaginella* Stephenson, 1918 [Ref. 448], p. 36–40 (original description).

Stomphia selaginella Stephenson, 1918: Stephenson, 1920 [Ref. 449], p. 559.

Cymbactis frigida Pax, 1922 [Ref. 413], p. 81–82 (original description).

***selkirkii*, *Entacmaea* (McMurrich, 1904) new combination**

Synonymy: *Gyrostoma selkirkii* McMurrich, 1904 [Ref. 391], p. 227–229 (original description).

Gyrostoma selkirkei [*sic*] Mc Murrich 1904: Carlgren, 1949 [Ref. 31], p. 59.

Entacmaea selkirkii (McMurrich, 1904): new combination herein.

selkirkii, *Gyrostoma* McMurrich, 1904

Valid name: ***Entacmaea selkirkii* (McMurrich, 1904) new combination**

Described from x11: x4 listed as “No. 91a”, x6 as “No. 309”, x1 as “No. 257”.

Type specimens: MNB 4223: 7 syntypes, Pacific Ocean, Juan Fernández Island (Plate Expedition)

***semoni*, *Phyllodiscus* Kwietniewski, 1897**

Type species of *Phyllodiscus* by monotypy.

Described from unspecified number (inferred x1).

Type specimen: PMJ 707: holotype, Indonesia, Moluccas Islands, Ambon [Amboina]; NRS 4080: pieces of holotype, Indonesia, Moluccas Islands, Ambon [Amboina]; NRS 4081: pieces of holotype Indonesia, Moluccas Islands, Ambon [Amboina]

Synonymy: *Phyllodiscus Semoni* Kwietniewski, 1897 [Ref. 400], p. 11–17 (original description).

Phyllodiscus semoni [no author]: Kwietniewski, 1898 [Ref. 125], p. 387, 407–410.

Phyllodiscus [*sic*] *semoni* [no author]: Uechi, Toma, Arakawa, & Sato, 2005 [Ref. 5076], p. 761.

***senckenbergianus*, *Thalassianthus* Kwietniewski, 1896**

Described from x25.

Type specimens: MNB 3581: 5 syntypes, Indonesia, Moluccas, Ternate Island; NRS 4862: 1 syntype, Indonesia, Moluccas, Ternate Island; PMJ 64: 4 syntypes, Indonesia, Moluccas, Ternate Island; SMF 102: 11 syntypes, Indonesia, Moluccas, Ternate Island

Synonymy: *Thalassianthus senckenbergianus* Kwietniewski, 1896 [Ref. 397], p. 390–391 (original description).

senile, *Metridium* (Linnaeus, 1761)

Synonymy: *Priapus senilis* Linnaeus, 1761 [Ref. 129], p. 510 (original description).

Actinia senilis [no author]: Linnaeus, 1767 [Ref. 130], p. 1088.

=? *Actinia Judaica* [no author]: Linnaeus, 1767 [Ref. 130], p. 1088.

Actinia dianthus Ellis, 1767 [Ref. 767], p. 436 (original description).

Actinia plumosa [no author]: Müller, 1776 [Ref. 167], p. 230.

Actinia rufa Müller, 1776 [Ref. 167], p. 231 (original description). senior homonym

Actinia candida Müller, 1776 [Ref. 167], p. 231 (original description).

Actinia pentapetala [no author]: Pennant, 1777 [Ref. 637], p. 42 [50].

Actinia Dianthus Ellis: Ellis & Solander, 1786 [Ref. 71], p. 7.

Actinia varians Müller, 1806 [Ref. 590], p. 9–10 (original description).

Actinia marginata Le Sueur, 1817 [Ref. 128], p. 172 (original description).

Actinia (Diplostephanus) candida Müll.: Brandt, 1835 [Ref. 65], p. 11.

[non] *Actinia rufa* Risso, 1826 [Ref. 739], p. 285 (original description). junior primary homonym

Metridium plumosa [no author]: de Blainville, 1830 [Ref. 94], p. 287–288.

Actinoloba dianthus [no author]: de Blainville, 1830 [Ref. 94], p. 288.

[non] *Actinia pellucida* Hollard, 1848 [Ref. 1416], p. 6, 25 (original description). senior homonym

Actinea [sic] dianthus Ellis: Cocks, 1850 [Ref. 6093], p. 94.

Anthea plumosa [no author]: Cocks, 1851 [Ref. 36], p. 11.

Actinia pallida Holdsworth, 1855 [Ref. 116], p. 235–236 (original description).

Actinia marginata ambrea [no author]: Leidy, 1855 [Ref. 615], p. 140.

Actinia marginata salmonea [no author]: Leidy, 1855 [Ref. 615], p. 141.

Sagartia Dianthus [no author]: Gosse, 1855 [Ref. 95], p. 274–275.

Metridium marginatum [no author]: Milne Edwards, 1857 [Ref. 508], p. 254.

Metridium dianthus [no author]: Milne Edwards, 1857 [Ref. 508], p. 253.

Sagartia pallida (Holdsworth): Gosse, 1858 [Ref. 96], p. 415.

Sagartia pellucida (Alder): Gosse, 1858 [Ref. 96], p. 415.

Actinia pellucida Alder, 1858 [Ref. 1457], p. 133–134 (original description). junior primary homonym

Actinia Marginata [no author]: Dawson, 1858 [Ref. 617], p. 405.

Thoe (Sagartia) pura (Alder.): Wright, 1859 [Ref. 949], p. 182–183 (original description as *nomen novum*).

Sagartia pura Gosse, 1860 [Ref. 356], p. 82–83.

Metridium fimbriatum Verrill, 1865 [Ref. 457], p. 150 (original description).

Actinoloba marginata Les.: Andres, 1883 [Ref. 6170], p. 347–348.

Metridium dianthus sindonea Gosse: Dixon & Dixon, 1891 [Ref. 47], p. 19.

Sagartia pallida rufa (Holdsworth): Walton, 1908 [Ref. 265], p. 222–223.

Metridium senile (Linn.): McMurrich, 1911 [Ref. 394], p. 60–65.

Actinothoe pallida Holdsworth: Nafilyan, 1912 [Ref. 171], p. 26–28.

Metridium senilis [no author]: McMurrich, 1921 [Ref. 396], p. 729–730.

Metridium pallidum (Holdsworth, 1855): Stephenson, 1925 [Ref. 445], p. 894–897.

Metridium senile fimbriatum (Verrill): Carlgren, 1936 [Ref. 289], p. 23.

Metridium senile dianthus (Ellis): Dons, 1945 [Ref. 5191], p. 19.

Metridium senile senile (Linnaeus): Hand, 1956 [Ref. 372], p. 203.

Metridium sensile fimbriatum Verrill, 1865: Pei, 1998 [Ref. 765], p. 116, 124.

senilis, Priapus Linnaeus, 1761

"[S]enior subjective synonym" of *Actinia dianthus*, the type species of *Metridium*, according to Opinion 1269 of the International Commission on Zoological Nomenclature (Bulletin of Zoological Nomenclature 41[1]:19–21: March 1984). Carlgren (1949) listed type species as *Actinia senile* [sic] Linnaeus [sic], 1767.

Valid names used: *Metridium dianthus* (Ellis, 1767); *Metridium senile* (Linnaeus, 1761)

Described from unspecified number.

Type specimens: syntypes *not found*: Baltic Sea [*Ostreis* Oceani]

septentrionalis, *Halcampa* Pax, 1912

Valid names used: *Halcampoides abyssorum* Danielssen, 1890; *Halcampoides purpureus* (Studer, 1879)

Described from unspecified number.

Type specimens: none cited

Comment: For boreal and Arctic specimens “Murray (1881)” (actually Murray & Tizard, 1882) and Appellöf (1896) identified as *Halcampa clavus*. Because Pax was naming only those specimens, not the entire species, not a *nomen novum* (Pax termed it “un nouveau nom”) in sense of the International Code of Zoological Nomenclature.

sertum, *Sarcophinanthus* Lesson, 1830

Type species of *Sarcophinanthus* by subsequent designation (in this work).

Described from unspecified number (inferred x1).

Type specimen: holotype *not found*: Papua New Guinea, New Ireland, Port Praslin [Lassim Bay]

Synonymy: *Sarcophinanthus sertum* Lesson, 1830 [Ref. 123], p. 68–70 (original description).

Sarcophinanthus sertum Lesson: Milne Edwards, 1857 [Ref. 508], p. 297.

Sarcophinanthus sertus Less.: Andres, 1883 [Ref. 6170], p. 519.

sesere, *Actinioides* Haddon & Shackleton, 1893

Valid name: *Gyractis sesere* (Haddon & Shackleton, 1893)

Described from unspecified number >1.

Type specimens: MZC I.33450: 20 syntypes, Australia, Queensland, Torres Strait, Mabuiag

sesere, *Gyractis* (Haddon & Shackleton, 1893)

Synonymy: *Actinioides Sesere* Haddon & Shackleton, 1893 [Ref. 364], p. 117, 126–127 (original description).

Gyractis excavata Boveri, 1893 [Ref. 26], p. 250–251 (original description).

Gyractis pallida Boveri, 1893 [Ref. 26], p. 251–252 (original description).

Actinoides [sic] Sesere Haddon and Shackleton: Carlgren, 1896 [Ref. 735], p. 174.

Actinioides sesere Haddon et Shackleton: Kwietniewski, 1898 [Ref. 125], p. 389.

Actinoides [sic] sultana Carlgren, 1900 [Ref. 195], p. 43–44 [63–64] (original description)

Actinioides sultana Carlgr.: Pax, 1907 [Ref. 402], p. 77.

Actinioides rapamuiensis Carlgren, 1922 [Ref. 206], p. 151–153 (original description).

Actinogeton Sesere (Haddon and Shackleton 1893): Carlgren, 1949 [Ref. 31], p. 62.

[*non*] *Anthopleura pallida* Duchassaing and Michelotti 1864: Carlgren, 1949 [Ref. 31], p. 53. senior homonym

Anthopleura excavata (Boveri 1893): Carlgren, 1949 [Ref. 31], p. 53.

Anthopleura pallida (Boveri 1893): Carlgren, 1949 [Ref. 31], p. 53. junior secondary homonym

Actinogeton rapamuiensis (Carlgren 1920): Carlgren, 1949 [Ref. 31], p. 62.

Actinogeton sultana (Carlgren 1900): Carlgren, 1949 [Ref. 31], p. 62.

Actinogeton sesere Haddon & Shackleton, 1893: Dunn, 1974 [Ref. 327], p. 181–188.

Actinogeton [sic] sultana Carlgren 1900: Parulekar, 1990 [Ref. 6159], p. 220, 223, 226.

Gyractis sesere (Haddon & Shackleton, 1893): Fautin, 2005 [Ref. 4883], p. 379, 380, 389.

sheikoi, *Neohalcampa* Sanamyan, 2001

Type species of *Neohalcampa* by original designation.

Described from holotype, x5 paratypes.

Type specimens: KIEE 1/171: holotype, Russia, Kamchatka, Karaginskiy Bay; KIEE 2/172: 4 paratypes, Russia, Kamchatka, Karaginskiy Bay; KIEE 3/173: 1 paratype, Russia, Kamchatka, Avacha [Awatcha] Bay

Synonymy: *Neohalcampa sheikoi* Sanamyan, 2001 [Ref. 1323], p. 1–5 (original description).

***siberutiensis*, *Phelliactis* Carlgren, 1928**

Described from x1.

Type specimen: MNB 7200: holotype, 0°39.2'S, 98°52.3'E (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 191)

Synonymy: *Phelliactis siberutiensis* Carlgren, 1928 [Ref. 198], p. 213–215 [91–93] (original description).

sibirica, *Actinostola* Carlgren, 1901

Valid names used: *Actinostola callosa* (Verrill, 1882); *Glandulactis spetsbergensis* (Carlgren, 1893)

Described from unspecified locality and number >1.

Type specimens: syntypes *not found*.

***similis*, *Anthothoe* (Haddon & Duerden, 1896)**

Synonymy: *Mitactis similis* Haddon & Duerden, 1896 [Ref. 368], p. 140, 161, 163–164 (original description).

Anthothoë similis (Haddon and Duerden 1896): Carlgren, 1949 [Ref. 31], p. 103.

***similis*, *Cribrinopsis* Carlgren, 1921**

Type species of *Cribrinopsis* by monotypy.

Described from >50 *ex* more than 25 localities.

Type specimens: MNB 7320: 1 syntype, Svalbard, Spitsbergen, East Spitsbergen, Ryk-Yse Island (Römer and Schaudinn sta. 49); MNB 7227: 5 syntypes, Svalbard, Spitsbergen, East Spitsbergen, Bismarck Strait (Römer and Schaudinn 1898 sta. 45); NRS 5650: 2 syntypes, Greenland, West Greenland, Fiskenæs; NRS 5584: 1 syntype, Russia, Murman Coast, Kola peninsula, Kolafiord, The Russian Biological Station Derjugin (Sandeberg Expedition 1877); NRS 5648: 1 syntype, Greenland, West Greenland, Sukkertoppen; NRS 5642: 3 syntypes, Greenland, West Greenland, Clauhavh; NRS 5645: 1 syntype, Greenland, West Greenland, Godhavn; NRS 5651: 1 syntype, Greenland, West Greenland, Ritenbenk; NRS 5649: 1 syntype, Russia, Orafjord; NRS 5646: 2 syntypes, Svalbard, West Spitsbergen, Bell Sound [Belsund] (Swedish Spitzbergen Expedition); NRS 5652: 1 syntype, Svalbard, Spitsbergen, Behring Island (*Vega* Expedition); NRS 5641: 1 syntype, Svalbard, Spitsbergen, Treurenberg Bay; NRS 5681: 1 syntype, Svalbard, Spitsbergen, East Spitsbergen, Wolter Thymen Strait (Römer and Schaudinn sta. 47); NRS 5647: 1? syntype, Greenland, Behring Island (*Vega* Expedition 1879); NRS 5644: 1 syntype, Greenland, West Greenland, Christianshaab; NRS 5640: 1 syntype, Svalbard, East Spitsbergen, Foster Island (Swedish Spitzbergen Expedition); NRS 5643: 2 syntypes, Svalbard, West Spitsbergen, Bell Sound, Duyn Point; UCMNH *no number*: 1 syntype, Greenland, West Greenland (*Tjalfe* Expedition 1908 sta. 155); UCMNH *no number*: 1½ syntypes, Greenland, West Greenland, Bredefiord; UCMNH *no number*: 1 syntype, Greenland, West Greenland, Ikertokfjord; UCMNH *no number*: 1 syntype, Greenland, West Greenland, Ikamiut; UCMNH *no number*: 1 syntype, Greenland, West Greenland, Nordre Stromfiord (Nordmann sta. 3B); UCMNH *no number*: 1 syntype, Greenland, West Greenland, Sukkertoppen; UCMNH *no number*: 5 syntypes, Greenland; UCMNH *no number*: 1 syntype, Greenland, West Greenland, Store Hellefiskebanke; UCMNH *no number*: 5 syntypes, Canada, Newfoundland; UCMNH *no number*: 1 syntype, Greenland; UCMNH *no number*: 1 syntype, Greenland, West Greenland, Egedesminde; syntypes *not found*: North Atlantic Ocean (Michael Sars Expedition 1902 sta. 67); syntypes *not found*: North Atlantic Ocean (Michael Sars Expedition 1902 sta. 91); syntypes *not found*: Faroe [Færøe, Faeroe] Islands; syntypes *not found*: Svalbard, East Spitsbergen, Ryk-ys islands; syntypes *not found*: Russia, Murman Coast; syntypes *not found*: Svalbard, East Spitzbergen, Wolter Thymen Strait; syntypes *not found*: Svalbard, East Spitsbergen, Bismarck Strait; syntypes *not found*: Russia, Murman Coast, Kola peninsula, Kolafiord [Kolafjord] [Kol'skiy Zaliv]; syntypes *not found*: Svalbard, East Spitsbergen, King Charles Land between Jena and Abel islands; syntypes *not found*: Norway, Finnmark [Finnmark]; syntypes *not found*: Korea, Korea [Corea] Strait

Synonymy: *Actinia (Rhodactinia) Dævisii* [no author]: Agassiz, 1847 [Ref. 1571], p. 395.

Rhodactinia crassicornis (O. F. Müller): Carlgren, 1902 [Ref. 154], p. 40–42.

Actinostola abyssorum Carlgr.: Pax, 1915 [Ref. 748], p. 168 [172–173].
Cribrinopsis similis Carlgren, 1921 [Ref. 196], p. 156–160 (original description).

similis, *Mitactis* Haddon & Duerden, 1896

Valid name: ***Anthothoe similis* (Haddon & Duerden, 1896)**

Described from unspecified number.

Type specimens: MZL *no number*: 5 microscope slides inferred to be of syntype(s), Australia, Victoria, Port Philip [*sic*]

***simplex*, *Actinia* Ehrenberg, 1834**

Described from unspecified number.

Type specimens: MNB 142: 1 syntype, Norway, port of Oslo

Synonymy: *Actinia simplex* Ehrenberg, 1834 [Ref. 58], p. 258 (original description).

Actinia (*Monostephanus*) *simplex* Ehrenb.: Brandt, 1835 [Ref. 65], p. 10.

Actinia simplex [no author]: Andres, 1883 [Ref. 6170], p. 593. *species delendae*

simplex, *Phellia* Verrill, 1901

Valid name: ***Telmatactis solidago* (Duchassaing & Michelotti, 1864)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: Bermuda, Long Bird Island (Yale Expedition of 1901); syntypes *not found*:
Bermuda, Castle Harbor, Waterloo (Yale Expedition of 1901)

simplex, *Phymanthus* Haddon & Shackleton, 1893

Type species of *Ixalactis* by monotypy.

Valid name: ***Heteractis aurora* (Quoy & Gaimard, 1833)**

Described from unspecified number.

Type specimens: MZC *no number*: 3 syntypes, Australia, Queensland, Torres Strait, Murray Islands, Mer [Maer] Island;
MZL *no number*: 1 microscope slide of syntype, Australia, Queensland, Torres Strait, Murray
Islands, Mer [Maer] Island

***simplex*, *Protanthea* Carlgren, 1891**

Type species of *Protanthea* by monotypy.

Described from unspecified number.

Type specimens: MNB 4619: 2 syntypes, Sweden, Kattegat, Bohuslän, Gullmarfjord [Gulmarfjord]; NRS 5683: 20?
syntypes, Sweden, Kattegat, Bohuslän, Gullmarfjord [Gulmarfjord]

Synonymy: *Protanthea simplex* Carlgren, 1891 [Ref. 147], p. 81–89 (original description).

***simplex*, *Thelectis* Klunzinger, 1877**

Type species of *Thelectis* by monotypy.

Described from unspecified number.

Type specimens: syntypes *not found*: Red Sea [Mer Rouge]

Synonymy: *Thelectis simplex* Klunzinger, 1877 [Ref. 121], p. 79 (original description).

sinensis, *Actinia* Andres, 1883 [Ref. 1607], p. 600

Valid name: ***Stichodactyla gigantea* (Forsskål, 1775)**

Described from unspecified number.

Type specimens: syntypes *not found*: China Sea, Fiery Cross Reef [in Spratley Islands, reef also known as Yongshu and
Kagitingan]

Comment: Synonymy with *Stichodactyla gigantea* first published here.

***sinensis*, *Aulactinia* Li & Liu, 2012**

Described from holotype, unspecified number of paratypes (inferred x3).

Type specimens: IOC MBM184210: holotype, China, Yellow Sea, Jiaozhou Bay, Cangkou; IOC MBM119977:
paratypes (x1?), China, Yellow Sea, Jiaozhou Bay, Cangkou; IOC MBM119978: paratypes

(x1?) China, Yellow Sea, Jiaozhou Bay, Cangkou; IOC MBM119976: paratypes (x1?) China, Yellow Sea, Jiaozhou Bay, Cangkou

Synonymy: *Aulactinia sinensis* Li & Liu, 2012 [Ref. 6214], p. 62–67 (original description).

***sinensis, Calliactis* (Verrill, 1869)**

Synonymy: *Cereus Sinensis* Verrill, 1869 [Ref. 461] (1870), p. 54 [20] (original description).

Calliactis sinensis Verrill: Verrill, 1928 [Ref. 263], p. 21.

Cereus sinensis Verrill: Pei, 1998 [Ref. 765], p. 169–170, 230.

sinensis, Cereus Verrill, 1869

Valid name: ***Calliactis sinensis* (Verrill, 1869)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: China, near Hong Kong

***sinensis, Metridium* Pei, 1998**

Described from holotype, many paratypes.

Type specimens: IOC V1701-(1): holotype, China, Yellow Sea [Huanghai]; IOC V1701-(2): 2 paratypes, China, Yellow Sea [Huanghai]; IOC Y370B-5: 12 paratypes, China, Yellow Sea [Huanghai]; IOC Y370B-6: 10 paratypes, China, Yellow Sea [Huanghai]; IOC H0016-10: 41 paratypes, China, Yellow Sea [Huanghai]

Synonymy: *Metridium sinensis* Pei, 1998 [Ref. 765], p. 129–135, 233 (original description).

***sinensis, Paracondylactis* Carlgren, 1934**

Described from x4 *ex* three localities.

Type specimens: EUU 319: 1 syntype, China, Tschou-schau Islands; NRS 4005: 1 syntype, China, Jangtszekiang [Yangtsze-kiang: Yang-tu-kiang], Swatau; NRS 4006: 1 syntype, China, Jangtsze-kiang [Yangtsze-kiang: Yang-tu-kiang]; 1 syntype *not found*: China, Jangtsze-kiang [Yangtsze-kiang: Yang-tu-kiang]

Synonymy: *Gyrostoma* sp.: Menon, 1927 [Ref. 160], p. 36–37.

Paracondylactis sinensis Carlgren, 1934 [Ref. 292], p. 26–28 (original description).

Paracondylactis dawydoffi Carlgren, 1943 [Ref. 305], p. 27–28 (original description).

Paracondylactis dawydoffi [*sic*] Carlgren 1943: Carlgren, 1949 [Ref. 31], p. 55.

Paracondylactis indicus Parulekar, 1966 [Ref. 6162], p. 38, 40. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 13.1.1.

Paracondylactis indicus Dave *in* Parulekar, 1968 [Ref. 184], p. 143, 145 (original description).

Paracondylactis sp.: Misra, 1975 [Ref. 6163], p. 46.

Paracondylactis [*sic*] *indicus* Dave: Haque, 1977 [Ref. 3434], p. 36, 39.

Paracondylactis sagarensis Bhattacharya 1979: Parulekar, 1990 [Ref. 6159], p. 219, 221, 223, 226. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 13.1.1.

***singaporensis, Neocondylactis* England, 1987**

Type species of *Neocondylactis* by original designation.

Described from x16.

Type specimens: BMNH 1983.11.18.1: holotype, Singapore, Punggol [Pungol] Point; BMNH 1983.11.18.2-6: 5 paratypes, Singapore, Pasir Ris; BMNH 1983.11.18.7-15: 10 paratypes, Singapore, Punggol [Pungol] Point; BMNH 1983.11.18.16-19: 5 paratypes, Singapore, Punggol [Pungol] Point

Synonymy: =? *Condylactis hertwigi* Wassilieff: Carlgren, 1934 [Ref. 292], p. 23–26.

Neocondylactis singaporensis England, 1987 [Ref. 63], p. 206, 207, 265–268 (original description).

***sinica, Paracalliactis* Pei, 1982**

Described from x14.

Type specimens: IOC V531B-1(1): holotype, East China Sea; IOC V531B-1(2): 1 paratype, East China Sea; IOC V506-18: 7 paratypes, East China Sea

Synonymy: *Paracalliactis sinica* Pei, 1982 [Ref. 187], p. 65–71 (original description).

sipunculoides, *Actinia* Stimpson, 1853

Valid name: ***Edwardsia sipunculoides* (Stimpson, 1853)**

Described from x1.

Type specimen: holotype *not found*: Canada, New Brunswick, Grand Manan

***sipunculoides*, *Edwardsia* (Stimpson, 1853)**

Synonymy: *Actinia sipunculoides* Stimpson, 1853 [Ref. 238], p. 7–8 (original description).

Edwardsia sipunculoides Stimpson: Verrill, 1864 [Ref. 456], p. 58.

Edwardsia sipunculoides [sic] Stimp.: Andres, 1880 [Ref. 1316], p. 232.

Edwardsiella sipunculoides Stimp.: Andres, 1883 [Ref. 6170], p. 307.

sipunculoides, *Phellia* Haddon & Shackleton, 1893

Valid name: ***Telmatactis sipunculoides* (Haddon & Shackleton, 1893)**

Described from unspecified number.

Type specimens: syntypes *not found*: Australia, Queensland, Great Barrier Reef, Cockburn Reef

***sipunculoides*, *Telmatactis* (Haddon & Shackleton, 1893)**

Synonymy: *Phellia sipunculoides* Haddon & Shackleton, 1893 [Ref. 364], p. 117, 128–129 (original description).

Telmatactis sipunculoides (Haddon and Shackleton 1893): Carlgren, 1949 [Ref. 31], p. 91.

***sobolescens*, *Sagartia* Gravier, 1918**

Described from x8.

Type specimens: MOM 13 0057: 8+ syntypes, Morocco, Atlantic Ocean, 50 miles from Mogador (Essaouira) (Prince Albert I of Monaco Campagne de 1901: *Princesse-Alice* et l'*Hirondelle* sta. 1116)

Synonymy: *Sagartia sobolescens* Gravier, 1918 [Ref. 101], p. 11 (original description).

***sociabilis*, *Adamsia* Verrill, 1882**

Described from unspecified number.

Type specimens: YPM 9422: 14 syntypes, USA, Massachusetts, Martha's Vineyard (U.S. Fish Commission Steamer *Fish Hawk* 1880 sta. 876); YPM 9418: 8 syntypes, USA, Massachusetts, S of Martha's Vineyard (U.S. Fish Commission Steamer *Fish Hawk* 1880 sta. 877); YPM 9426: 1 syntype, USA, Massachusetts, Martha's Vineyard (U.S. Fish Commission Steamer *Fish Hawk* 1881 sta. 940); YPM 9423: 4 syntypes, USA, Massachusetts, Martha's Vineyard (U.S. Fish Commission Steamer *Fish Hawk* 1881 sta. 941); YPM 9425: 3 syntypes, USA, Massachusetts, Martha's Vineyard (U.S. Fish Commission Steamer *Fish Hawk* 1881 sta. 923); YPM 9421: 24 syntypes, USA, Massachusetts, S of Martha's Vineyard (U.S. Fish Commission Steamer *Fish Hawk* 1880 sta. 877); YPM 9427: 4 syntypes, USA, Massachusetts, Martha's Vineyard (U.S. Fish Commission Steamer *Fish Hawk* 1880 sta. 871); syntypes *not found*: USA, southern New England

Synonymy: *Adamsia sociabilis* Verrill, 1882 [Ref. 466], p. 225 (original description).

[*non*] *Sagartia sociabilis* Gravier, 1918 [Ref. 101], p. 10–11 (original description). senior homonym

Sagartia sociabilis Verrill: Verrill, 1928 [Ref. 263], p. 16. junior secondary homonym

***sociabilis*, *Sagartia* Gravier, 1918**

Senior homonym to junior secondary homonym created by Verrill (1928). Resolved by recognizing original combination of Verrill (1882).

Described from x15 *ex* three localities.

Type specimens: MOM 13 0029: 6(?) syntypes, 38°3'40"N, 28°34'45"W (Prince Albert I of Monaco Campagne de 1897: *Princesse-Alice* et l'*Hirondelle* sta. 882); MOM 13 0096: 2 syntypes, 37°40'30"N, 25°58'W (Prince Albert I of Monaco Campagne de 1911: *Princesse-Alice* et l'*Hirondelle* sta. 3144); MOM 13 0085: 9 syntypes, 40°5'N, 9°54'W (Prince Albert I of Monaco Campagne de 1908: *Princesse-Alice* et l'*Hirondelle* sta. 2743)

Synonymy: *Sagartia sociabilis* Gravier, 1918 [Ref. 101], p. 10–11 (original description). senior homonym

[*non*] *Sagartia sociabilis* Verrill: Verrill, 1928 [Ref. 263], p. 16. junior secondary homonym

***sociatus*, *Paranthus* Uchida, 1940**

Described from unspecified number >1.

Type specimens: syntypes *not found*: Japan, Kyushu [Kyûsyû] [Kin Shin] [Kiu Shiu], near Amakusa Marine Biological Station

Synonymy: *Paranthus sociatus* Uchida, 1940 [Ref. 562], p. 225–228 (original description).

sol, *Cereus* Agassiz in Verrill, 1864

Valid name: ***Verrillactis sol* (Verrill, 1864)**

Described from unspecified number.

Type specimens: MCZ 1254: 6 syntypes, USA, South Carolina, Charleston; MCZ 1256: 2 syntypes, USA, South Carolina, Charleston; MCZ 1255: 3 syntypes, USA, South Carolina, Charleston; MCZ 1251: 13 syntypes, USA, South Carolina, Charleston

***sol*, *Verrillactis* (Verrill, 1864) new combination**

Synonymy: *Cereus sol* Agassiz in Verrill, 1864 [Ref. 456], p. 58 (original description).

Actinia guttata Agassiz: Verrill, 1864 [Ref. 455], p. 25. Manuscript name used by Agassiz before he recognized anemones to which it referred young of *Cereus sol*: unavailable (International Code of Zoological Nomenclature Article 11.6 - published as a synonym and not treated as an available name prior to 1961).

Calliactis sol Verrill: Verrill, 1872 [Ref. 702], p. 435–436.

Heliactis sol Agass.: Andres, 1883 [Ref. 6170], p. 358.

Adamsia sol (Verrill): McMurrich, 1887 [Ref. 385], p. 57–59.

Adamsia Sol [no author]: McMurrich, 1893 [Ref. 386], p. 183, 204.

Actinia sol (Agass.): Duerden, 1902 [Ref. 57], p. 363.

Sagartiomorphe guttata (Verrill, 1864): Cutress & Ross, 1969 [Ref. 1458], p. 236–237. unavailable (see above).

Verrillactis guttata [no author]: den Hartog, 1997 [Ref. 759], p. 360. unavailable (see above).

Verrillactis sol (Verrill, 1864): new combination herein.

***sola*, *Anthopleura* Pearse & Francis, 2000**

Described from holotype, x8 paratypes.

Type specimens: CAS 116500: holotype, USA, California, Santa Cruz, Soquel Point; CAS 116501: 1 paratype, USA, California, Santa Cruz, Soquel Point; CAS 116502: 1 paratype, USA, California, Santa Cruz, Soquel Point; CAS 116503: 1 paratype, USA, California, Santa Cruz, Soquel Point; CAS 116504: 1 paratype, USA, California, Santa Cruz, Soquel Point; SBMNH 345318: 1 paratype, USA, California, Santa Cruz, Soquel Point; SBMNH 345319: 1 paratype, USA, California, Santa Cruz, Soquel Point; KU 001208: 1 paratype, USA, California, Santa Cruz, Soquel Point; KU 001209: 1 paratype, USA, California, Santa Cruz, Soquel Point

Synonymy: [*pro parte*] *Actinia elegantissima* Brandt, 1835 [Ref. 65], p. 13 (original description).

[*pro parte*] *Cribrina elegantissima* (Brandt): McMurrich, 1901 [Ref. 389], p. 18–23, 25, 37–38.

[*pro parte*] *Bunodactis elegantissima* (Brandt 1835): Carlgren, 1949 [Ref. 31], p. 66.

[*pro parte*] *Anthopleura elegantissima* (Brandt): Carlgren, 1952 [Ref. 306], p. 382–384.

Anthopleura elegantissima solitary [no author]: Potts & Smith, 1987 [Ref. 234], p. 538–544.

Anthopleura sp.: McFadden, Grosberg, Cameron, Karlton, & Secord, 1997 [Ref. 1731], p. 127, 136–137.

Anthopleura sola Pearse & Francis, 2000 [Ref. 810], p. 596, 597–608 (original description).

[*non*] *Anthopleura elegantissima* (Brandt, 1835): Pearse & Francis, 2000 [Ref. 810], p. 596–608.

solidago, *Capneopsis* Duchassaing & Michelotti, 1864

Type species of *Capneopsis* by monotypy.

Valid name: ***Telmatactis solidago* (Duchassaing & Michelotti, 1864)**

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, Virgin Islands, St. Thomas

***solidago*, *Telmatactis* (Duchassaing & Michelotti, 1864)**

Synonymy: *Capneopsis Solidago* Duchassaing & Michelotti, 1864 [Ref. 322], p. 34–35 (original description).

Phellia solidago D. & Mich.: Andres, 1883 [Ref. 6170], p. 340–341.
=? *Capneopsis solidago* Duch. and Mich.: Duerden, 1897 [Ref. 55], p. 459.
Phellia simplex Verrill, 1901 [Ref. 475], p. 48–49 (original description).
Edwardsia horstii Pax, 1924 [Ref. 416], p. 94–97, 98, 119 (original description).
Telmatactis simplex (Verrill 1901): Carlgren, 1949 [Ref. 31], p. 90.
Telmatactis solidago (Duch. & Mich.): Cairns, den Hartog, & Arneson, 1986 [Ref. 1185], p. 174, 175.

solifera, *Actinia* Le Sueur, 1817

Valid name: ***Bartholomea annulata* (Le Sueur, 1817)**

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, Guadeloupe

sollasi, *Phellia* Haddon, 1898

Valid name: ***Telmatactis sollasi* (Haddon, 1898)**

Described from unspecified number.

Type specimens: MZC I.35505: 2+ syntypes, Pacific Ocean, Tuvalu, Ellis Group, Funafuti

***sollasi*, *Telmatactis* (Haddon, 1898)**

Synonymy: *Phellia Sollasi* Haddon, 1898 [Ref. 539], p. 693–695 (original description).

Telmatactis Sollasi (Haddon 1898a): Carlgren, 1949 [Ref. 31], p. 91.

***somaliensis*, *Bolocera* Carlgren, 1928**

Described from x3 *ex* two localities.

Type specimens: MNB 7169: 1 syntype, East Africa, Somaliland (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 265); MZL 318: 1 syntype, East Africa, Somaliland (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 263)

Synonymy: *Bolocera somaliensis* Carlgren, 1928 [Ref. 198], p. 143–144 [21–22] (original description).

***somaliensis*, *Phelliactis* Carlgren, 1928**

Described from many specimens *ex* one locality, and x13 *ex* two localities.

Type specimens: MNB 7204: 1 syntype, East Africa, Somaliland (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 266); MNB 7206: 9 syntypes, East Africa, Somaliland (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 263); MNB 7183: 24 syntypes, East Africa, Somaliland (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 263); NRS 3985: 3 syntypes, East Africa, Somaliland (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 263); 8 syntypes *not found*: East Africa, Somaliland (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 265)

Synonymy: *Phelliactis somaliensis* Carlgren, 1928 [Ref. 198], p. 211–213 [89–91] (original description).

spectabilis, *Actinia* Fabricius, 1780

Valid name: ***Hormathia digitata* (Müller, 1776)**

Described from unspecified number.

Type specimens: syntypes *not found*: Greenland

spenceri, *Actinioides* Haddon & Duerden, 1896

Valid name: ***Gyractis spenceri* (Haddon & Duerden, 1896)**

Described from x1.

Type specimen: MZL *no number*: 2 microscope slides of holotype, Australia, Victoria, Port Phillip

***spenceri*, *Gyractis* (Haddon & Duerden, 1896) new combination**

Synonymy: *Actinioides Spenceri* Haddon & Duerden, 1896 [Ref. 368], p. 140, 159–160 (original description).

Actinoides [*sic*] *Spenceri* H. & S.: Carlgren, 1900 [Ref. 195], p. 43 [63].

Actinoides spenceri Hadd. & Duerd.: Pax, 1907 [Ref. 402], p. 77.

Actinogeton spenceri (Haddon and Duerden 1896): Carlgren, 1949 [Ref. 31], p. 62.

Actiniodes [sic] spenceri [no author]: Cutress, 1971 [Ref. 315], p. 83.
Gyractis spenceri (Haddon & Duerden, 1896): new combination herein.

spetsbergensis, *Actinostola* Carlgren, 1893

Type species of *Glandulactis* by original designation.

Valid name: *Glandulactis spetsbergensis* (Carlgren, 1893)

Described from x1.

Type specimen: NRS 4339: ½ of holotype, Svalbard, Spitsbergen, West Spitzberge, Recherche Bay

spetsbergensis, *Aulactinia* (Kwietniewski, 1898) new combination

Synonymy: *Leioalelia spetsbergensis* Kwietniewski, 1898 [Ref. 574], p. 121–122, 134–137, 140 (original description).

Rhodactinia crassicornis spetzbergensis[sic] Carlgren, 1902 [Ref. 154], p. 40–41 (original description).

Cribrina spetsbergensis Carlgren, 1921 [Ref. 196], p. 151–155.

Bunodactis spetsbergensis Carlgr.: Carlgren, 1928 [Ref. 201], p. 255, 278–279.

Aulactinia spetsbergensis (Kwietniewski, 1898): new combination herein.

spetsbergensis, *Glandulactis* (Carlgren, 1893)

Synonymy: =? *Kyathactis hyalina* Danielssen, 1890 [Ref. 321], p. 11–14 (original description).

Actinostola spetsbergensis Carlgren, 1893 [Ref. 145], p. 76–80, 148 (original description).

Actinostola walteri Kwietniewski, 1898 [Ref. 574], p. 121, 130–134, 140 (original description).

Actinostola sibirica Carlgren, 1901 [Ref. 604], p. 481–482 (original description).

Actinostola spetzbergensis [sic] Carlgren, 1893: Stephenson, 1920 [Ref. 449], p. 557.

Glandulactis spetsbergensis (Carlgren, 1893): Riemann-Zürneck, 1978 [Ref. 430], p. 66, 74, 75, 77, 82–84.

Actinostola spetsbergensis [sic] [no author]: Chen, Soong, & Chen, 2008 [Ref. 6149], p. 38.

spetsbergensis, *Leioalelia* Kwietniewski, 1898

Valid names used: *Aulactinia spetsbergensis* (Kwietniewski, 1898) new combination; *Epiactis fecunda* (Verrill, 1899);
Urticina felina (Linnaeus, 1761)

Type specimens: MNB 3806: 1 syntype, Svalbard, East Spitsbergen, Devee [Deevee] Bay; NRS 5692: 1+ syntypes, Svalbard, East Spitsbergen, Devee [Deevee] Bay; MZL *no number*: 2 microscope slides of syntype, Svalbard, East Spitsbergen, Devee [Deevee] Bay

spherulata, *Bunodosoma* Duerden, 1902

Valid name: *Bunodosoma spherulatum* Duerden, 1902 for gender agreement

Described from x2.

Type specimens: USNM 22129: 2 syntypes, Caribbean Sea, Puerto Rico, Arroyo, U.S. Fish Commission Steamer *Fish Hawk*

spherulatum, *Bunodosoma* Duerden, 1902

Synonymy: *Bunodosoma spherulata* Duerden, 1902 [Ref. 57], p. 329, 350–354 (original description).

Bunodosoma sphaerulatum [sic] [no author]: Pax, 1910 [Ref. 587], p. 177.

Phymactis sphaerulata [sic] Duerden: Stephenson, 1922 [Ref. 451], p. 285.

Bunodosoma spherulatum Duerden, 1902: correct spelling original herein.

sphyrodeta, *Actinothoe* (Gosse, 1858)

Synonymy: [*non*] *Actinia candida* Müller, 1776 [Ref. 167], p. 231 (original description). senior homonym

Actinia candida Gosse, 1853 [Ref. 1241], p. 432, 435 (original description). junior primary homonym

Sagartia candida [no author]: Gosse, 1855 [Ref. 95], p. 274–275.

Sagartia sphyrodeta Gosse, 1858 [Ref. 96], p. 415 (original description as *nomen novum*).

Thoe sphyrodeta (Gosse.): Wright, 1859 [Ref. 948], p. 119.

Sagartia sphyrodita [sic] [no author]: Andrews, 1872 [Ref. 6219], p. 17.

Sagartia (Actinothoe) sphyrodeta (Gosse): Fischer, 1889 [Ref. 81], p. 284–285.

Actinothoe sphyrodeta (Gosse): Nafilyan, 1912 [Ref. 171], p. 6, 24–26.

Actinothoë sphyrodeta (Gosse 1858): Carlgren, 1949 [Ref. 31], p. 102.
Actinothoe sphyrodeta candida Gosse: Williams, 1997 [Ref. 695], p. 245–246.
Actinothoe sphyrodeta xanthopis Gosse: Williams, 1997 [Ref. 695], p. 245–246.

sphaeroïdes, *Scolanthus* Holdsworth, 1855

Valid name: *Sagartia troglodytes* (Price in Johnston, 1847)

Described from unspecified number >1.

sphyrodeta, *Sagartia* Gosse, 1858

Type species of *Actinothoe* by subsequent designation

Valid name: *Actinothoe sphyrodeta* (Gosse, 1858)

Type specimens of a *nomen novum* are those of the species whose name is replaced (International Code of Zoological Nomenclature Article 72.7).

Comment: Replacement name for *Actinia candida* Gosse, 1853: after naming it, Gosse learned of senior homonym of Müller (1776) (see Gosse 1860) [Ref. 356].

spinifera, *Phellia* Hertwig, 1888

Valid name: *Hormathia pectinata* (Hertwig, 1882)

Described from x4 *ex* two localities.

Type specimens: BMNH 1889.11.25.37/69: 1 syntype, 37°17'0"S, 53°52'0"W (*Challenger* Expedition 1873–1876 sta. 320); NRS 4868: 2 syntypes, 52°45'30"S, 73°46'0"W (*Challenger* Expedition 1873–1876 sta. 311)

spinosa, *Hormathia* (Hertwig, 1882)

Synonymy: *Cereus spinosus* Hertwig, 1882 [Ref. 379], p. 68–71, 116 (original description).

Chitonactis spinosus (Hertwig): Haddon, 1889 [Ref. 362], p. 304, 312, 314, 315.

Hormathia spinosa (Hert.): Haddon, 1898 [Ref. 363], p. 459.

spinosa, *Paraphelliactis* Carlgren, 1928

Type species of *Paraphelliactis* by monotypy.

Described from unspecified number *ex* one station.

Type specimens: UCMNH *no number*: 4 syntypes, Greenland, Denmark Strait (Danish Ingolf Expedition sta. 95)

Synonymy: *Paraphelliactis spinosa* Carlgren, 1928 [Ref. 201], p. 256, 257, 259, 291 (original description).

Phelliactis spinosa (Carlgren 1928): Riemann-Zürneck, 1973 [Ref. 426], p. 293, 294, 295, 312.

spinosus, *Cereus* Hertwig, 1882

Valid name: *Hormathia spinosa* (Hertwig, 1882)

Described from x5.

Type specimens: BMNH 1890.7.23.1: 1 syntype, 53°55'S, 108°35'E (*Challenger* Expedition 1873–1876 sta. 157); BMNH 1889.11.25.68.A: 2 syntypes, 34°37'N, 140°32'E (*Challenger* Expedition 1873–1876 sta. 237)

spitsbergensis, *Kadosactis* (Danielssen, 1890)

Synonymy: *Phellia spitsbergensis* Danielssen, 1890 [Ref. 321], p. 74–77 (original description).

Phellia spitzbergensis [*sic*] Danielssen: Carlgren, 1895 [Ref. 734], p. 285.

Kadosactis spitsbergensis Dan.: Carlgren, 1932 [Ref. 288], p. 264.

Kadosactis spitzbergensis [*sic*] (Dan.): Carlgren, 1942 [Ref. 197], p. 14–16.

spitsbergensis, *Phellia* Danielssen, 1890

Valid name: *Kadosactis spitsbergensis* (Danielssen, 1890)

Described from x2.

Type specimens: MZB 8227: 2 syntypes, Arctic Ocean, N of Svalbard (Norwegian North Atlantic Expedition 1876–1878 sta. 363); MZL *no number*: 3 microscope slides of syntype, Arctic Ocean, N of Svalbard (Norwegian North Atlantic Expedition 1876–1878 sta. 363)

***splendens*, *Sagartia* Danielssen, 1890**

Also in synonymy of *Amphianthus norvegicus* Carlgren, 1942

Described from "a few specimens."

Type specimens: syntypes *not found*: Norway, Husøen, Sognefjord (Norwegian North Atlantic Expedition 1876–1878)

Synonymy: *Sagartia splendens* Danielssen, 1890 [Ref. 321], p. 33–36 (original description).

***spongicola*, *Sagartia* Verrill, 1883**

Valid name: ***Stephanauge spongicola* (Verrill, 1883)**

Described from many specimens.

Type specimens: YPM 9452: 88 syntypes, USA, Massachusetts, S of Martha's Vineyard (U.S. Fish Commission Steamer *Fish Hawk* 1881 sta. 949); YPM 9454: 38 syntypes, USA, Massachusetts, Martha's Vineyard (U.S. Fish Commission Steamer *Fish Hawk* 1881 sta. 1039); YPM 9459: 9 syntypes, USA, Massachusetts, Martha's Vineyard (U.S. Fish Commission Steamer *Fish Hawk* 1882 sta. 1151); YPM 9461: 13 syntypes, USA, Massachusetts, Martha's Vineyard (U.S. Fish Commission Steamer *Fish Hawk* 1882 sta. 1097); YPM 9460: 57 syntypes, USA, Massachusetts, S of Martha's Vineyard (U.S. Fish Commission Steamer *Fish Hawk* 1881 sta. 949); YPM 9456: 32 syntypes, USA, Delaware, E of Cape Henlopen (U.S. Fish Commission Steamer *Fish Hawk* 1881 sta. 1043); YPM 9451: 10 syntypes, USA, Massachusetts, S of Martha's Vineyard (U.S. Fish Commission Steamer *Fish Hawk* 1881 sta. 1038); YPM 9461: 13 syntypes, USA, Massachusetts, Martha's Vineyard (U.S. Fish Commission Steamer *Fish Hawk* 1882 sta. 1098)

***spongicola*, *Stephanauge* (Verrill, 1883)**

Synonymy: *Sagartia spongicola* Verrill, 1883 [Ref. 467], p. 47–48 (original description).

Stephanauge spongicola (Verrill 1883): Carlgren, 1949 [Ref. 31], p. 100.

***squamosa*, *Actinia* Bruguière, 1789**

Type species of *Taractostephanus* by monotypy. Type species of *Lepactis* by monotypy.

Valid name: ***Taractostephanus squamosa* (Bruguière, 1789)** new combination

Described from unspecified number.

Type specimens: syntypes *not found*: Madagascar, Foulepointe

***squamosa*, *Taractostephanus* (Bruguière, 1789)** new combination

Synonymy: *Actinia squamosa* Bruguière, 1789 [Ref. 606], p. 15 (original description).

Actinia squamata [*sic*] [no author]: de Blainville, 1830 [Ref. 94], p. 293.

Actinia (*Polystephanus*) *squamosa* Bruguière: Brandt, 1835 [Ref. 65], p. 12.

Lepactis squamosa Brug.: Andres, 1883 [Ref. 6170], p. 570, 571. *incertae sedis*

Taractostephanus squamosa (Bruguière, 1789): new combination herein.

***steinbecki*, *Phialoba* Carlgren, 1951**

Type species of *Phialoba* by monotypy.

Described from x2.

Type specimens: USNM 49459: 2 syntypes, Mexico, Baja California Sur, Gulf of California, east of La Paz

Synonymy: *Phialoba steinbecki* Carlgren, 1949 [Ref. 31], p. 59. *nomina nuda*: both genus and species names unavailable under International Code of Zoological Nomenclature Article 13.1.1.

Phialoba steinbecki Carlgren, 1951 [Ref. 304], p. 423–424 (original description)

***steinitzi*, *Cribrina* Pax, 1925**

Valid name: ***Aulactinia rubripunctata* (Grube, 1840)**

Described from x1.

