



Holotypes of ostracods of Order Podocopida from the collection of the Museum of A.V.Zhirmunsky Institute of Marine Biology FEB RAS (Vladivostok)

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Abstract

The Museum collection of A.V. Zhirmunsky Institute of Marine Biology FEB RAS contains 208 holotypes of ostracods of Order Podocopida described in 25 works of E.I. Schornikov and co-authors published within the period of 1969–2006. The list of these holotypes includes taxa of suprageneric level listed in systematic order, and taxa of lower level are listed in alphabetic order. New numbers, assigned to the holotypes instead of the previous ones as the result of reorganization of the Museum specimen collections, are supplied, as well as revised and modern names if the original ones were changed, and corresponding references.

Key words: Ostracoda, Podocopida, holotypes, the Museum of IMB FEB RAS

Introduction

The Museum of A.V. Zhirmunsky Institute of Marine Biology FEB RAS has one of the largest collections of modern ostracods in the world (Keyser 1988). In particular, it holds 208 holotypes of marine, fresh water and fossil ostracod species of the Order Podocopida from different regions of the world, described in 25 works of E.I. Schornikov and co-authors within the period of 1969–2006. Initially, when a Department (1966) and then the Institute of Marine Biology (1970) was founded, type collections were deposited in the Laboratory of Chorology IMB. In different periods of time they were supervised by different persons. When in 1994 the Museum was organized, the specimen collections were revised, and it was revealed that there are serious confusions of collection unit numbers. It was decided to adopt a unified numeration of all collection units and to replace old numbers by new ones. As a result, numbers of 190 ostracod holotypes published before 1996 became invalid. This circumstance was one of the reasons for the present publication. Also, the original descriptions of four species described from the Black Sea (Schornikov 1969c) did not include the type localities, so for these species this is the first time this information is published. Now, the ostracod collection is supervised by O.A. Tsareva, a key specialist of the Museum.

In the collection ostracod shells (carapaces and valves) are stored in cavity slides, and soft parts (if any) are sealed in micropreparations on glass slides in different media (gelatine-glycerine, Canada balsam, Hydromatrix and others).

In the list presented below, suprageneric taxa are listed in systematic order, whereas taxa of lower levels are arranged alphabetically. Information on holotypes is presented in the following way: order number in the list, original name of a taxon, reference, sex or age stage (f – female, m – male, Ad – adult individual if sex was not identified; A-1, A-2 - instars); new holotype numbers (old numbers are given in brackets); modern name if an original one was changed, and appropriate reference. In cases where misprints or mistakes were corrected in species names by Kempf (1986) and other authors, the incorrect original names are given in between the symbols < and >. In previous years every holotype was usually given two numbers: one for a specimen in cavity slides and one for a glass slide (if soft parts were available). At present each holotype is