



## Genera of orders Actiniaria and Corallimorpharia (Cnidaria, Anthozoa, Hexacorallia), and their type species\*

DAPHNE GAIL FAUTIN, TARAS ZELENCHUK & DINESH RAVEENDRAN

*Department of Ecology and Evolutionary Biology, and Natural History Museum, University of Kansas, Lawrence, Kansas 66045 USA  
fautin@ku.edu*

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### Abstract

We determined the type species, if any, for the 425 genera of the order Actiniaria and for the 19 genera of order Corallimorpharia. In Actiniaria, 393 genera have a clear type species; 46 generic names are homonyms, 17 of which are senior, 26 of which are junior (six have been replaced), and three are both junior and senior. Of the 18 available genera of Corallimorpharia, there are no junior homonyms, and one senior homonym.

**Key words:** sea anemones, nomenclature, taxonomy

### Introduction

Cnidarian order Actiniaria (sea anemones *sensu stricto*) is a relatively small taxon, containing 1426 nominal species, of which 1103 are currently considered valid (Fautin 2007). However, it is rich in genera, 425 having been made available. We determined the type species, if any, for all genera of the order Actiniaria, as well as for the 19 genera of order Corallimorpharia (members of which resemble sea anemones in lack of a skeleton, but are like scleractinian corals in morphology and nematocysts: e.g. Fautin *et al.* 2002). For any homonyms of generic names, we determined seniority. We consulted the publication in which the genus was described to ascertain whether it had been typified in accordance with the International Code of Zoological Nomenclature (ICZN) (International Commission of Zoological Nomenclature 1999). Our nomenclatural findings are also available through the on-line database “Hexacorallians of the World” (Fautin 2007).

We found 392 of the 425 genera of Actiniaria to have a clear type species; we designated that of one additional genus. Forty-six of the generic names are homonyms, five of them within Actiniaria (the names *Buno-*