Type specimen: holotype *not found*: Israel, Mediterranean Sea, Haifa

***stela*, *Isophellia* Cutress, 1971**

Described from holotype, x3 paratypes.

Type specimens: MV F41547: holotype, Australia, Victoria, Port Phillip, off Middle Brighton; MV F41548: 2 paratypes, Australia, Victoria, center of Port Phillip Bay; MV F66954: 1 paratype, Australia, Victoria, Port Phillip, off Middle Brighton

Synonymy: *Isophellia stela* Cutress, 1971 [Ref. 315], p. 84, 86–87 (original description).

***stella*, *Aulactinia* (Verrill, 1864)**

Synonymy: =? *Actinia coriacea* Johnst.: Stimpson, 1853 [Ref. 238], p. 7.

Bunodes stella Verrill, 1864 [Ref. 455], p. 16–17 (original description).

Bunodes spectabilis Verrill: Verrill, 1879 [Ref. 725], p. 152–153.

Aulactinia stella (Verrill): Duerden, 1897 [Ref. 55], p. 454–455.

Bunodactis stella Verrill: Verrill, 1899 [Ref. 470], p. 43.

Cribrina stella (Verrill): Whiteaves, 1901 [Ref. 6236], p. 39.

Cribina [sic] *stella* (Verrill): McMurrich, 1911 [Ref. 394], p. 76–77.

Tealipsis stella Verrill: Verrill, 1922 [Ref. 477], p. 112–113.

stella, *Bunodes* Verrill, 1864

Valid names used: ***Aulactinia stella* (Verrill, 1864); *Isoaulactinia stelloides* (McMurrich, 1889)**

Described from unspecified number >1.

Type specimens: MCZ 1297: 1 syntype, USA, Maine, Cape Elizabeth; MCZ 1295: 3 syntypes, Canada, New Brunswick, Grand Manan; MCZ 1296: 3 syntypes, Canada, New Brunswick, Grand Manan; syntypes *not found*: USA, Maine, Eastport

stellatus, *Ilyanthus* Andres, 1881

Type species of *Mesacmaea* Andres by monotypy.

Valid name: ***Mesacmaea mitchellii* (Gosse, 1853)**

Described from x2.

Type specimens: syntypes *not found*: Italy, Naples, Bendapalumbi

stelloides, *Aulactinia* McMurrich, 1889

Type species of *Isoaulactinia* by original designation. Type species of *Bunodella* Verrill by original designation.

Valid name: ***Isoaulactinia stelloides* (McMurrich, 1889)**

Described from unspecified number.

Type specimens: syntypes *not found*: Bahamas, New Providence

stelloides carneola, *Bunodactis* Verrill, 1905

Valid names used: ***Anthopleura krebsi* Duchassaing & Michelotti, 1860; *Isoaulactinia stelloides* (McMurrich, 1889)**

Described from unspecified number.

Type specimens: syntypes *not found*: Bermuda

stelloides catenulata, *Bunodactis* Verrill, 1905

Valid names used: ***Anthopleura pallida* Duchassaing & Michelotti, 1864; *Isoaulactinia stelloides* (McMurrich, 1889)**

Described from unspecified number.

Type specimens: syntypes *not found*: Bermuda

***stelloides*, *Isoaulactinia* (McMurrich, 1889)**

Synonymy: *Aulactinia stelloides* McMurrich, 1889 [Ref. 387], p. 28–31 (original description).

Aulactinia stella (Verrill): Duerden, 1897 [Ref. 55], p. 454–455.

Bunodes stella Verrill: Duerden, 1897 [Ref. 55], p. 455.

Bunodella stelloides (McMur.): Verrill, 1899 [Ref. 470], p. 43–44.

Bunodactis stelloides (McMur.) Verrill: Verrill, 1900 [Ref. 474], p. 556.

[*non*] *Bunodactis stelloides catenulata* Verrill, 1907 [Ref. 476], p. 263 (original description).

[*non*] *Bunodactis stelloides carneola* Verrill, 1907 [Ref. 476], p. 263–264 (original description).

Anthopleura catenulata (Verrill): Cairns, den Hartog, & Arneson, 1986 [Ref. 1185], p. 177, 178.

Anthopleura carneola (Verrill): Cairns, den Hartog, & Arneson, 1986 [Ref. 1185], p. 177, 178.

Isoaulactinia stelloides McMurrich: Belém, Herrera, & Schlenz, 1996 [Ref. 703], p. 77–88.

stellula, *Actinia* Hemprich & Ehrenberg in Ehrenberg, 1834

Valid name: ***Anthopleura stellula* (Hemprich & Ehrenberg in Ehrenberg, 1834)**

Described from unspecified number.

Type specimens: MNB 166: 3+ syntypes, Eritrea, Red Sea [Mer Rouge], Dahlak [Abessinia] Islands, Massawa [Massaua]; NRS 59: 1 syntype, Eritrea, Red Sea [Mer Rouge], Dahlak [Abessinia] Islands, Massawa [Massaua]; MZL *no number*: 2 microscope slides of syntype, Eritrea, Red Sea [Mer Rouge], Dahlak [Abessinia] Islands, Massawa [Massaua]

***stellula*, *Anthopleura* (Hemprich & Ehrenberg in Ehrenberg, 1834)**

Synonymy: *Actinia stellula* Hemprich & Ehrenberg in Ehrenberg, 1834 [Ref. 58], p. 258 (original description).

Actinia (*Monostephanus*) *stellula* Ehrenb.: Brandt, 1835 [Ref. 65], p. 10.

Bunodes stellula [no author]: Klunzinger, 1877 [Ref. 121], p. 78–79.

Anthopleura stellula (Ehrenberg 1834): Carlgren, 1949 [Ref. 31], p. 53.

Anthopleura elatensis England, 1969 [Ref. 67], p. 2–7 (original description).

***stephensoni*, *Anthostella* Carlgren, 1938**

Type species of *Anthostella* by monotypy.

Described from x3 collected, other mentioned.

Type specimens: NRS 4035: 1 syntype, South Africa, False Bay, St. James; NRS 4872: 1 syntype, South Africa, Table Bay, Melk Bosch [Melkbosch]; NRS 4281: 1 syntype, South Africa, Smitswinkel Bay

Synonymy: *Anthostella stephensoni* Carlgren, 1938 [Ref. 283], p. 38–40 (original description).

Anthostella Stephensoni Carlgren 1938: Carlgren, 1949 [Ref. 31], p. 50.

stephensoni, *Edwardsia* Carlgren, 1950

Valid name: ***Edwardsianthus pudica* (Klunzinger, 1877)**

Described from x8.

Type specimens: BMNH 1954.6.28.7: 1 syntype, Australia, Queensland, Great Barrier Reef, Low Isles (Great Barrier Reef Expedition 1928–29); MZL 304: 1 syntype, Australia, Queensland, Great Barrier Reef, Low Isles (Great Barrier Reef Expedition 1928–29); 2 syntypes *not found*: Australia, Queensland (Great Barrier Reef, Low Isles, Great Barrier Reef Expedition 1928–29)

stephensoni, *Epiactis* Pax, 1922

Valid name: ***Glyphoperidium bursa* Roule, 1909**

Described from unspecified number.

Type specimens: MNHN 2379: 2 syntypes, Antarctica, South Shetland Islands, King George's Island (*Pourquoi Pas* sta. XVIII)

stephensoni, *Halcampoides* Pax, 1926

Valid names used: ***Halcampoides purpureus* (Studer, 1879); *Halcampoides abyssorum* Danielssen, 1890**

Type specimens of a *nomen novum* are those of the species whose name is replaced (International Code of Zoological Nomenclature Article 72.7).

Comment: Replacement name (International Code of Zoological Nomenclature Article 60.3) for *Halcampoides kerguelensis* Pax, 1922, because Stephenson (1922) created a secondary homonym in moving *Halcampa kerguelensis* Hertwig to *Halcampoides*.

***stephensoni*, *Paracalliactis* Carlgren, 1928**

Described from x10.

Type specimens: syntypes *not found*: Ireland, County Kerry, 86 miles W of 1/4 N of Great Skellig

Synonymy: *Paracalliactis stephensoni* Carlgren, 1928 [Ref. 200], p. 170–172 (original description).

***stephensoni*, *Telmatactis* Carlgren, 1950**

Described from x1.

Type specimen: BMNH 1954.6.28.10: holotype, Australia, Queensland, Great Barrier Reef, Low Isles (Great Barrier Reef Expedition 1928–29)

Synonymy: *Telmatactis stephensoni* Carlgren, 1949 [Ref. 31], p. 91. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 13.1.1.

Telmatactis stephensoni Carlgren, 1950 [Ref. 311], p. 427, 445–448 (original description).

stimpsonii, *Anemonia* Fewkes, 1889

Valid name: ***Entacmaea stimpsonii* (Fewkes, 1889)** new combination

Described from unspecified number.

Type specimens: syntypes *not found*: USA, California, Santa Barbara

***stimpsonii*, *Anthopleura* Verrill, 1869**

Described from unspecified number.

Type specimens: syntypes *not found*: China, Hong Kong harbor

Synonymy: *Anthopleura* sp.: Verrill, 1869 [Ref. 461] (1870), p. 67, 103 [33, 69].

Anthopleura Stimpsonii Verrill, 1869 [Ref. 461] (1870), p. 66–67 [32–33] (original description).

Anthopleura Stimpsoni [*sic*] Ver.: Verrill, 1899 [Ref. 470], p. 44.

Bunodactis Stimpsoni [*sic*] (Verrill 1868): Carlgren, 1949 [Ref. 31], p. 65.

Gyraetis stimpsoni [*sic*] (Verrill, 1871): England, 1992 [Ref. 73], p. 49, 72–74.

Aulactinia stimpsoni [*sic*] (Verrill, 1869): Uchida & Soyama, 2001 [Ref. 1832], p. 67, 150, 154.

***stimpsonii*, *Anthothoe* (Verrill, 1869)**

Synonymy: *Cereus Stimpsonii* Verrill, 1869 [Ref. 461] (1870), p. 53–54 [19–20] (original description).

[*pro parte*] *Actinioides angrae pequenae* Pax, 1907 [Ref. 402], p. 17, 79–83 (original description).

Paraphellia polyptycha Pax, 1908 [Ref. 403], p. 493 [291], 497 [295], 500 [298] (original description).

=? [*pro parte*] *Actinia suspecta* Pax, 1922 [Ref. 413], p. 77–78 (original description).

=? *Sagartia capensis* Pax, 1922 [Ref. 413], p. 89 (original description).

=? *Sagartia problematica* Pax, 1922 [Ref. 413], p. 90 (original description).

Parathoe Stimpsonii (Verr.): Carlgren, 1928 [Ref. 198], p. 233–236 [111–114].

=? *Thoë neglecta* Carlgren, 1928 [Ref. 198], p. 253–255 [131–133] (original description).

Anthothoë stimpsoni [*sic*] (Verr.): Carlgren, 1938 [Ref. 283], p. 86–89.

Anthothoe stimpsoni [*sic*] (Verr.): Kruger & Griffiths, 1998 [Ref. 5658], p. 629, 632, 633, 634, 635, 636, 637, 638, 639.

stimpsonii, *Cereus* Verrill, 1869

Type species of *Parathoe* by monotypy. Type species of *Anthothoe* by monotypy.

Valid names used: ***Anthothoe chilensis* (Lesson, 1830)**; ***Anthothoe stimpsonii* (Verrill, 1869)**

Described from unspecified number.

Type specimens: syntypes *not found*: South Africa, Cape of Good Hope, False Bay

***stimpsonii*, *Entacmaea* (Fewkes, 1889)** new combination

Synonymy: *Anemonia Stimpsonii* Fewkes, 1889 [Ref. 77], p. 31–32 (original description).

Anemonia stimpsoni [*sic*] Fewkes: Carlgren, 1895 [Ref. 734], p. 285.

Anemonia stimpsonii [*sic*] [no author]: McMurrich, 1904 [Ref. 391], p. 227.

Gyrostoma stimpsonii (Fewkes): Pax, 1907 [Ref. 402], p. 46, 50.

?*Gyrostoma stimpsoni* [*sic*] (Fewkes 1889): Carlgren, 1949 [Ref. 31], p. 59.

Entacmaea stimpsonii (Fewkes, 1889): new combination herein.

stimpsonii, *Halocampa* Verrill, 1868

Valid name: ***Haloclava stimpsonii* (Verrill, 1868)**

Described from unspecified number.

Type specimens: syntypes *not found*: South Africa, Cape of Good Hope, False Bay

***stimpsonii*, *Haloclava* (Verrill, 1868)**

Synonymy: *Halocampa* [*sic*] *Stimpsonii* Verrill, 1868 [Ref. 460], p. 319–320 [5–6] (original description).

Halcampa Stimpsonii Verrill: McMurrich, 1893 [Ref. 386], p. 142.
Eloactis Stimpsoni [sic] [no author]: Verrill, 1899 [Ref. 470], p. 42.
Haloclava Stimpsoni [sic] (Verrill 1868): Carlgren, 1949 [Ref. 31], p. 30.
Haloclava stimpsonii (Verrill, 1868): correct spelling original herein.

strandesi, Phymanthus Carlgren, 1900

Described from x13 from two localities.

Type specimens: NRS 79: 2 syntypes, East Africa, Tanzania, Zanzibar, Tumbatu; MZL *no number*: 3 microscope slides of syntype, East Africa, Tanzania, Zanzibar, Tumbatu ZMH C2585: 10 syntypes, East Africa, Tanzania, Zanzibar, Tumbatu; syntypes *not found*: East Africa, Tanzania, Zanzibar, Puopo

Synonymy: *Phymanthus Strandesi* Carlgren, 1900 [Ref. 195], p. 68–70 [88–90] (original description).

Phymanthus strandesi Carlgr.: Stephenson, 1922 [Ref. 451], p. 290.

striata, Actinia Risso, 1826

Type species of *Paractinia* by monotypy.

Senior homonym to junior primary homonyms of Quoy & Gaimard (1833) and of Rizzi (1907). Homonymy between names of Quoy & Gaimard and Rizzi unresolved: name of Risso resolved by considering it a junior synonym.

Valid name: ***Paractinia striata* (Risso, 1826)**

Listed as "Species delendae" by Andres (1883).

Described from unspecified number.

Type specimens: syntypes *not found*: France, Mediterranean Sea, Nice

striata, Actinia Quoy & Gaimard, 1833

Junior primary homonym to senior homonym of Risso (1826), senior homonym to junior primary homonym of Rizzi (1907). Homonymy between names of Quoy & Gaimard and Rizzi unresolved: name of Risso resolved by considering it a junior synonym.

Described from unspecified number.

Type specimens: syntypes *not found*: New Zealand

Synonymy: [*non*] *Actinia striata* Risso, 1826 [Ref. 739], p. 287 (original description). senior homonym

Actinia striata Quoy & Gaimard, 1833 [Ref. 194], p. 164 (original description). junior primary homonym

Actinia striata [no author]: Andres, 1883 [Ref. 6170], p. 592. *species delendae*

[*non*] *Actinia equina striata* Rizzi, 1907 [Ref. 773], p. 21–23 (original description). junior homonym

striata, Actinia Rizzi, 1907

Junior primary homonym to senior homonyms of Risso (1826) and of Quoy & Gaimard (1833). Homonymy between names of Quoy & Gaimard and Rizzi unresolved: name of Risso resolved by considering it a junior synonym.

Synonymy: [*non*] *Actinia striata* Risso, 1826 [Ref. 739], p. 287 (original description). senior homonym

[*non*] *Actinia striata* Quoy & Gaimard, 1833 [Ref. 194], p. 164 (original description). junior primary homonym

Actinia equina striata Rizzi, 1907 [Ref. 773], p. 21–23 (original description). junior primary homonym

Actinia striata (Rizzi, 1907): Schmidt, 1971 [Ref. 226], p. 165–167.

striata, Actinostella (Wassilieff, 1908)

Synonymy: *Phyllactis striata* Wassilieff, 1908 [Ref. 478], p. 22–23 (original description).

Cradactis striata Wass.: Stephenson, 1922 [Ref. 451], p. 284.

Actinostella striata Wassilieff, 1908: Häussermann, 2003 [Ref. 1881], p. 179.

striata, Isosicyonis Rodríguez & López-González, 2008

Described from holotype, x16 paratypes.

Type specimens: ZMH C11712: holotype, Antarctica, Weddell Sea, Austasen (*Polarstern* ANT XXI/2 sta. 65/166-1); LBMS ANT-6036: 1 paratype, Antarctica, Joinville Island (*Polarstern* ANT XXIII/8 sta. 69/692-1); LBMS ANT-4942: 1 paratype, Antarctica, Weddell Sea, Austasen (*Polarstern* ANT XXI/2 sta. 65/336-1); LBMS ANT-4555: 2 paratypes, Antarctica, Weddell Sea, Kapp

Norvegia (*Polarstern* ANT XVII/3 sta. 085-1); LBMS ANT-6034: 1 paratype, Antarctica, Weddell Sea, Austasen (*Polarstern* ANT XXI/2 sta. 65/245-1); LBMS ANT-4714: 1 paratype, Antarctica, Weddell Sea, Kapp Norvegia (*Polarstern* ANT XVII/3 sta. 085-1); LBMS ANT-6037: 1 paratype, Antarctica, Joinville Island (*Polarstern* ANT XXIII/8 sta. 69/693-1); LBMS ANT-6038: 1 paratype, Antarctica, Joinville Island (*Polarstern* ANT XXIII/8 sta. 69/722-6); LBMS ANT-4944: 1 paratype, Antarctica, Weddell Sea, Austasen (*Polarstern* ANT XXI/2 sta. 65/173-1); LBMS ANT-4808: 1 paratype, Antarctica, Weddell Sea, Austasen (*Polarstern* ANT XXI/2 sta. 65/090-1); LBMS ANT-6035: 3 paratypes, Antarctica, Joinville Island (*Polarstern* ANT XXIII/8 sta. 69/687-1); LBMS ANT-4945: 2 paratypes, Antarctica, Weddell Sea, Austasen (*Polarstern* ANT XXI/2 sta. 65/173-1); USNM 1110556: 1 paratype, Antarctica, Joinville Island (*Polarstern* ANT XXIII/8 sta. 69/686-1)

Synonymy: *Isosicyonis striata* Rodríguez & López-González, 2008 [Ref. 5909], p. 73–74, 76, 79, 80–85 (original description).

***striata, Paractinia* (Risso, 1826)**

Synonymy: *Actinia striata* Risso, 1826 [Ref. 739], p. 287 (original description). senior homonym

Actinia depressa Rapp, 1829 [Ref. 423], p. 58 (original description). senior homonym

[*non*] *Actinia striata* Quoy & Gaimard, 1833 [Ref. 194], p. 164 (original description). junior primary homonym

Paractis striata Risso: Jourdan, 1880 [Ref. 119], p. 17, 27–28, 136.

Paractinia striata Riss.: Andres, 1883 [Ref. 6170], p. 473–474.

[*non*] *Actinia depressa* Duch.: Andres, 1883 [Ref. 6170], p. 410. junior primary homonym

[*non*] *Actinia equina striata* Rizzi, 1907 [Ref. 773], p. 21–23 (original description). junior primary homonym

Parastephanauge Paxi Dufaure, 1959 [Ref. 557], p. 87–90 (original description).

striata, Phyllactis Wassilieff, 1908

Valid name: ***Actinostella striata* (Wassilieff, 1908)**

Described from x1.

Type specimen: ZSM 161: holotype, Japan, Honshu, Sagami Bay, Aburatsubo

***striata, Polyopsis* Hertwig, 1882**

Type species of *Polyopsis* by monotypy.

Described from x1.

Type specimen: BMNH 1889.11.25.24: ½ of holotype, 33°31'S, 74°43'W (*Challenger* Expedition 1873–1876 sta. 299)

Synonymy: *Polyopsis striata* Hertwig, 1882 [Ref. 379], p. 90–92, 116 (original description).

***striatus, Scytophorus* Hertwig, 1882**

Type species of *Scytophorus* by monotypy.

Described from x2.

Type specimens: BMNH 1889.11.25.25: 1 syntype, 52°4'S, 71°22'E (*Challenger* Expedition 1873–1876 sta. 150)

Synonymy: *Scytophorus striatus* Hertwig, 1882 [Ref. 379], p. 93–95, 116 (original description).

***strigata, Actinia* Quoy & Gaimard, 1833**

Described from unspecified number.

Type specimens: syntypes *not found*: Indian Ocean, Mauritius [Ile de France], Port Louis

Synonymy: *Actinia strigata* Quoy & Gaimard, 1833 [Ref. 194], p. 166 (original description).

Actinia strigata [no author]: Andres, 1883 [Ref. 6170], p. 592. *species delendae*

***strumosa, Bunodeopsis* Andres, 1881**

Type species of *Bunodeopsis* by monotypy.

Described from unspecified number.

Type specimens: syntypes *not found*: Italy, Naples, Gaiolae

Synonymy: *Bunodeopsis strumosa* Andres, 1881 [Ref. 4], p. 315, 338 (original description).

Tetractis jonica Goette, 1897 [Ref. 645], p. 354–355 (original description).

Tetractis janthina [sic] Gotte 1898: Schmidt (1972) [Ref. 441], p. 12.

studerii, *Bunodes* Andres, 1883

Valid name: ***Parantheopsis cruentata* (Couthouy in Dana, 1846)**

Type specimens of a *nomen novum* are those of the species whose name is replaced (International Code of Zoological Nomenclature Article 72.7).

Comments: Labeled “n. n.” (*nomen novum*) for *Bunodes kerguelensis*: Andres did not explain why he created this substitute name, his discussion being entirely taxonomic. Not a replacement name in sense of International Code of Zoological Nomenclature Article 60. An unnecessary substitute name available nonetheless (International Code of Zoological Nomenclature Article 10.6).

studerii, *Paractis* Andres, 1883

Valid name: ***Isosicyonis alba* (Studer, 1879)**

Type specimens of a *nomen novum* are those of the species whose name is replaced (International Code of Zoological Nomenclature Article 72.7).

Comment: Labeled “n. n.” (*nomen novum*) for *Paractis alba*: Andres did not explain why he created this substitute name, his discussion being entirely taxonomic. Not a replacement name in sense of International Code of Zoological Nomenclature Article 60. An unnecessary substitute name available nonetheless (International Code of Zoological Nomenclature Article 10.6).

stuhlmanni, *Gyrostoma* Carlgren, 1900

Valid name: ***Entacmaea quadricolor* (Leuckart in Rüppell & Leuckart, 1828)**

Described from x2.

Type specimens: ZMH C2602: 2 syntypes, East Africa, Tanzania, Zanzibar, Kokotoni, Tumbatu Reef

subantarctica, *Choriactis* Pax, 1922

Valid name: ***Paractis subantarctica* (Pax, 1922)** new combination

Described from unspecified number (inferred x1).

Type specimen: MNB 7207: ½ of holotype, Kerguelen

***subantarctica*, *Paractis* (Pax, 1922)** new combination

Synonymy: *Choriactis subantarctica* Pax, 1922 [Ref. 413], p. 91 (original description).

Paractis subantarctica (Pax, 1922): new combination herein.

subfusca, *Actinia* Hemprich & Ehrenberg in Ehrenberg, 1834

Valid name: ***Paractis subfusca* (Hemprich & Ehrenberg in Ehrenberg, 1834)**

Described from unspecified number.

Type specimens: MNB 180: 1 syntype, Egypt, Red Sea [Mer Rouge], Tor [Tur, El-Tur, El Tûr]; MNB 181: 1 syntype, Egypt, Red Sea [Mer Rouge], Tor [Tur, El-Tur, El Tûr]; MNB 182: 1 syntype, Egypt, Red Sea [Mer Rouge], Tor [Tur, El-Tur, El Tûr]

***subfusca*, *Paractis* (Hemprich & Ehrenberg in Ehrenberg, 1834)**

Synonymy: *Actinia subfusca* Hemprich & Ehrenberg in Ehrenberg, 1834 [Ref. 58], p. 262 (original description).

Paractis subfusca [no author]: Klunzinger, 1877 [Ref. 121], p. 71.

***sudanensis*, *Halcurias* Riemann-Zürneck, 1983**

Described from x16 ex two localities.

Type specimens: SMF 4795: holotype, Red Sea [Mer Rouge] (*Valdivia* sta. 106-TA); SMF 4796: 10 or 11 paratypes, Red Sea [Mer Rouge] (*Valdivia* sta. 106-TA); SMF 4797: 3 paratypes, Sudan, Red Sea [Mer Rouge], Ras Abu, Shagara (R/V *Sonne* sta. 27-TA)

Synonymy: *Halcurias sudanensis* Riemann-Zürneck, 1983 [Ref. 511], p. 428–433 (original description).

***suecicum*, *Octineon* Carlgren, 1940**

Described from unspecified number.

Type specimens: EUU 177: 2+ syntypes, Sweden, Bohuslän, Väderöar, vicinity of the *Lophohelia* reef; NHMG Anthoz. 1029: 4? syntypes, Sweden, Bohuslän, Väderöar, vicinity of the *Lophohelia* reef; NRS 5633: 34 syntypes, Sweden, Bohuslän, Väderöar, vicinity of the *Lophohelia* reef
Synonymy: *Octineon suecicum* Carlgren, 1940 [Ref. 281], p. 7, 28, 33, 59–60 (original description).

sulcata, *Actinia* Pennant, 1777

Types species of *Anemonia* by subsequent designation (Stephenson, 1935): Fautin *et al.* (2007) stated designation was by Carlgren (1949). *Actinia sulcata* senior subjective synonym of both species originally included in genus, *Anemonia ædulis* and *A. vagans* (see Stephenson, 1935: Carlgren, 1949).

Valid names used: ***Anemonia sulcata* (Pennant, 1777)**; ***Anemonia viridis* (Forsskål, 1775)**

Described from unspecified number.

Type specimens: syntypes *not found*: Atlantic Ocean, English Sea; syntypes *not found*: UK, England, Cornish sea

***sulcata*, *Anemonia* (Pennant, 1777)**

Synonymy: *Priapus viridis* Forsskål, 1775 [Ref. 86], p. 102 (original description).

Actinia sulcata Pennant, 1777 [Ref. 637], p. 40 [48, 49] (original description).

Actinia Cereus Ellis & Solander, 1786 [Ref. 71], p. 2 (original description).

Actinia viridis [no author]: Gmelin, 1796 [Ref. 91], p. 3134.

Anemonia vagans Risso, 1826 [Ref. 739], p. 288 (original description).

Anemonia ædulis Risso, 1826 [Ref. 739], p. 289 (original description).

Anemonia [sic] *vagans* [no author]: Leach, 1830 [Ref. 5875], p. 164.

Actinocereus sulcata [no author]: de Blainville, 1830 [Ref. 94], p. 294.

Actinia cereus Ellis et Sol.: Rapp, 1831 [Ref. 623], p. 122.

Actinocereus sulcatus [no author]: de Blainville, 1834 [Ref. 64], p. 327.

Actinia (Hexastephanus) cereus Ellis et Soland.: Brandt, 1835 [Ref. 65], p. 12.

Anthea Cereus Dr Gærtner: Johnston, 1838 [Ref. 634], p. 221.

Anthea cereus [no author]: Couch, 1842 [Ref. 6048], p. 60–61.

Actinia flagellifera (Drayton): Dana, 1846 [Ref. 318], p. 126–128.

Entacmaea phaeochira Schmarada, 1852 [Ref. 618], p. 130, 132 (original description).

Anemonia sulcata [no author]: Milne Edwards, 1857 [Ref. 508], p. 233–234.

[*non*] *Anemonia vagans* [no author]: Milne Edwards, 1857 [Ref. 508], p. 235.

Comactis viridis [no author]: Milne Edwards, 1857 [Ref. 508], p. 236–237.

Comactis flagellifera [no author]: Milne Edwards, 1857 [Ref. 508], p. 236.

Actinia phaeochira [no author]: Heller, 1868 [Ref. 662], p. 11.

[*non*] *Comactis flagellifera* M. Edwards: Hertwig, 1882 [Ref. 379], p. 28–29, 116.

Anemonia flagellifera Dons, 1945 [Ref. 382], p. 5.

***sulcata*, *Aulactinia* (Clubb, 1902)**

Synonymy: *Urticina sulcata* Clubb, 1902 [Ref. 34], p. 295–305, 308 (original description).

Urticina carlgreni Clubb, 1902 [Ref. 34], p. 297–305, 308 (original description).

Tealia carlgreni Clubb: Stephenson, 1922 [Ref. 451], p. 272.

Tealia sulcata Clubb: Stephenson, 1922 [Ref. 451], p. 272.

Rhodactinia carlgreni (Clubb): Pax, 1923 [Ref. 414], p. 25.

Rhodactinia sulcata (Clubb): Pax, 1923 [Ref. 414], p. 25.

Bunodactis sulcata (Clubb, 1902): Carlgren, 1924 [Ref. 208], p. 196.

Bunodactis Carlgreni (Clubb, 1902): Carlgren, 1924 [Ref. 208], p. 196.

Bunodactis carlgreni (Club, 1902): Carlgren, 1949 [Ref. 31], p. 65.

Aulactinia sulcata (Clubb, 1902): Dunn, 1983 [Ref. 344], p. 8–13.

***sulcata*, *Edwardsia* Verrill, 1864**

Described from x1.

Type specimen: MCZ 1308: holotype, USA, Massachusetts, Chelsea Beach

Synonymy: *Edwardsia sulcata* Verrill, 1864 [Ref. 455], p. 29 (original description).

Halcampa sulcata [no author]: Andres, 1883 [Ref. 6170], p. 317.

***sulcata*, *Kadosactis* Carlgren, 1934**

Type species of *Kadosanthus* by monotypy.

Described from x1.

Type specimen: MZB 39196: holotype, 35°32'N, 7°7'W (Michael Sars North Atlantic Deep-Sea Expedition 1910 sta. 23); MZL *no number*: microscope slides of holotype, 35°32'N, 7°7'W (Michael Sars North Atlantic Deep-Sea Expedition 1910 sta. 23)

Synonymy: *Kadosactis sulcata* Carlgren, 1934 [Ref. 290], p. 10–12 (original description).

Kadosactis sulcatus [*sic*] (Carlgren 1934): Carlgren, 1949 [Ref. 31], p. 105.

sulcata, *Urticina* Clubb, 1902

Valid name: ***Aulactinia sulcata* (Clubb, 1902)**

Described from many specimens.

Type specimens: BMNH 1902.8.15.23: 1 syntype, Antarctica, South Victoria Land, Cape Adare; BMNH 1902.8.15.22: 1 syntype, Antarctica, South Victoria Land, Cape Adare; BMNH 1902.8.15.1-10: 15 syntypes, Antarctica, South Victoria Land, Cape Adare; RSM 1902.68.19: 2 syntypes, Antarctica, South Victoria Land, Cape Adare

sulcatum, *Gyrostoma* Lager, 1911

Valid name: ***Entacmaea quadricolor* (Leuckart in Rüppell & Leuckart, 1828)**

Described from x15.

Type specimens: MNB 5444: 2 syntypes, Australia, Western Australia, Sharks Bay, Surf Point [detail from specimen label] (Hamburger südwest-australischen Forschungsreise 1905 sta. 25); MNB 5443: 1 syntype, Australia, Western Australia, Sharks Bay, Surf Point [detail from specimen label] (Hamburger südwest-australischen Forschungsreise 1905 sta. 25); NRS 4876: 2 syntypes, Australia, Western Australia, Sharks Bay, Surf Point [detail from specimen label] (Hamburger südwest-australischen Forschungsreise 1905 sta. 25); WAM Z887: 1 syntype, Australia, Western Australia, Sharks Bay, Surf Point [detail from specimen label] (Hamburger südwest-australischen Forschungsreise 1905 sta. 25); ZMH C5334: 6 syntypes, Australia, Western Australia, Sharks Bay, Surf Point [detail from specimen label] (Hamburger südwest-australischen Forschungsreise 1905 sta. 25); ZMH C5336: 3 syntypes, Australia, Western Australia, Sharks Bay, Surf Point [detail from specimen label] (Hamburger südwest-australischen Forschungsreise 1905 sta. 25)

***sulcatus*, *Ophiodiscus* Hertwig, 1882**

Described from x1.

Type specimen: BMNH 1889.11.25.14: holotype, 33°42'S, 78°18'W (*Challenger* Expedition 1873–1876 sta. 300)

Synonymy: *Ophiodiscus sulcatus*: Hertwig, 1882 [Ref. 379], p. 54–55, 116, 118 (original description).

sultana, *Actinoides* [*sic*] Carlgren, 1900

Valid name: ***Gyractis sesere* (Haddon & Shackleton, 1893)**

Type species of *Actiniogeton* by monotypy.

Described from x1.

Type specimen: MZL 329: holotype, East Africa, Tanzania, Zanzibar, Baui [Bawi] [Bawe] Island

***sumatriensis*, *Sicyonis* Carlgren, 1928**

Described from x2.

Type specimens: MNB 7205: 2 syntypes, Indonesia, Sumatra, inland seas (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 186)

Synonymy: *Sicyonis sumatriensis* Carlgren, 1928 [Ref. 198], p. 177–178 [55–56] (original description).

suspecta, *Actinia* Pax, 1922

Valid names used: ***Anthothoe stimpsonii* (Verrill, 1869)**; ***Pseudactinia infecunda* (McMurrich, 1893)**

Described from x4 syntypes. According to Carlgren (1928, pp.156–157, 254), three have acontia so do not belong to this species: the one lacking acontia is the lectotype (according to criteria of International Code of Zoological

Nomenclature Article 74.5). The three are paralectotypes of *A. suspecta* as well as syntypes of *Thoe neglecta* Carlgren, 1928, so the two species are *pro parte* objective synonyms.

Type specimens: MNB 7196: 1 lectotype, South Africa, False Bay, Simons Bay (Deutsche Sudpolar-Expedition 1901–03); MNB 7195: 3 paralectotypes, South Africa, Cape of Good Hope, False Bay, Simon's Bay (Deutsche Sudpolar-Expedition 1901–03)

***tabella*, *Actinia* Drayton in Dana, 1846**

Described from unspecified number.

Type specimens: syntypes *not found*: Atlantic Ocean, Cape Verde Islands [Cape de Verdes], St. Jago [Ilha de Sao Tiago], Porto Praya [Praia], False Bay (United States Exploring Expedition ["Wilkes Expedition"])

Synonymy: *Actinia tabella* Drayton in Dana, 1846 [Ref. 318], p. 132 (original description).

Actinia Tabella [no author]: Gosse, 1855 [Ref. 95], p. 274.

***taeniata*, *Actinia* Gay, 1854**

Described from unspecified number

Type specimens *not found*: Chile, Chiloé Island, San Carlos

Synonymy: *Actinia taeniata* Gay, 1854 [Ref. 5981], p. 451–452 (original description).

Actinia taeniata Gay, 1854: correct orthographic rendering original herein.

***taeniata*, *Peachia* Klunzinger, 1877**

Described from x1.

Type specimen: holotype *not found*: Red Sea [Mer Rouge]

Synonymy: *Peachia taeniata* Klunzinger, 1877 [Ref. 121], p. 81 (original description).

Halcampa toeniata (Peachia Klunz.): Andres, 1880 [Ref. 1316], p. 232.

Halcampa taeniata (Peachia Klunz.): Andres, 1881 [Ref. 3], p. 138.

Uncertain genus *taeniata* Klunz.: Andres, 1883 [Ref. 6170], p. 575. *incertae sedis*

Peachia taeniata Klunzinger, 1877: correct orthographic rendering original herein.

***taeniatus*, *Bunodes* McMurrich, 1889**

Valid name: ***Bunodosoma granuliferum* (Le Sueur, 1817)**

Described from x1.

Type specimen: holotype *not found*: Bahamas, bay to the west of Nassau

***tagetes*, *Aiptasia* (Duchassaing & Michelotti, 1864)**

Synonymy: *Bartholomea Tagetes* Duchassaing & Michelotti, 1864 [Ref. 322], p. 39 (original description).

Aiptasia tagetes D. & Mich.: Andres, 1883 [Ref. 6170], p. 387.

[*non*] *Aiptasia tagetes* (Duch. et. Mich.): Pax, 1910 [Ref. 407], p. 162, 164, 203–205.

Bartholomea tagetes D. & M., 1866: Stephenson, 1920 [Ref. 449], p. 532.

Aiptasia Tagetes [no author]: Atoda, 1954 [Ref. 493], p. 123.

Aiptasia pallida (Verrill): Cairns, den Hartog, & Arneson, 1986 [Ref. 1185], p. 174, 175.

***tagetes*, *Bartholomea* Duchassaing & Michelotti, 1864**

Valid name: ***Aiptasia tagetes* (Duchassaing & Michelotti, 1864)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: Caribbean Sea, Virgin Islands, St. Thomas; syntypes *not found*: Caribbean Sea, Puerto Rico

***tamarae*, *Paraisanthus* Sanamyan & Sanamyan, 1998**

Type species of *Paraisanthus* by monotypy.

Described from holotype, x33 paratypes.

Type specimens: KIEE 134/1: holotype, Russia, Bering Sea, Commander Islands, Medny Island, Drovenskoy Point (Commander Islands Expedition); KIEE *no number*: 5 paratypes, Russia, Bering Sea, Commander Islands, Medny Island, Drovenskoy Point (Commander Islands Expedition sta. 5); KIEE *no number*: 13 paratypes, Russia, Bering Sea, Commander Islands, Medny Island,

Drovenskoy Point (Commander Islands Expedition); KIEE *no number*: 1 paratype, Russia, Bering Sea, Commander Islands, Medny Island, Drovenskoy Point (Commander Islands Expedition sta. 10); KIEE *no number*: 1 paratype, Russia, Bering Sea, Commander Islands, Medny Island, Glinka Bay (Commander Islands Expedition sta. 64); KIEE *no number*: 4 paratypes, Russia, Bering Sea, Commander Islands, Bering Island, Peresheek Point (Commander Islands Expedition sta. 206); KIEE *no number*: 3 paratypes, Russia, Bering Sea, Commander Islands, Bering Island, Podutesnaya Bay (Commander Islands Expedition sta. 210); KIEE *no number*: 4 paratypes, Russia, Bering Sea, Commander Islands, Medny Island, Drovenskoy Point (Commander Islands Expedition sta. 14); KIEE *no number*: 1 paratype, Russia, Bering Sea, Commander Islands, Medny Island, Drovenskoy Point (Commander Islands Expedition sta. 12); 1 paratype *not found*: Russia, Bering Sea, Commander Islands, Medny Island, Glinka Bay (Commander Islands Expedition sta. 57)

Synonymy: *Paraisanthus tamarae* Sanamyan & Sanamyan, 1998 [Ref. 750], p. 1–4 (original description).

tapetum, *Actinia* Hemprich & Ehrenberg in Ehrenberg, 1834

Type species of *Discosomoides* by original designation.

Valid name: ***Stichodactyla tapetum* (Hemprich & Ehrenberg in Ehrenberg, 1834)**

Described from unspecified number *ex* two localities.

Type specimens: MNB 162: 5 syntypes, Egypt, Red Sea [Mer Rouge], Tor [Tur, El-Tur, El Tûr]; MNB 163: 3 syntypes, Egypt, Red Sea [Mer Rouge], Suez; MNB 163: 3 syntypes, Egypt, Red Sea [Mer Rouge], Tor [Tur, El-Tur, El Tûr]; NRS 1157: 1 syntype, Egypt, Red Sea [Mer Rouge], Tor [Tur, El-Tur, El Tûr]

***tapetum*, *Stichodactyla* (Hemprich & Ehrenberg in Ehrenberg, 1834)**

Synonymy: *Actinia Tapetum* Hemprich & Ehrenberg in Ehrenberg, 1834 [Ref. 58], p. 256 (original description).

Actinia tapetum H. et Ehrenb.: Deshayes & Milne Edwards, 1840 [Ref. 68], p. 414.

Homactis rupicola Verrill, 1869 [Ref. 461] (1870), p. 71–72 [37–38] (original description).

Discosoma tapetum [no author]: Klunzinger, 1877 [Ref. 121], p. 83.

Ricordea rupicola (Verr.): Haddon, 1898 [Ref. 363], p. 481.

=? *Discosoma ambonensis* Kwietniewski, 1898 [Ref. 125], p. 387, 410–412, 413 (original description).

Discosomoides tapetum Ehr.: Haddon, 1898 [Ref. 363], p. 469–470.

Isacmaea Tapetum H. u. E.: Carlgren, 1899 [Ref. 152], p. 15.

Stoichactis tapetum (Ehr.): Carlgren, 1900 [Ref. 195], p. 74–77 [94–97].

Stoichactis laevis Lager, 1911 [Ref. 127], p. 240–241 (original description).

Stoichactis australis Lager, 1911 [Ref. 127], p. 241–243 (original description).

Stoichactis ambonensis Kwiet.: Stephenson, 1922 [Ref. 451], p. 299.

[*non*] *Stoichactis ambonensis* (Kwiet.): Pax, 1924 [Ref. 415], p. 14–15.

Stoichactis rupicola (Verrill 1869): Carlgren, 1949 [Ref. 31], p. 73.

Stichodactyla tapetum (Ehrenberg, 1834): Dunn, 1981 [Ref. 325], p. 5, 73–78, 90, 106, 108.

***tecta*, *Edwardsia* Haddon, 1889**

Also in synonymy of ***Edwardsia delapiae* Carlgren & Stephenson, 1928**

Described from x2 *ex* two localities.

Type specimens: syntype *not found*: Ireland, off County Kerry, 5–8 miles west of the Great Skellig; syntype *not found*: Ireland, County Cork, Nymph Bank, 28 miles SW of Ballycotton

Synonymy: *Edwardsia tecta* Haddon, 1889 [Ref. 362], p. 329–331 (original description). *nomen dubium* according to Williams, 1981 [Ref. 491], p. 349.

Edwardsa [*sic*] *tecta* Hadd.: Collings, 1938 [Ref. 1351], p. 26.

***temasek*, *Synpeachia* Yap, Fautin, Ramos, & Tan, 2014**

Described from x8.

Type specimens: RMB ZRC.CNI.0710: holotype, Singapore, Changi region beach; RMB ZRC.CNI.0082: 1 paratype, Singapore, Changi region beach; RMB ZRC.CNI.0578: 1 paratype, Singapore, Changi region beach; RMB ZRC.CNI.0579: 1 paratype, Singapore, Changi region beach; RMB

ZRC.CNI.0709: 1 paratype, Singapore, Changi region beach; RMB ZRC.CNI.0711: 1 paratype, Singapore, Changi Ferry Terminal beach; RMB ZRC.CNI.1005: 1 paratype, Singapore, Changi Ferry Terminal beach; USNM 1227860: 1 paratype, Singapore, Changi Ferry Terminal beach

Synonymy: *Synpeachia temasek* Yap, Fautin, Ramos, & Tan, 2014 [Ref. 5590], p. 448–453 (original description).

templetonii, *Actinia* Couch, 1844

Valid name: *Cereus pedunculatus* (Pennant, 1777)

Described from unspecified number >1.

Type specimens: syntypes *not found*: UK, England, Cornwall

***tenebrosa*, *Actinia* Farquhar, 1898**

Described from unspecified number >1.

Type specimens: CM 3271: 11 syntypes, New Zealand, North Island, near Wellington

Synonymy: *Actinia tenebrosa* Farquhar, 1898 [Ref. 75], p. 527, 535–536 (original description).

Actinia equina Linnaeus, 1767: Blackburn, 1937 [Ref. 795], p. 369.

Actinia tenebrosa [sic] Farquhar, 1898: Uchida & Soyama, 2001 [Ref. 1832], p. 142, 150, 154.

tenuicollis, *Paractis* McMurrich, 1904

Type species of *Pseudoparactis* by monotypy.

Valid name: *Pseudoparactis tenuicollis* (McMurrich, 1904)

Described from x4 ("No. 256b")

Type specimens: syntypes *not found*: Chile, Los Lagos, Calbuco (Plate Expedition)

***tenuicollis*, *Pseudoparactis* (McMurrich, 1904)**

Synonymy: *Paractis tenuicollis* McMurrich, 1904 [Ref. 391], p. 243–244 (original description).

Pseudoparactis tenuicollis McMurrich, 1904: Stephenson, 1920 [Ref. 449], p. 557.

***teres*, *Halcampaster* Carlgren, 1938**

Type species of *Halcampaster* by monotypy.

Described from x4.

Type specimens: NRS 4034: 2 syntypes, South Africa, East London, Shelly Beach

Synonymy: *Halcampaster teres* Carlgren, 1938 [Ref. 283], p. 24–25 (original description).

ternatana, *Phellia* Kwietniewski, 1896

Valid name: *Telmatactis ternatana* (Kwietniewski, 1896)

Described from x3.

Type specimens: SMF 100: 3 syntypes, Indonesia, Moluccas, Ternate Island

***ternatana*, *Telmatactis* (Kwietniewski, 1896)**

Synonymy: *Phellia ternatana* Kwietniewski, 1896 [Ref. 397], p. 388–389 (original description).

Phellia Ternatana Kwietn.: Haddon, 1898 [Ref. 363], p. 453.

Phellia ernatana [sic] [no author]: Kwietniewski, 1898 [Ref. 125], p. 398.

Telmatactis ternatana (Kwietniewski 1897): Carlgren, 1949 [Ref. 31], p. 91.

Telmatactis ternate [sic] (Kwietniewski, 1897): Chintiroglou, Doumenc, & Foubert, 1989 [Ref. 51], p. 17, 18, 20, 26, 35–37.

***texaensis*, *Aiptasiomorpha* Carlgren & Hedgpeth, 1952**

Described from x6 *ex* four localities.

Type specimens: USNM 49993: holotype, USA, Texas, Gulf of Mexico, Aransas Bay, Rockport; USNM 49995: 4 paratypes, USA, Louisiana, Bay Chêne Fleuri; USNM 49992: 1 paratype, USA, Texas, Gulf of Mexico, Aransas Bay, Rockport; USNM 49994: 3 (?) paratypes, USA, Texas, Gulf of Mexico, Aransas Bay; 2 paratypes *not found*: USA, Texas, Gulf of Mexico, Port Aransas

Synonymy: *Aiptasiomorpha texaensis* Carlgren & Hedgpeth, 1952 [Ref. 307], p. 144, 147, 165–166 (original description).

Aiptasiomorpha [*sic*] *texaensis* Carlgren and Hedgpeth: Hedgpeth, 1954 [Ref. 113], p. 290.

***texaensis*, *Anthopleura* (Carlgren & Hedgpeth, 1952)**

Synonymy: *Bunodactis texaensis* Carlgren & Hedgpeth, 1952 [Ref. 307], p. 147, 155, 156 (original description).

Bunodactis texaensis [*sic*] Carlgren and Hedgpeth 1952: Dunn, Chia, & Levine, 1980 [Ref. 339], p. 2077.

=? *Anthopleura varioarmata* Watzl: Belém & Monteiro, 1981 [Ref. 17], p. 193–203.

Anthopleura texaensis (Carlgren and Hedgpeth, 1952): Daly & den Hartog, 2004 [Ref. 4891], p. 401–403, 406, 410–414, 417–418.

texaensis, *Bunodactis* Carlgren & Hedgpeth, 1952

Valid name: ***Anthopleura texaensis* (Carlgren & Hedgpeth, 1952)**

Described from holotype, x1 paratype.

Type specimens: USNM 49988: holotype, USA, Texas, Gulf of Mexico, Galveston; paratype *not found*: USA, Texas, Gulf of Mexico, Port Aransas, near Bell Buoy

thallia, *Actinia* Gosse, 1854

Valid name: ***Anthopleura thallia* (Gosse, 1854)**

Described from x12.

Type specimens: syntypes *not found*: UK, England, Pembrokeshire, Lydstep, east side of the Droch

***thallia*, *Anthopleura* (Gosse, 1854)**

Synonymy: *Actinia thallia* Gosse, 1854 [Ref. 93], p. 283–284 (original description).

Bunodes thallia [no author]: Gosse, 1855 [Ref. 95], p. 274.

Cereus thalia [*sic*] [no author]: Milne Edwards, 1857 [Ref. 508], p. 266–267.

Bunodactis thallia (Gosse): Verrill, 1899 [Ref. 470], p. 42.

Anthopleura thallia (Gosse): Stephenson, 1928 [Ref. 504], p. 110.

thelcteria, *Anemonia* Pax, 1907

Valid name: ***Pseudactinia infecunda* (McMurrich, 1893)**

Described from unspecified number.

Type specimens: MNB 4752: 30 syntypes, Namibia, Lüderitz Bay; MPUW MZW 74: 3 syntypes, Namibia, Lüderitz Bay

thompsoni, *Actinia* Coughtrey, 1875

Valid names used: ***Epiactis neozealandica* Stephenson, 1918; *Epiactis thompsoni* (Coughtrey, 1875)**

Described from unspecified number.

Type specimens: syntypes *not found*: New Zealand, South Island, Port Chalmers, Deborah Bay

***thompsoni*, *Epiactis* (Coughtrey, 1875)**

Synonymy: *Actinia thompsoni* Coughtrey, 1875 [Ref. 40], p. 280 (original description).

Leiotelia thompsoni [no author]: Stuckey, 1909 [Ref. 243], p. 370–372.

=? *Epiactis novo-zealandica* Stephenson, 1918 [Ref. 448], p. 24–27 (original description).

Epiactis thompsoni Coughtrey: Stephenson, 1922 [Ref. 451], p. 274.

Epiactis Thompsoni (Cough.): Carlgren, 1924 [Ref. 208], p. 221–224.

Epiactis Thomsoni [*sic*] (Coughtrey 1874): Carlgren, 1949 [Ref. 31], p. 58.

Epiactis thomsoni [*sic*] (Coughtrey): Cutress, 1971 [Ref. 315], p. 83, 84, 85.

***tilesii*, *Actinia* Milne Edwards, 1857**

Described from unspecified number >1.

Type specimens: syntypes *not found*: Atlantic Ocean, Canary Islands, Tenerife, Puerto d'Orotava

Synonymy: *Actinia* [no author]: Telesius, 1826 [Ref. 6186], p. 119.

Actinia tilesii Milne Edwards, 1857 [Ref. 508], p. 244 (original description).

Uncertain genus *Tilesii* M. Edw.: Andres, 1883 [Ref. 6170], p. 581–582.

***timida*, *Actinia* Verrill, 1868**

Described from unspecified number.

Type specimens: syntypes *not found*: China, Hong Kong harbor

Synonymy: *Actinia timida* Verrill, 1868 [Ref. 460], p. 321 [7] (original description).

***timida*, *Edwardsia* de Quatrefages, 1842**

Also in synonymy of *Edwardsia clapedii* (Panceri, 1869) and *Scolanthus callimorphus* Gosse, 1853

Described from unspecified number >1.

Type specimens: syntypes *not found*: English Channel, Chausey

Synonymy: *Edwardsia timida* de Quatrefages, 1842 [Ref. 193], p. 70–71 (original description).

Edwardsia Harassi de Quatrefages, 1842 [Ref. 193], p. 71–72 (original description).

Edwardsia Harassii [*sic*] [no author]: Milne Edwards, 1857 [Ref. 508], p. 286.

Edwardsia harassei [*sic*] Quatrefages: Fischer, 1874 [Ref. 78], p. 203.

Edwardsia Harassei [*sic*] [no author]: Fischer, 1874 [Ref. 78], p. 197, 237, 239.

Edwardsiella Harassii [*sic*] Quatr.: Andres, 1883 [Ref. 6170], p. 307–308.

Edwardsiella timida [no author]: Carlgren, 1892 [Ref. 550], p. 454, 461.

Milne-Edwardsia dixonii Carlgren, 1921 [Ref. 196], p. 59 (original description).

Edwardsia delapiae Carlgren & Stephenson, 1928 [Ref. 571], p. 9–10, 23–24 (original description).

Edwardsia callianthus Rawlinson, 1935 [Ref. 565], p. 130–145 (original description).

Milne [*sic*] *Dixonii* Carl.: Collings, 1938 [Ref. 1351], p. 26.

Fagesia dixonii (Carlgren 1921): Carlgren, 1949 [Ref. 31], p. 25.

Edwardsioides timida de Quatrefages, 1843: England, 1987 [Ref. 63], p. 218.

***timida*, *Octophellia* (Andres, 1881)**

Synonymy: *Phellia timida* Andres, 1881 [Ref. 4], p. 308, 327, 341 (original description).

Octophellia timida Andr.: Andres, 1883 [Ref. 6170], p. 328–329.

***timida*, *Phellia* Andres, 1881**

Type species of *Octophellia* by subsequent designation: herein.

Valid name: ***Octophellia timida* (Andres, 1881)**

Described from x1.

Type specimen: holotype *not found*: Italy, Naples, Bendapalumbi

Comment: Considered a *nomen nudum* by Daly & Goodwill (2009): their concern was taxonomic but the description contains features purported to differentiate the species so this name does not meet the definition of a *nomen nudum* in the glossary of the International Code of Zoological Nomenclature.

***tintrix*, *Edwardsia* Annandale, 1915**

Described from x7 (inferred).

Type specimens: IM 6819/7: 7 syntypes (inferred), India, Bengal, Chilka Lake

Synonymy: *Edwardsia tintrix* Annandale, 1915 [Ref. 6], p. 69: 92–95 (original description).

Edwardsia tintrix [*sic*] [no author]: Parulekar, 1966 [Ref. 6162], p. 36.

***tongana*, *Actinia* Quoy & Gaimard, 1833**

Described from unspecified number.

Type specimens: syntypes *not found*: Tonga [Friendly Isles]

Synonymy: *Actinia Tongana* Quoy & Gaimard, 1833 [Ref. 194], p. 163 (original description).

Actinia Tungana [*sic*] Quoy et Gaim.: Deshayes & Milne Edwards, 1840 [Ref. 68], p. 422.

Actinia tongana [no author]: Andres, 1883 [Ref. 6170], p. 592. *species delendae*

***torpedo*, *Actinecta* (Bell, 1886) new combination**

Synonymy: *Minyas torpedo* Bell, 1886 [Ref. 659], p. 114–115 (original description).

Stichophora torpedo Bell: Haddon, 1898 [Ref. 363], p. 398, 464

Actinecta torpedo (Bell, 1886): new combination herein.

torpedo, *Minyas* Bell, 1886

Valid name: ***Actinecta torpedo* (Bell, 1886)** new combination

Described from x1.

Type specimen: holotype *not found*: Indian Ocean, islands to the north-west of Australia

***torquata*, *Ilyactis* Andres, 1881**

Type species of *Ilyactis* by monotypy.

Described from unspecified number.

Type specimens: syntypes *not found*: Italy, Naples, Pausilypo

Synonymy: *Ilyactis torquata* Andres, 1881 [Ref. 4], p. 307, 326, 340 (original description).

Comment: Considered a *nomen nudum* by Daly & Goodwill (2009): their concern was taxonomic but the description contains features purported to differentiate the species so this name does not meet the definition of a *nomen nudum* in the glossary of the International Code of Zoological Nomenclature.

***triangulus*, *Scolanthus* Daly & Ljubenkov, 2008**

Described from holotype, many paratypes.

Type specimens: CAS 175210: holotype, USA, California, San Diego (Bight 03 sta. 4633); CAS 175207: 2 paratypes, USA, California, San Diego (Bight 03 sta. 4633); CAS 175208: 3 paratypes, USA, California, San Diego (Bight 03 sta. 4086); CAS 175209: 2 paratypes, USA, California, San Diego (Bight 03 sta. 4419); CAS 175204: 3 paratypes, USA, California, San Diego (Bight 03 sta. 4035)

Synonymy: *Scolanthus triangulus* Daly & Ljubenkov, 2008 [Ref. 5980], p. 1, 3, 17, 21, 22, 24 (original description).

tricapitata, *Siphonactinia* Andres, 1883

Valid name: ***Peachia hastata* Gosse, 1855**

Described from x1(?).

Type specimen: holotype *not found*: Italy, Naples, near Barbajam

Comment: For a specimen(?) Andres (1881) had identified as *Peachia triphylla*. Because Andres was naming only those specimens, not the entire species, not a *nomen novum* (as Andres termed it) in sense of the International Code of Zoological Nomenclature.

tricirrata, *Aureliania* Carlgren & Stephenson, 1929

Valid name: ***Capnea georgiana* (Carlgren, 1927)**

Described from x1.

Type specimen: AM G13426: holotype, 65°48'S, 137°32'E (Australasian Antarctic Expedition 1911-14 sta. 4)

tricolor, *Actinia* Le Sueur, 1817

Valid name: ***Calliactis tricolor* (Le Sueur, 1817)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: Caribbean Sea, Lesser Antilles, Barbados

***tricolor*, *Calliactis* (Le Sueur, 1817)**

Synonymy: *Actinia tricolor* Le Sueur, 1817 [Ref. 128], p. 171 (original description).

Actinia bicolor Le Sueur, 1817 [Ref. 128], p. 171 (original description). senior homonym

[*non*] *Actinia bicolor* Lesson, 1830 [Ref. 123], p. 78–79 (original description). junior primary homonym

Cereus bicolor [no author]: Milne Edwards, 1857 [Ref. 508], p. 273.

Adamsia tricolor [no author]: Milne Edwards, 1857 [Ref. 508], p. 281.

Adamsia Egletes Duchassaing & Michelotti, 1864 [Ref. 322], p. 40 (original description).

Adamsia egletes [no author]: Duchassaing & Michelotti, 1866 [Ref. 1804], p. 134.

Adamsia Tricolor [no author]: Duchassaing, 1870 [Ref. 1674], p. 21.

Adamsia bicolor Les.: Andres, 1883 [Ref. 6170], p. 388.

Calliactis bicolor (Les.): Haddon, 1898 [Ref. 363], p. 457.

Calliactis Egletes (D. & M.): Haddon, 1898 [Ref. 363], p. 457.

Calliactis tricolor (Les.): Haddon, 1898 [Ref. 363], p. 457.

tricolor, *Edwardsia* Stuckey, 1909

Valid name: ***Edwardsia neozelanica* Farquhar, 1898**

Type specimens of a *nomen novum* are those of the species whose name is replaced (International Code of Zoological Nomenclature Article 72.7).

Comment: Replacement name (International Code of Zoological Nomenclature Article 60) for junior primary homonym *Edwardsia elegans* Farquhar (1898).

triphyllo, *Peachia* Gosse, 1860

Valid names used: ***Peachia cylindrica* (Reid, 1848); *Peachia hastata* Gosse, 1855**

Described from x1.

Type specimen: holotype *not found*: UK, Channel Islands, Guernsey

***triste*, *Entacmaea* (Carlgren, 1900) new combination**

Synonymy: *Gyrostoma triste* Carlgren, 1900 [Ref. 195], p. 36–38 [56–58] (original description).

Gyrostoma triste Carlgr.: Pax, 1907 [Ref. 402], p. 45, 48.

Entacmaea triste (Carlgren, 1900): new combination herein.

triste, *Gyrostoma* Carlgren, 1900

Valid name: ***Entacmaea triste* (Carlgren, 1900) new combination**

Described from x1.

Type specimen: ZMH C2626: holotype, East Africa, Tanzania, Zanzibar, Kokotoni, Tumbatu Reef

troglydites, *Actinia* Johnston, 1847

Valid names used: ***Sagartia troglydites* (Price in Johnston, 1847); *Sagartiogeton undatus* (Müller, 1778)**

Described from numerous individuals.

Type specimens: syntypes *not found*: UK, England, Cornwall; syntypes *not found*: UK, Scotland, Moray Firth; syntypes *not found*: UK, England, Northumberland, Berwick Bay; syntypes *not found*: UK, Isle of Man

***troglydites*, *Sagartia* (Price in Johnston, 1847)**

Synonymy: [*non*] *Actinia viduata* Müller, 1776 [Ref. 167], p. 231 (original description).

[*non*] *Actinia undata* Müller, 1778 [Ref. 169], p. 30 (original description).

[*non*] *Actinia Aurora* Quoy & Gaimard, 1833 [Ref. 194], p. 141–142 (original description). senior homonym

Actinia viduata [no author]: Couch, 1844 [Ref. 774], p. 75–76.

Actinia troglydites Price in Johnston, 1847 [Ref. 694], p. 216–217, 225 (original description).

Actinia explorator Dalyell, 1848 [Ref. 672], p. 227–228 (original description).

Actinea [*sic*] *troglydites* Johnston: Cocks, 1851 [Ref. 36], p. 6.

Actinia Troglydites Johnston: Landsborough, 1852 [Ref. 383], p. 244–245.

Actinia aurora Gosse, 1854 [Ref. 93], p. 280–281 (original description). junior primary homonym

Sagartia Troglydites [no author]: Gosse, 1855 [Ref. 95], p. 274.

Scolanthus sphaeroïdes Holdsworth, 1855 [Ref. 6125], p. 85–86 (original description).

Edwardsia sphaeroïdes [no author]: Gosse, 1855 [Ref. 6111], p. 31, 202.

Actinia ornata Holdsworth, 1855 [Ref. 116], p. 236–237 (original description). senior homonym

Sagartia Aurora [no author]: Gosse, 1855 [Ref. 95], p. 274.

Sagartia troglydites [no author]: Tugwell, 1856 [Ref. 452], p. 38, 51, 55, 92, 108.

Actinia Aurora [no author]: Tugwell, 1856 [Ref. 452], p. 57

[*non*] *Actinia ornata* Wright, 1856 [Ref. 663], p. 70–72 (original description). junior primary homonym

Cereus aurora [no author]: Milne Edwards, 1857 [Ref. 508], p. 266.

Phellia murocineta Gosse, 1858 [Ref. 97], p. 193–194 (original description).

Sagartia ornata (Holdsworth): Gosse, 1858 [Ref. 96], p. 415.

Cylista troglydites (Price.): Wright, 1859 [Ref. 949], p. 180.

[*non*] *Sagartia troglydites* Gosse: Heider, 1877 [Ref. 639], p. 367–414.

Heliactis troglydites [no author]: Andres, 1881 [Ref. 4], p. 307, 322–323, 340.

Heliactis ornata Holds.: Andres, 1883 [Ref. 6170], p. 358–359.
Cylista undata Müll.: Andres, 1883 [Ref. 6170], p. 362–364.
Scolanthus sphaeroides [no author]: Andres, 1883 [Ref. 6170], p. 598–599. *species delendae*
Heliactis venusta Gosse: Pennington, 1885 [Ref. 422], p. 151–152.
Sagartia aurora (Gosse): Dixon, 1888 [Ref. 537], p. 125–127.
Sagartia undata troglodytes Carlgren, 1893 [Ref. 145], p. 96–98, 148 (original description).
Sagartia undata (O. F. Müller): Walton, 1908 [Ref. 265], p. 220–221.
Sagartia troglodytes ornata (Holdsworth): Stephenson, 1928 [Ref. 504], p. 111.
Sagaratia [sic] troglodytes [no author]: Panikkar, 1937 [Ref. 179], p. 418.

***tropica, Metapeachia* (Panikkar, 1938)**

Synonymy: *Peachia tropica* Panikkar, 1938 [Ref. 175], p. 182–190, 191–193, 200–201 (original description).
Metapeachia tropica [no author]: Carlgren, 1943 [Ref. 305], p. 22.

tropica, Peachia Panikkar, 1938

Type species of *Metapeachia* by monotypy.

Valid name: ***Metapeachia tropica* (Panikkar, 1938)**

Described from x1.

Type specimen: holotype *not found* (ZSI W3453/1 said to be but actually voucher specimen for developmental portion of Panikkar, 1938: specimen had dried), India, Madras coast; USNM 1213074: neotype, India, Bombay, Cuffe Parade (designated by Yap *et al.*, 2014 [Ref. 5590]).

***truncata, Actinia* Müller, 1776**

Also in synonymy of *Acthelmis intestinalis* (Fabricius, 1780)

Described from unspecified number.

Type specimens: syntypes *not found*: Denmark

Synonymy: *Actinia truncata* Müller, 1776 [Ref. 167], p. 231 (original description).

Actinia truncata [no author]: Andres, 1883 [Ref. 6170], p. 587–588. *species delendae*

tuberculata, Actinea [sic] Cocks, 1851

Valid name: ***Urticina tuberculata* (Cocks, 1851)**

Described from x1.

Type specimen: holotype *not found*: UK, England, Cornwall, Falmouth

***tuberculata, Botryon* Carlgren & Hedgpeth, 1952**

Synonymy: *Botryon tuberculatus* Carlgren & Hedgpeth, 1952 [Ref. 307], p. 144, 147, 167–168 (original description).

Botryon tuberculata Carlgren & Hedgpeth, 1952: correct spelling original herein.

tuberculata, Discosoma Kwietniewski, 1898

Valid name: ***Heteractis crispa* (Hemprich & Ehrenberg *in* Ehrenberg, 1834)**

Described from x3.

Type specimens: PMJ 65: 3 syntypes, Indonesia, Moluccas Islands, Ambon [Amboina]; NRS 5581: piece of syntype, Indonesia, Moluccas Islands, Ambon [Amboina]

***tuberculata, Edwardsia* Dueben & Koren, 1847**

Described from unspecified number.

Type specimens: syntypes *not found*: Norway

Synonymy: [*non*] *Actinia clavata* Ilmoni, 1830 [Ref. 661], p. 694–699 (original description). senior homonym

Actinia clavata Rathke, 1843 [Ref. 620], p. 147–148 (original description). junior primary homonym

Edwardsia tuberculata Dueben & Koren, 1847 [Ref. 717], p. 267 (original description).

Edwardsia clavata H. Rathke: Danielssen, 1861 [Ref. 797], p. 45.

Edwardsia clavata (Rathke, 1843): Williams (1981) [Ref. 491], p. 348. *nomen dubium*

***tuberculata, Sicyonis* Carlgren, 1921**

Also in synonymy of *Parasicyonis biotrans* (Riemann-Zürneck, 1991)

Described from x12 *ex* two localities.

Type specimens: NRS 5637: 2 syntypes, Greenland, Denmark Strait (Danish Ingolf Expedition sta. 11); UCMNH *no number*: 2 syntypes, Greenland, Denmark Strait (Danish Ingolf Expedition sta. 11); UCMNH *no number*: 8 syntypes, Greenland, West Greenland, Davis Strait, Baffin Bay (Danish Ingolf Expedition sta. 32)

Synonymy: *Sicyonis tuberculata* Carlgren, 1921 [Ref. 196], p. 212–217 (original description).

tuberculata, *Stephanactis* Hertwig, 1882

Valid name: ***Stephanauge tuberculata* (Hertwig, 1882)**

Described from x1.

Type specimen: BMNH 1889.11.25.19: holotype, 35°11'N, 139°28'E (*Challenger* Expedition 1873–1876 sta. 232)

***tuberculata*, *Stephanauge* (Hertwig, 1882)**

Synonymy: *Stephanactis tuberculata*: Hertwig, 1882 [Ref. 379], p. 77–79, 116 (original description).

Amphianthus tuberculatum [no author]: Carlgren, 1925 [Ref. 203], p. 1–6.

Stephanauge tuberculata (Hertw. 1882): Carlgren, 1949 [Ref. 31], p. 100.

***tuberculata*, *Urticina* (Cocks, 1851)**

Synonymy: *Actinea tuberculata* Cocks: Cocks, 1850 [Ref. 6093], p. 94. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 12.1.

Actinea [*sic*] *tuberculata* Cocks, 1851 [Ref. 36], p. 7–8. (original description).

Tealia tuberculata (Cocks): Gosse, 1860 [Ref. 356], p. 217.

Urticina felina tuberculata [no author]: Carlgren, 1921 [Ref. 196], p. 162–168.

Tealia felina tuberculata (Cocks): Stephenson, 1928 [Ref. 504], p. 110.

Urticina tuberculata Cocks, 1850: Zamponi & Acuña, 1996 [Ref. 762], p. 3, 9.

Actinia tuberculata Cocks 1850: Sanamyan & Sanamyan, 2006 [Ref. 5638], p. 379, 388.

tuberculatus, *Botryon* Carlgren & Hedgpeth, 1952

Type species of ***Botryon*** by monotypy.

Valid name: ***Botryon tuberculata* Carlgren & Hedgpeth, 1952** for gender agreement

Described from x1.

Type specimen: USNM 49999: holotype, USA, Texas, Gulf of Mexico, Port Isabel, Ship Channel

***tuberculatus*, *Hormathianthus* Carlgren, 1943**

Type species of ***Hormathianthus*** by monotypy.

Described from "several specimens" *ex* one locality and x9 *ex* two localities.

Type specimens: NRS 3987: 3 syntypes, Vietnam, Cochinchina, Poulo Condore; NRS 3986: 5 syntypes, Cambodia, Réam; NRS 5547: 13 syntypes, Vietnam, South Annam, Bay of Nhatrang; NRS 5546: 4 syntypes, Vietnam, South Annam, Bay of Nhatrang; NRS 5546: 4 syntypes, Vietnam, Cochinchina, Poulo Condore

Synonymy: =? *Hormathia Andersoni* Haddon, 1888 [Ref. 369], p. 251–254 (original description).

=? *Hormathia andersoni* Haddon: Haddon, 1889 [Ref. 362], p. 309–310.

Hormathianthus tuberculatus Carlgren, 1943 [Ref. 305], p. 33–35 (original description).

tuberculosa, *Actinia* Quoy & Gaimard, 1833

Type species of ***Phlyctenactis*** by subsequent designation (Carlgren, 1949).

Valid name: ***Phlyctenactis tuberculosa* (Quoy & Gaimard, 1833)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: Australia, Bass Strait and Port King George

***tuberculosa*, *Phlyctenactis* (Quoy & Gaimard, 1833)**

Synonymy: *Actinecta tuberculosa* Quoy et Gaim.: de Blainville, 1830 [Ref. 94], p. 285. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 12.1.

Actinia tuberculosa Quoy & Gaimard, 1833 [Ref. 194], p. 159–160 (original description).

Actinecta tuberculosa Quoy et Gaim.: de Blainville, 1834 [Ref. 64], p. 319.
Cereus tuberculatus [no author]: Milne Edwards, 1857 [Ref. 508], p. 268.
Cystiactis tuberculosa Quoy & Gaim.: Duerden, 1895 [Ref. 540], p. 213.
Phlyctenactis retifera Stuckey, 1909 [Ref. 244], p. 396 (original description).
Cystiactis retifera Stuckey: Stephenson, 1922 [Ref. 451], p. 286.
Phlyctenactis tuberculosa (Quoy et Gaim.): Carlgren, 1945 [Ref. 282], p. 13.

***tuberosa, Exocoelactis* (Hertwig, 1882)**

Synonymy: *Polysiphonia tuberosa*: Hertwig, 1882 [Ref. 379], p. 8, 12, 56–59, 116, 118 (original description).
Exocoelactis tuberosa (R. Hertwig.): Carlgren, 1928 [Ref. 198], p. 190–192 [68–70].

tuberosa, Polysiphonia Hertwig, 1882

Type species of *Polysiphonia* by monotypy. Type species of *Exocoelactis*, which replaced *Polysiphonia*: a nominal genus and the name it replaces have the same type species (International Code of Zoological Nomenclature Article 67.8): in agreement with Carlgren (1949).

Valid name: ***Exocoelactis tuberosa* (Hertwig, 1882)**

Described from x20.

Type specimens: BMNH 1889.11.25.15: 19 syntypes, Japan, Honshu, Suruga Bay, about 35 miles S.S.W. of Omae Zaki Lighthouse (*Challenger* Expedition 1873–1876 sta. 235); NRS 1181: 1 syntype, Japan, Honshu, Suruga Bay, about 35 miles S.S.W. of Omae Zaki Lighthouse (*Challenger* Expedition 1873–1876 sta. 235)

tubicola, Bicidiopsis Verrill, 1922

Valid name: ***Peachia parasitica* (Agassiz, 1861)**

Described from x2.

Type specimen: YPM 9704: 1 syntype, USA, Maine, Eastport, Dog Island

tubicola, Myriactis Haddon, 1888

Type species of genus *Myriactis* by monotypy.

Described from x1 (considered member of order Ceriantharia).

Type specimen: MZC *no number*: holotype (in five pieces). Cataloged in order Ceriantharia.

Synonymy: *Myriactis tubicola* Haddon, 1888 [Ref. 369], p. 248–251 (original description).

Comment: Dunn (1981: 104–105) [Ref. 325] considered genus and species names *nomina dubia*, being based on more than one species, one a member of order Cerianthia.

tubicola, Phellia Koren & Danielssen, 1877

Valid name: ***Sagartiogeton tubicolus* (Koren & Danielssen, 1877)**

Described from x3.

Type specimens: MZB 563: 6? syntypes, Norway, Bergen, Korsfjord

***tubicolus, Sagartiogeton* (Koren & Danielssen, 1877)**

Synonymy: *Phellia tubicola* Koren & Danielssen, 1877 [Ref. 582], p. 77–78 (original description).

Sagartiogeton tubicolus (Dan. & Koren): Carlgren, 1942 [Ref. 197], p. 28–30.

tubulariae, Stelidiactis Danielssen, 1890

Valid name: ***Amphianthus mopseae* (Danielssen, 1890)**

Described from x1.

Type specimen: holotype *not found*: Norway (Norwegian North Atlantic Expedition 1876–1878 sta. 79)

tubulifera, Paractis Hertwig, 1882

Valid name: ***Sicyonis tubulifera* (Hertwig, 1882)**

Described from x2.

Type specimens: syntypes *not found*: 34°37'N, 140°32'E (*Challenger* Expedition 1873–1876 sta. 237)

tubulifera, *Sicyonis* (Hertwig, 1882)

Synonymy: *Paractis tubulifera* Hertwig, 1882 [Ref. 379], p. 114, 116 (original description).

Sicyonis tubulifera (Hertwig 1882): Carlgren, 1949 [Ref. 31], p. 81.

tuediae, *Bolocera* (Johnston, 1832)

Synonymy: *Actinia Tuèdiae* Johnston, 1832 [Ref. 632], p. 163–164 (original description).

Anthea Tuediae G. J.: Johnston, 1838 [Ref. 634], p. 221–228.

Anthea Tuediae [no author]: Gosse, 1855 [Ref. 6111], p. 27, 202.

Anemonia tuedia [sic] [no author]: Milne Edwards, 1857 [Ref. 508], p. 235.

Bolocera Tuediae [no author]: Gosse, 1860 [Ref. 356], p. 186–188.

Bulocera Tuediae (Johnston): Norman, 1869 [Ref. 1142], p. 318.

Bolocera Tuediae Gosse: Verrill, 1879 [Ref. 1494], p. 15.

Bolocera tuediae (Johnst.): Haddon, 1890 [Ref. 1626], p. 373, 374.

Bolocera longicornis Carlgren, 1891 [Ref. 146], p. 242–250 (original description).

Bolocera tuediae (Johnston, 1832): Kwietniewski, 1898 [Ref. 125], p. 393.

Anemonia Tuediae Milne Edw., 1857: Pax, 1907 [Ref. 402], p. 75.

[*non*] *Bolocera longicornis* Carlgren: Stephenson, 1918 [Ref. 448], p. 20–23.

Bolocera tudiae [sic] (Johnston, 1832): den Hartog, 1986 [Ref. 1254], p. 88.

Bolocera tuedia [sic] [no author]: Grebelny, 1986 [Ref. 6024], p. 87.

tuediae, Actinia Johnston, 1832

Type species of ***Bolocera*** by monotypy.

Valid name: ***Bolocera tuediae* (Johnston, 1832)**

Described from unspecified number.

Type specimens: syntypes *not found*: UK, Berwickshire

tulearensis, *Entacmaea* (Pax, 1909) new combination

Synonymy: *Gyrostoma tulearensis* Pax, 1909 [Ref. 406], p. 404 (original description).

Entacmaea tulearensis (Pax, 1909): new combination herein.

tulearensis, Gyrostoma Pax, 1909

Valid name: ***Entacmaea tulearensis* (Pax, 1909)**

Described from x2.

Type specimens: MNB 4751: 2 syntypes, Madagascar, Tuléar [Toliara]

turgida, Aiptasia Andres, 1881

Valid name: ***Aiptasia mutabilis* (Gravenhorst, 1831)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: Italy, Naples, Nisitam and S. Petri

Comment: Varieties *reticulata* and *simplex* described.

uchidai, Anthopleura unavailable

Proposed by England (1992) [Ref. 73] provisionally after 1960 (International Code of Zoological Nomenclature Article 15.1).

ultramarina, *Actinecta* (Péron & Le Sueur in Le Sueur, 1817)

Synonymy: *Actinia ultramarina* Péron & Le Sueur in Le Sueur, 1817 [Ref. 128], p. 169–170, 180, 185, 187 (original description).

Mynias cyanea Cuvier, 1817 [Ref. 1392], p. 24 (original description).

Actinecta ultramarina Lesueur: de Blainville, 1830 [Ref. 94], p. 285.

Holothuria caerulea Lesson, 1830 [Ref. 123], p. 13–14 (original description).

Stichophora cyanea Brandt, 1835 [Ref. 65], p. 17.

Minyas cyanea Cuvier: Milne Edwards & Haime, 1851 [Ref. 162], p. 14.

Phyllominyas ultramarina Les.: Andres, 1883 [Ref. 6170], p. 567.

Minyas ultramarina (Leseur 1817): Carlgren, 1949 [Ref. 31], p. 72.

ultramarina, *Actinia* Péron & Le Sueur in Le Sueur, 1817

Valid name: ***Actinecta ultramarina* (Péron & Le Sueur in Le Sueur, 1817)**

Described from unspecified number (inferred x1).

Type specimen: holotype *not found*: South Atlantic Ocean

undata, *Actinia* Müller, 1778

Valid names used: ***Actinothoe anguicoma* (Price in Johnston, 1847); *Sagartiogeton undatus* (Müller, 1778)**

Described from unspecified number.

Type specimens: syntypes *not found*: Norway, Oslo

undata, *Peachia* Gosse, 1858

Valid names used: ***Peachia cylindrica* (Reid, 1848); *Peachia hastata* Gosse, 1855**

Described from unspecified number.

Type specimens: syntypes *not found*: UK, Britain

undata troglodytes, *Sagartia* Carlgren, 1893

Valid name: ***Sagartia troglodytes* (Price in Johnston, 1847)**

Described from unspecified number.

Type specimens: syntypes *not found*: Sweden, Kattegat, Bohuslän, Gullmarfjord [Gulmarfjord]

***undatus*, *Sagartiogeton* (Müller, 1778)**

Synonymy: *Actinia undata* Müller, 1778 [Ref. 169], p. 30 (original description).

Actinia undulosa [no author]: Bosc, 1802 [Ref. 636], p. 219.

Actinia clavata Ilmoni, 1830 [Ref. 661], p. 694–699 (original description). senior homonym

Actinia Zebra Grube, 1840 [Ref. 103], p. 7–8 (original description).

[*non*] *Actinia clavata* Rathke, 1843 [Ref. 620], p. 147–148 (original description). junior primary homonym

Actinia anguicoma J. Price in Johnston, 1847 [Ref. 694], p. 218–219 (original description).

Actinea [*sic*] *troglodytes* Johnston: Cocks, 1851 [Ref. 36], p. 6.

Actinia Troglodytes Johnston: Landsborough, 1852 [Ref. 383], p. 244–245.

Sagartia Troglodytes [no author]: Gosse, 1855 [Ref. 95], p. 274.

Sagartia viduata [no author]: Gosse, 1855 [Ref. 6111], p. 28, 202.

Sagartia troglodytes [no author]: Tugwell, 1856 [Ref. 452], p. 38, 51, 55.

Bunodes clavata [no author]: Tugwell, 1856 [Ref. 452], p. 54, 91, 108.

Paractis undata [no author]: Milne Edwards, 1857 [Ref. 508], p. 250.

Cylista troglodytes (Price.): Wright, 1859 [Ref. 948], p. 118.

Cylista viduata (Müller.): Wright, 1859 [Ref. 949], p. 180–181.

Sagartia viduata troglodytes Müller: Fischer, 1874 [Ref. 78], p. 195, 216–219, 239.

Heliactis viduata [no author]: Andres, 1881 [Ref. 4], p. 306, 307, 323–324, 340.

Cylista undata Müll.: Andres, 1883 [Ref. 6170], p. 362–364.

Actinia zebra [no author]: Andres, 1883 [Ref. 6170], p. 595–596. *species delendae*

[*non*] *Sagartia undata* O. F. Müller: Carlgren, 1893 [Ref. 145], p. 94–101, 148.

Sagartia undata (O. F. Müll.): Haddon, 1898 [Ref. 363], p. 445, 450.

Actinothoe anguicoma (Price): Stephenson, 1935 [Ref. 505], p. 355–362.

Actinothoe undata (O. F. M.): Carlgren, 1940 [Ref. 281], p. 7, 40–41.

Sagartiogeton undatus (O. F. Müll.): Carlgren, 1942 [Ref. 197], p. 24–25.

Actinothoe clavata (J. Ilmoni, 1830): Pax & Müller, 1955 [Ref. 1622], p. 80–81.

Actinothoe Clavata (J. Ilmoni, 1830): Pax & Müller, 1962 [Ref. 421], p. 213–215.

Sagartiogeton undata (Müller): Teissier, 1965 [Ref. 4978], p. 52.

***uruguayensis*, *Alicia* Carlgren, 1927**

Described from x2.

Type specimens: NRS 86: 2 syntypes, Brazil, southern Brazil; MZL *no number*: 3 microscope slides of syntype, Brazil, southern Brazil

Synonymy: *Alicia uruguayensis* Carlgren, 1927 [Ref. 210], p. 18–19 (original description).

***vagabunda*, *Iosactis* Riemann-Zürneck, 1997**

Type species of *Iosactis* by monotypy.

Described from x51.

Type specimens: BMNH 1999.2346: 44 microscope slides of holotype, Northeast Atlantic Ocean, Porcupine Abyssal Plain (sta. 52701#21); BMNH 1999.2347-2357: 11 paratypes, Northeast Atlantic Ocean, Porcupine Abyssal Plain (sta. 52701#21); ZMH C11665: 17 paratypes, Northeast Atlantic Ocean, Porcupine Abyssal Plain

Synonymy: *Iosactis vagabunda* Riemann-Zürneck, 1997 [Ref. 651], p. 1014–1024 (original description).

vagans, *Actinia* Lesson, 1830

Valid name: ***Petalactis vagans* (Lesson, 1830)**

Described from unspecified number.

Type specimens: syntypes *not found*: New Guinea

vagans, *Anemonia* Risso, 1826

Valid name: ***Anemonia sulcata* (Pennant, 1777)**

Described from unspecified number.

Type specimens: syntypes *not found*: France, Mediterranean coast, near Nice

***vagans*, *Petalactis* (Lesson, 1830)**

Synonymy: *Actinia vagans* Lesson, 1830 [Ref. 123], p. 80–81 (original description).

Actinia (Monostephanus) vagans Lesson: Brandt, 1835 [Ref. 65], p. 10.

Petalactis vagans Less.: Andres, 1883 [Ref. 6170], p. 570, 573. *incertae sedis*

***vagrans*, *Anthothoe* (Stuckey, 1909)**

Synonymy: *Sagartia vagrans* Stuckey, 1909 [Ref. 244], p. 384 (original description).

Thoe vagrans (Stuck.): Carlgren, 1924 [Ref. 208], p. 246–250.

Anthothoë vagrans (Stuckey 1909b): Carlgren, 1949 [Ref. 31], p. 103.

Actinothoe vagrans Stuckey, 1909: Parry, 1951 [Ref. 181], p. 89.

Anthothoe vagrans (Stuckey), 1909: Parry, 1952 [Ref. 182], p. 131–132.

vagrans, *Sagartia* Stuckey, 1909

Valid name: ***Anthothoe vagrans* (Stuckey, 1909)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: New Zealand, North Island, Wellington Harbour; syntypes *not found*: New Zealand, North Island, Plimmerton

***valdiviae*, *Amphianthus* Carlgren, 1928**

Described from x2.

Type specimens: MNB 7191: 2 syntypes, East Africa, Somaliland (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 265)

Synonymy: *Amphianthus valdiviae* Carlgren, 1928 [Ref. 198], p. 229–231 [107–109] (original description).

***valdiviae*, *Bathydactylus* Carlgren, 1928**

Type species of *Bathydactylus* by monotypy.

Described from x1.

Type specimen: MNB 7187: holotype, 63°16.5'S, 57°51.0'E (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 152); MZL *no number*: 13 microscope slides of holotype [8 filed under *Sagartiogeton antarctica* A, 5 under *Sagartiogeton antarctica* B], 63°16.5'S, 57°51.0'E (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 152)

Synonymy: *Bathydactylus valdiviae* Carlgren, 1928 [Ref. 198], p. 172–175 [50–53] (original description).

***valdiviae*, *Calliactis* Carlgren, 1938**

Described from x3.

Type specimens: MNB 7229: 2 syntypes, 0°27.4'S, 42°47.3'E (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 253); 1 syntype *not found*: Indonesia, Nias Island, North Canal, 12 Sm south of Bangkam (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 202)

Synonymy: [*non*] *Calliactis polypus* (Forsk) Klunzinger.: Carlgren, 1928 [Ref. 198], p. 197–199 [75–77].
Calliactis valdiviae Carlgren, 1938 [Ref. 283], p. 77 (original description).

valdiviae, *Exocoelactis* Carlgren, 1928

Valid name: ***Exocoelactis actinostoloides* (Wassilieff, 1908)**

Described from x5 *ex* two localities.

Type specimens: MNB 7173: 1 syntype, East Africa, Somaliland (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 263); NRS 3976: 1 syntype, East Africa, Somaliland (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 263); 3 syntypes *not found*: East Africa, Somaliland (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 266)

valdiviae, *Marsupifer* Carlgren, 1901

Type species of *Marsupifer* by monotypy.

Valid name: ***Halianthella kerguelensis* (Studer, 1879)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: Kerguelen

***valdiviae*, *Paracalliactis* Carlgren, 1928**

Type species of *Paracalliactis* by monotypy.

Described from x7 *ex* four localities.

Type specimens: MNB 7198: 2 syntypes, East Africa, Somaliland (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 265); MNB 7199: 2 syntypes, East Africa, Somaliland (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 251); MNB 7178: 2 syntypes, East Africa, Somaliland (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 263); MNB 7178: 2 syntypes, East Africa, Somaliland (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 266); MZL *no number*: 4 microscope slides of syntype, East Africa, Somaliland (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 265); MZL *no number*: 4 microscope slides of syntype, East Africa, Somaliland (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 251); NRS 5687: 2 syntypes, East Africa, Somaliland (Deutschen Tiefsee-Expedition [*Valdivia*] 1898–1899 sta. 265)

Synonymy: *Paracalliactis valdiviae* Carlgren, 1928 [Ref. 198], p. 193–196 [71–74] (original description).

***valens*, *Leipsiceras* Carlgren, 1943**

Described from x1.

Type specimen: NRS 5578: holotype, Japan, Kyushu [Kyûsyû] [Kin Shin] [Kiu Shiu], Nagasaki Prefecture, Goto [Goto] Islands

Synonymy: *Leipsiceras valens* Carlgren, 1943 [Ref. 305], p. 28–30 (original description).

valleflori, *Telmatactis* Gravier, 1916

Type species of *Telmatactis* by monotypy.

Valid name: ***Telmatactis cricooides* (Duchassaing, 1850)**

Described from x5.

Type specimens: MNHN 2381: 6 syntypes, Atlantic Ocean, Gulf of Guinea, São Tomé [San Thomé], Bella Vista

vanhoeffeni, *Bunodactis* Pax, 1922

Valid name: ***Parantheopsis vanhoeffeni* (Pax, 1922)**

Described from unspecified number.

Type specimens: MNB 7208: 34 syntypes, Kerguelen, Observatory Bay (Deutsche Sudpolar-Expedition 1901–03); NRS 1172: 2 syntypes, Kerguelen, Observatory Bay (Deutsche Sudpolar-Expedition 1901–03); ZMH C5801: 2 syntypes, Kerguelen, Observatory Bay (Deutsche Sudpolar-Expedition 1901–03)

Comment: Figure 2 in Pax (1922) mislabeled *Condylactis vanhoeffeni*.

***vanhoeffeni*, *Parantheopsis* (Pax, 1922)**

Synonymy: *Bunodactis vanhoeffeni* Pax, 1922 [Ref. 413], p. 78–79 (original description).

Bunodactis vanhoeffeni Pax: Pax, 1926 [Ref. 404], p. 4, 5, 19–22, 26.

Parantheopsis vanhoeffeni (Pax 1922): Carlgren, 1949 [Ref. 31], p. 63.

***varia*, *Pseudactinia* Carlgren, 1938**

Described from >28.

Type specimens: NRS 5657: 6 syntypes, South Africa, East London, Shelly Beach; NRS 5653: 4 syntypes, South Africa, Cape Peninsula, Oudekraal [Oude Kraal]; NRS 5659: 2 syntypes, Atlantic Ocean, Saint Helena, Jamestown; NRS 5658: 4 syntypes, South Africa, East London, Shelly Beach; NRS 5654: 1 syntype, South Africa, Eastern Cape, East London; NRS 5656: 3 syntypes, South Africa, Still Bay; NRS 5655: 11 syntypes, South Africa, False Bay, St. James; UCMNH *no number*: 1 syntype, South Africa, Cape Barracouta, 10 miles west; 1 syntype *not found*: South Africa, False Bay; several syntypes *not found*: South Africa, Port Elizabeth, Humewood Beach; 1 syntype *not found*: South Africa, Plettenberg Bay (Deutschen Tiefsee-Expedition [Valdivia] 1898–1899 sta. 99b); 1 syntype *not found*: South Africa, False Bay, St. James; syntypes *not found*: South Africa, southern part of Agulhas Bank (Deutschen Tiefsee-Expedition [Valdivia] 1898–1899 sta. 105); syntypes *not found*: South Africa, Eastern Cape, East London

Synonymy: [*pro parte*] *Pseudactinia flagellifera* (R. Hertw.): Carlgren, 1928 [Ref. 198], p. 153–157 [31–35].

Pseudactinia varia Carlgren, 1938 [Ref. 283], p. 57–59 (original description).

Comment: Name pertains to specimens identified as *Pseudactinia flagellifera* by Carlgren (1928) from the German Deep Sea Expedition. Because Carlgren (1938) was naming only those specimens, not the entire species, not a *nomen novum* (Carlgren termed it a “nov. nom.”) in sense of the International Code of Zoological Nomenclature.

***variabilis*, *Actinostella* (Hargitt, 1911)**

Synonymy: *Cradactis variabilis* Hargitt, 1911 [Ref. 105], p. 52–53 (original description).

Actinostella variabilis Hargitt, 1911: Häussermann, 2003 [Ref. 1881], p. 179.

variabilis, *Cradactis* Hargitt, 1911

Valid names used: *Actinostella variabilis* (Hargitt, 1911); *Lebrunia danae* (Duchassaing & Michelotti, 1860)

Described from unspecified number.

Type specimens: syntypes *not found*: USA, Florida, Gulf of Mexico, Dry Tortugas

***variabilis*, *Sicyonis* Carlgren, 1921**

Described from x9.

Type specimens: NRS 5636: 2 syntypes, North Atlantic (Danish Ingolf Expedition sta. 78); UCMNH *no number*: 7 syntypes, North Atlantic (Danish Ingolf Expedition sta. 78)

Synonymy: *Sicyonis variabilis* Carlgren, 1921 [Ref. 196], p. 218–221 (original description).

***varians*, *Actinia* Müller, 1806**

Also in synonymy of *Metridium dianthus* (Ellis, 1767) and *Metridium senile* (Linnaeus, 1761)

Described from unspecified number.

Type specimens: syntypes *not found*: Norway, near Bergen

Synonymy: *Actinia varians* Müller, 1806 [Ref. 590], p. 9–10 (original description).

Actinia varians [no author]: Andres, 1883 [Ref. 6170], p. 589. *species delendae*

***variegata*, *Calliactis* Verrill, 1869**

Described from unspecified number.

Type specimen: MZL *no number*: 1 microscope slide of syntype, Panama, Golfo de Panama [Gulf of Panama, Bay of Panama]

Synonymy: *Calliactis variegata* Verrill, 1869 [Ref. 458], p. 481–482 (original description).

***varioarmata*, *Anthopleura* Watzl, 1922**

Described from x23.

Type specimens: MZL 179: 21 syntypes, Bahamas, Andros, Mastic Point; MZL *no number*: 6 microscope slides of syntype, Bahamas, Andros, Mastic Point; NHMG Anthoz. 47: 1 syntype, Bahamas, Andros, Mastic Point

Synonymy: *Anthopleura varioarmata* Watzl, 1922 [Ref. 479], p. 33–36, 75 (original description).

Anthopleura vario-armata Watzl 1922: Carlgren, 1949 [Ref. 31], p. 53.

Anthopleura variarmata [sic] Watzl, 1922: Zamponi, Belém, Schlenz, & Acuña, 1998 [Ref. 752], p. 36, 38, 40.

***vas*, *Actinia* Quoy & Gaimard, 1833**

Type species of *Metactis* by monotypy. Type species of *Melactis* by subsequent designation (den Hartog, 1980) [Ref. 378].

Valid name: ***Entacmaea quadricolor* (Leuckart in Rüppell & Leuckart, 1828)**

Described from unspecified number.

Type specimens: syntypes *not found*: Solomon Islands, Santa Cruz Islands, Vanikoro

***vas*, *Glyphoperidium* Roule, 1909**

Valid name: ***Glyphoperidium bursa* Roule, 1909**

Described from x5: x6 collected on the Charcot Antarctic Expedition (2 in each of 3 lots) found November 1996 in MNHN. The single specimen of *Glyphoperidium bursa* (senior subjective synonym of *G. vas*) was not found: from the same place, so likely one of these.

Type specimens: MNHN 2016: 2 syntypes, Antarctica, Booth-Wandell Island; MNHN 2388: 2 syntypes, Antarctica, Booth-Wandell Island; MNHN 2389: 2 syntypes, Antarctica, Booth-Wandell Island

***vectensis*, *Nematostella* Stephenson, 1935**

Type species of *Nematostella* by original designation.

Described from unspecified large number.

Type specimens: NRS 4874: 14+ syntypes, UK, England, Isle of Wight, Bembridge

Synonymy: *Nematostella vectensis* Stephenson, 1935 [Ref. 505], p. 44–52 (original description).

Nematostella pellucida Crowell, 1946 [Ref. 544], p. 58–60 (original description).

***vegae*, *Edwardsia* Carlgren, 1921**

Described from x1.

Type specimen: MZL *no number*: 4 microscope slides of holotype, Siberia, Arctic Ocean, off Pittlekaj (*Vega* Expedition 1879 sta. 1002)

Synonymy: *Edwardsia vegae* Carlgren, 1921 [Ref. 196], p. 53–54 (original description).

Edwardsioides vegae Carlgren, 1921: England, 1987 [Ref. 63], p. 218.

***vegae*, *Halcampa* Carlgren, 1921**

Described from x1.

Type specimen: NRS 5549: ½ of holotype, Behring Sea (*Vega* Expedition sta. 1056); MZL *no number*: 2 microscope slides of holotype, Behring Sea (*Vega* Expedition sta. 1056)

Synonymy: *Halcampa vegae* Carlgren, 1921 [Ref. 196], p. 123–124 (original description).

***vegae*, *Hormathiogeton* Carlgren, 1942**

Type species of *Hormathiogeton* by monotypy.

Valid name: ***Hormathia digitata* (Müller, 1776)**

Described from x8 *ex* at least three localities.

Type specimens: NRS 5582: 2+ syntypes, Russia, Siberia, Arctic Sea, between islands of Stolbowoj and Blischni (*Vega* Expedition sta. 51); MZL L 878 / 3044: 1 syntype, Russia, Siberia, Arctic Sea, east of Taymyr Peninsula (*Vega* Expedition sta. 39 or 40); 4 syntypes *not found*: Russia, Arctic Ocean, Kara Sea (Djimpna Expedition)

Comment: See annotation of genus *Hormathiogeton*.

venusta, *Actinia* Gosse, 1854

Valid name: ***Sagartia elegans* (Dalyell, 1848)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: UK, Wales, Pembrokeshire, near Tenby

veratra, *Actinia* Drayton in Dana, 1846

Valid name: ***Aulactinia veratra* (Drayton in Dana, 1846)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: Australia, New South Wales, Wollongong (United States Exploring Expedition ["Wilkes Expedition"])

***veratra*, *Aulactinia* (Drayton in Dana, 1846)**

Synonymy: *Actinia veratra* Drayton in Dana, 1846 [Ref. 318], p. 129–130 (original description).

Phymactis veratra [no author]: Milne Edwards, 1857 [Ref. 508], p. 275.

Cribrina verruculata Lager, 1911 [Ref. 127], p. 233–234 (original description).

Bunodactis verruculata (Lager 1911): Carlgren, 1949 [Ref. 31], p. 65.

Cnidopus verater [*sic*] (Drayton): Carlgren, 1950 [Ref. 302], p. 137–138.

Cnidopus veratra (Drayton, 1848): Ottaway, 1975 [Ref. 172], p. 53, 58–59.

Aulactinia veratra [no author]: Edmands & Fautin, 1991 [Ref. 355], p. 59–67.

vermiformis, *Edwardsia* Bourne, 1916

Valid name: ***Edwardsianthus pudica* (Klunzinger, 1877)**

Described from x1 poorly preserved specimen.

Type specimen: holotype *not found*: New Caledonia [Nouvelle-Calédonie], Loyalty Islands, Uvea

vermiformis, *Phellia* Haddon, 1898

Valid name: ***Telmatactis vermiformis* (Haddon, 1898)**

Described from unspecified number.

Type specimens: syntypes *not found*: Australia, Queensland, Torres Strait, Thursday Island

***vermiformis*, *Telmatactis* (Haddon, 1898)**

Synonymy: *Phellia vermiformis* Haddon, 1898 [Ref. 363], p. 398, 453–454 (original description).

Telmatactis vermiformis (Haddon 1898): Carlgren, 1949 [Ref. 31], p. 91.

vernonia, *Capnea* Duchassaing & Michelotti, 1864

Valid name: ***Telmatactis vernonia* (Duchassaing & Michelotti, 1864)**

Described from unspecified number.

Type specimens: syntypes *not found*: Caribbean Sea, Virgin Islands, St. Thomas

***vernonia*, *Telmatactis* (Duchassaing & Michelotti, 1864)**

Synonymy: *Capnea Vernonia* Duchassaing & Michelotti, 1864 [Ref. 322], p. 33 (original description).

Phellia Vernonia V.: Verrill, 1869 [Ref. 461] (1870), p. 103 [69].

Capnæa Vernonia [no author]: Duchassaing, 1870 [Ref. 1674], p. 20.

=? *Phellia rufa* Verrill, 1900 [Ref. 474], p. 557 (original description).

Telmatactis vernonia (Duch. & Mich.): Cairns, den Hartog, & Arneson, 1986 [Ref. 1185], p. 174, 175–176.

verrilli, *Actinernus* Gravier, 1918

Valid name: *Actinoscyphia verrilli* (Gravier, 1918)

Described from x8.

Type specimens: MOM 13 0059: 8 syntypes (in 3 containers), Morocco, Atlantic Ocean, 50 miles from Mogador (Essaouira) (Prince Albert I of Monaco Campagne de 1901: *Princesse-Alice* et l'*Hirondelle* sta. 1116)

***verrilli*, *Actinoscyphia* (Gravier, 1918)**

Synonymy: *Actinernus Verrilli* Gravier, 1918 [Ref. 101], p. 6–7 (original description).

Actinoscyphia Verrilli (Gravier 1918): Carlgren, 1949 [Ref. 31], p. 84.

Actinoscyphia verrilli Gravier, 1918: Doumenc, 1975 [Ref. 48], p. 187–188.

***verrillii*, *Actinauge* McMurrich, 1893**

Also in synonymy of *Actinauge cristata* Riemann-Zürneck, 1986

Described from x15.

Type specimens: 7 syntypes *not found*: USA, California, north of Channel Islands, San Clemente Island (U.S. Fish Commission Steamer *Albatross* 1888 sta. 2839); 7 syntypes *not found*: Chile, west of Lebu (U.S. Fish Commission Steamer *Albatross* 1888 sta. 2791); 1 syntype *not found*: Ecuador, Galápagos Islands, between Santa Cruz [Indefatigable] [Chaves] and San Cristobal [Chatham] Islands (U.S. Fish Commission Steamer *Albatross* 1888 sta. 2818)

Synonymy: *Urticina nodosa* Fabr.: Verrill, 1873 [Ref. 462], p. 349.

Actinauge nodosa (Fabr.) Verrill: Verrill, 1883 [Ref. 467], p. 50–52.

=? *Actinauge nodosa tuberculosa* Verrill, 1883 [Ref. 467], p. 53 (original description).

Actinauge sp.: Haddon, 1889 [Ref. 362], p. 317–318.

Actinauge Verrillii McMurrich, 1893 [Ref. 386], p. 184–187, 188–189, 206–207 (original description as *nomen novum*).

Actinauge verrillii: McMurrich, 1893 [Ref. 386], p. 205.

Actinauge verrilli McMurrich: Hargitt, 1912 [Ref. 106], p. 249–250. *misspelled*

Actinauge Verrilli [no author]: Gravier, 1922 [Ref. 358], p. 9. *misspelled*

[*non*] *Actinauge verrillii* McMurrich: Verrill, 1922 [Ref. 477], p. 94–95.

=? *Actinauge rugosa* Verrill, 1922 [Ref. 477], p. 95–97 (original description).

[*non*] *Actinauge Verrillii* Mc Murr.: Carlgren, 1928 [Ref. 201], p. 256, 257, 260, 292.

[*non*] *Actinauge verrilli* [*sic*] (Hadd.) McMurr.: Carlgren, 1942 [Ref. 197], p. 38–39.

Comment: Proposed by McMurrich (1893) for some specimens misidentified by Verrill as *Urticina nodosa*. Because McMurrich was naming only those specimens, not the entire species, not a *nomen novum* (McMurrich termed it a “nov. nom.”) in sense of the International Code of Zoological Nomenclature.

verrillii, *Sagartia* Andres, 1883

Valid name: *Sagartia lessonii* Verrill, 1869

Type specimens of a *nomen novum* are those of the species whose name is replaced (International Code of Zoological Nomenclature Article 72.7).

Comment: Labeled n. n. (*nomen novum*) for *Actinia bicolor* Lesson, a junior homonym that Verrill had replaced with *Sagartia lessonii*. Andres changed species name because it had been used by Duchassaing in 1850 for *Urticina lessonii*. Not a replacement name in sense of International Code of Zoological Nomenclature Article 60. An unnecessary substitute name available nonetheless (International Code of Zoological Nomenclature Article 10.6).

***verrillii*, *Sagartiogeton* Carlgren, 1942**

Type specimens of a *nomen novum* are those of the species whose name is replaced (International Code of Zoological Nomenclature Article 72.7).

Synonymy: [*non*] *Phellia abyssicola* Koren & Danielssen, 1877 [Ref. 582], p. 78–79 (original description).

Sagartia abyssicola Verrill, 1882 [Ref. 1320], p. 314–315 (original description). senior homonym

[*non*] *Sagartia abyssicola* (Kor. & Dan.): Verill, 1885 [Ref. 468], p. 5334. junior secondary homonym

Sagartiogeton abyssicola (Verr.): Carlgren, 1928 [Ref. 201], p. 256, 257, 260, 301

Sagartiogeton verrillii Carlgren, 1942 [Ref. 197], p. 18–19 (original description as *nomen novum*).

Comment: Replacement name (International Code of Zoological Nomenclature Article 60), called a nov. nom. (*nomen novum*), for *Sagartia abyssicola* Verrill, 1882, which Verrill had thought questionably synonymous with *Phellia abyssicola* Koren & Danielssen.

***verrucellae*, *Peronanthus* Hiles, 1899**

Type species of *Peronanthus* by monotypy.

Described from unspecified number.

Type specimens: BMNH 1900.6.24.10: ~100 syntypes, Papua New Guinea, New Britain [Nouvelle-Bretagne], Blanche Bay; BMNH 1925.5.23.1: >50 syntypes, Papua New Guinea, New Britain [Nouvelle-Bretagne], Blanche Bay; MZC I.33735.A: many syntypes, Papua New Guinea, New Britain [Nouvelle-Bretagne], Blanche Bay

Synonymy: *Peronanthus verrucellae* Hiles, 1899 [Ref. 580], p. 203 (original description).

verrucosa, *Actinia* Pennant, 1777

Type species of *Bunodactis* by original designation.

Valid name: ***Aulactinia verrucosa* (Pennant, 1777)**

Described from unspecified number.

Type specimens: syntypes *not found*: UK, England, Cornwall

***verrucosa*, *Aulactinia* (Pennant, 1777)**

Synonymy: *Actinia Verrucosa* Pennant, 1777 [Ref. 637], p. 41 [49, 50] (original description).

Actinia gemmacea Ellis & Solander, 1786 [Ref. 71], p. 3–4 (original description).

Actinia verrucosa Gaertner: Bruguière, 1789 [Ref. 606], p. 15.

Actinia pedunculata Gaertn.: Delle Chiaje, 1823 [Ref. 1512], p. 229–231, 234, 241.

Actinocereus sessilis Gaertner: de Blainville, 1830 [Ref. 94], p. 293.

Actinia bimaculata Grube, 1840 [Ref. 103], p. 4, 5 (original description).

[*pro parte*] *Actinia Gemmacea* [no author]: Couch, 1844 [Ref. 774], p. 66, 76–78

Actinea [sic] gemmacea Gaertner: Cocks, 1850 [Ref. 6093], p. 94.

Cribrina gemmacea [no author]: Milne Edwards & Haime, 1851 [Ref. 162], p. 7.

Bunodes gemmacea [no author]: Gosse, 1855 [Ref. 95], p. 274.

Cereus gemmaceus [no author]: Milne Edwards, 1857 [Ref. 508], p. 265–266.

Cereus bimaculatus [no author]: Milne Edwards, 1857 [Ref. 508], p. 265.

Cereus gemmacea [no author]: Thompson, 1858 [Ref. 252], p. 146, 148.

Bunodes verrucosus Pennant: Fischer, 1874 [Ref. 78], p. 195, 210, 228, 239.

Bunodes gemmaceus [no author]: Andres, 1881 [Ref. 4], p. 306, 307, 308, 315–316, 338.

Bunodes verrucosa [no author]: Hertwig, 1882 [Ref. 380], p. 16.

Bunodactis verrucosa (Penn.): Verrill, 1899 [Ref. 470], p. 42.

Cribrina verrucosa (Pennant): Stephens, 1912 [Ref. 6215], p. 9.

Bunodactis gemmacea Ellis and Solander: Stephenson, 1922 [Ref. 451], p. 271.

Aulactinia verrucosa [no author]: Dunn, Chia, & Levine, 1980 [Ref. 339], p. 2078–2079.

verruculata, *Cribrina* Lager, 1911

Valid name: ***Aulactinia veratra* (Drayton in Dana, 1846)**

Described from x4.

Type specimens: MNB 5450: 2? syntypes, Australia, Western Australia, Freemantle Bay, Rottneest Island, east coast (Hamburger südwest-australischen Forschungsreise 1905 sta. 45)

***verruculatus*, *Amphianthus* Carlgren, 1942**

Described from x6 *ex* five localities and unspecified number *ex* one locality.

Type specimens: UCMNH *no number*: 1 (or only piece of) syntype, Greenland, West Greenland, Davis Strait, Baffin Bay (Danish Ingolf Expedition sta. 32); UCMNH *no number*: 2 syntypes, 65°16'N, 55°05'W (Danish Ingolf Expedition sta. 35); UCMNH *no number*: 1 syntype, 66°22'N, 57°16'W (*Tjalfe* Expedition 1909 sta. 367); UCMNH *no number*: 1 syntype, Iceland, south of Iceland (Danish

Ingolf Expedition sta. 68); UCMNH *no number*: 1 syntype, Greenland, West Greenland (Danish Ingolf Expedition sta. 27); MZL *no number*: 3 microscope slides of syntype(s), Greenland, West Greenland, Baffin Bay and Davis Strait (Godthaab Expedition sta. 143)

Synonymy: *Amphianthus verruculatus* Carlgren, 1942 [Ref. 197], p. 57–58 (original description).

Amphianthus vermiculatus Carlgren 1942: Carlgren, 1949 [Ref. 31], p. 99.

***verruculatus*, *Heteranthus* Klunzinger, 1877**

Type species of *Heteranthus* by monotypy.

Described from unspecified number >1.

Type specimens: MNB 1852: 1 syntype, Egypt, Red Sea [Mer Rouge], Koseir; NRS 4861: piece of syntype, Red Sea [Mer Rouge]

Synonymy: *Heteranthus verruculatus* Klunzinger, 1877 [Ref. 121], p. 84 (original description).

Actinothrix [*sic*] *verruculata* Klunz.: Andres, 1883 [Ref. 6170], p. 509.

Heteranthus verriculatus [*sic*] [no author]: Carlgren, 1943 [Ref. 305], p. 32.

Heteranthus verraculatis [*sic*] Klunzinger, 1877: England, 1987 [Ref. 63], p. 207.

vestita, *Edwardsia* Forbes, 1843

Valid names used: *Cerianthus lloydii* Gosse, 1859; *Cerianthus membranaceus* (Spallanzani, 1784); *Pachycerianthus solitarius* (Rapp, 1829)

Described from unspecified number.

Type specimens: syntypes *not found*: Greece, Aegean Sea, Paros

Comment: Belongs in order Ceriantharia

***vestita*, *Monactis* (Gravier, 1918)**

Synonymy: *Paractis vestita* Gravier, 1918 [Ref. 101], p. 5 (original description).

Monactis vestita (Gravier, 1918): Riemann-Zürneck, 1986 [Ref. 515], p. 8–11.

vestita, *Paractis* Gravier, 1918

Type species of *Monactis* by original designation.

Valid name: ***Monactis vestita* (Gravier, 1918)**

Described from x14 *ex* two localities.

Type specimens: MOM 13 0080: 2 syntypes, 32°28'N, 16°37'30"W (Prince Albert I of Monaco Campagne de 1905: *Princesse-Alice* et l'*Hirondelle* sta. 2044); MOM 13 0022: 11 syntypes (in 2 containers), North Atlantic Ocean (Prince Albert I of Monaco Campagne de 1895: *Princesse-Alice* et l'*Hirondelle* sta. 749)

vestita, *Phellia* Johnson, 1861

Valid name: ***Telmatactis vestita* (Johnson, 1861)**

Described from many specimens.

Type specimens: syntypes *not found*: Atlantic Ocean, Madeira Archipelago, Madeira, near Funchal

***vestita*, *Telmatactis* (Johnson, 1861)**

Synonymy: *Phellia vestita* Johnson, 1861 [Ref. 118], p. 299–300 (original description).

Telmatactis vestita Johnson 1861: Carlgren, 1949 [Ref. 31], p. 90.

***victrix*, *Artemidactis* Stephenson, 1918**

Type species of *Artemidactis* by original designation.

Described from x9 *ex* two localities.

Type specimens: BMNH 1918.5.12.17-19: 2 syntypes, Antarctica, Ross Sea (*Terra Nova* Expedition 1910 sta. 294); BMNH 1918.5.12.30: 2 syntypes, Antarctica, Ross Sea (*Terra Nova* Expedition 1910 sta. 294); BMNH 1918.5.12.26-9: 3 syntypes, Antarctica, Ross Sea (*Terra Nova* Expedition 1910 sta. 294); 1 syntype *not found*: Antarctica, entrance to McMurdo Sound (*Terra Nova* Expedition 1910 sta. 338)

Synonymy: *Artemidactis victrix* Stephenson, 1918 [Ref. 448], p. 41–46 (original description).

Artemidactis vixtrix [*sic*] Stephenson: Carlgren, 1928 [Ref. 198], p. 261, 262 [139, 140].
Artemidactis vitrix [*sic*] [no author]: England, 1971 [Ref. 60], p. 34.

viduata, *Actinia* Müller, 1776

Designation by Thompson (1858) as type species of *Paractis* invalid because species not originally included in genus so ineligible to be its type species (International Code of Zoological Nomenclature Article 69.2): also unnecessary because *Actinia impatiens* only species originally in genus.

Valid names used: *Sagartia troglodytes* (Price in Johnston, 1847); *Sagartiogeton viduatus* (Müller, 1776)

Described from unspecified number.

Type specimens: syntypes *not found*: Denmark

***viduatus*, *Sagartiogeton* (Müller, 1776)**

Synonymy: *Actinia effoeta* Linnaeus, 1767 [Ref. 130], p. 1088 (original description).

Actinia viduata Müller, 1776 [Ref. 167], p. 231 (original description).

=? *Actinia filiformis* Rapp, 1829 [Ref. 423], p. 57 (original description).

Actinia anguicomma J. Price in Johnston, 1847 [Ref. 694], p. 218–219 (original description).

Actinia explorator Dalyell, 1848 [Ref. 672], p. 227–228 (original description).

Actinea [*sic*] *viduata* Müller: Cocks, 1850 [Ref. 6093], p. 94.

Sagartia viduata [no author]: Gosse, 1855 [Ref. 95], p. 274.

Paractis explorator [no author]: Milne Edwards, 1857 [Ref. 508], p. 251.

Paractis viduata [no author]: Milne Edwards, 1857 [Ref. 508], p. 250.

Cylista viduata (Müller.): Wright, 1859 [Ref. 948], p. 118.

Heliactis viduata [no author]: Andres, 1881 [Ref. 4], p. 306, 307, 323–324, 340.

Actinothoë viduata (O. F. M.): Carlgren, 1940 [Ref. 281], p. 7, 40, 41.

Sagartiogeton viduatus (O. F. Müll.): Carlgren, 1942 [Ref. 197], p. 25–26.

***villosa*, *Actinaria* Quoy & Gaimard in de Blainville, 1830**

Type species of *Actinaria* by monotypy.

Described from unspecified number

Type specimen: MNHN 2387: 1 syntype, Tonga

Synonymy: *Actinaria villosa* Quoy et Gaimard in de Blainville, 1830 [Ref. 94], p. 288 (original description).

Actinia villosa [no author]: Quoy & Gaimard, 1833 [Ref. 194], p. 156–157.

***vincentina*, *Anthothoe* (Pax, 1922)**

Synonymy: *Calliactis Polypus* [no author]: Hertwig, 1882 [Ref. 379], p. 65–67, 116.

Adamsia rondelettii D. Ch.: Pax, 1908 [Ref. 403], p. 477 [275], 497 [295]–498 [296].

Calliactis vincentina Pax, 1922 [Ref. 413], p. 88 (original description).

Parathoe vincentina (Pax): Carlgren, 1928 [Ref. 198], p. 257–258 [135–136].

Anthothoë vincentina (Pax 1922): Carlgren, 1949 [Ref. 31], p. 103.

vincentina, *Calliactis* Pax, 1922

Valid name: ***Anthothoe vincentina* (Pax, 1922)**

Described from unspecified number.

Type specimens: MNB 7176: 1 syntype, Atlantic Ocean, Cape Verde Islands [Cape de Verdes], St. Vincent (Deutsche Sudpolar-Expedition 1901–03); MNB 7197: 2 syntypes, Atlantic Ocean, Cape Verde Islands [Cape de Verdes], St. Vincent (Deutsche Sudpolar-Expedition 1901–03); MNB *no number*: 2 pieces of syntype, Atlantic Ocean, Cape Verde Islands [Cape de Verdes], St. Vincent (Deutsche Sudpolar-Expedition 1901–03)

***vincentina*, *Epiactis* Carlgren, 1939**

Described from x1 (female).

Type specimen: RSM 1921.143.1771: holotype, Atlantic Ocean, Cape Verde Islands [Cape de Verdes], St. Vincent, Porto Grande (Scottish Natl. Antarctic Expedition 1902–1904 [Scotia Expedition])

Synonymy: *Epiactis vincentina* Carlgren, 1939 [Ref. 295], p. 792–793 (original description).

vinosa, *Paractis* McMurrich, 1893

Valid name: ***Stomphia vinosa* (McMurrich, 1893)**

Described from "many specimens."

Type specimens: USNM 17804: 260 syntypes, USA, California, north of Channel Islands, San Clemente Island (U.S. Fish Commission Steamer *Albatross* 1888 sta. 2839); NRS 1182: 2 syntypes, USA, California, north of Channel Islands, San Clemente Island (U.S. Fish Commission Steamer *Albatross* 1888 sta. 2839)

vinosa, ***Stomphia* (McMurrich, 1893)**

Synonymy: *Paractis vinosa* McMurrich, 1893 [Ref. 386], p. 151–152, 163–164, 199, 206 (original description).

Stomphia vinosa McMurrich, 1893: Stephenson, 1920 [Ref. 449], p. 559.

violacea, ***Actinia* Risso, 1826**

Described from unspecified number.

Type specimens: syntypes *not found*: France, Mediterranean Sea, Nice

Synonymy: *Actinia violacea* Risso, 1826 [Ref. 739], p. 286 (original description).

Actinia violacea [no author]: Andres, 1883 [Ref. 6170], p. 590. *species delendae*

violacea, *Phellia* Danielssen, 1890

Valid name: ***Kadosactis rosea* Danielssen, 1890**

Described from x1: according to description, another was lost.

Type specimens: MZB 591: 2 ostensible syntypes, Norwegian Sea off northern Norway; MZB 2350: 1 ostensible syntype, Norwegian Sea off northern Norway

violaceum, *Hormosoma* Pax, 1922

Valid name: ***Hormosoma scotti* Stephenson, 1918**

Described from unspecified number.

Type specimens: MNHN 2380: 1 syntype, Antarctica, South Shetland Islands, King George's Island (*Pourquoi Pas* sta. XVIII)

virgata, *Actinia* Johnson, 1861

Valid name: ***Actinia cari***

Described from unspecified number >1.

Type specimens: syntypes *not found*: Atlantic Ocean, Madeira Archipelago, Madeira, near Funchal

viridis, ***Anemonia* (Forsskål, 1775)**

Synonymy: *Priapus viridis* Forsskål, 1775 [Ref. 86], p. 102 (original description).

Actinia sulcata Pennant, 1777 [Ref. 637], p. 40 [48, 49] (original description).

Actinia viridis [no author]: Bruguière, 1789 [Ref. 606], p. 13–14.

Anthea cereus Gærtner: Johnston, 1847 [Ref. 694], p. 240–242.

Anemonia sulcata viridis [no author]: Andres, 1881 [Ref. 4], p. 313.

Anemonia sulcata (Pennant): Stephenson, 1935 [Ref. 505], p. 124–129.

Anemonia viridis (Forskål): Manuel, 1981 [Ref. 384], p. 102–103.

Anemonia [no author]: Chintiroglou & Karalis, 2000 [Ref. 811], p. 543–544.

viridis, *Priapus* Forsskål, 1775

Valid names used: ***Anemonia sulcata* (Pennant, 1777); *Anemonia viridis* (Forsskål, 1775)**

Described from unspecified number.

Type specimens: syntypes *not found*: Egypt, Mediterranean Sea, Alexandria

viridula, ***Actinecta* (Quoy & Gaimard, 1833)**

Synonymy: *Actinecta viridula* Quoy et Gaim.: de Blainville, 1830 [Ref. 94], p. 285.

nomen nudum: unavailable under International Code of Zoological Nomenclature Article 12.1.

Actinia viridula Quoy & Gaimard, 1833 [Ref. 194], p. 161–163 (original description).

Actinecta viridula [no author]: de Blainville, 1834 [Ref. 64], p. 319.
Minyas viridula [no author]: Milne Edwards, 1857 [Ref. 508], p. 229.
Acerominyas viridula Q. & Gaim.: Andres, 1883 [Ref. 6170], p. 563.

viridula, *Actinia* Quoy & Gaimard, 1833

Type species of *Acerominyas* by monotypy.

Valid name: ***Actinecta viridula* (Quoy & Gaimard, 1833)**

Described from one that divided into two.

Type specimens: syntypes *not found*: South Pacific Ocean, between New Zealand and the Friendly Islands [Tonga]

***vitrea*, *Edwardsia* (Danielssen, 1890)**

Synonymy: *Edwardsioides vitrea* Danielssen, 1890 [Ref. 321], p. 100–105 (original description).

Edwardsia vitrea (Dan.) Carlgren, 1921 [Ref. 196], p. 49–52.

vitrea, *Edwardsioides* Danielssen, 1890

Type species of *Edwardsioides* by monotypy.

Valid name: ***Edwardsia vitrea* (Danielssen, 1890)**

Described from x1.

Type specimen: MZB 618: holotype, Norway, off Lofoten (Norwegian North Atlantic Expedition 1876–1878 sta. 164);
MZL *no number*: 3 microscope slides of holotype, Norway, off Lofoten (Norwegian North Atlantic Expedition 1876–1878 sta. 164)

vittatus, *Xanthiopus* Keferstein, 1862

Valid name: ***Halcampa chrysanthellum* (Peach in Johnston, 1847)**

Described from unspecified number.

Type specimens: syntypes *not found*: France, Normandie, St. Vaast la Hougue

***vivipara*, *Edwardsia* Carlgren, 1950**

Described from x4.

Type specimens: MZL 201: 3? syntypes, Australia, South Australia, near Port Adelaide, Outer Harbour

Synonymy: *Edwardsia vivipara* Carlgren, 1950 [Ref. 303], p. 121–122 [1–2] (original description).

Edwardsioides vivipara Carlgren, 1950c: England, 1987 [Ref. 63], p. 218.

***vogtii*, *Philomedusa* Müller, 1860**

Type species of *Philomedusa* by monotypy.

Described from unspecified number >1.

Type specimens: syntypes *not found*: from “Santa Catharina,” which is not certainly the one in Brazil .

Synonymy: *Philomedusa Vogtii* Müller, 1860 [Ref. 676], p. 57–63 (original description).

Philomedusa Vogti [sic] Müll.: Andres, 1880 [Ref. 1316], p. 232.

***volva*, *Actinia* Müller, 1776**

Described from unspecified number.

Type specimens: syntypes *not found*: Denmark

Synonymy: *Actinia Volva* Müller, 1776 [Ref. 167], p. 231 (original description).

Actinia volva [no author]: Andres, 1883 [Ref. 6170], p. 586. *species delendae*

***vouliagmeniensis*, *Paranemonia* Doumenc, England, & Chintiroglou, 1987**

Described from holotype, x3 paratypes.

Type specimens: MNHN 389: holotype, Greece, Vouliagmeni Lake; BMNH 1986.3.1.1: 1 paratype, Greece, Vouliagmeni Lake; MNHN 404–405: 2 paratypes, Greece, Vouliagmeni Lake

Synonymy: *Paranemonia vouliagmeniensis* Doumenc, England, & Chintiroglou, 1987 [Ref. 52], p. 272–275 (original description).

walteri, *Actinostola* Kwietniewski, 1898

Valid name: ***Glandulactis spetsbergensis* (Carlgren, 1893)**

Described from x1.

Type specimen: PMJ 73: holotype, Svalbard, Spitsbergen, 3 miles east of Cape Melchers

***waridi*, *Anthopleura* (Carlgren, 1900)**

Synonymy: *Bunodes waridi* Carlgren, 1900 [Ref. 195], p. 46–47 [66–67] (original description).

Bunodes waridi Carlgren 1900: Krempf, 1905 [Ref. 124], p. 192.

Bunodes wardii [sic] Carlgren.: Menon, 1927 [Ref. 160], p. 35. Spelling corrected to *waridi* in unpaginated errata slip bound into volume.

Bunodactis varidi [sic] (Carlgren 1900): Carlgren, 1949 [Ref. 31], p. 65.

Bunodactis waridi Carlgren: England, 1969 [Ref. 67], p. 5.

Anthopleura waridi (Carlgren, 1900): England, 1987 [Ref. 63], p. 206, 208–209, 239, 243, 250–254.

waridi, *Bunodes* Carlgren, 1900

Valid name: ***Anthopleura waridi* (Carlgren, 1900)**

Described from x1.

Type specimen: ZMH C2594: holotype, East Africa, Tanzania, Zanzibar, Baui [Bawi] [Bawe] Island

***weneri*, *Bartholomea* Watzl, 1922**

Described from x4.

Type specimens: MZL 180: 3 syntypes, Bahamas, Andros, Mastic Point

Synonymy: *Bartholomea Weneri* Watzl, 1922 [Ref. 479], p. 60, 61, 62–66, 72, 73, 75 (original description).

Bartholomea weneri Watzl 1922: Carlgren, 1949 [Ref. 31], p. 108.

whiteavesi, *Actinopsis* unavailable

Used by Verrill, 1879 [Ref. 1495], p. 15, Whiteaves, 1901 [Ref. 6236], p. 41, but a *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 12.1.

***willeyana*, *Edwardsia* Bourne, 1916**

Described from x1.

Type specimen: holotype *not found*: Papua New Guinea, New Britain, Blanche Bay, Straits of Rakaiya

Synonymy: *Edwardsia willeyana* Bourne, 1916 [Ref. 24], p. 519 (original description). *nomen dubium* according to Williams, 1981 [Ref. 491], 349.

***williamsi*, *Cribrinopsis* Carlgren, 1940**

Described from x1.

Type specimen: USNM 43441: holotype, USA, Alaska, Humpback Bay, M.S. Stranger

Synonymy: *Cribrinopsis williamsi* Carlgren, 1940 [Ref. 296], p. 24–26 (original description).

xanthogrammica, *Actinia* Brandt, 1835

Valid name: ***Anthopleura xanthogrammica* (Brandt, 1835)**

Described from unspecified number.

Type specimens: syntypes *not found*: USA, Alaska, Sitka [Sitcha Island]

***xanthogrammica*, *Anthopleura* (Brandt, 1835)**

Synonymy: *Actinia Xanthogrammica* Brandt, 1835 [Ref. 65], p. 12–13 (original description).

Actinia artemisia Pickering in Dana, 1846 [Ref. 318], p. 149–150 (original description).

Evactis xanthogrammica Verrill: Verrill, 1869 [Ref. 458], p. 471.

Bunodes Californica Fewkes, 1889 [Ref. 77], p. 28–30 (original description).

Bunodes californica Fewkes: Carlgren, 1895 [Ref. 734], p. 285.

Anthopleura xanthogrammica (Brandt): McMurrich, 1901 [Ref. 389], p. 36–39.

Bunodactis xanthogrammica (Brandt): Torrey, 1906 [Ref. 566], p. 43–45.

Anthopleura Xanthogrammica (Brandt): Carlgren, 1934 [Ref. 291], p. 349–351.

Anthopleura xantogrammica [sic] (Brandt): Carlgren, 1945 [Ref. 282], p. 9.

Anthopleura xanthogrammica (Brandt, 1935 [sic]): den Hartog, 1987 [Ref. 109], p. 555.

Anthopleura xanthogrammaica [sic] Brandt: Isomura & Nishihira, 2006 [Ref. 5733], p. 200.

***xishaensis*, *Calliactis* Pei, 1996**

Described from x1.

Type specimen: IOC X-A024: holotype, China, Xisha Islands, Shenhang Island

Synonymy: *Calliactis xishaensis* Pei, 1996 [Ref. 1265], p. 179–182, 187 (original description).

yarrellii, *Actinea* [sic] Cocks, 1851

Valid name: ***Actinothoe? yarrellii* (Cocks, 1851)**

Described from unspecified number >1.

Type specimens: syntypes *not found*: UK, England, Cornwall, Falmouth, Gwyllyn-vase

***yarrellii*, *Actinothoe?* (Cocks, 1851)**

Synonymy: *Actinea Yarrellii* Cocks, 1850 [Ref. 6093], p. 94. *nomen nudum*: unavailable under International Code of Zoological Nomenclature Article 12.1.

Actinea [sic] *Yarrellii* Cocks, 1851 [Ref. 36], p. 10 (original description)

Sagartia Yarrellii (Cocks): Gosse, 1858 [Ref. 96], p. 416.

Thoe? Yarrellii (Cocks): Gosse, 1860 [Ref. 356], p. 354. *incertae sedis*

Actinia Yarrellii [no author]: Andres, 1883 [Ref. 6170], p. 597. *species delendae*

Actinothoe? yarrellii [sic] (Cocks): Stephenson, 1935 [Ref. 505], p. 392 (of uncertain status).

zebra, *Actinia* Grube, 1840

Valid name: ***Sagartiogeton undatus* (Müller, 1778)**

Described from unspecified number.

Type specimens: syntypes *not found*: Italy, Catania; 2 syntypes *not found*: Mediterranean Sea, Adriatic Sea, Trieste [Tergestum]

***zonata*, *Actinia* Rathke, 1836**

Described from many specimens.

Type specimens: syntypes *not found*: Ukraine, Black Sea, Crimea

Synonymy: *Actinia zonata* Rathke, 1836 [Ref. 6052], p. 140–141 (original description).

References

- Acuña, F.H., Excoffon, A.C., McKistry, S.R. & Martinez, D. (2007) [Ref. 5900] Characterization of *Aulactinia* (Actiniaria: Actiniidae) species from Mar del Plata (Argentina) using morphological and molecular data. *Hydrobiologia*, 592, 249–256. [published November 2007]
- Acuña, F.H., Excoffon, A.C. & Ricci, L. (2007) [Ref. 5790] Composition, biometry and statistical relationships between the cnidom and body size in the sea anemone *Oulactis muscosa* (Cnidaria: Actiniaria). *Journal of the Marine Biological Association of the United Kingdom*, 87, 415–419. [published 1 April 2007]
- Acuña, F.H. & Griffiths, C.L. (2004) [Ref. 4949] Species richness, endemism and distribution patterns of South African sea anemones (Cnidaria: Actiniaria & Corallimorpharia). *African Zoology*, 39, 193–200. [published October 2004]
- Acuña, F.H. & Zamponi, M.O. (1995) [Ref. 4862] Feeding ecology of intertidal sea anemones (Cnidaria, Actiniaria): food sources and trophic parameters. *Biociências*, 3, 73–84. [published December 1995]
- Adams, J. (1800) [Ref. 2] Descriptions of some marine animals found on the coast of Wales. *Transactions of the Linnean Society (London)*, 5, 7–12.
<http://dx.doi.org/10.1111/j.1096-3642.1800.tb00574.x>
- Agassiz, L. (1847) [Ref. 1571] Lettre de M. L. Agassiz à M. de Humboldt, datée de Boston, le 30 septembre 1847. *Revue Zoologique par la Société Cuvierienne*, 394–401. [source of nomenclatural acts: inferred to have been published prior to Agassiz, 1847 [Ref. 608]]
- Agassiz, L. (1847) [Ref. 608] Lettre de M. Louis Agassiz, datée de Boston, le 30 septembre 1847, adressée à M. Alexandre de Humboldt [Extrait]. *Comptes Rendus de l'Académie des Sciences, Paris*, 25, 677–682. [inferred to be an extract of Agassiz, 1847 [Ref. 1571], so published later and nomenclatural acts not original]
- Agassiz, L. (1861) [Ref. 612] On some new actinoid polyps of the coast of the United States. *Proceedings of the Boston Society of Natural History*, 7, 23–24.
- Alder, J. (1858) [Ref. 1457] A catalogue of the zoophytes of Northumberland and Durham. *Transactions of the Tyneside Naturalists' Field Club*, 3, 93–161.
- Allen, G.R. (1972) [Ref. 794] *The Anemonefishes: Their Classification and Biology*. T. F. H. Publications, Inc. Ltd., Neptune City, New Jersey, 288 pp.
- Allen, G.R. (1973) [Ref. 1273] *Amphiprion leucokranos*, a new species of pomacentrid fish, with notes on other anemonefishes of New Guinea. *Pacific Science*, 27, 319–326. [published October 1973]
- Allen, G.R. (1978) [Ref. 5105] *Die Anemonenfische: Arten der Welt; Pflege, Zucht*. Mergus-Verlag, 104 pp.
- Allman, G.J. (1846) [Ref. 686] Description of a new genus of helianthoid zoophytes. *Annals and Magazine of Natural History*, 17, 417–419. [published June 1846]
- Amaral, F.D., Hudson, M.M., da Silveira, F.L., Migotto, Á.E., Pinto, S.M. & Longo, L. (2002) [Ref. 1855] Cnidarians of Saint Peter and St. Paul Archipelago, northeast Brazil. *Proceedings of the Ninth International Coral Reef Symposium*, 1, 567–571.
- Andres, A. (1880) [Ref. 1316] Intorno all'*Edwardsia Claparedii* (Halcampa Claparedii Panc.). *Atti dell' Accademia de Lincei*, series 3, 5, 221–236. [source of nomenclatural acts: published prior to Andres (1881) [Ref. 3]]
- Andres, A. (1881) [Ref. 3] Intorno all'*Edwardsia Claparedii* (Halcampa Claparedii Panc.). *Mitteilungen aus der Zoologischen Station zu Neapel*, 2, 123–142. [nomenclatural acts not original: published after Andres (1880) [Ref. 1316]]
- Andres, A. (1881) [Ref. 4] Prodrum neapolitanae actiniorum faunae addito generalis actiniorum bibliographiae catalogo. *Mitteilungen aus der Zoologischen Station zu Neapel*, 2, 305–371. [possibly intended to be published in 1880]
- Andres, A. (1883) [Ref. 6170] Le *Attinie*. *Atti dell' Accademia de Lincei*, 14, 211–673. [content same as Andres (1883) [Ref. 144] and Andres (1884) [Ref. 1242]; source of nomenclatural acts because published prior to Andres, 1883 [Ref. 144]; see Williams 2012 [Ref. 6221]]
- Andres, A. (1883) [Ref. 144] *Le Attinie (Monografia)*. Coi Tipi der Salviucci, Roma, 460 pp. [content same as Andres (1883) [Ref. 6170] and Andres (1884) [Ref. 1242]; nomenclatural acts not original; see Williams 2012 [Ref. 6221]]
- Andres, A. (1884) [Ref. 1242] *Le Attinie (Monografia)*. Verlag von Wilhelm Engelmann, Leipzig, 459 pp. [content same as Andres (1883) [Ref. 6170] and Andres (1883) [Ref. 144]; nomenclatural acts not original; see Williams 2012 [Ref. 6221]]
- Andrews, W. (1872) [Ref. 6219] On the inhabitants of the rock-pools and caves of Dingle Bay. *Proceedings of the Natural History Society of Dublin*, 6, 16–19.
- Annandale, N. (1907) [Ref. 5] The fauna of brackish ponds at Port Canning, Lower Bengal. Part III. — An isolated race of the actinian *Metridium schillerianum* (Stoliczka). *Records of the Indian Museum*, 1, 47–74.
- Annandale, N. (1915) [Ref. 6] Fauna of the Chilka Lake. The coelenterates of the lake, with an account of the Actiniaria of brackish water in the Gangetic Delta. *Memoirs of the Indian Museum*, 5, 65–114.
- Appellöf, A. (1891) [Ref. 1324] Zur Kenntniss der Edwardsien. *Bergens Museums Aarsberetning*, 3–31.
- Appellöf, A. (1896) [Ref. 602] Die Actiniengattungen *Fenja*, *Aegir*, und *Halcampoides*. DAN. *Bergens Museums Aarboeg*, 1896, 3–16.
- Ardelean, A. (2003) [Ref. 5057] *Revision of the family Actinodendridae (Cnidaria: Actiniaria)*. Unpublished dissertation of the University of Kansas, 273 pp. [criteria of publication (Article 8 of the International Code of Zoological Nomenclature) not met by this reference; therefore, names of new taxa and other nomenclatural acts not available]
- Ardelean, A. & Fautin, D.G. (2004) [Ref. 4953] A new species of the sea anemone *Megalactis* (Cnidaria: Anthozoa: Actiniaria; Actinodendridae) from Taiwan and designation of a neotype for the type species of the genus. *Proceedings of the Biological Society of Washington*, 117, 488–504. [published 20 December 2004]
- Ardelean, A., Kervin, K., Kansakar, S. & Fautin, D.G. (2009) Syngraph: an application for graphic display and interactive use of synonym lists. *Zootaxa*, 2283, 29–39. [published 6 November 2009]
- Arellano, S.M. & Fautin, D.G. (2001) [Ref. 1829] Redescription and range extension of the sea anemone *Exocoelactis actinostoloides*

- (Wassilieff, 1908), with revision of genus *Exocoelactis* (Cnidaria, Anthozoa, Actiniaria). *Zoosystema*, 23, 645–657.
- Ates, R.M.L. (1997) [Ref. 1712] *Bloemdiereen: De Zeeanemonen En Hun Verwanten Van De Nederlandse Kust*. C. Moerman, Zeeanjer, 31 pp.
- Ates, R.M.L. (1997) [Ref. 1914] Gastropods carrying actinians. *Proceedings of the Sixth International Conference on Coelenterate Biology*, 13–20.
- Atoda, K. (1954) [Ref. 493] The development of the sea anemone, *Diadumene luciae*, reproduced by the pedal laceration. *Science Reports of the Tohoku University. Fourth series (Biology) [Tohoku Daigaku Rika Hokoku]*, 20, 123–129.
- Averincev, V.G. (1967) [Ref. 13] Actiniaria of the Possjet Bay of the Sea of Japan. *Explorations of the Fauna of the Seas — Biocoenoses of the Possjet Bay of the Sea of Japan*. Academy of Sciences of the USSR, Zoological Institute, pp. 62–77.
- Averincev, V.G. (1967) [Ref. 646] New species of Actinia (Coelenterata, Anthozoa) from Kuril Islands. *Trudy Zoologicheskogo Instituta, Akademiya Nauk SSSR*, 43, 53–58.
- Bell, F.J. (1886) [Ref. 659] Description of a new species of minyad (*Minyas torpedo*) from north-west Australia. *Journal of the Linnean Society of London (Zoology)*, 19, 114–116.
<http://dx.doi.org/10.1111/j.1096-3642.1885.tb02054.x>
- Belém, M.J.d. (1987) [Ref. 528] Anatomy and biology of *Bunodosoma caissarum* Corrêa, 1964 (Cnidaria, Anthozoa, Actiniidae). I — Systematic position and morphological and microanatomical revision. *Anais da Academia Brasileira de Ciências (Rio de Janeiro)*, 59, 275.
- Belém, M.J.d., Herrera Moreno, A. & Schlenz, E. (1996) [Ref. 703] On *Isoaulactinia stelloides* (McMurrich, 1889), n. gen., n. comb. (Cnidaria; Actiniaria; Actiniidae). *Biociências*, 4, 77–88.
- Belém, M.J.d. & Monteiro, D. (1981) [Ref. 17] Fauna de cnidários do Rio de Janeiro. III — *Anthopleura varioarmata* Watzl, 1922 (Actiniaria, Endomyaria), uma nova ocorrência de Actiniidae. *Seminários de Biologia Marinha Academia Brasileira de Ciências Rio de Janeiro*, 193–203.
- Belém, M.J.d. & Preslercravo, J.d. (1973) [Ref. 5618] Contribuições ao conhecimento da fauna de cnidários do Espírito Santo, Brasil I — Considerações sobre Actiniaria do Município de Aracruz, E. S. *Boletim do Museu de Biologia Prof. Mello Leitao*, 1–14. [published 16 December 1973]
- Bigger, C.H. (1980) [Ref. 5133] Interspecific and intraspecific acrorhagial aggressive behavior among sea anemones: a recognition of self and not-self. *Biological Bulletin*, 159, 117–134. [published 1 August 1980]
- Blackburn, M. (1937) [Ref. 795] Reports of McCoy Society for Field Investigation and Research. No. 1. Lady Julia Percy Island. 1935 Expedition. Coelenterata. *Proceedings of the Royal Society of Victoria*, 49, 364–371.
- Blackburn, M. (1948) [Ref. 21] Notes on some parasitic actinian larvae, and one of their host medusae, in Australian waters. *Journal of the Council for Scientific and Industrial Research*, 21, 183–189.
- de Blainville, H.M.D. (1824) [Ref. 1326] *Metridium*. *Dictionnaire des Sciences Naturelles*. F. G. Levrault, Strasbourg, p. 470.
- de Blainville, H.M.D. (1830) [Ref. 94] *Dictionnaire des Sciences Naturelles*. F. G. Levrault, Strasbourg and Paris, 631 pp.
- de Blainville, H.M.D. (1834) (1834–1836) [Ref. 64] *Manuel d'Actinologie ou de Zoophytologie*. F. G. Levrault, Paris and Strasbourg, 644 pp.
- Bohadsch, J.B. (1761) [Ref. 655] *De Quibusdam Animalibus Marinis*. Georg. Conrad. Walther., Dresdæ [Dresden], 169 pp.
- Bohadsch, J.B. (1776) [Ref. 660] *Beschreibung einiger minderbekanntnen Seethiere, und ihren Eigenschaften*. Waltherischen Hofbuchhandlung., Dresden, 160 pp.
- Bosc, L.A.G. (1802) [Ref. 636] *Histoire Naturelle des Vers*. Deterville, Paris, 300 pp.
- Bourne, G.C. (1916) [Ref. 24] A description of five new species of *Edwardsia*, Quatr., from New Guinea, with an account of the order of succession of the micromesenteries and tentacles in the Edwardsidae. *Journal of the Linnean Society of London (Zoology)*, 32, 513–530.
<http://dx.doi.org/10.1111/j.1096-3642.1916.tb01873.x>
- Bourne, G.C. (1918) [Ref. 25] On some new Phelliinae from New Guinea. *Quarterly Journal of Microscopical Science*, 63, 31–90. [published April 1918]
- Boveri, T. (1893) [Ref. 26] Das Genus *Gyraetis*, eine radial-symmetrische Actinienform. *Zoologische Jahrbücher Abteilung für Systematik*, 7, 241–253. [published 15 August 1893]
- Braga Gomes, P. & Zamponi, M.O. (1988) [Ref. 1256] Registro de *Phyllactis corrae* Schlenz & Belém, 1988 (Actiniaria, Actiniidae) para o litoral de Pernambuco, Brasil. *Biociências*, 6, 185–187. [published December 1988]
- Braga Gomes, P., Zamponi, M.O. & Solé-Cava, A.M. (2003) [Ref. 5789] Asexual reproduction and molecular systematics of the sea anemone *Anthopleura krebsi* (Actiniaria: Actiniidae). *Revista de Biologia Tropical*, 51, 147–154.
- Brandt, J.F. (1835) [Ref. 65] Polypos, acalephas discophoras et siphonophoras, nec non echinodermata continens. *Prodromus Descriptionis Animalium AB H. Mertensio in Orbis Terrarum Circumnavigatione Observatorum*. Sumptibus Academiae, Petropoli, 75 pp.
- Browne, P. (1756) [Ref. 681] *The Civil and Natural History of Jamaica*. T. Osborne, London. 503 pp.
- Brugler, M.R. & France, S.C. (2007) [Ref. 5719] The complete mitochondrial genome of the black coral *Chrysopathes formosa* (Cnidaria: Anthozoa: Antipatharia) supports classification of antipatharians within the subclass Hexacorallia. *Molecular Phylogenetics and Evolution*, 42, 776–788.
<http://dx.doi.org/10.1016/j.ympev.2006.08.016>
- Bruguère, J.G. (1789) [Ref. 606] *Encyclopédie Méthodique. Histoire Naturelle des Vers*. Libraire Panckouke, Paris, 757 pp.
- Busch, W. (1851) [Ref. 5876] *Beobachtungen Über Anatomie und Entwicklung Einiger Wirbellosen Seethiere*. August Hirschwald, Berlin, 143 pp.
- Cairns, S.D., den Hartog, J.C. & Arneson, C.A. (1986) [Ref. 1185] Class Anthozoa (Corals, anemones). In: Sterrer, W. & Schoepfer-Sterrer, C. (Eds.), *Marine Fauna and Flora of Bermuda. A Systematic Guide to the Identification of Marine Organisms*. John

Wiley & Sons, New York, pp. 159–194.

- Calabresi, E. (1926) [Ref. 643] Una nuova *Atinia* del Mar Rosso. *Monitore Zoologico Italiano*, 37, 145–149.
- Cappola, V.A. & Fautin, D.G. (2000) [Ref. 1594] All three species of Ptychodactylaria belong to order Actiniaria (Cnidaria: Anthozoa). *Journal of the Marine Biological Association of the United Kingdom*, 80, 995–1005. [published 1 December 2000]
- Carlgren, O. (1891) [Ref. 146] Beiträge zur Kenntniss der Actinien-Gattung *Bolocera* Gosse (Vorläufige Mitteilung). *Öfversigt af Kongliga Vetenskaps-Akademiens Förhandlingar*, 48, 241–250.
- Carlgren, O. (1891) [Ref. 147] *Protanthea simplex* n. gen. n. sp., eine eigentümliche Actinie. Vorläufige Mitteilung. *Öfversigt af Kongliga Vetenskaps-Akademiens Förhandlingar*, 48, 81–89.
- Carlgren, O. (1892) [Ref. 550] Beiträge zur Kenntnis der Edwardsien. *Öfversigt af Kongliga Vetenskaps-Akademiens Förhandlingar*, 1892, 451–461.
- Carlgren, O. (1893) [Ref. 145] Studien über nordische Actinien. *Kungliga Svenska Vetenskapsakademiens Handlingar*, 25, 1–148.
- Carlgren, O. (1895) [Ref. 734] Jahresberichte für 1889, 1890, und 1891 über die Anthozoen. *Archiv für Naturgeschichte*, 61, 235–298.
- Carlgren, O. (1896) [Ref. 735] Jahresbericht über die Anthozoen für die Jahre 1892 und 1893. *Archiv für Naturgeschichte*, 62, 145–180.
- Carlgren, O. (1897) [Ref. 589] Zur Mesenterienentwicklung der Aktinien. *Öfversigt af Kongliga Vetenskaps-Akademiens Förhandlingar*, 1897, 159–172.
- Carlgren, O. (1899) [Ref. 152] Actiniaria und Zoantharia. *Symbolae Physicae*, Supplement, 13–16.
- Carlgren, O. (1899) [Ref. 149] Über abschnürbare Tentakel bei den Actiniarien. *Zoologischer Anzeiger*, 22, 39–44. [published 23 January 1899]
- Carlgren, O. (1899) (for 1898) [Ref. 148] Zoantharien. *Hamburger Magalhaensische Sammelreise*, 4, 1–48.
- Carlgren, O. (1900) [Ref. 195] Ostafrikanische Actinien. Gesammelt von Herrn Dr. F. Stuhlmann 1888 und 1889. *Mitteilungen aus dem Naturhistorischen Museum*, 17, 21–144. [reprint pages 1–124]
- Carlgren, O. (1900) [Ref. 151] Über *Pentactinia californica* n. gen. n. sp. *Öfversigt af Kongliga Vetenskaps-Akademiens Förhandlingar*, 57, 1165–1172.
- Carlgren, O. (1900) [Ref. 153] Zur Kenntnis der stichodactylinen Actiniarien. *Öfversigt af Kongliga Vetenskaps-Akademiens Förhandlingar*, 2, 277–287.
- Carlgren, O. (1901) [Ref. 604] Die Brutpflege der Actinarian. *Biologischen Centralblatt*, 21, 468–484.
- Carlgren, O. (1902) [Ref. 154] Die Actiniarien der Olga-Expedition (article IV in Zool. Ergeb. Untersuchungsfahrt deutsch. Seefisch. — Vereins nach der Bäreninsel und Westspitzbergen Sommer 1898 auf SMS "Olga"). *Wissenschaftliche Meeresuntersuchungen, abteilung Helgoland*, 5, 33–56.
- Carlgren, O. (1913) Actiniaria. *Report of the Second Norwegian Arctic Expedition in the "Fram" 1898–1902*, 31, 3–6.
- Carlgren, O. (1914) [Ref. 157] On the genus *Porponia* and related genera, Scottish National Antarctic Expedition. *Transactions of the Royal Society of Edinburgh*, 50, 49–71. [published January 1914]
<http://dx.doi.org/10.1017/S0080456800017270>
- Carlgren, O. (1916) [Ref. 685] Actiniaria and Zoantharia of the Danmark Expedition. *Meddelelser om Grønland*, 43 (19), 1 page (no pagination).
- Carlgren, O. (1918) [Ref. 158] Die Mesenterienanordnung der Halcuriiden. *Kungliga Fysiografiska Sällskapets Handlingar*, 29, 1–37. [published 27 August 1918]
- Carlgren, O. (1921) [Ref. 196] Actiniaria Part I. *Danish Ingolf-Expedition*, 5, 1–241.
- Carlgren, O. (1922) (for 1920) [Ref. 206] Actiniaria und Zoantharia von Juan Fernandez und der Osterinsel. In: Skottsberg, C. (Ed.), *The Natural History of Juan Fernandez and Easter Island*. Almquist & Wiksells Boktryckeri-A.-B., Uppsala, pp. 145–160.
- Carlgren, O. (1924) [Ref. 208] Actiniaria from New Zealand and its Subantarctic Islands [article XXI in Papers from Dr. Th. Mortensen's Pacific Expedition 1914–16]. *Videnskabelige Meddelelser fra Dansk Naturhistorisk Forening (Copenhagen)*, 77, 179–261.
- Carlgren, O. (1924) [Ref. 510] Description de deux Actiniaria. *Bulletin de l'Institut Océanographique (Monaco)*, 438, 26–28.
- Carlgren, O. (1924) [Ref. 904] Die Larven der Ceriantharien, Zoantharien und Actinarien der deutschen Tiefsee-Expedition mit einem Nachtrag zu den Zoantharien. *Wissenschaftliche Ergebnisse der Deutschen Tiefsee-Expedition auf dem Dampfer "Valdivia" 1898–1899*, XIX, 339–476.
- Carlgren, O. (1924) [Ref. 209] On *Bolocerooides*, *Bunodeopsis* and their supposed allied genera. *Arkiv für Zoologi*, 17 (A), 1–20.
- Carlgren, O. (1925) [Ref. 203] On the actinarian family Amphianthidae. *Arkiv für Zoologi*, 17 (B), 1–6. [published 14 May 1925]
- Carlgren, O. (1925) [Ref. 204] A revision of the Actiniaria of the Chilka Lake. *Arkiv für Zoologi*, 17 (A), 1–21.
- Carlgren, O. (1925) [Ref. 202] Zur Kenntnis der Hexacorallen. *Zoologischer Anzeiger*, 65, 87–99.
- Carlgren, O. (1927) [Ref. 205] Actiniaria. In: Monod, Th. (Ed.), *Faune des Colonies Françaises. Contribution à l'étude de la Faune du Cameroun*. Société d'éditions géographiques, maritimes et coloniales, Paris, pp. 475–480.
- Carlgren, O. (1927) [Ref. 210] Actiniaria and Zoantharia. In: Odhner, T. (Ed.), *Further Zoological Results of the Swedish Antarctic Expedition 1901–1903*. P.A. Norstedt & Söner, Stockholm, pp. 1–102.
- Carlgren, O. (1927) [Ref. 199] Report on the Actiniaria and Ceriantharia. *Transactions of the Zoological Society of London*, 22, 443–445.] [published December 1927]
<http://dx.doi.org/10.1111/j.1096-3642.1927.tb00205.x>
- Carlgren, O. (1928) [Ref. 198] Actiniaria der Deutschen Tiefsee-Expedition. *Wissenschaftliche Ergebnisse der Deutschen Tiefsee-Expedition auf dem Dampfer "Valdivia" 1898–1899*, 22, 125–266. [reprint pages 1–144]
- Carlgren, O. (1928) [Ref. 201] Ceriantharier, Zoantharier och Actiniarier. *Meddelelser om Grønland*, 23 (Suppl.), 253–308.
- Carlgren, O. (1928) [Ref. 200] Zur Symbiose zwischen Actinien und Paguriden. *Zeitschrift für Morphologie und Ökologie der Tiere*, 12, 165–173.

<http://dx.doi.org/10.1007/BF00407632>

- Carlgren, O. (1929) [Ref. 1091] Zur Biologie und Regeneration der niederen Actiniarien. *Zeitschrift für Morphologie und Ökologie der Tiere*, 14, 522–530.
<http://dx.doi.org/10.1007/BF00419308>
- Carlgren, O. (1930) [Ref. 286] Antarctic and Subantarctic Actiniaria. *Scientific Results of the Norwegian Antarctic Expeditions 1927–1928 and 1928–1929 (Norske Videnskaps-Akademi i Oslo)*, pp. 1–6. [published 22 September 1930]
- Carlgren, O. (1931) [Ref. 287] Zur Kenntnis der Actiniaria Abasilaria. *Arkiv für Zoologi*, 23 (A), 1–48. [published 26 June 1931]
- Carlgren, O. (1932) [Ref. 288] Die Ceriantharien, Zoantharien und Actiniarien des arktischen Gebietes. In: Römer, F., Schaudinn, F., Brauer, A. & Arndt, W. (Eds.), *Eine Zusammenstellung der arktischen Tierformen mit besonderer Berücksichtigung des Spitzbergen-Gebietes auf Grund der Ergebnisse der Deutschen Expedition in das Nördliche Eismeer im Jahre 1898*. Gustav Fischer, Jena, pp. 255–266.
- Carlgren, O. (1933) [Ref. 285] The Godthaab Expedition 1928 Zoantharia and Actiniaria. *Meddelelser om Grønland*, 79, 1–55.
- Carlgren, O. (1934) [Ref. 290] Ceriantharia, Zoantharia and Actiniaria from the "Michael Sars" North Atlantic Deep-sea Expedition 1910. *Report on the Scientific Results of the "Michael Sars" North Atlantic Deep-Sea Expedition, 1910*, 5, 1–27.
- Carlgren, O. (1934) [Ref. 291] Some Actiniaria from Bering Sea and Arctic waters. *Journal of the Washington Academy of Sciences*, 24, 348–353.
- Carlgren, O. (1934) [Ref. 292] Zur Revision der Actiniarien. *Arkiv für Zoologi*, 26 (A), 1–36. [published 11 May 1934]
- Carlgren, O. (1935) [Ref. 578] Di alcune Attinie e Zoantari raccolti nel Golfo di Genova. *Bollettino del Musei di Zoologia ed Anatomia Comparata*, 15, 3–14. [published 15 September 1935]
- Carlgren, O. (1936) [Ref. 289] Some west American sea anemones. *Journal of the Washington Academy of Sciences*, 26, 16–23.
- Carlgren, O. (1937) [Ref. 293] A new actinian. *Smithsonian Miscellaneous Collections*, 91, 1–4. [published 30 January 1937]
- Carlgren, O. (1938) [Ref. 283] South African Actiniaria and Zoantharia. *Kungliga Svenska Vetenskapsakademiens Handlingar*, 17, 1–148.
- Carlgren, O. (1939) [Ref. 295] Actiniaria and Zoantharia of the Scottish National Antarctic Expedition, 1902–1904. *Transactions of the Royal Society of Edinburgh*, 49, 791–800. [published January 1939]
<http://dx.doi.org/10.1017/S0080456800017440>
- Carlgren, O. (1939) [Ref. 294] Actiniaria, Zoantharia, and Madreporaria. *Zoology of Iceland*, 2, 1–20.
- Carlgren, O. (1940) [Ref. 296] Actiniaria from Alaska and Arctic waters. *Journal of the Washington Academy of Sciences*, 30, 21–27.
- Carlgren, O. (1940) [Ref. 297] Actiniaria from the Gulf of California. Eastern Pacific Expeditions of the New York Zoological Society. XIX. *Zoologica*, 25, 211–219.
- Carlgren, O. (1940) [Ref. 281] A contribution to the knowledge of the structure and distribution of the cnidae in the Anthozoa. *Kungliga Fysiografiska Sällskapets Handlingar*, 51, 1–62.
- Carlgren, O. (1940) [Ref. 298] Some new South African Actiniaria and Zoantharia. *Arkiv für Zoologi*, 32 (B), 1–7.
- Carlgren, O. (1941) [Ref. 299] The Actiniaria and Zoantharia of St. Helena. Papers from Dr. Th. Mortensen's Pacific Expedition 1914–16. LXX. *Videnskabelige Meddelelser fra Dansk Naturhistorisk Forening (Copenhagen)*, 105, 1–20.
- Carlgren, O. (1941) [Ref. 300] Corallimorpharia, Actiniaria, and Zoantharia. *Results of the Norwegian Scientific Expedition to Tristan da Cunha 1937–1938*, 1, 1–12.
- Carlgren, O. (1942) [Ref. 197] Actiniaria Part II. *Danish Ingolf-Expedition*, 5, 1–92.
- Carlgren, O. (1943) [Ref. 305] East-Asiatic Corallimorpharia and Actiniaria. *Kungliga Svenska Vetenskapsakademiens Handlingar*, 20, 1–43.
- Carlgren, O. (1945) [Ref. 282] Further contributions to the knowledge of the cnidom in the Anthozoa especially in the Actiniaria. *Kungliga Fysiografiska Sällskapets Handlingar*, 56, 1–24.
- Carlgren, O. (1945) [Ref. 737] Polypdyr (Coelenterata) III. Koraldyr. *Danmarks Fauna Udgifet af Dansk Naturhistorisk Forening*, 51, 3–167.
- Carlgren, O. (1947) [Ref. 301] Further contributions to a revision of the Actiniaria and Corallimorpharia. *Arkiv für Zoologi*, 17, 1–17.
- Carlgren, O. (1949) [Ref. 31] A survey of the Ptychodactylaria, Corallimorpharia and Actiniaria. *Kungliga Svenska Vetenskapsakademiens Handlingar*, 1, 1–121.
- Carlgren, O. (1950) [Ref. 311] Actiniaria and Corallimorpharia. *Scientific Reports of the Great Barrier Reef Expedition 1928–29*, 5, 427–457. [published 10 March 1950]
- Carlgren, O. (1950) [Ref. 303] Actiniaria and Zoantharia from South Australia. *Arkiv für Zoologi*, 20, 121–135. [reprint pages 1–15; published 5 September 1950]
- Carlgren, O. (1950) [Ref. 302] Corallimorpharia, Actiniaria and Zoantharia from New South Wales and South Queensland. *Arkiv für Zoologi*, 1, 131–146. [published 4 February 1950]
- Carlgren, O. (1951) [Ref. 304] The actinian fauna of the Gulf of California. *Proceedings of the United States National Museum*, 101, 415–449.
<http://dx.doi.org/10.5479/si.00963801.101-3282.415>
- Carlgren, O. (1952) [Ref. 306] Actiniaria from North America. *Arkiv für Zoologi*, 3, 373–390.
- Carlgren, O. (1954) [Ref. 308] Actiniaria and Zoantharia from South and West Australia with comments upon some Actiniaria from New Zealand. *Arkiv für Zoologi*, 6, 571–595.
- Carlgren, O. (1956) [Ref. 310] Actiniaria from depths exceeding 6000 meters. *Galathea Reports*, 2, 9–16.
- Carlgren, O. (1959) [Ref. 309] Corallimorpharia and Actiniaria with description of a new genus and species from Peru. Reports of the Lund University Chile Expedition 1948–49 38. *Arkiv für Zoologi*, 71, 1–38.
- Carlgren, O. & Hedgpeth, J.W. (1952) [Ref. 307] Actiniaria, Zoantharia and Ceriantharia from shallow water in the northwestern Gulf of Mexico. *Publications of the Institute of Marine Science (University of Texas)*, 2, 143–172.

- Carlgren, O. & Stephenson, T.A. (1928) [Ref. 571] The British Edwardsidae. *Journal of the Marine Biological Association of the United Kingdom*, 15, 1–30. [published 1 February 1928]
<http://dx.doi.org/10.1017/S002531540005551X>
- Carlgren, O. & Stephenson, T.A. (1929) [Ref. 211] Actiniaria. In: Briggs, E.A. (Ed.), *Australasian Antarctic Expedition 1911-14 under the leadership of Sir Douglas Mawson, O.B.E., D.Sc., B.E., F.R.S. Scientific Reports. Series C. — Zoology and Botany*. Alfred James Kent, Government Printer, Sydney, pp. 5–34.
- Carpenter, W.B. & Jeffreys, J.G. (1871) [Ref. 673] Report on the deep-sea researches carried on during the months of July, August, and September 1870, in H.M. surveying-ship "Porcupine". *Proceedings of the Royal Society of London*, 19, 146–221.
- Carter Verdeilhán, D. (1965) [Ref. 27] Actinias de Montemar, Valparaíso. *Revista de Biología Marina*, 12, 129–157.
- Cary, L.R. (1906) [Ref. 4961] A contribution to the fauna of the coast of Louisiana. *Gulf Biologic Station Bulletin*, 6, 50–59.
- Cary, L.R. (1911) [Ref. 6016] A study of pedal laceration in actinians. *Biological Bulletin*, 20, 81–108. [published January 1911]
<http://dx.doi.org/10.2307/1536038>
- Chen, C., Soong, K. & Chen, C.A. (2008) [Ref. 6149] The smallest oocytes among broadcast-spawning actinarians and a unique lunar reproductive cycle in a unisexual population of the sea anemone, *Aiptasia pulchella* (Anthozoa: Actiniaria). *Zoological Studies*, 47, 37–45.
- Cheriyán, P.V. (1964) [Ref. 32] On the occurrence of the anemone *Phytocoeteopsis ramunni* Panikkar in the Cochin backwater. *Current Science*, 33, 658.
- Chintiroglou, C.C. & Doumenc, D.A. (1998) [Ref. 741] *Isanthus homolophilus* sp. nov. (Isanthidae: Actiniaria: Anthozoa) from French Polynesia. *Journal of the Marine Biological Association of the United Kingdom*, 78, 829–834. [published 1 August 1998]
<http://dx.doi.org/10.1017/S0025315400044817>
- Chintiroglou, C.C., Doumenc, D.A., Le Renard, J., Foubert, A. & Kolyva-Machaira, P. (1996) [Ref. 665] Classification of cnidarian nematocysts using multivariate and digital image analysis. *Bios*, 4, 123–135.
- Chintiroglou, C.C. & Karalis, P. (2000) [Ref. 811] Biometric investigations on the cnidae of the Aegean colour morphs of *Anemonia viridis*. *Journal of the Marine Biological Association of the United Kingdom*, 80, 543–544. [published 1 June 2000]
<http://dx.doi.org/10.1017/S0025315400002241>
- Cinar, M.E., Katagan, T., Öztürk, B., Egemen, Ö., Ergen, Z., Kocatas, A., Önen, M., Kirkim, F., Bakir, K., Kurt, G., Dagli, E., Kaymakci, A., Acik, S., Dogan, A. & Özcan, T. (2006) [Ref. 6008] Temporal changes of soft-bottom zoobenthic communities in and around Alsancak Harbor (Izmir Bay, Aegean Sea), with special attention to the autecology of exotic species. *Marine Ecology*, 27, 229–246. [published September 2006]
<http://dx.doi.org/10.1111/j.1439-0485.2006.00102.x>
- Clubb, J.A. (1902) [Ref. 34] Actiniae. With an account of their peculiar brood chambers. Chapter 18 in *Report on Collections of Natural History made in the Antarctic Regions during the voyage of the "Southern Cross"*. British Museum (Natural History), London, pp. 294–309.
- Clubb, J.A. (1908) [Ref. 35] Actiniæ. *National Antarctic Expedition 1901-1904 Natural History*, Coelentera. IV, pp. 1–12.
- Cocks, W.P. (1850) [Ref. 6093] Contributions to the fauna of Falmouth. *Annual Report of the Royal Cornwall Polytechnic Society*, 17, 38–101.
- Cocks, W.P. (1851) [Ref. 36] Actiniæ (or sea-anemones), procured in Falmouth and its neighbourhood, by W. P. Cocks, Esq., from 1843-1849. *Annual Report of the Royal Cornwall Polytechnic Society*, 19, 3–11.
- Collings, D.W. (1938) [Ref. 1351] The Actiniaria of Suffolk (sea-anemones). *Transactions of the Suffolk Naturalists' Society*, IV, 25–28.
- Collingwood, C. (1868) [Ref. 6252] *Rambles of a Naturalist on the Shores and Waters of the China Sea*. John Murray, London, 445 pp.
- Contarini, C.N. (1844) [Ref. 707] *Trattato delle attinie, ed osservazioni sopra alcune di esse viventi nei Contorni di Venezia*. Stabilimento Di G. Antonelli, Venice, 198 pp.
- Corrêa, D.D. (1964) [Ref. 312] *Corallimorpharia e Actiniaria do Atlantico Oeste Tropical*. Unpublished dissertation of the Universidade de São Paulo, 139 pp. [criteria of publication (Article 8 of the International Code of Zoological Nomenclature) not met by this reference; therefore, names of new taxa and other nomenclatural acts not available]
- Costa, A. (1869) [Ref. 5866] Di un genere di Siphonulidei. *Annuario dell' Instituto e Museo di Zoologia dell' Università di Napoli*, 5, 56–57.
- Couch, R.Q. (1842) [Ref. 6048] An essay on the zoophytes of Cornwall. *Annual Report of the Royal Cornwall Polytechnic Society*, 9, 27–91.
- Couch, R.Q. (1844) [Ref. 774] *A Cornish Fauna; Being a Compendium of the Natural History of the County*. L. E. Gillet, Truro, 164 pp.
- Coughtrey, M. (1875) [Ref. 40] Description of a new species of *Actinia*. *Transactions and Proceedings of the New Zealand Institute*, 7 (for 1874), 280. [published July 1875]
- de Crespigny, C.C. (1869) [Ref. 5029] Notes on the friendship existing between the malacopterygian fish *Premnas biaculeatus* and the *Actinia crassicornis*. *Proceedings of the Zoological Society of London*, 1869, 248–249.
- Crowell, S. (1946) [Ref. 544] A new sea anemone from Woods Hole, Massachusetts. *Journal of the Washington Academy of Sciences*, 36, 57–60.
- Crowther, A.L., Fautin, D.G. & Wallace, C.C. (2011) [Ref. 6148] *Stylobates birtlesi* sp. n., a new species of carcinoecium-forming sea anemone (Cnidaria, Actiniaria, Actiniidae) from eastern Australia. *Zookeys*, 89, 33–48. [published 11 April 2011]
<http://dx.doi.org/10.3897/zookeys.89.825>
- Cutress, C.E. (1949) [Ref. 313] *The Oregon Shore Anemones (Anthozoa)*. Oregon State College (Thesis), Corvallis, 57 pp. [criteria of publication (Article 8 of the International Code of Zoological Nomenclature) not met by this reference; therefore, names of new taxa and other nomenclatural acts not available]

- Cutress, C.E. (1961) [Ref. 592] *Habrosanthus bathamae*, n. gen., n. sp. (Actiniaria: Sagartiidae) from New Zealand. *Transactions of the Royal Society of New Zealand*, 1, 95–101.
- Cutress, C.E. (1971) [Ref. 315] Corallimorpharia, Actiniaria and Zoantheida. *Memoirs of the National Museum of Victoria (Melbourne)*, 32, 83–92.
- Cutress, C.E. (1977) [Ref. 758] Corallimorpharia, Actiniaria, Ceriantharia. In: Devaney, D.M. & Eldredge, L.G. (Eds.), *Reef and Shore Fauna of Hawaii*. Bishop Museum Press, Honolulu, pp. 130–147.
- Cutress, C.E. (1979) [Ref. 42] *Bunodeopsis medusoides* Fowler and *Actinodiscus neglectus* Fowler, two Tahitian sea anemones: redescription and biological notes. *Bulletin of Marine Science*, 29, 96–109.
- Cutress, C.E. & Arneson, C.A. (1987) [Ref. 317] Sea anemones of Enewetak Atoll. In: Devaney, D.M., Reese, E.S., Burch, B.L. & Helfrich, P. (Eds.), *The Natural History of Enewetak Atoll*. Office of Scientific and Technical Information, US Department of Energy, pp. 53–62.
- Cutress, C.E. & Ross, D.M. (1969) [Ref. 1458] The sea anemone *Calliactis tricolor* and its association with the hermit crab *Dardanus venosus*. *Proceedings of the Zoological Society of London*, 158, 225–241. [published June 1969]
<http://dx.doi.org/10.1111/j.1469-7998.1969.tb02143.x>
- Cuvier, G. (1798) [Ref. 769] *Tableau Élémentaire de l'Histoire Naturelle des Animaux*. Baudouin, Paris, 710 pp.
<http://dx.doi.org/10.5962/bhl.title.39351>
- Cuvier, G. (1817) [Ref. 1392] *Le Règne Animal*. Deterville, Paris. [listed by Dickinson *et al.* (2011) [Ref. 500] as Cuvier, G.L.C.F.D. (“1817” = 1816). *Le règne animal distribué d’après son organisation, pour servir de base à l’histoire naturelle des animaux et d’introduction à l’anatomie comparée*. 4 vols. Déterville, Paris. Dickinson *et al.* cited support of 1816 as year of publication rather than 1817 for these volumes, but they cited publications using both dates.]
- Cuvier, G. (1863) (reprinted 1969) [Ref. 1247] *The Animal Kingdom, Arranged After its Organization, Forming a Natural History of Animals, and An Introduction to Comparative Anatomy*. Kraus Reprint Co., New York.
<http://dx.doi.org/10.5962/bhl.title.30125>
- Dall, W.H. (1903) [Ref. 43] A new genus of Trochidae. *Nautilus*, 17, 61–62. [published October 1903]
- Dall, W.H. (1919) [Ref. 44] *Stylobates*, a warning. *Nautilus*, 32, 79–80. [published January 1919]
- Daly, M. (2002) [Ref. 1716] A systematic revision of Edwardsiidae (Cnidaria, Anthozoa). *Invertebrate Biology*, 121, 212–225. [published September 2002]
<http://dx.doi.org/10.1111/j.1744-7410.2002.tb00061.x>
- Daly, M. (2002) [Ref. 1748] Taxonomy, anatomy, and histology of the lined sea anemone, *Edwardsiella lineata* (Verrill, 1873) (Cnidaria: Anthozoa: Edwardsiidae). *Proceedings of the Biological Society of Washington*, 115, 868–877. [published 30 December 2002]
- Daly, M. (2003) [Ref. 1877] The anatomy, terminology, and homology of acrorhagi and pseudoacrorhagi in sea anemones. *Zoologische Verhandlungen*, 345, 89–101. [published 31 October 2003]
- Daly, M. (2004) [Ref. 4868] Anatomy and taxonomy of three species of sea anemones (Cnidaria: Anthozoa: Actiniidae) from the Gulf of California, including *Isoaulactinia hespervolita* Daly, n. sp. *Pacific Science*, 58, 377–390. [published July 2004] Available from: <https://scholarspace.manoa.hawaii.edu/bitstream/10125/2750/1/vol58n3-377-390.pdf> (Accessed 27 Jul. 2016)
- Daly, M. (2006) [Ref. 5518] *Boloceroides daphneae*, a new species of giant sea anemone (Cnidaria: Actiniaria: Boloceroididae) from the deep Pacific. *Marine Biology*, 148, 1241–1247.
- Daly, M., Ardelean, A., Cha, H.R., Campbell, A.C. & Fautin, D.G. (2004) [Ref. 4890] A new species, *Adamsia obvolva* (Cnidaria: Anthozoa: Actiniaria), from the Gulf of Mexico, and a discussion of the taxonomy of carcinoecium-forming sea anemones. *Bulletin of Marine Science*, 74, 385–399.
- Daly, M., Brugler, M.R., Cartwright, P., Collins, A.G., Dawson, M.N., Fautin, D.G., France, S.C., McFadden, C.S., Opresko, D.M., Rodriguez, E., Romano, S.L. & Stake, J.L. (2007) [Ref. 6246] The phylum Cnidaria: a review of phylogenetic patterns and diversity 300 years after Linnaeus. *Zootaxa*, 1668, 127–182.
- Daly, M., Chaudhuri, A., Gusmão, L. & Rodríguez, E. (2008) [Ref. 5992] Phylogenetic relationships among sea anemones (Cnidaria: Anthozoa: Actiniaria). *Molecular Phylogenetics and Evolution*, 48, 292–301. [published July 2008]
<http://dx.doi.org/10.1016/j.ympev.2008.02.022>
- Daly, M. & Fautin, D.G. (2004) [Ref. 1867] *Anthopleura mariscali*, a new species of sea anemone (Cnidaria: Anthozoa: Actiniaria) from the Galápagos Islands. *Zootaxa*, 416, 1–8. [published 30 January 2004]
- Daly, M., Fautin, D.G. & Cappola, V.A. (2003) [Ref. 1871] Systematics of the Hexacorallia (Cnidaria: Anthozoa). *Zoological Journal of the Linnean Society*, 139, 419–437. [published November 2003]
<http://dx.doi.org/10.1046/j.1096-3642.2003.00084.x>
- Daly, M. & Goodwill, R.H. (2009) [Ref. 6025] *Andvokia discipulorum*, a new species of burrowing sea anemone from Hawai'i, with a revision of *Andvokia* Danielssen, 1890. *Pacific Science*, 63, 263–275. [published April 2009] Available from: <https://scholarspace.manoa.hawaii.edu/bitstream/10125/22760/1/vol63n2-263-276.pdf> (Accessed 27 Jul. 2016)
- Daly, M. & Gusmão, L. (2007) [Ref. 5726] The first sea anemone (Cnidaria: Anthozoa: Actiniaria) from a whale fall. *Journal of Natural History*, 41, 1–11. [published 16 February 2007]
<http://dx.doi.org/10.1080/00222930601121775>
- Daly, M. & den Hartog, J.C. (2004) [Ref. 4891] Taxonomy, circumscription, and usage in *Anthopleura* (Cnidaria: Anthozoa: Actiniaria) from the Gulf of Mexico and the Caribbean. *Bulletin of Marine Science*, 74, 401–421.
- Daly, M., Lipscomb, D.L. & Allard, M.W. (2002) [Ref. 1680] A simple test: evaluating explanations for the relative simplicity of the Edwardsiidae (Cnidaria: Anthozoa). *Evolution*, 56, 502–510. [published March 2002]
<http://dx.doi.org/10.1111/j.0014-3820.2002.tb01361.x>
- Daly, M. & Ljubenkova, J.C. (2008) [Ref. 5980] Edwardsiid sea anemones of California (Cnidaria: Actiniaria: Edwardsiidae), with

descriptions of eight new species. *Zootaxa*, 1860, 1–27.

- Daly, M. & Ljubenkov, J.C. (2009) [Ref. 6227] Erratum: Edwardsiid sea anemones of California (Cnidaria: Actiniaria: Edwardsiidae), with descriptions of eight new species. *Zootaxa*, 2143, 68.
- Daly, M., Perissinotto, R., Laird, M., Dyer, D. & Todaro, A. (2012) [Ref. 6197] Description and ecology of a new species of *Edwardsia* de Quatrefages, 1842 (Anthozoa, Actiniaria) from the St [*sic*] Lucia Estuary, South Africa. *Marine Biology Research*, 8, 233–245. [published 24 February 2012]
<http://dx.doi.org/10.1080/17451000.2011.617757>
- Dalyell, J.G. (1848) [Ref. 672] *Rare and Remarkable Animals of Scotland*. John Van Voorst, London, 322 pp.
- Dana, J.D. (1846) [Ref. 318] Zoophytes. *Volume VII of the United States Exploring Expedition. During the Years 1838, 1839, 1840, 1841, 1842. Under the command of Charles Wilkes, U.S.N.* Lea and Blanchard, Philadelphia, 740 pp.
- Dana, J.D. (1848) [Ref. 320] Zoophytes. *United States Exploring Expedition. During the Years 1838, 1839, 1840, 1841, 1842. Under the command of Charles Wilkes, U.S.N.* Lea and Blanchard, Philadelphia, 740 pp.
- Dana, J.D. (1849) [Ref. 709] Atlas. Zoophytes. *United States Exploring Expedition. During the Years 1838, 1839, 1840, 1841, 1842. Under the Command of Charles Wilkes, U. S. N. C. Sherman*, Philadelphia, pp. 1–12.
- Danielssen, D.C. (1861) [Ref. 797] Beretning om en zoologisk Reise foretagen i Sommeren 1857. *Nyt Magazin for Naturvidenskaberne*, 11, 1–58.
- Danielssen, D.C. (1887) [Ref. 583] Actinida of the Norwegian North-Atlantic Expedition. Preliminary report. *Bergens Museums Aarbok [also known as Årbok for Universitetet i Bergen]*, 1887, 1–24.
- Danielssen, D.C. (1890) [Ref. 321] Actinida. *Den Norske Nordhavs-Expedition 1876-1878*. Zoologi. Grøndahl and Søn, Christiania, 184 pp.
- Danielssen, D.C. & Koren, J. (1856) [Ref. 581] Nye Actinier [Actinies nouvelles]. In: Sars, M., Koren, J. & Danielssen, D.C. (Eds.), *Fauna Littoralis Norvegiae*. Fr. D. Beyer, Bergen, pp. 87–90.
- Dave, C.S. & Mankodi, P.C. (2009) [Ref. 6103] Species specific association of sea anemones. *Current Science*, 97, 1–1522. [published 10 December 2009]
- Dawson, J.W. (1858) [Ref. 617] On sea anemones and hydroid polyps from the Gulf of St. Lawrence. *Canadian Naturalist and Geologist*, 3, 401–409.
- Dawson, E.W. (1992) [Ref. 1261] The Coelenterata of the New Zealand region: a handlist for curators, students and ecologists. *Occasional Papers of the Hutton Foundation*, no. 1, 1–68. [published May 1992]
- Dechancé, M. & Dufaure, J.P. (1959) [Ref. 568] Une nouvelle association entre une actinie et un pagure. *Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences, Paris*, 249, 1566–1568.
- Delage, Y. & Hérouard, E. (1901) [Ref. 66] *Traité de Zoologie Concrète*. C. Reinwald, Paris, 848 pp.
- Delle Chiaje, S. (1822) [Ref. 1511] *Memorie sulla storia e notomia degli animali senza vertebre del regno di Napoli*, Napoli, 101 pp.
- Delle Chiaje, S. (1825) [Ref. 1512] *Memorie sulla storia e notomia degli animali senza vertebre del regno di Napoli*. Stamperia Della Societa Tipografica, Napoli, 444 pp.
- Delle Chiaje, S. (1829) [Ref. 627] Quelques remarques sur les actinies. *Bulletin des Sciences Naturelles (Paris)*, 17, 470–473.
- Delle Chiaje, S. (1841) [Ref. 69] *Descrizione e notomia degli animali invertebrati della Sicilia Citeriore osservati vivi negli anni 1822-1830*. C. Batelli e Comp., Napoli. [number of pages unknown; more than 164]
- Delphy, J. (1938) [Ref. 658] Les actinies athénaires (Actiniaria Athenaria) de la faune Française. *Bulletin du Muséum National d'Histoire Naturelle (Paris)*, 10, 619–622.
- Delphy, J. (1939) [Ref. 5932] Justification d'un projet de revision des actiniaires des collections du Muséum. *Bulletin du Muséum National d'Histoire Naturelle (Paris)*, 11 (4), 409–411.
- Delphy, J. (1939) [Ref. 5871] Présence sur la côte Française de la Manche de l'actinie *Bolocera Tuediæ* (Johnston)? — et quelques remarques sur d'autres anthozoaires. *Bulletin du Muséum National d'Histoire Naturelle (Paris)*, 11 (2), 267–270.
- Delphy, J. (1939) [Ref. 5959] Sur quelques problèmes d'Actinologie. *Bulletin du Muséum National d'Histoire Naturelle (Paris)*, 11, 479–483.
- Deshayes, G.P. & Milne Edwards, H. (1840) [Ref. 68] Revue et augmentée de notes présentant les faits nouveaux dont la science s'est enrichie jusqu'a ce jour. *Histoire Naturelle des Animaux sans Vertébrés, Présentant les caractères généraux et particuliers de ces animaux, leur distribution, leurs classes, leurs familles, leurs genres, et la citation des principales espèces qui s'y rapportent*. J. B. Baillière, Paris, 770 pp.
- Dickinson, E.C., Overstreet, L.K., Dowsett, R.J. & Bruce, M.D. (2011) [Ref. 500] *Priority! The Dating of Scientific Names in Ornithology: a Directory to the Literature and its Reviewers*. Aves Press, Northampton, U. K., 319 pp.
- Dixon, A.F. & Dixon, G.Y. (1891) [Ref. 47] Report on the marine invertebrate fauna near Dublin. *Proceedings of the Royal Irish Academy*, 2, 19–33.
- Dixon, G.Y. (1886) [Ref. 683] Notes on two Irish specimens of *Edwardsia timida* (Quatrefages). *Scientific Proceedings of the Royal Dublin Society*, 5, 100–106.
- Dixon, G.Y. (1888) [Ref. 537] Remarks on *Sagartia venusta* and *Sagartia nivea*. *Scientific Proceedings of the Royal Dublin Society*, new series, 6, 111–127.
- Dixon, G.Y. & Dixon, A.F. (1890) [Ref. 1262] Note on *Tealia tuberculata* and *T. crassicornis*. *Annals and Magazine of Natural History*, series 6, 5, 66–69. [published January 1890]
- Dons, C. (1945) [Ref. 5191] Norges strandfauna XXXII hexakoraller. *Kongelige Norske Videnskabers Selskab Forhandling*, 18, 17–20.
- Doumenc, D.A. (1973) [Ref. 49] Notes sur les actinies de Polynésie Française. *Cahiers du Pacifique*, pp. 173–204.
- Doumenc, D.A. (1975) [Ref. 48] Actinies bathyales et abyssales de l'océan Atlantique nord familles des Hormathiidae (genres *Paracalliactis* et *Phelliactis*) et des Actinostolidae (genres *Actinoscyphia* et *Sicyonis*). *Bulletin du Muséum National d'Histoire*

Naturelle (Paris), 197, 157–204.

- Doumenc, D.A. (1984) [Ref. 573] Les actinies bathyales du Chili [*sic*]: un exemple d'utilisation de fichiers informatiques. *Annales de l'Institut Oceanographique*, 60, 143–162.
- Doumenc, D.A., Chintiroglou, C.C. & Foubert, A. (1989) [Ref. 51] Variabilité du genre *Telmatactis* Gravier, 1918 (Actiniaria, Acontinaria, Isophellidae). *Bulletin du Muséum National d'Histoire Naturelle (Paris)*, 11, 5–45.
- Doumenc, D.A., Chintiroglou, C.C. & Koukouras, A. (1985) [Ref. 50] Actinies de la mer Égée: méthodes d'identification, zoogéographie. *Bulletin du Muséum National d'Histoire Naturelle (Paris)*, 7 (A), 497–529.
- Doumenc, D.A., England, K.W. & Chintiroglou, C.C. (1987) [Ref. 52] A new species of sea-anemone in the genus *Paranemonia* Carlgren (Anthozoa, Actiniaria) from the Aegean Sea. *Zoologica Scripta*, 16, 271–275. [published October 1987]
<http://dx.doi.org/10.1111/j.1463-6409.1987.tb00073.x>
- Doumenc, D.A. & Van-Praët, M. (1988) [Ref. 53] Actinies abyssales d'un site hydrothermal du Pacifique oriental. *Oceanologica Acta*, Special 8 — Biologie et icologie des sources hydrothermales, pp. 61–68.
- Dromgoole, F.I. & Foster, B.A. (1983) [Ref. 498] Changes to the marine biota of the Auckland Harbour. *Tane*, 29, 79–96.
- Dube, V.M.C. (1974) [Ref. 1477] Anêmonas-do-mar (ordem Actiniaria) do estado da Bahia. Unpublished dissertation of the Universidade Federal da Bahia, Salvador, Bahia, 112 pp. [criteria of publication (Article 8 of the International Code of Zoological Nomenclature) not met by this reference; therefore, names of new taxa and other nomenclatural acts not available]
- Dube, V.M.C. (1983) [Ref. 1327] Contribuição ao estudo de anêmonas-do-mar do esta do da bahia. *Natura*, 83, 82–93.
- Duchassaing, P. (1850) [Ref. 70] *Animaux Radiaires des Antilles*. Plon Frères, Paris, 33 pp.
- Duchassaing, P. (1870) [Ref. 1674] *Revue des Zoophytes et des Spongiaires des Antilles*. Victor Masson et Fils, Paris, 52 pp.
<http://dx.doi.org/10.5962/bhl.title.69814>
- Duchassaing de Fombressin, P. & Michelotti, G. (1861) [Ref. 1805] Mémoire sur les Coralliaires des Antilles. *Memorie Reale Accademia delle Scienze di Torino*, 13, 279–365.
- Duchassaing de Fombressin, P. & Michelotti, G. (1864) [Ref. 322] *Supplément au mémoire sur les Coralliaires des Antilles*. Imprimerie Royale, Turin, 112 pp.
- Duchassaing de Fombressin, P. & Michelotti, G. (1866) [Ref. 1804] Supplément au Mémoire sur les Coralliaires des Antilles. *Memorie Reale Accademia delle Scienze di Torino*, 8, 97–206.
- Duchassaing de Fombressin, P. & Michelotti, G. (1860) [Ref. 323] *Mémoire sur les Coralliaires des Antilles*. Imprimerie Royale, Turin, 89 pp.
- Dueben, M.W. & Koren, J. (1847) [Ref. 717] [Nordic actinians]. *Forhandlinger ved de Skandinaviske Naturforskeres*, 4, 266–268.
- Duerden, J.E. (1895) [Ref. 540] On the genus *Alicia* (*Cladactis*), with an anatomical description of *A. costae*, Panc. *Annals and Magazine of Natural History*, series 6, 15, 213–218.
- Duerden, J.E. (1897) [Ref. 54] The actinarian family *Aliciidae*. *Annals and Magazine of Natural History*, series 6, 20, 1–15. [published July 1897]
- Duerden, J.E. (1898) [Ref. 55] The Actiniaria around Jamaica. *Journal of the Institute of Jamaica*, 2, 449–465.
- Duerden, J.E. (1898) [Ref. 692] The geographical distribution of the Actiniaria of Jamaica. *Natural Science*, 12, 100–105.
- Duerden, J.E. (1898) [Ref. 556] On the relations of certain *Stichodactylinae* to the Madreporaria. *Journal of the Linnean Society of London (Zoology)*, 26, 635–653. [published December 1898]
<http://dx.doi.org/10.1111/j.1096-3642.1898.tb01740.x>
- Duerden, J.E. (1900) [Ref. 324] Jamaican Actiniaria. Part II. — *Stichodactylinae* and *Zoantheae*. *Scientific Transactions of the Royal Dublin Society*, 7, 133–208.
- Duerden, J.E. (1902) [Ref. 696] On the actinian *Bunodeopsis globulifera*, Verrill. *Transactions of the Linnean Society (London)*, 8, 297–317. [published October 1902]
<http://dx.doi.org/10.1111/j.1096-3642.1902.tb00478.x>
- Duerden, J.E. (1902) [Ref. 57] Report on the actinians of Porto Rico [Investigations of the aquatic resources and fisheries of Porto Rico by the U.S. Fish Commission Steamer Fish Hawk in 1899]. *Bulletin of the U.S. Fisheries Commission*, 20, 323–374.
- Duerden, J.E. (1905) [Ref. 678] On the habits and reactions of crabs bearing actinians in their claws. *Proceedings of the Zoological Society of London*, 2, 494–511.
- Dufaure, J.P. (1959) [Ref. 557] Une nouvelle actinie: *Parastephanauge paxi*, gen. nov., sp. nov. *Bulletin de la Société Zoologique de France*, 84, 86–91.
- Dunn, D.F. (1974) [Ref. 327] *Actiniogeton sesere* (Coelenterata, Actiniaria) in Hawaii. *Pacific Science*, 28, 181–188.
- Dunn, D.F. (1978) [Ref. 337] *Anthopleura handi* n. sp. (Coelenterata, Actiniaria), an internally brooding, intertidal sea anemone from Malaysia. *Wasmann Journal of Biology*, 35, 54–64.
- Dunn, D.F. (1981) [Ref. 325] The clownfish sea anemones: *Stichodactylidae* (Coelenterata: Actiniaria) and other sea anemones symbiotic with pomacentrid fishes. *Transactions of the American Philosophical Society*, 71, 1–115.
<http://dx.doi.org/10.2307/1006382>
- Dunn, D.F. (1982) [Ref. 343] *Paraphelliactis pabista*, a new species of hormathiid sea anemone from abyssal northeastern Pacific waters (Coelenterata: Actiniaria). *Syesis*, 15, 51–56.
- Dunn, D.F. (1983) [Ref. 344] Some Antarctic and sub-Antarctic sea anemones (Coelenterata: Ptychodactiaria and Actiniaria). *Antarctic Research Series*, 39, 1–67.
- Dunn, D.F. (1985) [Ref. 345] Sea anemones that harbor symbiotic pomacentrid fishes in the western Pacific. *National Geographic Society Research Reports*, 18, 279–283.
- Dunn, D.F. & Bakus, G.J. (1977) [Ref. 335] Redescription and ecology of *Liponema brevicornis* (McMurrich, 1893), with definition of the family Liponematidae (Coelenterata, Actiniaria). *Astarte*, 10, 77–85.
- Dunn, D.F., Chia, F.S. & Levine, R. (1980) [Ref. 339] Nomenclature of *Aulactinia* (= *Bunodactis*), with description of *Aulactinia*

- incubans* n. sp. (Coelenterata: Actiniaria), an internally brooding sea anemone from Puget Sound. *Canadian Journal of Zoology*, 58, 2071–2080. [published November 1980]
<http://dx.doi.org/10.1139/z80-284>
- Dunn, D.F., Devaney, D.M. & Roth, B. (1981) (for 1980) [Ref. 341] *Stylobates*: A shell-forming sea anemone (Coelenterata, Anthozoa, Actiniidae). *Pacific Science*, 34, 379–388.
- Dunn, D.F. & Hamner, W.M. (1980) [Ref. 340] *Amplexidiscus fenestrafer* n. gen., n. sp. (Coelenterata: Anthozoa), a tropical Indo-Pacific corallimorpharian. *Micronesica*, 16, 29–36.
- Dunn, D.F. & Hulsemann, K. (1979) [Ref. 338] Metridiidae Carlgren, 1893 (Anthozoa) and Metridiidae Sars, 1902 (Copepoda): Request for a ruling to eliminate the homonymy. Z.N.(S.) 2263. *Bulletin of Zoological Nomenclature*, 36, 53–56. [decision by International Commission on Zoological Nomenclature in 1984 [Ref. 6166]]
- Durègne, E. (1886) [Ref. 720] Sur une actinie probablement nouvelle. *Comptes-Rendus des Séances de la Société Linnéenne de Bordeaux*, I, IV–V, XXVIII.
- Durègne, E. (1889) [Ref. 1] Notes sur le *Chitonactis richardi*, Marion. *Actes de la Société Linnéenne de Bordeaux*, 44, 312–320.
- Eash-Loucks, W.E. & Fautin, D.G. (2012) [Ref. 6202] Taxonomy and distribution of sea anemones (Cnidaria: Actiniaria and Corallimorpharia) from deep water of the northeastern Pacific. *Zootaxa*, 3375, 1–80. [published 4 July 2012]
- Eash-Loucks, W.E., Jewett, S.C., Fautin, D.G., Hoberg, M.K. & Chenelot, H. (2010) [Ref. 6108] *Ptychodactis aleutiensis*, a new species of ptychodactarian sea anemone (Cnidaria: Anthozoa: Actiniaria) from the Aleutian Islands, Alaska. *Marine Biology Research*, 6, 570–578. [published 14 October 2010]
<http://dx.doi.org/10.1080/17451000903476933>
- Edmands, S. & Fautin, D.G. (1991) [Ref. 355] Redescription of *Aulactinia veratra* n. comb. (= *Cnidopus veratra*) (Coelenterata: Actiniaria) from Australia. *Records of the Western Australian Museum (Perth)*, 15, 59–68.
- Edwards, M.A. & Hopwood, A.T. (1966) [Ref. 599] *Nomenclator Zoologicus Vol. VI*. Zoological Society of London, London. 329 pp.
- Edwards, M.A., Manly, P. & Tobias, M.A. (1996) [Ref. 1344] *Nomenclator Zoologicus Vol. IX*. Zoological Society of London, London. 701 pp.
- Edwards, M.A. & Tobias, M.A. (1993) [Ref. 601] *Nomenclator Zoologicus Vol. VIII*. Zoological Society of London, London. 620 pp.
- Edwards, M.A. & Vevers, H.G. (1975) [Ref. 600] *Nomenclator Zoologicus Vol. VII*. Zoological Society of London, London. 374 pp.
- Ehrenberg, C.G. (1834) [Ref. 58] Beiträge zur physiologischen Kenntniss der Corallenthiere im allgemeinen, und besonders des rothen Meeres, nebst einem Versuche zur physiologischen Systematik derselben. *Abhandlungen der Königlichen Akademie der Wissenschaften zu Berlin*, 1, 225–380.
 [Dickinson *et al.* (2011) [Ref. 500] discussed the contribution of Hemprich to this work.]
- Ellis, J. (1767) [Ref. 767] An account of the *Actinia sociata*, or clustered animal-flower, lately found on the sea-coasts of the new-ceded islands. *Philosophical Transactions of the Royal Society of London*, 57, 428–437. [published 1 January 1767]
<http://dx.doi.org/10.1098/rstl.1767.0043>
- Ellis, J. & Solander, D. (1786) [Ref. 71] *The Natural History of Many Curious and Uncommon Zoophytes, Collected from Various Parts of the Globe*. Benjamin White and Son, London, 206 pp.
<http://dx.doi.org/10.5962/bhl.title.64985>
- Elmhirst, R. (1915) [Ref. 680] Notes on anemones from the Millport Marine Biological Station. *Zoologist*, series 4, 19, 21–24.
- England, K.W. (1969) [Ref. 67] *Anthopleura elatensis* n. sp. (Actiniidae: Actiniaria) from the Red Sea. *Israel Journal of Zoology*, 18, 1–7.
- England, K.W. (1971) [Ref. 60] Actiniaria from Mururoa Atoll Tuamotu, Polynesia (Hormathiidae; *Calliactis polypus* Sagartiidae; *Verrillactis* n. gen. *paguri*). *Cahiers du Pacifique*, 15, 23–40.
- England, K.W. (1987) [Ref. 63] Certain Actiniaria (Cnidaria, Anthozoa) from the Red Sea and tropical Indo-Pacific Ocean. *Bulletin of the British Museum (Natural History)*, 53, 205–292.
- England, K.W. (1988) [Ref. 62] Redefinitions and systematics of *Heteractis aurora*, the genera *Heteractis* and *Radianthus*, and the family Heteractidae (Cnidaria: Actiniaria). *Indo-Malayan Zoology*, 5, 45–55.
- England, K.W. (1990) (for 1989) [Ref. 72] Description of two new mud-dwelling actiniids from Maharashtra, India: *Edwardsia athalyei* sp. nov. and *Acontiactis* gen. nov. *gokhaleae* sp. nov. and a note on *Edwardsioides mammillata* (Bourne, 1916) (Cnidaria: Actiniaria). *Indo-Malayan Zoology*, 6, 141–158. [published June 1990]
- England, K.W. (1992) [Ref. 73] Actiniaria (Cnidaria: Anthozoa) from Hong Kong with additional data on similar species from Aden, Bahrain and Singapore. In: Morton, B. (Ed.), *The Marine Flora and Fauna of Hong Kong and Southern China III*. Hong Kong University Press, Hong Kong, pp. 49–95.
- England, K.W. & Robson, E.A. (1984) [Ref. 61] A new sea anemone from South Africa (Anthozoa, Ptychodactiaria). *Annals of the South African Museum*, 94, 305–329.
- Eschmeyer, W.N. (1998) [Ref. 6253] *Catalog of Fishes*. California Academy of Sciences, San Francisco, 2905 pp.
- Excoffon, A.C., Belém, M.J.d., Zamponi, M.O. & Schlenz, E. (1997) [Ref. 1245] The validity of *Anthothoe chilensis* (Actiniaria, Sagartiidae) and its distribution in southern hemisphere. *Iheringia (Porte Alegre)*, 82, 107–118. [published 11 April 1997]
- Fabricius, J.C. (1779) [Ref. 641] *Reise nach Norwegen mit Bemerkungen aus der Naturhistorie und Oekonomie*. Carl Ernst Bohn, Hamburg. 388 pp.
- Fabricius, O. (1780) [Ref. 638] *Fauna Groenlandica*. Ioannis Gottlob Rothe, Hafniae [Copenhagen] and Lipsiae [Leipzig], 452 pp.
- Farquhar, H. (1898) [Ref. 75] Preliminary account of some New-Zealand Actiniaria. *Journal of the Linnean Society of London (Zoology)*, 26, 527–536. [published July 1898]
<http://dx.doi.org/10.1111/j.1096-3642.1898.tb00409.x>
- Faurot, L. (1895) [Ref. 76] Études sur l'anatomie, l'histologie et le développement des actinies. *Archives de Zoologie Expérimentale et Générale*, 3, 43–262.

- Fautin, D.G. (1984) [Ref. 346] More Antarctic and Subantarctic sea anemones (Coelenterata: Corallimorpharia and Actiniaria). *Antarctic Research Series*, 41, 1–42.
- Fautin, D.G. (1987) [Ref. 348] *Stylobates loisetteae*, a new species of shell-forming sea anemone (Coelenterata: Actiniidae) from western Australia. *Proceedings of the California Academy of Sciences*, 45, 1–7.
- Fautin, D.G. (1988) [Ref. 350] Sea anemones (Actiniaria and Corallimorpharia) of Madang Province. *Science in New Guinea*, 14, 22–29.
- Fautin, D.G. (1998) [Ref. 740] Class Anthozoa: Orders Actiniaria, Ceriantharia, and Zoantharia. In: Scott, P.V. & Blake, J.A. (Eds.), *Taxonomic Atlas of the Benthic Fauna of the Santa Maria Basin and Western Santa Barbara Channel*. Santa Barbara Museum of Natural History, Santa Barbara, pp. 113–139.
- Fautin, D.G. (2005) [Ref. 4883] Three species of intertidal sea anemones (Anthozoa: Actiniidae) from the tropical Pacific: description of *Anthopleura buddemeieri* n. sp., with remarks on *Anthopleura asiatica* and *Gyraetis sesere*. *Pacific Science*, 59, 379–391. [published July 2005] Available from: https://scholarspace.manoa.hawaii.edu/bitstream/10125/24184/1/PacSci_379_392.pdf (Accessed 27 Jul. 2016)
- Fautin, D.G. (2011) [Ref. 6143] *Corallimorphus niwa* new species (Cnidaria: Anthozoa), New Zealand members of *Corallimorphus*, and redefinition of Corallimorphidae and its members. *Zootaxa*, 2775, 37–49. [published 24 February 2011]
- Fautin, D.G. & Barber, B.R. (1999) [Ref. 780] *Maractis rimicarivora*, a new genus and species of sea anemone (Cnidaria: Anthozoa: Actiniaria: Actinostolidae) from an Atlantic hydrothermal vent. *Proceedings of the Biological Society of Washington*, 112, 624–631. [published 17 September 1999]
- Fautin, D.G., Bucklin, A. & Hand, C.H. (1990) (for 1989) [Ref. 353] Systematics of sea anemones belonging to genus *Metridium* (Coelenterata: Actiniaria), with a description of *M. giganteum* new species. *Wasmann Journal of Biology*, 47, 77–85.
- Fautin, D.G. & Chia, F.S. (1986) [Ref. 347] Revision of sea anemone genus *Epiactis* (Coelenterata: Actiniaria) on the Pacific coast of North America, with descriptions of two new brooding species. *Canadian Journal of Zoology*, 64, 1665–1674. [published August 1986]
<http://dx.doi.org/10.1139/z86-250>
- Fautin, D.G., Eppard, R.A. & Mead, R.W. (1988) [Ref. 351] *Acontiophorum niveum* (Cnidaria, Anthozoa), a new species of acontiate sea anemone, with descriptions of actinian families Mimetridiidae and Ramirezziidae. *Wasmann Journal of Biology*, 45, 26–33.
- Fautin, D.G. & Fitt, W.K. (1991) [Ref. 509] A jellyfish-eating sea anemone (Cnidaria, Actiniaria) from Palau: *Entacmaea medusivora* sp. nov. *Hydrobiologia*, 216/217, 453–461. [published June 1991]
<http://dx.doi.org/10.1007/BF00026499>
- Fautin, D.G. & Goodwill, R.H. (2009) [Ref. 6082] *Neoaipiasia morbilla* new species (Cnidaria: Actiniaria), a sea anemone symbiont of sand-dwelling gastropods on Saipan, Mariana Islands, with comments on some other associations. *Micronesica*, 41, 101–115.
- Fautin, D.G. & Hand, C.H. (2000) [Ref. 1005] *Metridium farcimen*, the valid name of a common North Pacific sea anemone (Cnidaria: Actiniaria: Acontaria). *Proceedings of the Biological Society of Washington*, 113, 1151–1161. [published 29 December 2000]
- Fautin, D.G., Hand, C.H. & Daly, M. (2009) [Ref. 6083] *Haliplanella* Hand, 1956 (Anthozoa, Actiniaria): proposed conservation by suppression of *Haliplanella* Treadwell, 1943 (Polychaeta). *Bulletin of Zoological Nomenclature*, 66, 312–316. [published December 2009]
- Fautin, D.G. & Hessler, R.R. (1989) [Ref. 143] *Marianactis bythios*, a new genus and species of actinostolid sea anemone (Coelenterata: Actiniaria) from the Mariana vents. *Proceedings of the Biological Society of Washington*, 102, 815–825. [published 19 December 1989]
- Fautin, D.G., Kozloff, E.N. & Siebert, A.E. (1987) [Ref. 349] Phylum Cnidaria — Class Anthozoa. *Marine Invertebrates of the Pacific Northwest*. University of Washington Press, Seattle and London, pp. 68–78.
- Fautin, D.G., Malarky, L. & Soberón, J. (2013) [Ref. 6245] Latitudinal diversity of sea anemones (Cnidaria: Actiniaria). *Biological Bulletin*, 224, 89–98. [published 1 April 2013]
- Fautin, D.G., White, T.R. & Pearson, K.E. (2002) [Ref. 1507] Two new species of deep-water Corallimorpharia (Cnidaria: Anthozoa) from the northeast Pacific, *Corallimorphus denhartogi* and *C. pilatus*. *Pacific Science*, 56, 113–124. [published April 2002] Available from: https://scholarspace.manoa.hawaii.edu/bitstream/10125/24184/1/PacSci_379_392.pdf (Accessed 27 Jul. 2016)
- Fautin, D.G., Williams, R.B. & Molodtsova, T. (2012) [Ref. 6228] *Cereus Ilmoni*, 1830 (Cnidaria: Anthozoa): proposed designation of a new type species. *Bulletin of Zoological Nomenclature*, 69, 20–23. [published March 2012]
- Fautin, D.G., Zelenchuk, T. & Raveendran, D. (2007) [Ref. 5913] Genera of orders Actiniaria and Corallimorpharia (Cnidaria, Anthozoa, Hexacorallia), and their type species. *Zootaxa*, 1668, 183–244. [published 21 December 2007]
- Fewkes, J.W. (1889) [Ref. 77] *New Invertebrata from the Coast of California*. Privately printed, Boston, 50 pp.
- Field, L.R. (1949) [Ref. 585] *Sea Anemones and Corals of Beaufort, North Carolina*. Duke University Press, Durham, 39 pp.
- Fischer, P. (1874) [Ref. 78] Recherches sur les actinies des cotes [*sic*] océaniques de France. *Nouvelles Archives du Muséum d'Histoire Naturelle de Paris*, 10, 193–244.
- Fischer, P. (1875) [Ref. 79] Anthozoaires du département de la Gironde et des cotes [*sic*] sud-ouest de la France. *Actes de la Société Linnéenne de Bordeaux*, 30, 183–192.
- Fischer, P. (1887) [Ref. 80] Contribution à l'actinologie française. *Archives de Zoologie Expérimentale et Générale*, 5, 381–442.
- Fischer, P. (1888) [Ref. 543] Description d'une nouvelle espèce du genre *Edwardsia* Quatrefages. *Bulletin de la Société Zoologique de France*, 13, 22–23.
- Fischer, P. (1889) [Ref. 81] Nouvelle contribution à l'actinologie française. Première Partie. Actinies d'Arcachon (Gironde). *Actes de la Société Linnéenne de Bordeaux*, 43, 252–309.
- Fishelson, L. (1965) [Ref. 1838] Observations and experiments on the Red Sea anemones and their symbiotic fish *Amphiprion bicinctus*. *Bulletin of the Israel Sea Fisheries Research Stations (Haifa)*, 39, 1–14.
- Fishelson, L. (1970) [Ref. 815] Littoral fauna of the Red Sea: the population of non-scleractinian anthozoans of shallow waters of the

- Red Sea (Eilat). *Marine Biology*, 6, 106–116. [published June 1970]
<http://dx.doi.org/10.1007/BF00347239>
- Fisher, E. (1976) [Ref. 83] Redescription of the sea anemone *Bunodeopsis pelagica*. *Studies on the Fauna of Curaçao and other Caribbean Islands*, 50, 103–119.
- Forbes, E. (1840) [Ref. 84] On the British Actiniadae. *Annals and Magazine of Natural History*, 5, 180–184. [published May 1840]
- Forbes, E. (1841) [Ref. 85] Contributions to British actinology. I. On *Kapnea*, a new helianthoid polype. *Annals and Magazine of Natural History*, 7, 81–85. [published April 1841]
- Forsskål, P. (1775) [Ref. 86] *Descriptiones Animalium Avium, Amphibiorum, Piscium, Insectorum, Vermium; Quae in Itinere Orientali Observavit*. Mölleri, Havniæ [Copenhagen], 164 pp.
- Fowler, G.H. (1888) [Ref. 88] Two new types of Actiniaria. *Quarterly Journal of Microscopical Science*, 29, 143–152. [published October 1888]
- Fowler, G.H. (1894) [Ref. 89] *Octineon Lindahli* (W. B. Carpenter): an undescribed anthozoon of novel structure. *Quarterly Journal of Microscopical Science*, 35, 461–480. [published January 1894]
- Fricke, H.W. (1974) [Ref. 1279] Öko-Ethologie des monogamen Anemonenfisches Amphiprion bicinctus (Freiwasseruntersuchung aus dem Roten Meer). *Zeitschrift für Tierpsychologie*, 36, 429–512.
<http://dx.doi.org/10.1111/j.1439-0310.1974.tb02135.x>
- Friese, U.E. (1972) [Ref. 5059] *Sea Anemones*. T.F.H. Publications, Hong Kong, 128 pp.
- Garstang, W. (1892) [Ref. 90] On some new or rare marine animals recently discovered on the coast of Devonshire. *Reported Transactions of the Devonshire Association for the Advancement of Science, Literature, and Art*, 24, 377–386.
- Gay, C. (1854) [Ref. 5981] *Historia Fisica y Política de Chile*. Museo de Historia Natural de Santiago, Santiago, Chile, 499 pp.
 [Dickinson *et al.* (2011) [Ref. 500] discussed the dates of bird descriptions by Gay.]
- Geller, J.B., Fitzgerald, L.J. & King, C.E. (2005) [Ref. 5507] Fission in sea anemones: Integrative studies of life cycle evolution. *Integrative and Comparative Biology*, 45, 615–622. [published August 2005]
<http://dx.doi.org/10.1093/icb/45.4.615>
- Gmelin, J.F. (1796) [Ref. 91] *Caroli a Linné Systema Naturæ*. Bernuset, Delamolliere, Falque and Co., Lugduni [Lyon], 4120 pp.
- Goette, A. (1897) [Ref. 645] Einiges über die Entwicklung der Scyphopolypen. *Zeitschrift für Wissenschaftliche Zoologie*, 63, 292–378.
- Gosse, P.H. (1853) [Ref. 1241] *A Naturalist's Rambles on the Devonshire Coast*. John van Voorst, London, 451 pp.
- Gosse, P.H. (1853) [Ref. 616] Notes on some new or little-known marine animals. *Annals and Magazine of Natural History*, series 2, 12, 124–128.
- Gosse, P.H. (1853) [Ref. 92] Notes on some new or little-known marine animals. (No. 2). *Annals and Magazine of Natural History*, series 2, 12, 153–159.
- Gosse, P.H. (1854) [Ref. 93] Descriptions of three new species of British Actiniae. *Annals and Magazine of Natural History*, series 2, 14, 280–284.
- Gosse, P.H. (1855) [Ref. 95] Description of *Peachia hastata*, a new genus and species of the class Zoophyta; with observations on the family Actiniadae. *Transactions of the Linnean Society (London)*, 21, 267–276. [published November 1855]
<http://dx.doi.org/10.1111/j.1096-3642.1852.tb00463.x>
- Gosse, P.H. (1855) [Ref. 6111] *A Manual of Marine Zoology for the British Isles*. John Van Voorst, London, 203 pp.
- Gosse, P.H. (1856) [Ref. 631] On *Edwardsia carnea*, a new British Zoophyte. *Annals and Magazine of Natural History*, series 2, 18, 219–221.
- Gosse, P.H. (1856) [Ref. 870] *Edwardsia vestita* (Forbes). *Annals and Magazine of Natural History*, series 2, 18, 73–74.
- Gosse, P.H. (1858) [Ref. 97] Characters and descriptions of some new British sea-anemones. *Annals and Magazine of Natural History*, series 3, 2, 192–196. [published September 1858]
- Gosse, P.H. (1858) [Ref. 357] *A History of the British Sea-Anemones and Madreporae*. Van Voorst, London
- Gosse, P.H. (1858) [Ref. 96] Synopsis of the families, genera, and species of the British Actiniae. *Annals and Magazine of Natural History*, series 3, 1, 414–419.
- Gosse, P.H. (1859) [Ref. 98] Characters and descriptions of some new British sea-anemones. *Annals and Magazine of Natural History*, series 3, 3, 46–50.
- Gosse, P.H. (1860) [Ref. 356] *A History of the British Sea-Anemones and Corals*. Van Voorst, London, 362 pp.
<http://dx.doi.org/10.5962/bhl.title.3997>
- Gosse, P.H. (1865) [Ref. 532] On *Aegeon alfordi*, a new British sea-anemone. *Annals and Magazine of Natural History*, series 3, 16, 41–44.
- Graeffe, E. (1884) [Ref. 1356] Seethierfauna des Golfes von Triest. *Arbeiten aus dem Zoologischen Institut Universität Wien*, 5, 333–362.
- Gravenhorst, I.L.C. (1831) [Ref. 654] *Tergestina, oder Beobachtungen und Untersuchungen über einige bei Triest im Meere lebende Arten der Gattungen Octopus, Doris, Pinna, Ascidia, Serpula, Echinus, Asterias, Ophiura, Holothuria, Actinia, Caryophyllia, Actinotus*. Wilhelm Gottlieb Korn., Breslau, 166 pp.
- Gravier, C. (1916) [Ref. 99] Sur un type nouveau d'actinie de l'île San Thomé (Golfé de Guinée). *Bulletin du Muséum National d'Histoire Naturelle (Paris)*, 22, 234–236.
- Gravier, C. (1918) [Ref. 101] Note préliminaire sur les hexactiniaires recueillis au cours des croisières de la *Princesse-Alice* et de l'*Hirondelle* de 1888 à 1913 inclusivement. *Bulletin de l'Institut Océanographique (Monaco)*, 1–24.
- Gravier, C. (1922) [Ref. 358] Hexactinidés provenant des campagnes des yachts *Hirondelle I* et *II* et *Princesse-Alice I* et *II* (1888–1913). *Résultats des Campagnes Scientifiques Accomplies sur son Yacht par Albert Ier Prince Souverain de Monaco Publiés sous sa Direction avec le Concours de M. Jules Richard*. Imprimerie de Monaco, Monaco, 104 pp.

- Grebel'nyi, S.D. (2001) [Ref. 6026] Hexacorallia. *Explorations of the Fauna of the Seas*, 51, 36–38.
- Grebel'nyi, S.D. (2007) [Ref. 6001] New records of the sea anemone *Ptychodactis patula* Appellöf, 1893 (Anthozoa: Actiniaria) in the northern and far eastern seas of Russia. *Russian Journal of Marine Biology*, 33, 54–57. [published February 2007]
- Grebelny, S.D. (1982) [Ref. 526] Symmetry of actinians and its significance for the classification of Anthozoa. *Biologiya Korallovikh Reefov [Biology of Coral Reefs]*. Akademiya Nauk SSSR [Academy of Sciences of the USSR], Vladivostok, pp. 101–123. [in Russian]
- Grebelny, S.D. (1986) [Ref. 6024] Class Anthozoa, subclass Hexacorallia — hexamer corals, orders Actiniaria and Ptychodactiaria. *Life and Environmental Conditions in the Benthic Zone of the Barents Sea*. Akademia Nauk, USSR, Apatity, pp. 87–91. [in Russian]
- Grieg, J.A. (1896) [Ref. 5185] Bidrag til kundskaben om Vestlandets mollusker. *Bergens Museums Aarvog*, 1896, 3–32.
- Grieg, J.A. (1913) [Ref. 771] Bidrag til knudskapen om Hardangerfjordens fauna. *Bergens Museums Aarbok* [also known as *Årbok for Universitetet i Bergen*], 1913, 3–147.
- Griffith, J.K. & Fromont, J. (1998) [Ref. 754] A catalogue of recent Cnidaria type specimens in the Western Australian Museum of Natural Science, Perth. *Records of the Western Australian Museum (Perth)*, 19, 223–239.
- Grosholz, E.D. & Ruiz, G.M. (1996) [Ref. 6176] Predicting the impact of introduced marine species: lessons from the multiple invasions of the European Green Crab *Carcinus maenas*. *Biological Conservation*, 78, 59–66.
- Grube, A.E. (1840) [Ref. 103] *Actinien, Echinodermen und Würmer des Adriatischen und Mittelmeers [nach eigenen Sammlungen beschrieben von Dr. Adolph Eduard Grube]*. J. H. Bon, Königsberg, 92 pp.
- Haddon, A.C. (1885) [Ref. 365] A new species of *Halcampa* (*H. andresii*) from Malahide. *Scientific Proceedings of the Royal Dublin Society*, 4, 396–398.
- Haddon, A.C. (1886) [Ref. 781] First report on the marine fauna of the south-west of Ireland. Actinozoa. *Proceedings of the Royal Irish Academy*, 4, 615–618. [published July 1886]
- Haddon, A.C. (1886) [Ref. 367] Note on *Halcampa chrysanthellum*, Peach. *Scientific Proceedings of the Royal Dublin Society*, 5, 1–12.
- Haddon, A.C. (1888) [Ref. 369] On two species of Actiniae from the Mergui Archipelago, collected for the Trustees of the Indian Museum, Calcutta, by Dr. John Anderson, F.R.S., Superintendent of the Museum. *Journal of the Linnean Society of London (Zoology)*, 21, 247–255. [published June 1888]
<http://dx.doi.org/10.1111/j.1096-3642.1888.tb00977.x>
- Haddon, A.C. (1889) [Ref. 362] A revision of the British Actiniae. Part I. *Scientific Transactions of the Royal Dublin Society*, 4, 297–361. [published June 1889]
- Haddon, A.C. (1890) [Ref. 1626] Report on the Actiniae dredged off the south-west coast of Ireland in May, 1888. *Proceedings of the Royal Irish Academy*, 1, 370–374.
- Haddon, A.C. (1898) [Ref. 363] The Actiniaria of Torres Straits. *Scientific Transactions of the Royal Dublin Society*, 6, 393–520. [published August 1898]
- Haddon, A.C. (1898) [Ref. 539] *Phellia sollasi*: a new species of Actiniarian from Oceania. *Scientific Proceedings of the Royal Dublin Society*, 8, 693–695.
- Haddon, A.C. & Duerden, J.E. (1896) [Ref. 368] On some Actiniaria from Australia and other districts. *Scientific Transactions of the Royal Dublin Society*, 6, 139–172.
- Haddon, A.C. & Shackleton, A.M. (1893) [Ref. 364] Description of some new species of Actiniaria from Torres Straits. *Scientific Proceedings of the Royal Dublin Society*, 8, 116–131. [published 25 March 1893]
- Haeckel, E. (1876) [Ref. 104] *Arabische Korallen*. Georg Reimer, Berlin, 49 pp.
- Häussermann, V. (2003) [Ref. 1881] Redescription of *Oulactis concinnata* (Drayton in Dana, 1846) (Cnidaria: Anthozoa: Actiniidae), an actiniid sea anemone from Chile and Perú with special fighting tentacles; with a preliminary revision of the genera with a "frond-like" marginal ruff. *Zoologische Verhandlungen*, 345, 173–207. [published 31 October 2003]
- Häussermann, V. (2004) [Ref. 5017] Re-description of *Phymactis papillosa* (Lesson, 1830) and *Phymanthea pluvia* (Drayton in Dana, 1846) (Cnidaria: Anthozoa), two common actiniid sea anemones from the south east Pacific with a discussion of related genera. *Zoologische Mededelingen, Leiden*, 78, 345–381. [published 31 December 2004]
- Häussermann, V. (2004) [Ref. 5006] The sea anemone genus *Actinostola* (Verrill 1883): variability and utility of traditional taxonomic features, and a re-description of *Actinostola chilensis* (McMurrich 1904). *Polar Biology*, 28, 26–38. [published 12 August 2004]
- Häussermann, V. & Försterra, G. (2001) [Ref. 1485] A new species of sea anemone from Chile, *Anemonia alicemartinae* n. sp. (Cnidaria: Anthozoa). An invader or an indicator for environmental change in shallow water? *Organisms Diversity & Evolution*, 1, 211–224.
<http://dx.doi.org/10.1078/1439-6092-00018>
- Häussermann, V. & Försterra, G. (2005) [Ref. 5503] Distribution patterns of Chilean shallow-water sea anemones (Cnidaria: Anthozoa: Actiniaria, Corallimorpharia), with a discussion of the taxonomic and zoogeographic relationships between the actinofauna of the South East Pacific, the South West Atlantic, and the Antarctic. *Scientia Marina*, 69 (Suppl. 2), 91–102.
- Häussermann, V. & Försterra, G. (2008) [Ref. 5991] A new species of sea anemone from the Chilean fjord region, *Paraisanthus fabiani* (Actiniaria: Isanthidae), with a discussion of the family Isanthidae Carlgren, 1938. *Zootaxa*, 1897, 27–42. [published 10 October 2008]
- Haime, J. (1854) [Ref. 916] Memoire sur le cérianthe (*Cerianthus membranaceus*). *Annales des Sciences Naturelles*, 1, 341–389.
- Hand, C.H. (1955) (for 1954) [Ref. 370] The sea anemones of central California Part I. The corallimorpharian and athenarian anemones. *Wasmann Journal of Biology*, 12, 345–375. [published 7 January 1955]
- Hand, C.H. (1955) [Ref. 371] The sea anemones of central California Part II. The endomyarian and mesomyarian anemones. *Wasmann Journal of Biology*, 13, 37–99. [published 3 October 1955]

- Hand, C.H. (1956) (for 1955) [Ref. 372] The sea anemones of central California Part III. The acontiarian anemones. *Wasmann Journal of Biology*, 13, 189–251. [published 14 February 1956]
- Hand, C.H. (1957) [Ref. 373] Another sea anemone from California and the types of certain Californian anemones. *Journal of the Washington Academy of Sciences*, 47, 411–414.
- Hand, C.H. (1961) [Ref. 377] Two new acontiate New Zealand sea anemones. *Transactions of the Royal Society of New Zealand*, 1, 75–89.
- Hand, C.H. (1976) (for 1975) [Ref. 375] Descriptions of two New Zealand sea anemones (Actiniaria: Hormathiidae). *New Zealand Journal of Marine and Freshwater Research*, 9, 493–507.
<http://dx.doi.org/10.1080/00288330.1975.9515584>
- Hand, C.H. & Bushnell, R. (1967) [Ref. 376] A new species of burrowing acontiate anemone from California (Isophelliidae: Flosmaris). *Proceedings of the United States National Museum*, 120, 1–8.
<http://dx.doi.org/10.5479/si.00963801.120-3554.1>
- Hand, C.H. & Uhlinger, K.R. (1994) [Ref. 1862] The unique, widely distributed, estuarine sea anemone, *Nematostella vectensis* Stephenson: a review, new facts, and questions. *Estuaries*, 17, 501–508. [published June 1994]
- Hanlon, R.T., Hixon, R.F. & Smith, D.G. (1983) [Ref. 1285] Behavioral associations of seven West Indian reef fishes with sea anemones at Bonaire, Netherlands Antilles. *Bulletin of Marine Science*, 33 (4), 928–934.
- Haque, M.M. (1977) [Ref. 3434] Some littoral coelenterates of Bangladesh and Pakistan coasts. *Bangladesh Journal of Zoology*, 5, 33–40.
- Hargitt, C.W. (1908) [Ref. 533] Notes on a few coelenterates of Woods Holl. *Biological Bulletin*, 14, 95–120. [published 1 January 1908]
<http://dx.doi.org/10.2307/1535721>
- Hargitt, C.W. (1911) [Ref. 105] *Cradactis variabilis*: an apparently new Tortugan actinian. *Papers from the Tortugas Laboratory of the Carnegie Institution of Washington*, 3, 51–53.
- Hargitt, C.W. (1912) [Ref. 106] The Anthozoa of the Woods Hole region. *Bulletin of the Bureau of Fisheries*, 32, 221–254.
- Hartlaub, C. (1884) [Ref. 882] Die Coelenteraten Helgolands. Vorläufiger Bericht. *Wissenschaftliche Meeresuntersuchungen*, 1, 161–206.
- den Hartog, J.C. (1977) [Ref. 108] Notes on the little known sea anemone *Cataphellia brodricii* and on the closely allied *Hormathia coronata* and *Paraphellia expansa* (Actiniaria, Hormathiidae). *Netherlands Journal of Zoology*, 27, 237–244.
- den Hartog, J.C. (1980) [Ref. 378] Caribbean shallow water Corallimorpharia. *Zoologische Verhandelingen*, 176, 1–83. [published 14 March 1980]
- den Hartog, J.C. (1987) [Ref. 109] A redescription of the sea anemone *Bunodosoma biscayensis* (Fischer, 1874) (Actiniaria, Actiniidae). *Zoologische Mededelingen, Leiden*, 61, 533–559.
- den Hartog, J.C. (1994) [Ref. 6022] Sea anemones of the Seychelles. In: van der Land, J. (Ed.), *Oceanic Reefs of the Seychelles*. National Museum of Natural History, Leiden, pp. 75–79.
- den Hartog, J.C. (1995) [Ref. 142] The genus *Telmatactis* Gravier, 1916 (Actiniaria: Acontiarina: Isophelliidae) in Greece and the eastern Mediterranean. *Zoologische Mededelingen, Leiden*, 69, 153–176.
- den Hartog, J.C. (1997) [Ref. 759] The sea anemone fauna of Indonesian coral reefs. In: Tomascik, T., Mah, A.J., Nontji, A. & Moosa, M.K. (Eds.), *The Ecology of the Indonesian Seas, Part I*. Periplus Editions, Republic of Singapore, pp. 351–370.
- den Hartog, J.C. & Ocaña, O. (2003) [Ref. 1854] A new endemic *Actinia* species (Actiniaria: Actiniidae) from the central Macaronesian Archipelagos. *Zoologische Mededelingen, Leiden*, 77, 229–244. [published 29 August 2003]
- den Hartog, J.C., Ocaña, O. & Brito, A. (1993) [Ref. 111] Corallimorpharia collected during the CANCAP expeditions (1976–1986) in the south-eastern part of the North Atlantic. *Zoologische Verhandelingen*, 282, 3–76.
- den Hartog, J.C. & Vennam, J. (1993) [Ref. 110] Some Actiniaria (Cnidaria: Anthozoa) from the west coast of India. *Zoologische Mededelingen, Leiden*, 67, 601–637.
- Hauswaldt, J.S. & Pearson, K.E. (1999) [Ref. 784] *Urticina mcepeaki*, a new species of sea anemone (Anthozoa: Actiniaria: Actiniidae) from the North American Pacific coast. *Proceedings of the Biological Society of Washington*, 112, 652–660. [published 29 December 1999]
- Haylor, G.S., Thorpe, J.P. & Carter, M.A. (1984) [Ref. 112] Genetic and ecological differentiation between sympatric colour morphs of the common intertidal sea anemone *Actinia equina*. *Marine Ecology Progress Series*, 16, 281–289. [published 22 March 1984]
<http://dx.doi.org/10.3354/meps016281>
- Hedgpeth, J.W. (1954) [Ref. 113] Anthozoa: the anemones. *Fisheries Bulletin of the Fish and Wildlife Service (U.S.)*, 55 (Gulf of Mexico: Its Origin, Waters, and Marine Life), 285–290.
- Heider, A.R. (1877) [Ref. 639] *Sagartia troglodytes* Gosse, ein Beitrag zur Anatomie der Actinien. *Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften in Wien, Mathematisch-Naturwissenschaftliche*, 75, 367–414.
- Heller, C. (1868) [Ref. 662] *Die Zoophyten und Echinodermen des adriatischen Meeres*. Druck von Carl Ueberreuter (M. Salzer), Wien, 86 pp.
- Herdman, W.A. (1891) [Ref. 570] The biological results of the cruise of the S.Y. "Argo" round the west coast of Ireland in August, 1890. *Proceedings and Transactions of the Liverpool Biological Society*, 5, 181–201.
- Herdman, W.A. (1918) [Ref. 569] The marine biological station at Port Erin being the thirty-second annual Report of the Liverpool Marine Biology Committee. *Proceedings and Transactions of the Liverpool Biological Society*, 33, 31–32.
- Herrera Moreno, A. (1981) [Ref. 1251] Nuevos registros de anémonas (Coelenterata: Actiniaria y Corallimorpharia) para aguas cubanas. *Poeyana: Instituto de Zoología, Academia de Ciencias de Cuba*, 1–3. [published 10 February 1981]
- Hertwig, R. (1882) [Ref. 379] *Die Actinien der Challenger Expedition*. Gustav Fischer, Jena, 119 pp.
- Hertwig, R. (1882) [Ref. 380] Report on the Actiniaria dredged by H.M.S. Challenger during the years 1873–1876. *Report on the*

- Scientific Results of the Voyage of the H.M.S. Challenger during the years 1873-76 (Zoology)*, 6, 1–136.
- Hertwig, R. (1882) [Ref. 114] Die Tiefseeactinien des *Challenger*. *Jenaische Zeitschrift für Naturwissenschaft*, 1881, 10–13.
- Hertwig, R. (1888) [Ref. 382] Report on the Actiniaria dredged by H.M.S. *Challenger* during the years 1873-1876 [Supplement]. *Report on the Scientific Results of the Voyage of the H.M.S. Challenger during the years 1873-76 (Zoology)*, 26, 1–56.
- Hickson, S.J. (1889) [Ref. 593] Coelenterata. *Zoological Record*, 26, 1–24.
- Hiles, I.L. (1899) [Ref. 580] The Gorgonacea collected by Dr. Willey. *Zoological Results Based on Material from New Britain, New Guinea, Loyalty Islands and Elsewhere by Arthur Willey*, 2, 195–206.
- Hirose, Y. (1985) [Ref. 1291] Habitat, distribution and abundance of coral reef sea-anemones (Actiniidae and Stichodactylidae) in Sesoko Island, Okinawa, with notes on expansion and contraction behavior. *Galaxea*, 4 (2), 113–127.
- Holdsworth, E.W.H. (1855) [Ref. 6125] Description of a new sea anemone. *Proceedings of the Zoological Society of London*, 23, 85–86.
- Holdsworth, E.W.H. (1855) [Ref. 116] Description of two new species of Actinia, from the south coast of Devon. *Proceedings of the Zoological Society of London*, 23, 235–237.
- Hollard, M.H. (1848) [Ref. 1416] *Études sur l'organisation des Actinies*. Imprimerie de Marc Ducloux et Ce, Paris. [published 28 February 1848] [number of pages unknown]
- Honma, T., Kawahata, S., Ishida, M., Nagai, H., Nagashima, Y. & Shiomi, K. (2008) [Ref. 5956] Novel peptide proteins from the sea anemone *Stichodactyla haddoni*. *Peptides*, 29, 536–544. [published April 2008]
- Hutton, F.W. (1879) [Ref. 117] The sea anemones of New Zealand. *Transactions and Proceedings of the New Zealand Institute*, 11, 308–314. [published May 1879]
- Hutton, F.W. (1880) [Ref. 761] Contributions to the coelenterate fauna of New Zealand. *Transactions and Proceedings of the New Zealand Institute*, 12, 274–276. [published May 1880]
- Ilmoni, I. (1830) [Ref. 661] Dr. Ilmoni aus Finnland schickte folgende Beiträge zur Naturgeschichte der Actinien ein. *Isis von Oken*, 23, 694–699.
- Ilyna [Il'ina], A.P., Monastyrnaya, M.M., Sokotun, I.N., Egorov, T.A., Nazarenko, Y.A., Likhatskaya, G.N. & Kozlovskaya, E.P. (2005) [Ref. 5032] Actinoporins from the Sea of Japan anemone *Oulactis orientalis*: isolation and partial characterization. *Russian Journal of Bioorganic Chemistry*, 31, 34–42. [published January 2005]
- International Commission on Zoological Nomenclature (1956) [Ref. 6169] Opinion 417. Rejection for nomenclatorial purposes of Volume 3 (Zoologie) of the work by Lorenz Oken entitled “Okens Lehrbuch der Naturgeschichte” published in 1815–1816. *Bulletin of Zoological Nomenclature*, 14, 3–6. [published September 1956]
- International Commission on Zoological Nomenclature (1974) [Ref. 6198] Opinion 1013. *Priapus humanus* Linnaeus, 1758 and *Holothuria priapus humanus* Linnaeus, 1767 (*Priapulida*): suppression under the plenary powers. *Bulletin of Zoological Nomenclature*, 30, 171–172. [published 28 June 1974]
- International Commission on Zoological Nomenclature (1984) [Ref. 6166] Opinion 1269 (Case 2263): Metridiidae Carlgren Carlgrén, 1893 (Anthozoa) and Metridiidae Sars, 1902 (Copepoda): a ruling to eliminate the homonymy. *Bulletin of Zoological Nomenclature*, 41, 19–21. [published 29 March 1984; decision on case proposed by Dunn & Hulsemann (1979) [Ref. 338]]
- International Commission on Zoological Nomenclature (1985) [Ref. 486] Opinion 1294: *Edwardsia* de Quatrefages, 1841 (Coelenterata, Actiniaria): conserved. *Bulletin of Zoological Nomenclature*, 42, 31–33.
- International Commission on Zoological Nomenclature (1985) [Ref. 6168] Opinion 1295 (Case 825): *Actinia* Linnaeus, 1767 and Actiniidae Rafinesque, 1815 (Coelenterata, Actiniaria) and *Pentacta* Goldfuss, 1820 (Echinodermata, Holothurioidea) [*sic*]: conserved. *Bulletin of Zoological Nomenclature*, 42, 34–36. [published April 1985; decision on case proposed by Williams, Cornelius, & Clark (1982) [Ref. 489]]
- International Commission on Zoological Nomenclature (2004) [Ref. 4901] Opinion 2073 (Case 3206): *Halcampella* Andres, 1883 (Cnidaria, Anthozoa, Actiniaria): *H. maxima* Hertwig, 1888 designated as the type species. *Bulletin of Zoological Nomenclature*, 61, 1–123. [published 30 June 2004; decision on case proposed by Rodríguez & López-González (2002) [Ref. 1767]]
- Isomura, N. & Nishihira, M. (2006) [Ref. 5733] Distribution of intertidal sea anemones in Mutsu Bay, northern Japan. *Plankton and Benthos Research*, 1, 200–207.
<http://dx.doi.org/10.3800/pbr.1.200>
- Jarms, G. & Tiemann, H. (2004) [Ref. 1874] *Actinostola callosa* (Verrill, 1882) (Actinostolidae, Anthozoa), a medusivorous sea anemone and its mass occurrence in the Lurefjord, Norway. *Helgoländer Marine Research*, 58, 15–17. [published February 2004]
<http://dx.doi.org/10.1007/s10152-003-0158-y>
- Johnson, J.Y. (1861) [Ref. 118] Notes on the sea-anemones of Madeira, with descriptions of new species. *Proceedings of the Zoological Society of London*, 1861, 298–306.
- Johnston, G. (1832) [Ref. 632] Illustrations in British Zoology. *Magazine of Natural History*, 5, 163–164.
- Johnston, G. (1838) [Ref. 634] *A History of the British Zoophytes*. W. H. Lizars; S. Highley; W. Curry, Edinburgh; London; Dublin, 341 pp.
- Johnston, G. (1847) [Ref. 694] *A History of the British Zoophytes, second edition*. John Van Voorst, London, 488 pp.
<http://dx.doi.org/10.5962/bhl.title.4736>
- Jordan, R.C.R. (1855) [Ref. 6060] Some account of the Actiniadae found upon the coast near Teignmouth, Devon. *Annals and Magazine of Natural History*, series 2, 15, 81–91. [published February 1855]
- Jourdan, É. (1880) [Ref. 119] Recherches zoologiques et histologiques sur les zoanthaires du Golfe de Marseille. *Annales des Sciences Naturelles*, 10, 1–154.
- Jourdan, É. (1895) [Ref. 668] Zoanthaires provenant des campagnes du yacht l'*Hirondelle* (Golfe de Gascogne, Açores, Terre-Neuve). *Résultats des Campagnes Scientifiques du Prince de Monaco*, 8, 1–36.
- Keferstein, W. (1862) [Ref. 719] Untersuchungen über niedere Seethiere III. Über *Xanthiopus*, eine neue Gattung fussloser Actinien.

- Nachrichten von der G. A. Universität und der Königl. Gesellschaft der Wissenschaften zu Göttingen*, 12, 60–71. [Précis of Keferstein, 1862 [Ref. 721]].
- Keferstein, W. (1862) [Ref. 721] Untersuchungen über niedere Seethiere. III. Ueber *Xanthiopus*, eine neue Gattung fussloser Actinien. *Zeitschrift für Wissenschaftliche Zoologie*, 12, 31–34. [Article, which was condensed in Keferstein, 1862 [Ref. 719], constitutes number 1 of volume 12, issued 16 June 1862; entire bound volume dated 1863]
- Kirk, H.B. & Stuckey, F.G.A. (1909) [Ref. 120] Two species of Actiniaria from Campbell Island. In: Chilton, C. (Ed.), *The Subantarctic Islands of New Zealand — Reports on the geo-physics, geology, zoology, and botany of the islands lying to the south of New Zealand, based mainly on observations and collections made during an expedition in the government steamer "Hinemoa" (Captain J. Bollons) in November, 1907*. Philosophical Institute of Canterbury, Wellington, New Zealand, pp. 384–388.
- Klunzinger, C.B. (1877) [Ref. 121] *Die Korallthiere des Rothen Meeres. 1: Die Alcyonarien und Malacodermen*. Gutmann'schen Buchhandlung, Berlin, 98 pp.
- Koch, G.v. (1878) [Ref. 642] Mittheilungen über Coelenteraten. Zur Phylogenie der Antipatharia. *Morphologisches Jahrbuch*, 4, 74–86.
- Koren, J. & Danielssen, D.C. (1877) [Ref. 582] Beskrivelse over nogle nye norske Coelenterater [Description of some new Norwegian coelenterates]. In: Koren, J. & Danielssen, D.C. (Eds.), *Fauna Littoralis Norvegiae*. J. D. Beyer, Bergen, pp. 77–81.
- Korotneff (1886) [Ref. 766] *Polyparium ambulans*. *Zoologischer Anzeiger*, 9, 320–323.
- Kostina, E.E. (1988) [Ref. 506] Biogeographical characteristics of sea anemones of the Pacific boreal region. *Biologiya Morya*, 1988, 14–21.
- Krempf, A. (1905) [Ref. 124] Liste des Hexanthides⁽¹⁾ rapportés de l'Océan Indien (Golfe de Tadjourah) par M. Ch. Gravier. *Bulletin du Muséum National d'Histoire Naturelle (Paris)*, 11, 191–196.
- Kruger, L.M. & Griffiths, C.L. (1998) [Ref. 5658] Sea anemones as secondary consumers on rocky shores in the south-western Cape, South Africa. *Journal of Natural History*, 32, 629–644.
<http://dx.doi.org/10.1080/00222939800770331>
- Kwietniewski, C.R. (1896) [Ref. 397] Actiniaria von Ternate, nach den Sammlungen von Herrn Prof. Dr. W. Kükenthal. *Zoologischer Anzeiger*, 19, 388–391.
- Kwietniewski, C.R. (1896) [Ref. 398] Revision der Actinien, welche von Herrn Prof. Studer auf der Reise der Korvette *Gazelle* um die Erde gesammelt wurden. *Jenaische Zeitschrift für Naturwissenschaft*, 30, 583–603.
- Kwietniewski, C.R. (1897) [Ref. 399] Actiniaria von Ternate. *Senckenbergischen Naturforschenden Gesellschaft*, 23, 321–345.
- Kwietniewski, C.R. (1897) [Ref. 400] *Ein Beitrag zur Anatomie und Systematik der Actiniarien*. Universitaet Jena, Jena, 34 pp.
- Kwietniewski, C.R. (1898) [Ref. 125] Actiniaria von Ambon und Thursday Island. *Zoologische Forschungsreisen in Australien und dem Malayischen Archipel von Richard Semon*. Gustav Fischer, Jena, pp. 385–430.
- Kwietniewski, C.R. (1898) [Ref. 574] Actiniaria von Ost-Spitzbergen, nach den Sammlungen von Prof. Dr. W. Kükenthal und Dr. A. Walter. *Zoologische Jahrbücher Abteilung für Systematik, Geographie und Biologie der Tiere*, 11, 121–140.
- Lager, E. (1911) [Ref. 127] Actiniaria. Die Fauna Südwest-Australiens. *Ergebnisse der Hamburger südwest-australischen Forschungsreise 1905*. Gustav Fischer, Jena, pp. 215–249.
- Lampitt, R.S. & Paterson, G.L.J. (1987) [Ref. 5531] The feeding behaviour of an abyssal sea anemone from in situ time lapse photographs and trawl samples. *Oceanologica Acta*, 10, 455–461.
- Landsborough, D. (1852) [Ref. 383] *A Popular History of British Zoophytes, or Corallines*. Reeve and Co., London, 404 pp.
<http://dx.doi.org/10.5962/bhl.title.11925>
- Lauretta, D. (2013) [Ref. 6242] New sea anemone (Anthozoa: Actiniaria) from Patagonia: *Andvakia manoloi* sp. nov. *Zootaxa*, 3646 (2), 149–159.
<http://dx.doi.org/10.11646/zootaxa.3646.2.3>
- Lauretta, D., Häussermann, V., Brugler, M.R. & Rodríguez, E. (2014) [Ref. 6243] *Isoparactis fionae* sp. nov. (Cnidaria: Anthozoa: Actiniaria) from southern Patagonia with a discussion of the family Isanthidae. *Organisms Diversity & Evolution*, 14, 31–42. [published March 2014]
- Lauretta, D., Rodríguez, E. & Penchaszadeh, P.E. (2011) [Ref. 6184] A new vermiform sea anemone (Anthozoa: Actiniaria) from Argentina: *Harenactis argentina* sp. nov. *Zootaxa*, 3027, 9–18. [published 15 September 2011]
- Le Sueur, C.A. (1817) [Ref. 128] Observations on several species of the genus *Actinia*; illustrated by figures. *Journal of the Academy of Sciences of Philadelphia*, 1, 149–154, 169–189. [published December 1817]
- Leach, W.E. (1830) [Ref. 5875] Description of some new species of the class Myriapoda. *Transactions of the Plymouth Institution*, 1830, 158–168.
- Leidy, J. (1855) [Ref. 615] Contributions towards a knowledge of the marine invertebrate fauna of the coasts of Rhode Island and New Jersey. *Journal of the Academy of Sciences of Philadelphia*, 3, 135–141.
- Leslie, G. & Herdman, W.A. (1881) [Ref. 1532] *The Invertebrate Fauna of the Firth of Forth*. M'Farlane & Erskine, Edinburgh, 106 pp.
- Lesson, R.P. (1830) [Ref. 123] *Description des animaux de la famille des Actiniées. Voyage Autour du Monde, Exécuté par Ordre du Roi, sur la Corvette de La Majesté, La Coquille, pendant les années 1822, 1823, 1824, et 1825, sous le ministère et conformément aux instructions de S. E. M. de Marquis de Clermont-Tonnerre, ministre de la marine*. Arthus Bertrand, Paris, pp. 67–83.
- Lessona, M. (1865) [Ref. 563] Sopra due nuove specie di animali invertebrati raccolte nel Golfo di Genova. *Atti della Società Italiana di Scienze Naturali*, 8, 423–428.
- Lewis, J.B. (1960) [Ref. 1100] The fauna of rocky shores of Barbados, West Indies. *Canadian Journal of Zoology*, 38, 391–435. [published April 1960]
- Li, Y. & Liu, R.-Y. (2012) [Ref. 6214] *Aulactinia sinensis*, a new species of sea anemone (Cnidaria: Anthozoa: Actiniaria) from Yellow Sea. *Zootaxa*, 3476, 62–68.

- Linnaeus, C. (1758) [Ref. 768] *Systema Naturæ. Regnum Animale*. facsimile produced by the Cura Societatis Zoologiæ Germaniæ, Lipsiæ [Leipzig]. [number of pages unknown]
- Linnaeus, C. (1761) [Ref. 129] *Fauna Svecica*. Laurentii Salvii, Stockholm, 578 pp.
- Linnaeus, C. (1767) [Ref. 130] *Systema Naturæ*. Laurentii Salvii, Holmiæ [Stockholm], 533–1327 pp.
- Loukmidou, S., Chintiroglou, C.C. & Doumenc, D.A. (1997) (1996) [Ref. 664] Inventaire du cnidome des actiniaires et corallimorphaires de Mediterranee (Cnidaria, Anthozoa). *Bios*, 4, 63–114.
- López-González, P.J., den Hartog, J.C. & García-Gómez, J.C. (1995) [Ref. 586] *Onubactis rocioi* gen. et spec. nov., a new species of Actiniidae (Anthozoa: Actiniaria) from the southern Iberian Peninsula. *Zoologische Mededelingen, Leiden*, 69, 375–383.
- López-González, P.J., Rodríguez, E., Gili, J. & Segonzac, M. (2003) [Ref. 1863] New records on sea anemones (Anthozoa: Actiniaria) from hydrothermal vents and cold seeps. *Zoologische Verhandlungen*, 345, 215–243.
- López-González, P.J., Rodríguez, E. & Segonzac, M. (2005) [Ref. 5873] A new species of sea anemone (Cnidaria: Anthozoa: Actiniaria) from Manus Basin hydrothermal vents, South-western Pacific. *Marine Biology Research*, 1, 326–337.
- Lütken, C. (1861) [Ref. 708] Nogle Bémærkninger om de ved de danske Kyster iagttagne Arter af Aktiniernes Gruppe. *Videnskabelige Meddelelser fra Dansk Naturhistorisk Forening (Copenhagen)*, 14, 184–200.
- Lütken, C. (1875) [Ref. 1452] A revised catalogue of the Anthozoa and Calycozoa of Greenland. In: Jones, T.R. (Ed.), *Manual of the Natural History, Geology, and Physics of Greenland and the Neighbouring Regions*. Her Majesty's Stationery Office, London, pp. 186–187.
- M'Intosh, W.C. (1866) [Ref. 560] Note on two new species of the genus *Edwardsia*. *Proceedings of the Royal Society of Edinburgh*, 5, 394–395.
- McCommas, S.A. (1983) [Ref. 525] A taxonomic approach to evaluation of the charge state model using twelve species of sea anemone. *Genetics*, 103, 741–752.
- McCrary, J. (1859) [Ref. 626] [On *Anthea flavidula*]. *Proceedings of the Elliott Society of Natural History of Charleston, South Carolina*, 1, 279–280.
- McFadden, C.S., Grosberg, R.K., Cameron, B.B., Karlton, D.P. & Secord, D. (1997) [Ref. 1731] Genetic relationships within and between clonal and solitary forms of the sea anemone *Anthopleura elegantissima* revisited: evidence for the existence of two species. *Marine Biology*, 128, 127–139. [published April 1997]
- McMurrich, J.P. (1887) [Ref. 385] Notes on the fauna of Beaufort, North Carolina. *Studies at the Biological Laboratory of the Johns Hopkins University (Baltimore)*, 4, 55–63.
- McMurrich, J.P. (1889) [Ref. 387] The Actiniaria of the Bahama Islands, W.I. *Journal of Morphology*, 3, 1–80.
- McMurrich, J.P. (1889) [Ref. 546] A contribution to the actinology of the Bermudas. *Proceedings of the Academy of Natural Sciences of Philadelphia, 1889*, 102–126.
- McMurrich, J.P. (1893) [Ref. 386] Report on the Actiniæ collected by the United States Fish Commission Steamer *Albatross* during the winter of 1887–1888. *Proceedings of the United States National Museum*, 16, 119–216.
<http://dx.doi.org/10.5479/si.00963801.16-930.119>
- McMurrich, J.P. (1898) [Ref. 388] Report on the Actiniaria collected by the Bahama Expedition of the State University of Iowa, 1893. *Bulletin from the Laboratories of Natural History, State University of Iowa*, 4, 225–249.
- McMurrich, J.P. (1901) [Ref. 390] Contributions on the morphology of the Actinozoa VI. *Halcurias pilatus* and *Endocoelactis*. *Biological Bulletin*, 2, 155–163. [published 1 January 1901]
<http://dx.doi.org/10.2307/1535781>
- McMurrich, J.P. (1901) [Ref. 389] Report on the Hexactiniæ of the Columbia University Expedition to Puget Sound during the summer of 1896. *Annals of the New York Academy of Sciences*, 14, 1–52. [published December 1901]
- McMurrich, J.P. (1903) [Ref. 1625] Note on the sea anemone, *Sagartia paguri* Verrill. *Proceedings of the United States National Museum*, 26, 427–428.
<http://dx.doi.org/10.5479/si.00963801.26-1315.427>
- McMurrich, J.P. (1904) [Ref. 391] The Actiniæ of the Plate collection. *Zoologische Jahrbücher*, 6 (Suppl.), 215–306. [published 9 May 1904]
- McMurrich, J.P. (1905) [Ref. 393] A Revision of the Duchassaing and Michelotti Actinian Types in the Museum of Natural History, Turin. *Bollettino del Musei di Zoologia ed Anatomia Comparata*, 20, 1–23.
- McMurrich, J.P. (1911) [Ref. 394] The Actiniaria of Passamaquoddy Bay, with a discussion of their synonymy. *Transactions of the Royal Society of Canada*, 4, 59–83.
- McMurrich, J.P. (1912) [Ref. 1628] Notes on the actiniæ occurring in the neighbourhood of the biological station, St. Andrews, N.B. *Contributions to Canadian Biology*, 1, 33–35.
- McMurrich, J.P. (1913) [Ref. 392] Description of a new species of actinian of the genus *Edwardsiella* from southern California. *Proceedings of the United States National Museum*, 44, 551–553.
<http://dx.doi.org/10.5479/si.00963801.44-1967.551>
- McMurrich, J.P. (1913) [Ref. 395] On two new actinians from the coast of British Columbia. *Proceedings of the Zoological Society of London*, 56, 963–972.
- McMurrich, J.P. (1921) [Ref. 396] Note on the systematic position and distribution of the actinian *Sagartia luciae*. *Proceedings of the Zoological Society of London*, 2, 729–739.
- McPeak, R.H. (1968) [Ref. 134] A new species of acontiate anemone from southern California (Sagartiidae: *Sagartia*). *Bulletin of the Southern California Academy of Sciences*, 67, 182–193.
- Maguire, K. (1898) [Ref. 1250] Notes on certain Actiniaria. *Scientific Proceedings of the Royal Dublin Society*, 8, 717–731. [published 23 July 1898]
- Manjarrés, G. (1978) [Ref. 133] Nuevos encuentros de actinias (Hexacorallia) en la region de Santa Marta, Colombia. *Anales de*

Instituto Investigacion Marina (Punta Betín), 10, 127–132.

- Manuel, R.L. (1975) [Ref. 135] A new sea-anemone from a brackish lagoon in Sussex, *Edwardsia ivelli*, sp. nov. *Journal of Natural History*, 9, 705–711.
- Manuel, R.L. (1977) [Ref. 136] A redescription of *Edwardsia beaulempsi* and *E. timida* (Actiniaria: Edwardsiidae). *Cahiers de Biologie Marine*, 18, 483–497.
- Manuel, R.L. (1981) [Ref. 384] *British Anthozoa keys and notes for the identification of the species*. Academic Press, London, New York, Toronto, Sydney, San Francisco, 241 pp.
- Manuel, R.L. (1981) [Ref. 138] On the identity of the sea anemone *Scolanthus callimorphus* Gosse, 1853 (Actiniaria: Edwardsiidae). *Journal of Natural History*, 15, 265–276.
- Marion, A.F. (1882) [Ref. 640] Actiniaires atlantiques des dragages de l'avis le Travailleur. *Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences, Paris*, 94, 458–460.
- Mariscal, R.N. (1970) [Ref. 1292] A field and laboratory study of the symbiotic behavior of fishes and sea anemones from the tropical Indo-Pacific. *University of California Publications in Zoology*, 91, 1–43.
- Mariscal, R.N. (1972) [Ref. 5024] Behavior of symbiotic fishes and sea anemones. In: Winn, H.E. & Olla, B.L. (Eds.), *Behavior of Marine Animals*. Plenum Publishing Corporation, New York, pp. 327–360.
- Mathew, K. (1967) [Ref. 1357] Observations on *Anthopleura nigrescens* (Verrill). *Bulletin Department of Marine Biology and Oceanography*, 3, 41–44.
- Mathew, K. (1979) [Ref. 1008] Studies on the biology of a sea anemone, *Anthopleura nigrescens* (Verrill) from the south west coast of India. *Bulletin of the Department of Marine Sciences, University of Cochin*, 10, 75–158.
- Mathew, K. & Kurian, C.V. (1979) (1976) [Ref. 559] A new actinian *Paratealia keralensis* gen. et sp. nov. from the southwest coast of India. *Journal of the Marine Biological Association of India*, 18, 159–162.
- Menon, K.R. (1927) [Ref. 160] Subclass Zoantharia (except Scleractinia). *Bulletin of Madras Government Museum (Natural History Section)*, 1, 31–40.
- Migot, A. & Portmann, A. (1926) [Ref. 588] Sur un actinaire nouveau de la Méditerranée (*Chondranthus denudatum* n. g. n. sp.). *Comptes Rendus de l'Académie des Sciences, Paris*, 182, 87–89. [published July or later in 1926]
- Migot, A. & Portmann, A. (1926) [Ref. 161] Sur la structure et les affinités de *Chondranthus denudatus* (1) Actinaire nouveau de la Méditerranée. *Bulletin de la Société Zoologique de France*, 51, 19–30. [published 20 March 1926]
- Milne Edwards, H. (1857) [Ref. 508] *Histoire Naturelle des Coralliaires ou Polypes Proprement Dits, vol. 1*. Librairie Encyclopédique de Roret, Paris, 326 pp.
<http://dx.doi.org/10.5962/bhl.title.11911>
- Milne Edwards, H. & Haime, J. (1851) [Ref. 162] *Archives du Muséum d'Histoire Naturelle*. Gide et J. Baudry, Paris, 502 pp.
- Misra, A. (1975) [Ref. 6163] A note on the collection and narcotization of a giant variety of sea anemone, *Paracondylactis* sp. from Sagar Island. *Newsletter, Zoological Survey of India*, 1, 46–47. [published October 1975]
- Misra, A. & Soota, T.D. (1981) [Ref. 163] On the occurrence of the sea anemone *Phytocoeteopsis ramunii* Panikkar (Actiniaria: Haliactiidae) in a tidal creek of Sagar Island, West Bengal; and a note on its nematocysts. *Bulletin of the Zoological Survey of India (Calcutta)*, 4, 151–153.
- Mitchell, P.C. (1890) [Ref. 164] *Thelaceros rhizophoræ*, n. g. et sp., an actinian from Celebes. *Quarterly Journal of Microscopical Science*, 30, 551–563. [published January 1890]
- Monroy-Estrada, H.I., Segura-Puertas, L., Galván-Arzate, S., Santamaria, A., & Sánchez-Rodríguez (2007) [Ref. 5770] The crude venom from the sea anemone *Stichodactyla helianthus* induces haemolysis and slight peroxidative damage in rat and human erythrocytes. *Toxicology in Vitro*, 21, 398–402. [published April 2007]
- Monteiro, F.A., Solé-Cava, A.M. & Thorpe, J.P. (1997) [Ref. 5799] Extensive genetic divergence between populations of the common intertidal sea anemone *Actinia equina* from Britain, the Mediterranean and the Cape Verde Islands. *Marine Biology*, 129, 425–433. [published September 1997]
- Moseley, H.N. (1877) [Ref. 166] On new forms of Actiniaria dredged in the deep sea; with a description of certain pelagic surface-swimming species. *Transactions of the Linnean Society (London)*, 1, 295–305.
- Moyer, J.T. (1976) [Ref. 1295] Geographical variation and social dominance in Japanese populations of the anemonefish *Amphiprion clarkii*. *Japanese Journal of Ichthyology*, 23, 12–22. [published 20 August 1976]
- Moyer, J.T. & Bell, L.J. (1976) [Ref. 1293] Reproductive behavior of the anemonefish *Amphiprion clarkii* at Miyake-Jima, Japan. *Japanese Journal of Ichthyology*, 23, 23–32. [published 20 August 1976]
- Moyer, J.T. & Sawyers, C.E. (1973) [Ref. 1296] Territorial behavior of the anemonefish *Amphiprion xanthurus* with notes on the life history. *Japanese Journal of Ichthyology*, 20, 85–93.
- Müllegger, S. (1938) [Ref. 749] Die Aktinien: Beschreibung der vornehmlich im aquarium gehaltenen Aktinien. *Wochenschrift für Aquarien und Tarrarienkunde*, 39–44, 1–16.
- Muller-Parker, G., Pierce-Craves, J. & Bingham, B.L. (2007) [Ref. 5732] Broad thermal tolerance of the symbiotic dinoflagellate *Symbiodinium muscatinei* (Dinophyta) in the sea anemone *Anthopleura elegantissima* (Cnidaria) from northern latitudes. *Journal of Phycology*, 43, 25–31. [published February 2007]
- Müller, F. (1860) [Ref. 676] Polypen und Quallen von Santa Catharina. *Archiv für Naturgeschichte*, 26, 57–63.
- Müller, O.F. (1776) [Ref. 167] *Zoologiae Danicae Prodromus, seu Animalium Daniae et Norvegiae Indigenarum Characteres, Nomina, et Synonyma Imprimis Popularium*. Hallageriis, Havniae [Copenhagen], 274 pp. (plus 8 pages of addenda).
<http://dx.doi.org/10.5962/bhl.title.13268>
- Müller, O.F. (1778) [Ref. 168] *Zoologia Danica seu Animalium Daniae et Norvegiae Rariorum ac Minus Notorum Descriptiones et Historia*. Ad Formam Tabularum, Havniae [Copenhagen], 52 pp.
- Müller, O.F. (1778) [Ref. 169] *Zoologia Danica seu Animalium Daniae et Norvegiae Rariorum ac Minus Notorum Descriptiones et*

- Historia. Ad Formam Tabularum, Havniae* [Copenhagen], 56 pp.
- Müller, O.F. (1780) [Ref. 1493] Die rothbraune Seenessel. *Zoologia Danica, oder Gerchichte der feltenen und unbetannten Dänifchen und Norwegifchen Thiere*, pp. 75–80. [publication date unknown; refers to publications of 1779, so cited as 1780 but could be later]
- Müller, O.F. (1789) [Ref. 170] *Zoologia Danica seu Animalium Daniae et Norvegiae Rariorum ac Minus Notorum Descriptiones et Historia. Ad Formam Tabularum, Havniae* [Copenhagen], 71 pp.
- Müller, O.F. (1806) [Ref. 590] *Zoologia Danica seu Animalium Daniae et Norvegiae Rariorum ac Minus Notorum Descriptiones et Historia. Ad Formam Tabularum, Havniae* [Copenhagen], 46 pp.
- Murry, J. & Tizard, T. H. (1881) Exploration of the Faroe Channel, during the summer of 1880, in H.M.'s hired ship "Knight Errant". *Proceedings of the Royal Society of Edinburgh*, 11, 638–677.
- Nafilyan, Z. (1912) [Ref. 171] Matériaux pour la faune des Actinies des côtes de France. Les Actinies de Roscoff. *Memoirs of the Society of Zoology of France*, 25, 5–44.
- Neave, S.A. (1939) [Ref. 595] *Nomenclator Zoologicus Vol. I*. Zoological Society of London, London. 457 pp.
- Neave S.A. (1939) [Ref. 594] *Nomenclator Zoologicus Vol. II*. Zoological Society of London, London. 1025 pp.
- Neave S.A. (1940) [Ref. 596] *Nomenclator Zoologicus Vol. III*. Zoological Society of London, London. 1065 pp.
- Neave S.A. (1940) [Ref. 597] *Nomenclator Zoologicus Vol. IV*. Zoological Society of London, London. 758 pp.
- Neave, S.A. (1950) [Ref. 598] *Nomenclator Zoologicus Vol. V*. Zoological Society of London, London. 308 pp.
- Nordgaard, O. (1905) [Ref. 624] *Hydrographical and Biological Investigations in Norwegian Fiords. John Grieg, Bergen*, 254 pp.
- Norman, A.M. (1869) [Ref. 1142] Shetland final dredging report. — Part II. On the Crustacea, Tunicata, Polyzoa, Echinodermata, Actinozoa, Hydrozoa, and Porifera. *Report of the British Association for the Advancement of Science*, 1868, 247–340.
- Ocaña, O. (2003) [Ref. 1885] *Corynactis denhartogi* (Anthozoa: Corallimorpharia) a new species of soft hexacoral from New Zealand waters. *Zoologische Verhandlungen*, 345, 257–268. [published 31 October 2003]
- Oigman-Pszczol, S.S., Figueiredo, M.A. de O. & Creed, J.C. (2004) [Ref. 4945] Distribution of benthic communities on the tropical rocky subtidal of Armação dos Búzios, southeastern Brazil. *Marine Ecology*, 25, 173–190. [published September 2004]
- Okada, Y.K. (1926) [Ref. 693] Aktinienregeneration aus abgeworfenen Tentakeln. *Archiv für Entwicklungsmechanik der Organismen*, 108, 482–486. [published October 1926]
- Oken, L. (1815) [Ref. 718] *Lehrbuch der Naturgeschichte*. Bersasser, Jena, 842 pp.
[Rejected for nomenclatorial purposes in Opinion 417 of the International Commission on Zoological Nomenclature (1956) because principles of binominal not applied: Ref. 6169]
- Olmstead, N.C. & Fell, P.E. (1978) [Ref. 5135] Estuarine animals. In: Olmstead, N.C. (Ed.), *Plants and Animals of the Estuary* [Bulletin No. 23 of The Connecticut Arboretum]. The Connecticut Arboretum, New London, Connecticut, pp. 12–44. [published June 1978]
- Östman, C. (2000) [Ref. 6192] A guideline to nematocyst nomenclature and classification, and some notes on the systematic value of nematocysts. *Scientia Marina*, 64, 31–46.
- Ottaway, J.R. (1975) [Ref. 172] Review of *Actinia*, *Isactinia*, and *Cnidopus* (Cnidaria: Anthozoa) in New Zealand. *New Zealand Journal of Marine and Freshwater Research*, 9, 53–61.
<http://dx.doi.org/10.1080/00288330.1975.9515546>
- Otto, A.W. (1823) [Ref. 656] Beschreibung einiger neuen Mollusken und Zoophyten. *Nova Acta Academiae Caesareae Leopoldino-Coralinae Naturae Curiosorum*, 11, 288–294.
- Panceri, P. (1868) [Ref. 648] Nuovo genere di polipi actiniarii. *Rendiconto dell' Accademia delle Scienze Fisiche e Matematiche, Societa Reale di Napoli*, 7, 30–32.
- Panceri, P. (1869) [Ref. 649] Intorno a due nuovi polipi *Cladactis costa* ed *Halcampa claparedii*. *Atti della Reale Accademia delle Scienze Fisiche e Matematiche*, 4, 1–9.
- Panikkar, N.K. (1935) [Ref. 542] On two new halcampactid Actiniaria from Madras brackish waters. *Current Science*, 4, 177–178.
- Panikkar, N.K. (1936) [Ref. 177] The structure, bionomics, and systematic position of two new brackish-water Actiniaria from Madras. *Proceedings of the Zoological Society of London*, 1936, 229–249. [published April 1936]
- Panikkar, N.K. (1937) [Ref. 179] A study of the actinian *Phytocoetes gangeticus* Annandale, with an account of the post-larval development and the occurrence of neoteny in the anemone. *Zoologische Jahrbücher Abteilung für Anatomie und Ontogenie der Tiere*, 62, 395–422.
- Panikkar, N.K. (1937) [Ref. 178] The morphology and systematic relationships of a new bolocerooidarian from brackish-water near Madras, together with an account of its asexual reproduction. *Proceedings of the Indian Academy of Sciences*, 5B, 76–90.
- Panikkar, N.K. (1938) [Ref. 175] Studies on *Peachia* from Madras. *Proceedings of the Indian Academy of Sciences*, 7 (B), 182–205.
- Panikkar, N.K. (1938) [Ref. 174] Studies on the brackish-water anemone *Pelocates exul* Annandale, and on a new marine species from Madras. *Proceedings of the Zoological Society of London*, 108 (B), 669–688. [published January 1938]
- Parker, G.H. (1900) [Ref. 180] Synopses of North-American invertebrates. XIII. The Actiniaria. *American Naturalist*, 34, 747–758. [published September 1900]
- Parry, G. (1951) [Ref. 181] The Actiniaria of New Zealand. A check-list of recorded and new species a review of the literature and a key to the commoner forms Part I. *Records of the Canterbury Museum*, 6, 83–119.
- Parry, G. (1952) [Ref. 182] The Actiniaria of New Zealand. A check-list of recorded and new species a review of the literature and a key to the commoner forms Part 2. *Records of the Canterbury Museum*, 6, 121–141.
- Parulekar, A.H. (1966) [Ref. 6162] Cnidae in the actinians of Maharashtra. *Journal of Biological Science*, 9, 36–42.
- Parulekar, A.H. (1968) [Ref. 183] On a new species of sea anemone from Maharashtra, India. *Journal of the Bombay Natural History Society*, 65, 590–595.
- Parulekar, A.H. (1968) [Ref. 184] Sea anemones (Actiniaria) of Bombay. *Journal of the Bombay Natural History Society*, 65, 138–

- Parulekar, A.H. (1968) [Ref. 185] Two new species of sea anemones (Actiniaria) from Maharashtra. *Journal of the Bombay Natural History Society*, 64, 524–529.
- Parulekar, A.H. (1969) [Ref. 523] *Neoaipiasia commensali*, gen. et. sp. nov.: an actinarian commensal of hermit crabs. *Journal of the Bombay Natural History Society*, 66, 57–62.
- Parulekar, A.H. (1971) [Ref. 6160] A new sea anemone, *Cribrinopsis robertii*, (Endomyaria: Actiniidae) from Maharashtra and Goa coast. *Journal of the Bombay Natural History Society*, 68, 291–295. [published April 1971]
- Parulekar, A.H. (1990) [Ref. 6159] Actinarian sea anemone fauna of India. *Proceeding of marine biodeterioration with reference to power plant cooling systems, IGCAR, Kalpakkam, 26-28 April 1989*. National Institute of Oceanography [India], pp. 218–228.
- Pax, F. (1907) [Ref. 402] Vorarbeiten zu einer Revision der Familie Actiniidae. *Königl. Universität Breslau, Breslau*, 87 pp.
- Pax, F. (1908) [Ref. 403] Anthozoa. Die Aktinienfauna Westafrikas. *Denkschriften der Medizinisch-Naturwissenschaftlichen Gesellschaft*, 13, 463–504. [Pages also given as 261–302].
- Pax, F. (1909) [Ref. 406] Die Aktinien der ostafrikanischen Inseln. In: Voeltzkow, A. (Ed.), *Reise in Ostafrika in den Jahren 1903-1905*, pp. 399–418.
- Pax, F. (1909) [Ref. 549] Aktinienstudien. I. *Polyparium ambulans*. II. Aktinien von Gomera. III. *Bolocera norvegica*, eine neue Aktinie von der Westküste Norwegens. *Jenaische Zeitschrift für Naturwissenschaft*, 45, 325–344.
- Pax, F. (1910) [Ref. 587] Diagnosen neuer westindischer Actinien. *Zoologischer Anzeiger*, 36, 176–179. [published 13 September 1910]
- Pax, F. (1910) [Ref. 407] Studien an westindischen Actinien. *Zoologische Jahrbücher*, Suppl. 11, 157–330. [published 21 November 1910]
- Pax, F. (1912) [Ref. 408] Les actinies de la côte du Pérou. *Mission du Service Géographique de l'Armée pour la Mesure d'un Arc de Méridien Equatorial en Amérique du Sud Sous le Contrôle Scientifique de l'Académie des Sciences*. Gauthier-Villars, Imprimeur-Libraire, Paris, pp. 1–28.
- Pax, F. (1912) [Ref. 409] Revision des types des Actinies décrites par Quoy et Gaimard. *Annales des Sciences Naturelles*, 16, 309–322.
- Pax, F. (1914) [Ref. 410] *Actinia kraemeri*, die eßbare Seeanemone der Samoainseln. *Zoologischer Anzeiger*, 44, 411–413.
- Pax, F. (1915) [Ref. 748] Hexacorallien der Murmanküste. *Travaux de la Société Impériale des Naturalistes de Petrograd*, 44, 167–180.
- Pax, F. (1920) [Ref. 412] Zoantharia und Actiniaria. In: Michaelsen, W. (Ed.), *Beiträge zur Kenntnis der Meeresfauna Westafrikas*. L. Friederichsen & Co., Hamburg, pp. 23–33.
- Pax, F. (1922) [Ref. 413] Diagnosen neuer Actiniarien aus der Ausbeute der Deutschen (1901-1903) und der Französischen (1908-1910) Südpolar-Expedition. *Zoologischer Anzeiger*, 54, 75–93. [published 31 January 1922]
- Pax, F. (1923) [Ref. 414] Antarktische Aktinien aus der Ausbeute des „Pourquoi pas“. *Zoologische Jahrbücher Abteilung für Systematik, Geographie und Biologie der Tiere*, 47, 1–28.
- Pax, F. (1924) [Ref. 416] Actiniarien, Zoantharien und Ceriantharien von Curaçao. *Kungliga Zoologisch Genootschap Natura Artis Magistra (Amsterdam)*, 23, 93–122.
- Pax, F. (1924) [Ref. 415] Anthozoen des Leidener Museums. *Zoologische Mededelingen, Leiden*, 8, 1–17.
- Pax, F. (1925) [Ref. 418] Beitrag zur Anthozoenfauna von Palästina. *Zoologischer Anzeiger*, 64, 193–196.
- Pax, F. (1925) [Ref. 417] Unterklasse: Hexacorallia. *Handbuch der Zoologie*, 1, 770–901.
- Pax, F. (1926) [Ref. 404] Die Aktinien der Deutschen Südpolar-Expedition 1901-1903. *Deutsche Südpolar-Expedition 1901-1903*, 18, 3–62.
- Pax, F. (1928) [Ref. 405] Anthozoa. In: Dahl, F. (Ed.), *Die Tierwelt Deutschlands und der angrenzenden Meeresteile nach ihren Merkmalen und nach ihrer Lebensweise*. Gustav Fischer, Jena, pp. 190–237.
- Pax, F. (1936) [Ref. 6190] Anthozoa (Teil II: Actiniaria, Octocorallia). *Die Tierwelt der Nord- und Ostsee*. Akademische Verlagsgesellschaft m. b. H., Leipzig, pp. 81–317.
- Pax, F. & Mueller, I. (1953) [Ref. 1133] Die Anthozoenfauna der bucht von Kaštela bei Split. *Acta Adriatica*, 5, 3–35.
- Pax, F. & Müller, I. (1955) [Ref. 1622] Gli Antozoi del Golfo di Trieste. *Atti del Museo Civico di Storia Naturale Trieste*, 20, 49–102. [published 30 September 1955]
- Pax, F. & Müller, I. (1955) [Ref. 420] Gli Antozoi del Museo Civico di Storia Naturale di Trieste Parte I: Antipatharia, Ceriantharia, Zoantharia, Actiniaria, Alcyonaria, e Pennatularia. *Atti del Museo Civico di Storia Naturale Trieste*, 20, 103–129. [published 31 October 1955]
- Pax, F. & Müller, I. (1962) [Ref. 421] Die Anthozoenfauna der Adria / Fauna antozoa Jadrana. *Fauna et Flora Adriatica*, 3, 1–343.
- Pearse, V. & Francis, L. (2000) [Ref. 810] *Anthopleura sola*, a new species, solitary sibling species to the aggregating sea anemone, *A. elegantissima* (Cnidaria: Anthozoa: Actiniaria: Actiniidae). *Proceedings of the Biological Society of Washington*, 113, 596–608. [published 1 November 2000]
- Pei, Z. (1982) [Ref. 187] A new species of the genus *Paracalliactis* (Hormathiidae: Actiniaria) from the East China Sea. *Studia Marina Sinica*, no. 19, 69–71.
- Pei, Z. (1993) [Ref. 1263] A new species of the genus *Actinothoe* (Sagartiidae: Actiniaria). *Studia Marina Sinica*, 34, 169–174.
- Pei, Z. (1995) [Ref. 5013] Description of *Anthopleura qingdaoensis*. *Studia Marina Sinica*, 10, 227–234. [published October 1995]
- Pei, Z. (1996) [Ref. 1265] Three new species of the genus *Calliactis*. *Studia Marina Sinica*, 37, 177–187.
- Pei, Z. (1998) [Ref. 765] *Coelenterata Actiniaria Ceriantharia Zoanthidea*. Science Press, Beijing, 286 pp.
- Pennant, T. (1777) [Ref. 637] *A British Zoology*. Benj. White, London, 136 pp.
- Pennington, A.S. (1885) [Ref. 422] *British Zoophytes: an Introduction to the Hydroida, Actinozoa, and Polyzoa found in Great Britain, Ireland, and the Channel Islands*. L. Reeve & Co., London, 363 pp.

- Pfeffer, G. (1889) [Ref. 188] Zur Fauna von Süd-Georgien. *Jahrbuch der Hamburgischen Wissenschaftlichen Anstalten*, 6, 39–55.
- Pires, D.d. (1987) [Ref. 527] *Tricnidactis errans*, n. gen., n. sp., (Cnidaria, Actiniaria, Haliplanellidae) from Guanabara Bay, Rio de Janeiro, Brazil. *Anais da Academia Brasileira de Ciências (Rio de Janeiro)*, 59, 275. [published prior to Pires (1988) [Ref. 190] so source of name]
- Pires, D.d. (1988) [Ref. 190] *Tricnidactis errans* n. gen., n. sp. (Cnidaria, Actiniaria, Haliplanellidae), from Guanabara Bay, Rio de Janeiro, Brazil. *Revista Brasileira de Biologia (Rio de Janeiro)*, 48, 507–516. [title same as that of Pires (1987) [Ref. 527], published a year earlier in which name made available; not new species herein]
- Pires, D.d., Castro, C.B., Migotto, Á.E. & Marques, A.C. (1992) [Ref. 191] Cnidários bentônicos do Arquipélago de Fernando de Noronha, Brasil. *Boletim do Museu Nacional (Rio de Janeiro)*, no. 354 (n.s.), 1–21. [published 10 November 1992]
- Poggesi, M. & Sforzi, A. (2001) [Ref. 6045] In ricordo di Enrica Calabresi. *Memorie della Società Entomologica Italiana*, 80, 223–234. [published 30 November 2001]
- de Quatrefages, A. (1842) [Ref. 193] Mémoire sur les Edwardsies (*Edwardsia*, Nob.) nouveau genre de la famille des Actinies. *Annales des Sciences Naturelles*, 18, 65–109.
- Quoy, J.R.C. & Gaimard, P. (1833) [Ref. 194] *Voyage de Découvertes de l'Astrolabe Exécuté par Ordre du Roi, Pendant les Années 1826-1827-1828-1829, sous le Commandement de M. J. Dumont D'Urville*. J. Tastu, Paris, 390 pp.
- Rafinesque, C.S. (1815) [Ref. 786] *Analyse de la Nature ou Tableau de l'Univers et des Corps Organisés*. C. S. Rafinesque, Palerme, 224 pp.
<http://dx.doi.org/10.5962/bhl.title.106607>
- Ramil Blanco, F. (1987) [Ref. 22] Antozoos nuevos para el litoral ibérico, recolectados en Galicia. *Boletín de la Real Sociedad Española de Historia Natural*, 83, 197–204.
- Ramil Blanco, F. & Pulpeiro, E.F. (1990) [Ref. 6180] Inventario de los antozoos de Galicia. A checklist of the Anthozoa from Galicia. *Boletín de la Real Sociedad Española de Historia Natural*, 86, 17–30.
- Rapp, W. (1829) [Ref. 423] *Ueber die Polypen im Allgemeinen und die Actinien*. Grolsherzogl. Sdch, Weimar, 62 pp.
- Rapp, W. (1831) [Ref. 623] *Ueber die Polypen im Allgemeinen, und die Actinien ins besondere*. *Bulletin des Sciences Naturelles (Paris)*, 24, 121–123.
- Rathke, H. (1836) [Ref. 6052] Zur Fauna der Krym. *Memoiren der Kaiserlichen Akademie der Wissenschaften*, 3, 1–164.
- Rathke, H. (1843) [Ref. 620] Beiträge zur fauna Norwegens. *Nova Acta Academiae Caesareae Leopoldino-Coralinae Naturae Curiosorum*, 20, 137–149.
- Rawlinson, R. (1935) [Ref. 565] *Edwardsia callianthus* spec. nov. a new British species from Menai Straits. *Journal of the Marine Biological Association of the United Kingdom*, 20, 129–146. [published 1 February 1935]
- Reed, S.A. (1971) [Ref. 5058] Some common coelenterates in Kaneohe Bay, Oahu, Hawaii. In: Lenhoff, H.M., Muscatine, L. & Davis, L.V. (Eds.), *Experimental Coelenterate Biology*. University of Hawaii Press, Honolulu, pp. 37–51.
- Rees, O.M. (1913) [Ref. 214] Notes on *Actinostola callosa* (Verrill) = *Dysactis crassicornis* (Hertwig). *Annals and Magazine of Natural History*, 12, 382–387. [published October 1913]
- Reid, J. (1848) [Ref. 1490] Account of a new *Actinia*. *Annals and Magazine of Natural History*, series 2, 1, 34–35.
- Reimer, J.D., Sinniger, F., Fujiwara, Y., Hirano, S. & Maruyama, T. (2007) [Ref. 5829] Morphological and molecular characterisation of *Abyssoanthus nankaiensis*, a new family, new genus and new species of deep-sea zoanthid (Anthozoa: Hexacorallia: Zoantharia) from a north-west Pacific methane cold seep. *Invertebrate Systematics*, 21, 255–262.
- Richardson, D.L., Harriott, V.J. & Harrison, P.L. (1997) [Ref. 1301] Distribution and abundance of giant sea anemones (Actiniaria) in subtropical eastern Australian waters. *Marine and Freshwater Research*, 48, 59–66.
- Richters, F. (1880) [Ref. 5999] Decapoda. In: Möbius, K.A., Richters, F. & von Martens, E. (Eds.), *Beiträge zur Meeresfauna der Insel Mauritius und der Seychellen*. Guttman'schen Buchhandlung, Berlin, pp. 139–174.
- Riemann-Zürneck, K. (1969) [Ref. 521] *Sagartia troglodytes* (Anthozoa). Biologie und Morphologie einer schlickbewohnenden Aktinie. *Veröffentlichungen des Institutes für Meeresforschung Bremerhaven*, 12, 169–230.
- Riemann-Zürneck, K. (1972) [Ref. 425] Über Aktinien aus der Karibik: *Rhodactis*, *Condylactis*, *Bartholomea*. *Mitteilungen aus dem Institut Colombo-Aleman de Investigaciones Científicas "Punta de Beti"*, 6, 73–76.
- Riemann-Zürneck, K. (1973) [Ref. 426] Actiniaria des Südwestatlantik I. Hormathiidae. *Helgoländer Wissenschaftliche Meeresuntersuchungen*, 25, 273–325. [published September 1973]
<http://dx.doi.org/10.1007/BF01611200>
- Riemann-Zürneck, K. (1975) [Ref. 427] Actiniaria des Südwestatlantik II. Sagartiidae und Metridiidae. *Helgoländer Wissenschaftliche Meeresuntersuchungen*, 27, 70–95. [published May 1975]
<http://dx.doi.org/10.1007/BF01611687>
- Riemann-Zürneck, K. (1975) [Ref. 428] Actiniaria des Südwestatlantik III. *Calliactis androgyna* sp. n. (Hormathiidae). *Veröffentlichungen des Institutes für Meeresforschung Bremerhaven*, 15, 387–395.
- Riemann-Zürneck, K. (1978) [Ref. 430] Actiniaria des Südwestatlantik IV. *Actinostola crassicornis* (Hertwig, 1882) mit einer Diskussion verwandter Arten. *Veröffentlichungen des Institutes für Meeresforschung Bremerhaven*, 17, 65–85.
- Riemann-Zürneck, K. (1979) [Ref. 431] Two disc-shaped deep sea Anthozoa from the Gulf of Biscay, with a survey of adaptation types in the Actiniaria. *Zoomorphologie*, 93, 227–243. [published October 1979]
- Riemann-Zürneck, K. (1980) [Ref. 432] Actiniaria des Südwestatlantik V. *Bolocera*, *Isotealia*, *Isosicyonis* (Actiniidae). *Mitteilungen aus dem Hamburgischen Zoologischen Museum und Institut*, 77, 19–33.
- Riemann-Zürneck, K. (1983) [Ref. 511] *Halcurias sudanensis* n. sp. aus dem Tiefwasser-Benthos des Roten Meeres (Actiniaria: Halcuriidae). *Senckenbergiana Biologica*, 63, 427–434.
- Riemann-Zürneck, K. (1986) [Ref. 515] On some abyssal sea anemones of the North Atlantic (Actiniaria: Hormathiidae). *Mitteilungen aus dem Hamburgischen Zoologischen Museum und Institut*, 83, 7–29.

- Riemann-Zürneck, K. (1986) [Ref. 433] Zur Biogeographie des Südwestatlantik mit besonderer Berücksichtigung der Seeanemonen (Coelenterata: Actiniaria). *Helgoländer Meeresuntersuchungen*, 40, 91–149. [published March 1986]
<http://dx.doi.org/10.1007/BF01987291>
- Riemann-Zürneck, K. (1991) [Ref. 434] The abyssal sea anemone *Kadosactis sulcata* Carlgren 1934 (Cnidaria: Actiniaria: Kadosactidae nov. fam.). *Mitteilungen aus dem Hamburgischen Zoologischen Museum und Institut*, 21, 191–204.
- Riemann-Zürneck, K. (1991) [Ref. 516] A new species of *Sicyonis* (Actiniaria: Actinostolidae) from the abyssal NE Atlantic. *Mitteilungen aus dem Hamburgischen Zoologischen Museum und Institut*, 88, 7–15.
- Riemann-Zürneck, K. (1997) [Ref. 651] A hemisessile anemone from the Porcupine Abyssal Plain, North Atlantic Ocean: *Iosactis vagabunda* gen. nov., sp. nov. *Journal of the Marine Biological Association of the United Kingdom*, 77, 1011–1025. [published 1 November 1997]
- Riemann-Zürneck, K. (1997) [Ref. 652] The deep-sea anemones *Bathypheilia margaritacea* and *Daontesia porcupina* sp. nov. with comments on the family Bathypheiliidae. *Journal of the Marine Biological Association of the United Kingdom*, 77, 361–374. [published 1 May 1997]
- Riemann-Zürneck, K. (2000) [Ref. 1337] *Oractis bursifera* sp. nov., an Arctic deep-sea anemone with peculiar invaginations of its oral disc (Cnidaria: Actiniaria). *Polar Biology*, 23, 604–608. [published August 2000]
- Riemann-Zürneck, K. & Gallardo, V.A. (1990) [Ref. 437] A new species of sea anemone (*Saccactis coliumensis* n. sp.) living under hypoxic conditions on the central Chilean shelf. *Helgoländer Meeresuntersuchungen*, 44, 445–457. [published September 1990]
<http://dx.doi.org/10.1007/BF02365479>
- Riemann-Zürneck, K. & Griffiths, C.L. (1999) [Ref. 809] *Korsaranthus natalensis* (Carlgren, 1938) nov. comb. (Cnidaria: Actiniaria) a mobile sea anemone attacking octocorals. *South African Journal of Zoology*, 34, 190–196.
<http://dx.doi.org/10.1080/02541858.1999.11448508>
- Risso, A. (1826) [Ref. 739] *Histoire Naturelle des Principales de l'Europe Méridionale*, Paris, 402 pp.
- Rizzi, M. (1907) [Ref. 773] Sulle Attinie della laguna di Venezia. *Ricerche Lagunari*, No. 4–5, 9–39.
- Robins, M.W. (1969) [Ref. 1641] The marine flora and fauna of the Isles of Scilly. Cnidaria and Ctenophora. *Journal of Natural History*, 3, 329–343.
- Rodríguez, E. (2012) [Ref. 6200] Another bipolar deep-sea anemone: new species of *Iosactis* (Actiniaria, Endomyaria) from Antarctica. *Helgoländer Marine Research*, 66, 211–218. [published June 2012]
<http://dx.doi.org/10.1007/s10152-011-0263-2>
- Rodríguez, E., Barbeitos, M.S., Brugler, M.R., Crowley, L.M., Grajales, A., Gusmão, L., Häussermann, V., Reft, A. & Daly, M. (2014) [Ref. 6244] Hidden among sea anemones: the first comprehensive phylogenetic reconstruction of the Order Actiniaria (Cnidaria, Anthozoa, Hexacorallia) reveals a novel group of hexacorals. *PLOS One*, 9 (5), 1–7.
<http://dx.doi.org/10.1371/journal.pone.0096998>
- Rodríguez, E., Barbeitos, M., Daly, M., Gusmão, L.C. & Häussermann, V. (2012) [Ref. 6248] Toward a natural classification: phylogeny of acontiate sea anemones (Cnidaria, Anthozoa, Actiniaria). *Cladistics*, 28, 375–392. [published August 2012]
 [Volume and pages cited erroneously in Lauretta *et al.* (2014)]
- Rodríguez, E., Castorani, C.N. & Daly, M. (2008) [Ref. 6004] Morphological phylogeny of the family Actinostolidae (Anthozoa: Actiniaria) with description of a new genus and species of hydrothermal vent sea anemone redefining the family Actinoscyphiidae. *Invertebrate Systematics*, 22, 439–452.
- Rodríguez, E. & López-González, P.J. (2001) [Ref. 1418] A new species of *Hormathia* (Actiniaria, Hormathiidae) from the eastern Weddell Sea, Antarctica. *Helgoländer Marine Research*, 55, 116–123. [published July 2001]
<http://dx.doi.org/10.1007/s101520100072>
- Rodríguez, E. & López-González, P.J. (2002) [Ref. 1767] *Halcampella* Andres, 1883 (Cnidaria, Anthozoa, Actiniaria): proposed designation of *H. maxima* Hertwig, 1888 as the type species. *Bulletin of Zoological Nomenclature*, 59, 170–172. [decision by International Commission on Zoological Nomenclature in 2004 [Ref. 4901]]
- Rodríguez, E. & López-González, P.J. (2002) [Ref. 1726] A new species of *Halcampella* (Actiniaria: Halcampoididae) from the eastern Weddell Sea and the Antarctic Peninsula. *Scientia Marina*, 66, 43–52.
- Rodríguez, E. & López-González, P.J. (2003) [Ref. 1800] *Stephanthus antarcticus*, a new genus and species of sea anemone (Actiniaria, Haloclavidae) from the South Shetland Islands, Antarctica. *Helgoländer Marine Research*, 57, 54–62. [published 24 January 2003]
- Rodríguez, E. & López-González, P.J. (2008) [Ref. 5909] The gastropod-symbiotic sea anemone genus *Isosicyonis* Carlgren, 1927 (Actiniaria: Actiniidae): a new species from the Weddell Sea (Antarctica) that clarifies the taxonomic position of the genus. *Scientia Marina*, 72, 73–86. [published March 2008]
- Rodríguez, E., López-González, P.J. & Daly, M. (2009) [Ref. 6023] New family of sea anemones (Actiniaria, Acontiaria) from deep polar seas. *Polar Biology*, 32, 703–717. [published May 2009]
- Rodríguez, E., López-González, P.J. & Gili, J. (2007) [Ref. 5911] Biogeography of Antarctic sea anemones (Anthozoa, Actiniaria): what do they tell us about the origin of the Antarctic benthic fauna? *Deep-Sea Research II*, 54, 1876–1904. [published August 2007]
- Rodríguez, E., Mendoza, M. & Häussermann, V. (2013) [Ref. 6241] New records and rescription of *Halcurias pilatus* and *Halcurias memurricchi* (Actiniaria, Endocoelelantheae). *Journal of the Marine Biological Association of the United Kingdom*, 93, 2089–2100. [published 1 December 2013]
- Ross, D.M. (1974) [Ref. 1022] Behaviour patterns in associations and interactions with other animals. Coelenterate Biology. Reviews and New Perspectives In: Muscatine, L. & Lenhoff, H.M. (Eds.), *Coelenterate Biology. Reviews and New Perspectives*. Academic Press, New York, pp. 281–312.
- Ross, D.M. & Zamponi, M.O. (1982) [Ref. 216] A symbiosis between *Paracalliactis mediterranea* n. sp. (Anthozoa-Actiniaria) and

- Pagarus variabilis* A. Milne-Edwards and Bouvier. *Vie et Milieu*, 32, 175–181.
- Ross, D.M. & Zamponi, M.O. (1995) (for 1992) [Ref. 218] A description of *Stomphia pacifica* sp. nov. (Anthozoa: Actiniaria) and its behavioral interactions with some asteroids. *Physis (Buenos Aires)*, 50 (A), 7–12.
- Roule, L. (1909) [Ref. 219] Hexactinides. *Expedition Antarctique Française (1903-1905)*, 1–19.
- Rüppell, E. & Leuckart, F.S. (1828) [Ref. 220] *Atlas zu der Reise im Nördlichen Afrika von Eduard Rüppell, Neue Wirbellose Thiere des Rothen Meers*. Heinr. Ludw. Brvnnner, Frankfurt am Main, 47 pp.
- Sanamyan, N.P. (2001) (for 2000) [Ref. 1323] New and poorly known Actiniaria from the NW Pacific. *Zoosystematica Rossica*, 9, 1–10.
- Sanamyan, N.P. (2003) [Ref. 5878] New record of *Oceanactis diomedea* (Cnidaria: Actiniaria: Oractiidae) and systematic position of the genera *Oceanactis* and *Oractis*. *Species Diversity*, 8, 93–101.
- Sanamyan, N.P. & Sanamyan, K.E. (1998) [Ref. 750] Some Actiniaria from the Commander Islands (Cnidaria: Anthozoa). *Zoosystematica Rossica*, 7, 1–8.
- Sanamyan, N.P. & Sanamyan, K.E. (2006) [Ref. 5638] The genera *Urticina* and *Cribrinopsis* (Anthozoa: Actiniaria) from the north-western Pacific. *Journal of Natural History*, 40, 359–393.
- Sanamyan, N.P. & Sanamyan, K.E. (2007) [Ref. 5884] Deep-water Actiniaria from East Pacific hydrothermal vents and cold seeps. *Invertebrate Zoology*, 4, 83–102.
- Sars, M. (1829) [Ref. 1271] *Bidrag til Söedyrenes Naturehistorie*. Christian Dahl, Bergen, 59 pp.
- Sars, M. (1835) [Ref. 697] *Polypernes, Acalephernes, Radiaternes, Annelidernes og Molluskernes Classer*. Thorstein Hallagers Forlag, Bergen, 81 pp.
- Sars, M. (1851) [Ref. 644] Beretning om en i Sommeren 1849 foretagen zoologisk Reise i Lofoten og Finmarken. *Nyt Magazin for Naturvidenskaberne*, 6, 121–211.
- Sars, M. (1857) [Ref. 772] *Bidrag til Kundskaben om Middelhavets Littoral-Fauna, Reisebemærkninger fra Italien*. Johan Dahls-Forlag, Christiania, 55 pp.
- Saville-Kent, W. (1893) [Ref. 440] *The Great Barrier Reef of Australia; Its Products and Potentialities*. W. H. Allen & Co., London, 387 pp. Available from: <https://archive.org/details/greatbarrierreef00kent> (Accessed 27 Jul. 2016)
- Saville-Kent, W. (1897) [Ref. 439] *The Naturalist in Australia*. Chapman & Hall, London, 302 pp. Available from: <http://www.biodiversitylibrary.org/item/57844> (Accessed 27 Jul. 2016)
- Schama, R., Mitchell, M. & Solé-Cava, A.M. (2012) [Ref. 6250] *Actinia ebhayiensis* sp. nov., a new species of sea anemone (Anthozoa: Actiniaria: Actiniidae) from South Africa. *Journal of the Marine Biological Association of the United Kingdom*, 92, 885–894. [published August 2012]
- Schlenz, E. & Belém, M.J.d. (1992) (for 1988) [Ref. 223] *Phyllactis correae* n. sp. (Cnidaria, Actiniaria, Actiniidae) from Atol das Rocas, Brazil, with notes on *Phyllactis flosculifera* (Lesueur, 1817). *Boletim de Zoologia (Sao Paulo)*, 12, 91–117.
- Schlichter, D. (1968) [Ref. 1840] Das Zusammenleben von Riffanemonen und Anemonenfischen. *Zeitschrift für Tierpsychologie*, 25, 933–954.
- Schmarda, L.K. (1852) [Ref. 618] Zur naturgeschichte der Adria. *Denkschriften der Kaiserlichen Akademie der Wissenschaften (Wien)*, 4, 117–137.
- Schmidt, H. (1969) [Ref. 5656] Die Nesselkapseln der Aktinien und ihre differentialdiagnostische Bedeutung. *Helgoländer Wissenschaftliche Meeresuntersuchungen*, 19, 284–317. [published May 1969]
<http://dx.doi.org/10.1007/BF01625610>
- Schmidt, H. (1971) [Ref. 226] Taxonomie, Verbreitung und Variabilität von *Actinia equina* Linné 1766 (Actiniaria; Anthozoa). *Zeitschrift für Zoologische Systematik und Evolutionsforschung*, 9, 161–169. [published September 1971]
- Schmidt, H. (1972) [Ref. 522] Die Nesselkapseln der Anthozoen und ihre Bedeutung für die phylogenetische Systematik. *Helgoländer Wissenschaftliche Meeresuntersuchungen*, 23, 422–458. [published December 1972]
<http://dx.doi.org/10.1007/BF01625294>
- Schmidt, H. (1972) [Ref. 441] Prodröm zu einer Monographie der mediterranen Aktinien. *Zoologica*, 42, 1–121.
- Schmidt, H. (1979) [Ref. 227] Beiträge zur Differentialdiagnose, Morphologie und Evolution der Edwardsiidae (Actiniaria, Anthozoa) I. Die Gattung *Alfredus* nov. gen. mit der Typusart *A. lucifugus* (Fischer, 1888). *Zeitschrift für Zoologische Systematik und Evolutionsforschung*, 17, 211–220. [published September 1979]
- Schmidt, H. & Béress, L. (1971) [Ref. 5797] Phylogenetische betrachtungen zur toxität und nesselwirkung einiger Actiniaria (Anthozoa) im vergleich zur morphologie ihrer nesselkapseln. *Kieler Meeresforschungen*, 27, 166–170.
- Seaton, R.W. (1981) [Ref. 5115] *Florida shallow water sea anemones: order Corallimorpharia, and the boloceroidarian Actiniaria (Cnidaria: Anthozoa)*. Unpublished thesis of Florida Atlantic University, 194 pp. [criteria of publication (Article 8 of the International Code of Zoological Nomenclature) not met by this reference; therefore, names of new taxa and other nomenclatural acts not available]
- Sebens, K.P. (1998) [Ref. 453] Anthozoa: Actiniaria, Zoanthidea, Corallimorpharia, and Ceriantharia. In: Pearce, J.B. (Ed.), *Marine Flora and Fauna of the Eastern United States*. National Marine Fisheries Service, Seattle, pp. 1–67.
- Sebens, K.P. & Laakso, G. (1978) [Ref. 228] The genus *Tealia* (Anthozoa: Actiniaria) in the waters of the San Juan Archipelago and the Olympic Peninsula. *Wasmann Journal of Biology*, 35, 152–168.
- Sebens, K.P. & Paine, R.T. (1978) [Ref. 1819] Biogeography of anthozoans along the west coast of South America: habitat, disturbance, and prey availability. *Symposium on Marine Biogeography and Ecology in the Southern Hemisphere*, vol. 1, 219–237. N. Z. D. S. I. R., Auckland, New Zealand.
- Seshaiya, R.V. & Cuttress, C.E. (1969) [Ref. 518] *Edwardsia jonesii* n. sp. (Actiniaria, Edwardsiidae) from Porto Novo, S. India. *Journal of the Marine Biological Association of India*, 11, 73–77.
- Siebert, A.E. (1973) [Ref. 230] A description of the sea anemone *Stomphia didemon* sp. nov. and its development. *Pacific Science*, 27,

- Siebert, A.E. & Hand, C.H. (1974) [Ref. 231] A description of the sea anemone *Halcampa crypta*, new species. *Wasmann Journal of Biology*, 32, 327–336.
- Siebert, A.E. & Spaulding, J.G. (1976) [Ref. 232] The taxonomy, development, and brooding behavior of the anemone, *Cribrinopsis fernaldi* sp. nov. *Biological Bulletin*, 150, 128–138. [published 1 February 1976]
<http://dx.doi.org/10.2307/1540594>
- Simon, J.A. (1892) [Ref. 233] *Ein Beitrag zur Anatomie und Systematik der Hexactinien*. Val. Hvfing, München, 106 pp.
- Sluiter, C.P. (1888) [Ref. 541] Über zwei merkwürdige Gephyreen aus der Bai von Batavia. *Natuurkundig Tijdschrift voor Nederlandsch Indië*, 48, 233–248.
- Sluiter, C.P. (1889) [Ref. 551] Berichtigung. *Zoologischer Anzeiger*, 12, 47–48.
- Smith, B.L. & Potts, D.C. (1987) [Ref. 234] Clonal and solitary anemones (*Anthopleura*) of western North America: population genetics and systematics. *Marine Biology*, 94, 537–546. [published December 1987]
- Smith, H.M. & Smith, R.B. (1972) [Ref. 6247] Chresonomy ex synonymy. *Systematic Zoology*, 21, 1–445. [published December 1972]
- Song, J.I. (1992) [Ref. 237] Systematic study on Anthozoa from the Korea Strait in Korea: Subclasses Zoantharia and Ceriantipatharia. *Korean Journal of Systematic Zoology*, 8, 259–278.
- Song, J.I. (2003) [Ref. 1860] A new species of *Synandwakia* and two newly recorded species of Athenaria (Anthozoa: Actiniaria) from Korea. *Korean Journal of Systematic Zoology*, 19, 283–296. [published October 2003]
- Song, J.I. & Lee, I. (1998) [Ref. 760] Fauna of the anthozoans from adjacent waters of Geojedo Island in Korea. *Korean Journal of Systematic Zoology*, 14, 229–242. [published September 1998]
- Srinivasan, M., Jones, G.P. & Caley, M.J. (1999) [Ref. 1306] Experimental evaluation of the roles of habitat selection and interspecific competition in determining patterns of host use by two anemonefishes. *Marine Ecology Progress Series*, 186, 283–292. [published 17 September 1999]
<http://dx.doi.org/10.3354/meps186283>
- Stechow, E. (1921) [Ref. 704] Neue Genera und Species von Hydrozoen und anderen Evertebraten. *Archiv für Naturgeschichte*, 87, 248–265.
- Stephens, J. (1905) [Ref. 4605] A list of Irish Coelenterata, including the Ctenophora. *Proceedings of the Royal Irish Academy*, 25, 25–92.
- Stephens, J. (1912) [Ref. 6215] Coelenterata. *Proceedings of the Royal Irish Academy*, 31, 1–10.
- Stephenson, E.M. (1925) [Ref. 445] On the anatomy and relationships of new or little known British Actiniaria. *Journal of the Marine Biological Association of the United Kingdom*, 13, 891–909. [published 1 October 1925]
- Stephenson, T.A. (1918) [Ref. 442] On certain Actiniaria collected off Ireland by the Irish Fisheries Department, during the years of 1899–1913. *Proceedings of the Royal Irish Academy*, 34 (B), 106–164.
- Stephenson, T.A. (1918) [Ref. 448] Coelenterata. Part I. — Actiniaria. *Natural History Reports on British Antarctic ("Terra Nova") Expedition 1910*, 5, 1–68.
- Stephenson, T.A. (1920) [Ref. 449] On the classification of Actiniaria. Part I. — Forms with acontia and forms with a mesogloal sphincter. *Quarterly Journal of Microscopical Science*, 64, 425–574. [published July 1920]
- Stephenson, T.A. (1920) [Ref. 443] The genus *Corallimorphus*. *Proceedings of the Royal Irish Academy*, 35 (B), 178–186. [published August, 1920]
- Stephenson, T.A. (1921) [Ref. 450] On the classification of Actiniaria. Part II. — Consideration of the whole group and its relationships, with special reference to forms not treated in Part I. *Quarterly Journal of Microscopical Science*, 65, 493–576. [published October 1921]
- Stephenson, T.A. (1922) [Ref. 451] On the classification of Actiniaria. Part III. — Definitions connected with the forms dealt with in Part II. *Quarterly Journal of Microscopical Science*, 66, 247–319. [published June 1922]
- Stephenson, T.A. (1922) [Ref. 564] The genus *Ilyanthus*, Forbes. *Journal of the Marine Biological Association of the United Kingdom*, 12, 819–828. [published 1 October 1922]
- Stephenson, T.A. (1925) [Ref. 444] On a new British sea anemone. *Journal of the Marine Biological Association of the United Kingdom*, 13, 880–890. [published 1 October 1925]
- Stephenson, T.A. (1928) [Ref. 504] *The British Sea Anemones. Volume I*. The Ray Society, London, 148 pp.
- Stephenson, T.A. (1929) [Ref. 447] A contribution to actinian morphology: the genera *Phellia* and *Sagartia*. *Transactions of the Royal Society of Edinburgh*, 56, 121–139. [published 7 February 1929]
- Stephenson, T.A. (1929) [Ref. 6028] On the nematocysts of sea anemones. *Journal of the Marine Biological Association of the United Kingdom*, 16, 173–201. [published May 1929]
- Stephenson, T.A. (1935) [Ref. 505] *The British Sea Anemones. Volume II*. The Ray Society, London, 426 pp.
- Stephenson, T.A., Stephenson, A. & Tandy, G. (1931) [Ref. 1311] The ecology of Low Isles. *Scientific Reports of the Great Barrier Reef Expedition 1928–29*, 3, 35–68.
- Stephenson, T.A., Stephenson, A., Tandy, G. & Spender, M. (1931) [Ref. 682] The structure and ecology of Low Isles and other reefs. *Scientific Reports of the Great Barrier Reef Expedition 1928–29*, 3, 17–112.
- Stimpson, W. (1853) [Ref. 238] Synopsis of the marine invertebrata of Grand Manan: or the region about the mouth of the Bay of Fundy, New Brunswick. *Smithsonian Contributions to Knowledge*, 6, 1–66. [published March 1853]
- Stimpson, W. (1856) [Ref. 239] Descriptions of some of the new marine invertebrata from the Chinese and Japanese seas. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 7, 375–384.
- Stimpson, W. (1856) [Ref. 610] On some remarkable marine invertebrata inhabiting the shores of South Carolina. *Proceedings of the Boston Society of Natural History*, 5, 110–118.

- Stoliczka, F. (1869) [Ref. 241] On the anatomy of *Sagartia schilleriana* and *Membranipora bengalensis*, a new coral and a bryozoon living in brackish water at Port Canning. *Journal of the Asiatic Society of Bengal*, 38, 28–63.
- Stuckey, F.G.A. (1909) [Ref. 242] Notes on a New Zealand actinian, *Bunodes aureoradiata*. *Transactions of the New Zealand Institute*, 41, 367–369.
- Stuckey, F.G.A. (1909) [Ref. 244] A review of the New Zealand Actiniaria known to science, together with a description of twelve new species. *Transactions of the New Zealand Institute*, 41, 374–398.
- Stuckey, F.G.A. (1909) [Ref. 243] On two anemones found in the neighbourhood of Wellington - *Leiothealia thompsoni* and *Sagartia albocincta*. *Transactions of the New Zealand Institute*, 41, 370–374.
- Stuckey, F.G.A. (1914) [Ref. 246] Description of a collection of actinians from the Kermadec Islands. *Transactions of the New Zealand Institute*, 46, 132–134.
- Stuckey, F.G.A. & Walton, C.L. (1910) [Ref. 245] Notes on a collection of sea-anemones. *Transactions of the New Zealand Institute*, 42, 541–543.
- Studer, T. (1879) (for 1878) [Ref. 262] Zweite Abtheilung der Anthozoa polyactinia, welche während der Reise S.M.S. *Corvette Gazelle* um die Erde gesammelt wurden. *Monatsberichte der königlich preussischen Akademie der Wissenschaften zu Berlin*, 1878, 524–550.
- Studer, T. (1879) [Ref. 5212] Übersicht der Anthozoa Alcyonaria, welche während der Reise S.M.S. *Gazelle* um die Erde gesammelt wurden. *Monatsberichte der königlich preussischen Akademie der Wissenschaften zu Berlin*, 1878, 632–688.
- Swartz, O. (1788) [Ref. 6085] *Medusa unguiculata* och *Actinia pusilla*; upptäckte och beskrifne. *Kungliga Svenska Vetenskapsakademiens Handlingar*, 9, 198–202.
- Teissier, G. (1965) [Ref. 4978] *Inventaire de la faune marine de Roscoff*. Station Biologique de Roscoff, Roscoff, 62 pp.
- Templeton, R. (1836) [Ref. 731] A catalogue of the species of rayed animals found in Ireland, as selected from the papers of the late J. Templeton, Esq., of Cranmore, with notices of localities, and with some descriptions and illustrations. *Magazine of Natural History*, 9, 301–305, 417–422, 466–472.
- Templeton, R. (1839) [Ref. 1841] Descriptions of a few invertebrated animals obtained at the Isle of France. *Transactions of the Zoological Society of London*, 2, 25–30. [published January 1839]
- Thomas, I.M. & Shepherd, S.A. (1982) [Ref. 1193] Sea anemones (orders Actiniaria, Zoanthidea and Corallimorpharia). In: Shepherd, S.A. & Thomas, I.M. (Eds.), *Marine Invertebrates of Southern Australia Part I*. D. J. Woolman, Government Printer, South Australia, pp. 160–169. [published 1 February 1982]
- Thompson, W. (1853) [Ref. 251] Description of a new species of *Corynactis*. *Proceedings of the Zoological Society of London*, 21, 107–108. [published January 1853]
- Thompson, W. (1856) [Ref. 705] Zoophyta. *The Natural History of Ireland*. Henry G. Bohn, London, pp. 451–476.
- Thompson, W. (1858) [Ref. 252] Remarks on the British Actiniadae, and re-arrangement of the genera. *Proceedings of the Zoological Society of London*, 26, 145–149. [published January 1858]
- Thorbjørn, L. & Høpner Petersen, G. (2003) [Ref. 1918] The epifauna on the carbonate reefs in the Arctic Ikka Fjord, SW Greenland. *Ophelia*, 57, 177–202. [published December 2003]
- von Tilesius, A. (1826) [Ref. 6186] *Naturhistorische Abhandlungen und Erläuterungen besonders die Petrefactenkunde*. Johann Christian Krieger und Compagnie, Cassel, 154 pp.
- Tilesius, G.T. (1809) [Ref. 613] De nova Actiniarum specie gigantea, Kamtschatica. *Memoires de l'Académie Impériale des Sciences de St. Pétersbourg*, 1, 388–422.
- Tkachenko, K.S., Wu, B.J., Fang, L.S. & Fan, T.Y. (2007) [Ref. 5748] Dynamics of a coral reef community after mass mortality of branching *Acropora* corals and an outbreak of anemones. *Marine Biology*, 151, 185–194. [published March 2007]
- Torrey, H.B. (1902) [Ref. 253] Papers from the Harriman Alaska Expedition. XXX. Anemones, with discussion of variation in *Metridium*. *Proceedings of the Washington Academy of Sciences*, 4, 373–410.
- Torrey, H.B. (1906) [Ref. 566] The California shore anemone, *Bunodactis xanthogrammica*. *University of California Publications in Zoology*, 3, 41–45.
- Torrey, H.B. & Mery, J.R. (1904) [Ref. 5793] Regeneration and non-sexual reproduction in *Sagartia davisii*. *University of California Publications in Zoology*, 1, 211–226. [published 10 May 1904]
- Trivedi, Y. (1974) [Ref. 1310] A note on the fish, *Amphiprion polymnus* (Linn.), a new record to the Indian coast. *Current Science*, 43, 387–390. [published 20 June 1974]
- Tsurpalo, A.P. & Kostina, E.E. (2003) [Ref. 1787] Feeding characteristics of three species of intertidal sea anemones of the South Kuril Islands. *Russian Journal of Marine Biology*, 29, 31–40. [published January 2003]
- Tugwell, G. (1856) [Ref. 452] *A Manual of the Sea-Anemones Commonly Found on the English Coast*. John Van Voorst, London, 123 pp.
- Tur, J.M. (1993) [Ref. 254] Redescription and biological aspects of *Hormathia alba* (Andres, 1881), a luminescent sea anemone (Anthozoa, Actiniaria). *Helgoländer Meeresuntersuchungen*, 47, 213–219. [published June 1993]
<http://dx.doi.org/10.1007/BF02430359>
- Uchida, H. (2004) [Ref. 5647] Actinologica Japonica (1) on the actinarian family Halcuriidae from Japan. *Kuroshio Biosphere: Bulletin of the Biological Institute of Kuroshio*, 1, 7–26. [published November 2004; names of species described in this publication unavailable: no repository for holotype fixed as required by International Code of Zoological Nomenclature Article 16.4.2]
- Uchida, H. (2007) [Ref. 5853] Actinologia japonica (2) on the actinarian family Actinernidae from Japan. *Kuroshio Biosphere: Bulletin of the Biological Institute of Kuroshio*, 3, 17–32.
- Uchida, H., Okamoto, K. & Fukuda, T. (1975) [Ref. 1307] Some observations on the symbiosis between anemonefishes and sea-anemones in Japan. *Bulletin of the Marine Park Research Stations*, 1, 31–46.

- Uchida, H. & Soyama, I. (2001) [Ref. 1832] *Sea Anemones in Japanese Waters*. TBS, Japan, 157 pp. [published 3 July 2001]
- Uchida, T. (1932) [Ref. 255] Description of a new actinian, *Andwakia Hozawai* n. sp. *Proceedings of the Imperial Academy (Japan)*, 8, 394–396.
- Uchida, T. (1932) [Ref. 256] On a new actinian, *Milne-Edwardsia akkeshi* n. sp., from northern Japan. *Annotationes Zoologicae Japonenses*, 13, 571–575.
- Uchida, T. (1932) [Ref. 501] Occurrence in Japan of *Diadumene luciae*, a remarkable actinian of rapid dispersal. *Journal of the Faculty of Science, Hokkaido Imperial University*, 2, 69–82.
- Uchida, T. (1934) [Ref. 258] A brood-caring actinian subject to a wide range of colour variation. *Journal of the Faculty of Science, Hokkaido Imperial University*, 3, 17–31.
- Uchida, T. (1938) [Ref. 260] Actiniaria of Mutsu Bay. *Report of the Biological Survey of Mutsu Bay*, 13, 281–317.
- Uchida, T. (1938) [Ref. 259] Tropical actinian forms in Japan (I). *Annotationes Zoologicae Japonenses*, 17, 623–635.
- Uchida, T. (1940) [Ref. 1820] The fauna of Akkeshi Bay X. Actiniaria. *Journal of the Faculty of Science, Hokkaido Imperial University*, 7, 265–275. [published November 1940]
- Uchida, T. (1940) [Ref. 562] A new actinian, *Paranthus sociatus* n. sp. *Annotationes Zoologicae Japonenses*, 19, 225–228.
- Uchida, T. (1960) [Ref. 567] *Carcinactis ichikawai*, n. gen.; n. sp., an actiniarian commensal with the crab *Dorippe granulata*. *Japanese Journal of Zoology*, 12, 595–601. [published March 1960]
- Uchida, T. & Muramatsu, S. (1958) [Ref. 261] Notes on some Japanese sea-anemones. *Journal of the Faculty of Science, Hokkaido Imperial University*, 14, 111–119.
- Uchida, T. & Uchida, H. (1969) [Ref. 524] On the peculiar actinian, *Synandwakia hozawai* (Uchida). *Journal of the Faculty of Science, Hokkaido Imperial University*, 17, 1–5.
- Uechi, G.I., Toma, H., Arakawa, T. & Sato, Y. (2005) [Ref. 5076] Biochemical and physiological analyses of a hemolytic toxin isolated from a sea anemone *Actinaria villosa*. *Toxicon*, 45, 761–766.] [published May 2005]
- Vafidis, D. & Chintiroglou, C.C. (2002) [Ref. 1768] *Segonzactis hartogi* sp. n. (Condylanthidae) and other sea anemones of the Aegean deep water. *Belgium Journal of Zoology*, 132, 87–93.
- Van der Vlugt, P.J. (1976) [Ref. 314] De valkuilanemone (*Actinoporus elegans* Duchassaing 1850). *Het Aquarium Maandblad voor Aquarium-, Terrarium- en Insectariumkunde*, 46, 310–313.
- van Soest, R.W.M. (1979) [Ref. 236] A catalogue of the coelenterate type specimens of the Zoological Museum of Amsterdam. IV. Gorgonacea, Actiniaria, Scleractinia. *Beaufortia*, 29, 81–126.
- Verrill, A.E. (1864) [Ref. 456] List of the polyps and corals sent by the Museum of Comparative Zoölogy to other institutions in exchange, with annotations. *Bulletin of the Museum of Comparative Zoology (Harvard University)*, 1, 29–60.
- Verrill, A.E. (1864) [Ref. 455] Revision of the Polypi of the eastern coast of the United States. *Memoirs of the Boston Society of Natural History*, 1, 1–45.
- Verrill, A.E. (1865) [Ref. 457] Classification of polyps (Extract condensed from a Synopsis of the Polypi of the North Pacific Exploring Expedition, under Captains Ringgold and Rodgers, U.S.N.). *Proceedings of the Essex Institute*, 4, 145–152. [published April 1865; source of nomenclatural acts because published prior to Verrill, 1865 [Ref. 726]]
- Verrill, A.E. (1865) [Ref. 726] Classification of polyps. (Extract condensed from a Synopsis of the Polypi of the North Pacific Exploring Expedition under Captains Ringgold and Rodgers, U.S.N.). *Annals and Magazine of Natural History*, series 3, 16, 191–197. [published later than April 1865: noted to be “From the ‘Proceedings of the Essex Institute,’ U.S., for 1865” (which is Verrill (1865) [Ref. 457]); therefore nomenclatural acts not original]
- Verrill, A.E. (1866) [Ref. 459] On the polyps and echinoderms of New England, with descriptions of new species. *Proceedings of the Boston Society of Natural History*, 10, 333–357.
- Verrill, A.E. (1867) (for 1866) [Ref. 5915] Madreporaria [continued]. *Communications of the Essex Institute*, 5, 33–50. [published January 1867]
- Verrill, A.E. (1868) [Ref. 460] Synopsis of the polyps and corals of the North Pacific Exploring Expedition, under Commodore C. Ringgold and Capt. John Rodgers, U.S.N., from 1853 to 1856. Collected by Dr. Wm. Stimpson, Naturalist to the Expedition. Part IV. Actiniaria [First part]. *Communications of the Essex Institute*, 5, 315–330. [reprint pages 1–16; published December 1868]
- Verrill, A.E. (1869) [Ref. 554] Descriptions of a remarkable new jellyfish and two actinians from the coast of Maine. *Annals and Magazine of Natural History*, series 4, 4, 160–163.
- Verrill, A.E. (1869) [Ref. 458] Review of the corals and polyps of the west coast of America. *Transactions of the Connecticut Academy of Arts and Sciences*, 1, 377–558. [published November 1869]
- Verrill, A.E. (1869) (1870) [Ref. 461] Synopsis of the polyps and corals of the North Pacific Exploring Expedition, under Commodore C. Ringgold and Capt. John Rodgers, U.S.N., from 1853 to 1856. Collected by Dr. Wm. Stimpson, Naturalist to the Expedition. Part IV. Actiniaria [Second part]. *Proceedings of the Essex Institute*, 6, 51–104. [reprint pages 17–69; author’s copies issued November 1869; regular issue March 1870]
- Verrill, A.E. (1871) (1870) [Ref. 1168] On the geographical distribution of the polyps of the west coast of America. *Transactions of the Connecticut Academy of Arts and Sciences*, 1, 558–567.
- Verrill, A.E. (1872) [Ref. 702] On Radiata from the coast of North Carolina. *American Journal of Science and Arts*, 3, 432–438. [published June 1872]
- Verrill, A.E. (1873) [Ref. 462] Explorations of Casco Bay by the U.S. Fish Commission, in 1873. *Proceedings of the American Association for the Advancement of Science*, 22, 340–395.
- Verrill, A.E. (1873) [Ref. 728] Report upon the invertebrate animals of Vineyard Sound and the adjacent waters, with an account of the physical characters of the region. In: Baird, S.F. (Ed.), *US Commission of Fish and Fisheries Part I. Report on the Condition of the Sea Fisheries of the South Coast of New England in 1871 and 1872*. Government Printing Office, Washington, D.C., pp. 295–521.

- Verrill, A.E. (1873) [Ref. 463] Results of recent dredging expeditions on the coast of New England. *American Journal of Science and Arts*, 5, 1–16. [published January 1873]
- Verrill, A.E. (1874) [Ref. 700] Results of recent dredging expeditions on the coast of New England. No. 6. *American Journal of Science and Arts*, 7, 405–414. [published April 1874]
- Verrill, A.E. (1874) [Ref. 699] Results of recent dredging expeditions on the coast of New England. No. 7. *American Journal of Science and Arts*, 7, 498–505. [published May 1874]
- Verrill, A.E. (1879) [Ref. 465] Notice of recent additions to the marine fauna of the eastern coast of North America, No. 5. *American Journal of Science and Arts*, 17, 472–474. [published June 1879]
- Verrill, A.E. (1879) [Ref. 1494] *Preliminary check-list of the marine invertebrata of the Atlantic Coast, from Cape Cod to the Gulf of St. Lawrence*. Tuttle, Morehouse & Taylor, Printers, New Haven, 32 pp. [published June 1879]
- Verrill, A.E. (1879) [Ref. 725] Radiates. *Bulletin of the United States National Museum*, 15, 151–153.
- Verrill, A.E. (1880) [Ref. 464] Notice of recent additions to the marine invertebrata, of the northeastern coast of America, with descriptions of new genera and species, and critical remarks on others. Part I — Annelida, Gephyræa, Nemertina, Nematoda, Polyzoa, Tunicata, Mollusca, Anthozoa, Echinodermata, Porifera. *Proceedings of the United States National Museum*, 2, 165–205.
<http://dx.doi.org/10.5479/si.00963801.76.165>
- Verrill, A.E. (1882) [Ref. 466] Notice of the remarkable marine fauna occupying the outer banks off the southern coast of New England, No. 4. *American Journal of Science and Arts*, 23, 216–225. [published March 1882]
- Verrill, A.E. (1882) [Ref. 1320] Notice of the remarkable marine fauna occupying the outer banks off the southern Coast of New England, No. 5. *American Journal of Science and Arts*, 23, 309–316. [published April 1882]
- Verrill, A.E. (1882) [Ref. 724] Notice of the remarkable marine fauna occupying the outer banks off the southern coast of New England, No. 7, and of some additions to the fauna of Vineyard Sound. *American Journal of Science and Arts*, 24, 360–371. [published November 1882]
- Verrill, A.E. (1883) [Ref. 467] Reports on the Anthozoa, and on some additional species dredged by the "Blake" in 1877-1879, and by the U. S. Fish Commission Steamer "Fish Hawk" in 1880-82. *Bulletin of the Museum of Comparative Zoology (Harvard University)*, 11, 1–72.
- Verrill, A.E. (1885) [Ref. 468] Results of the explorations made by the steamer "Albatross," off the northern coast of the United States, in 1883. *Report on the United States Commission of Fish and Fisheries, 1883*, 503–699.
- Verrill, A.E. (1898) [Ref. 469] Descriptions of new American actinians, with critical notes on other species, I. *American Journal of Science and Arts*, 6, 493–498. [published 1 December 1898]
- Verrill, A.E. (1899) [Ref. 470] Descriptions of imperfectly known and new Actinians, with critical notes on other species, II. *American Journal of Science and Arts*, 7, 41–50. [published January 1899]
- Verrill, A.E. (1899) [Ref. 471] Descriptions of imperfectly known and new actinians, with critical notes on other species, III. *American Journal of Science and Arts*, 7, 143–146. [published February 1899]
- Verrill, A.E. (1899) [Ref. 472] Descriptions of imperfectly known and new Actinians, with critical notes on other species, IV. *American Journal of Science and Arts*, 7, 205–218. [published March 1899]
- Verrill, A.E. (1899) [Ref. 473] Descriptions of imperfectly known and new Actinians, with critical notes on other species, V. *American Journal of Science and Arts*, 7, 375–380. [published 1 May 1899]
- Verrill, A.E. (1900) [Ref. 474] Additions to the Anthozoa and Hydrozoa of the Bermudas. Anthozoa. *Transactions of the Connecticut Academy of Arts and Sciences*, 10, 551–572.
- Verrill, A.E. (1901) [Ref. 475] Additions to the fauna of the Bermudas from the Yale Expedition of 1901, with notes on other species. *Transactions of the Connecticut Academy of Arts and Sciences*, 11, 15–62.
- Verrill, A.E. (1907) [Ref. 973] Additions to the Anthozoa and Hydrozoa of the Bermudas. Anthozoa. In: Verrill, A.E. (Ed.), *Zoology of Bermuda*. Verrill, A. E., New Haven, Conn., pp. 551–572.
- Verrill, A.E. (1907) [Ref. 476] The Bermuda Islands. Part IV. - Geology and paleontology, and Part V. — An account of the coral reefs. *Transactions of the Connecticut Academy of Arts and Sciences*, 12, 45–348. [ostensibly published June 1905, reprinted 1907, but 1905 publication not found so reference dated 1907]
- Verrill, A.E. (1914) [Ref. 6254] Priority overworked. *Science* n. s., 39, 607–609. [published 24 April 1914]
- Verrill, A.E. (1922) [Ref. 477] The Actiniaria of the Canadian Arctic Expeditions, with notes on interesting species from Hudson Bay and other Canadian localities. *Report on the Canadian Arctic Expedition 1913-1918*, 8, 89–164.
- Verrill, A.E. (1928) [Ref. 263] Hawaiian shallow water Anthozoa. *Bernice P. Bishop Museum Bulletin*, 49, 3–30.
- Verwey, J. (1930) [Ref. 1834] Coral reef studies, I. The symbiosis between damselfishes and sea anemones in Batavia Bay. *Treubia*, 12, 305–366. [published December 1930]
- Voss, G.L., Bayer, F.M., Robins, C.R., Gomon, M. & LaRoe, E.T. (1969) [Ref. 5122] *The Marine Ecology of the Biscayne National Monument*. Unpublished document from the University of Miami. 128 pp. [issued 20 September]
- Walton, C.L. (1908) [Ref. 265] Actiniae collected by the S.S. "Huxley" in the North Sea during the summer of 1907. *Journal of the Marine Biological Association of the United Kingdom*, 8, 215–226. [published 1 May 1908]
- Walton, C.L. (1908) [Ref. 264] Notes on some Sagartiidae and Zoanthidae from Plymouth. *Journal of the Marine Biological Association of the United Kingdom*, 8, 207–214. [published 1 May 1908]
- Walton, C.L. (1910) [Ref. 6096] *Kodioides borleyi*, n. sp. *Journal of the Marine Biological Association of the United Kingdom*, 9, 85–87. [published 1 October 1910]
- Walton, C.L. & Rees, O.M. (1913) [Ref. 266] Some rare and interesting sea anemones from Plymouth. *Journal of the Marine Biological Association of the United Kingdom*, 10, 60–69. [published 1 November 1913]
- Wassilieff, A. (1908) [Ref. 478] Japanische Actinien. *Abhandlungen des Mathematischen-Physikalischen Institutes der Kaiserlichen*

Bayerischen Akademie der Wissenschaften, Suppl. 1, 1–49.

- Watzl, O. (1922) [Ref. 479] Die Actiniarien der Bahamainseln. *Arkiv für Zoologi*, 14, 1–89.
- Wedi, S.E. & Dunn, D.F. (1983) [Ref. 5979] Gametogenesis and reproductive periodicity of the subtidal sea anemone *Urticina lofotensis* (Coelenterata: Actiniaria) in California. *Biological Bulletin*, 165, 458–472. [published October 1983]
- Weill, R. (1929) [Ref. 5098] New results from the study of coelenterate nematocysts. *Proceedings of the National Academy of Sciences of the United States of America*, 15, 887–892. [published 15 December 1929]
<http://dx.doi.org/10.1073/pnas.15.12.887>
- Weill, R. (1934) [Ref. 5655] *Contribution a l'Étude des Cnidaires et de leurs Nématocystes*. Les Presses Universitaires de France, Paris, 700 pp.
- Weinland, D.F. (1860) [Ref. 691] Über Inselbildung durch Korallen und Mangrovebüsche im mexikanischen Golf. *Württembergische Naturwissenschaftliche Jahreshefte*, 16, 31–44.
- Weis, V.M. & W.S. Reynolds (1999) [Ref. 6249] Carbonic anhydrase expression and synthesis in the sea anemone *Anthopleura elegantissima* are enhanced by the presence of dinoflagellate symbionts. *Physiological and Biochemical Zoology*, 72, 307–316. [published May/June 1999]
- White, T.R., Wakefield Pagels, A.K. & Fautin, D.G. (1999) [Ref. 783] Abyssal sea anemones (Cnidaria: Actiniaria) of the northeast Pacific symbiotic with molluscs: *Anthosactis nomados*, a new species, and *Monactis vestita* (Gravier, 1918). *Proceedings of the Biological Society of Washington*, 112, 637–651. [published 29 December 1999]
- Whiteaves, J.F. (1901) [Ref. 6236] *Catalogue of the Marine Invertebrata of Canada*. Geological Survey of Canada, Ottawa. 271 pp.
- Widersten, B. (1976) [Ref. 267] Ceriantharia, Zoanthidea, Corallimorpharia, and Actiniaria from the continental shelf and slope off the eastern coast of the United States. *Fishery Bulletin*, 74, 857–878.
- Wiktor, J. (1992) [Ref. 727] Type specimens of invertebrates (excluding insects) in the Wladyslaw Rydzewski Museum of Natural History Wrocław University. *Acta Universitatis Wratislaviensis (Prace zoologiczne)*, 23 Prace Zoologiczne, 137–155.
- Williams, R.B. (1980) [Ref. 1465] A further note on catch-tentacles in sea anemones. *Transactions of the Norfolk and Norwich Naturalist's Society*, 25, 84–86.
- Williams, R.B. (1981) [Ref. 488] The authorship of the family name Metridiidae (Coelenterata: Anthozoa) Z.N.(S.) 2263. *Bulletin of Zoological Nomenclature*, 38, 156–157. [published July 1981]
- Williams, R.B. (1981) [Ref. 491] A sea anemone, *Edwardsia meridionalis* sp. nov., from Antarctica and a preliminary revision of the genus *Edwardsia* De Quatrefages, 1841 (Coelenterata: Actiniaria). *Records of the Australian Museum (Sydney)*, 33, 325–360. doi:10.3853/j.0067-1975.33.1981.27
- Williams, R.B. (1997) [Ref. 695] *Actinothoe sphyrodeta* (Cnidaria, Actiniaria): The first records from Portugal and the Mediterranean Sea. *Journal of the Marine Biological Association of the United Kingdom*, 77, 245–248. [published 1 February 1997]
- Williams, R.B. (1997) [Ref. 647] Nomenclator actinologicus seu indices Ptychodactiliarum, Corallimorphiarum et Actiniarum comprising indexes of the taxa, synonyms, authors and geographical distributions of the sea anemones of the world included in Professor Oskar Carlgren's 1949 survey. *Zoologische Mededelingen, Leiden*, 71, 109–156.
- Williams, R.B. (2012) [Ref. 6221] Identification and dating of the editions and issues of "Le Attinie", a taxonomic monograph of the world's sea anemones (Cnidaria: Hexacorallia), by Angelo Andres. *Zoological Bibliography*, 2, 90–104.
- Williams, R.B., Cornelius, P.F.S. & Clark, A.M. (1982) [Ref. 489] Proposed conservation of *Actinia* Linnaeus, 1767 and Actiniidae Goldfuss, 1820 (Coelenterata, Actiniaria) and *Pentacta* Goldfuss, 1820 (Echinodermata, Holothuriodea) Z.N.(S.) 825. *Bulletin of Zoological Nomenclature*, 39, 288–292. [decision by International Commission on Zoological Nomenclature in 1985 [Ref. 6168]]
- Wilsmore, L.J. (1911) [Ref. 268] On some Hexactiniae from New South Wales. *Journal of the Linnean Society of London (Zoology)*, 32, 39–57. [published July 1911]
- Wilson, H.V. (1890) [Ref. 591] On a new actinia, *Hoplophoria coralligens*. *Studies at the Biological Laboratory of the Johns Hopkins University (Baltimore)*, 4, 379–387.
- Wirtz, P., de Melo, G. & de Grave, S. (2009) [Ref. 6090] Symbioses of decapod crustaceans along the coast of Espírito Santo, Brazil. *Marine Biodiversity*, 2, 1–9.
- Wright, T.S. (1856) [Ref. 630] On two new Actinias. *Edinburgh New Philosophical Journal*, 4, 92–94. [published no earlier than November 1856; inferred to have been published after Wright, 1856 [Ref. 663], so nomenclatural acts not original]
- Wright, T.S. (1856) [Ref. 663] On two new Actinias from Arran. *Proceedings of the Royal Physical Society of Edinburgh*, 1, 70–72. [published no earlier than May 1856; inferred to have been published before Wright, 1856 [Ref. 630], so nomenclatural acts original]
- Wright, E.P. (1859) [Ref. 948] Notes on the Irish Actinidæ, etc., with especial reference to their distribution. *Natural History Review, and Quarterly Journal of Science*, 6, 113–125. [published no earlier than June 1859; inferred to have been published after Wright, 1859 [Ref. 949], so nomenclatural acts not original]
- Wright, E.P. (1859) [Ref. 949] Notes on the Irish Actinidæ, etc., with especial reference to their distribution. *Proceedings of the Dublin University Zoological and Botanical Association*, 1, 174–188. [inferred to have been published before Wright, 1859 [Ref. 948], so nomenclatural acts original]
- Wright, T.S. (1860) [Ref. 6017] Observations on British zoophytes. *Edinburgh New Philosophical Journal*, 12, 156–157.
- Wright, E.P. (1866) [Ref. 6126] Coelenterata. In: Günther, A.C.L.G. (Ed.), *The Record of Zoological Literature*. John Van Voorst, London, pp. 768–784.
- Wyragévitch, T. (1905) [Ref. 751] Sur la *Halcampella ostroumowi*, mihi n. sp., trouvée dans la mer Noire. *Travaux du Laboratoire Zoologique et de la Station Biologique de Sébastopol*, no. 10, 1–14. [published 9 March 1905]
- Yanagi, K. & Daly, M. (2004) [Ref. 4952] The hermaphroditic sea anemone *Anthopleura atodai* n. sp. (Anthozoa: Actiniaria: Actiniidae) from Japan, with a redescription of *A. hermaphroditica*. *Proceedings of the Biological Society of Washington*, 117,

408–422. [published 7 December 2004]

- Yanagisawa, Y. & Ochi, H. (1986) [Ref. 1309] Step-fathering in the anemonefish *Amphiprion clarkii*: a removal study. *Animal Behaviour*, 34, 1769–1780.
- Yap, N.W.L., Fautin, D.G., Ramos, D.A. & Tan, R. (2014) [Ref. 5590] Sea anemones of Singapore: *Synpeachia temasek* new genus, new species, and redescription of *Metapeachia tropica* (Cnidaria: Actiniaria; Haloclavidae). *Proceedings of the Biological Society of Washington*, 127, 439–454. [published 17 October 2014]
<http://dx.doi.org/10.2988/0006-324X-127.3.439>
- Zamponi, M.O. (1974) [Ref. 270] *Neoparacondylactis haraldoi* gen. et sp. nov. (Actiniaria, Actiniidae). *Physis (Buenos Aires)*, 33 (A), 543–547.
- Zamponi, M.O. (1976) [Ref. 269] Enmienda a la familia Sideractiidae Danielssen 1890 (Anthozoa: Corallimorpharia) con la creacion de *Sphincteractis sanmatiensis* gen. et sp. nov. *Physis (Buenos Aires)*, 35 (A), 127–133.
- Zamponi, M.O. (1977) [Ref. 271] La anemonofauna de Mar del Plata y localidades vecinas. I. Las anemonas Boloceroidea y Endomyaria. (Coelenterata: Actiniaria). *Neotropica*, 23, 137–153.
- Zamponi, M.O. (1978) [Ref. 273] Sobre la anemona *Paraisometridium pehuensis*, gen. y sp. nov. (Actiniaria: Metridiidae). *Neotropica*, 24, 117–122.
- Zamponi, M.O. (1978) [Ref. 274] La anemonofauna de Mar del Plata y localidades vecinas II. La anemonas Mesomyaria. (Coelenterata: Actiniaria). *Neotropica*, 24, 21–26.
- Zamponi, M.O. (1980) (for 1979) [Ref. 272] La anemonofauna de Mar del Plata y localidades vecinas III. Las anemonas Acontaria (Coelenterata Actiniaria). *Neotropica*, 25, 145–154.
- Zamponi, M.O. (1981) [Ref. 553] Estructuras anatomicas adaptativas en anemonas (Coelenterata Actiniaria). *Neotropica*, 27, 165–169.
- Zamponi, M.O. (1984) [Ref. 5777] Los primeros estadios del desarrollo en *Actinostola crassicornis* (Hertwig, 1882) (Actiniaria: Actinostolidae). *Neotropica*, 30, 111–120. [published I June 1984]
- Zamponi, M.O. (1985) [Ref. 275] Algunos integrantes de la actinofauna (familias Hormathiidae y Sagartiomorphidae) del Mar Mediterraneo y Japon (1). *Historia Natural (Corrientes)*, 5, 69–76.
- Zamponi, M.O. (1989) [Ref. 276] *Los Cnidaria y su interaccion pelagico-bentonica*. Universidad Nacional de Mar del Plata, 54 pp.
- Zamponi, M.O. (2000) [Ref. 5711] Sintesis sobre la biologia reproductiva de los actinarios intermareales de Mar del Plata (Argentina). *Revista Real Academia Galega de Ciencias*, 19, 43–53.
- Zamponi, M.O. (2002) [Ref. 5710] Cnidarians from great bioenvironmental units (= intertidal ecosystems) of province of Buenos Aires (Argentina) and the human impact. *Revista Real Academia Galega de Ciencias*, 21, 5–17.
- Zamponi, M.O. & Acuña, F.H. (1992) [Ref. 277] Algunos Hexacorallia (Cnidaria) del intermareal de Puerto Madryn y la enmienda del genero *Parabunodactis* Carlgren, 1928. *Neotropica*, 38, 41–51.
- Zamponi, M.O., Belém, M.J.d., Schlenz, E. & Acuña, F.H. (1998) [Ref. 752] Distribution and some ecological aspects of Corallimorpharia and Actiniaria from shallow waters of the South American Atlantic coasts. *Physis (Buenos Aires)*, 55, 31–45.
- Zamponi, M.O. & Excoffon, A.C. (1995) (for 1992) [Ref. 279] La anemonofauna de Bahia Concepcion (Chile). I. Algunos aportes a la distribucion y biologia de los generos *Phlyctenactis* Stuckey, 1909 (Actiniaria: Actiniidae) y *Antholoba* Hertwig, 1882 (Actiniaria: Actinostolidae). *Physis (Buenos Aires)*, 50 (A), 1–6.
- Zamponi, M.O. & Perez, C.D. (1996) [Ref. 1395] Comparative morphological study of different species of Actiniaria between the intertidal zone from Mar del Plata and Santa Clara del Mar (Argentine). I. *Phymactis clematis* Dana, 1849 (Anthozoa; Actiniidae). *Biociencias*, 4, 91–102. [published June 1996]
- Zeiller, W. (1974) [Ref. 280] Phylum Coelenterata. The polyp animals. *Tropical Marine Invertebrates of Southern Florida and the Bahama Islands*. Wiley-Interscience Publ., John Wiley and Sons, New York and other cities, pp. 8–29.
- Zelnio, K.A., Rodríguez, E. & Daly, M. (2009) [Ref. 6100] Hexacorals (Anthozoa: Actiniaria, Zoanthidea) from hydrothermal vents in the south-western Pacific. *Marine Biology Research*, 5, 547–571.
- Zhiubikas, I.I. (1977) [Ref. 1510] Some species of actinians of the western region of the Barents Sea and Franz Josef Land. *Biocoenoses of the Shelf of Franz Josef Land and the Fauna of Adjacent Waters*. Academy of Sciences of the U.S.S.R. Zoological Institute, St. Petersburg, pp. 106–125.