



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

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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-*

della, *Cladactis*, *Paraphellia*, *Phelliopsis*, and *Stephanactis* each was used for two genera of sea anemones). In 17 cases, the sea anemone name is senior; of the 26 junior homonyms, seven have been replaced; three names are both junior and senior homonyms. Of the 18 available generic names of Corallimorpharia, there are no junior homonyms and one senior homonym; 13 are currently considered valid.

The name *Endocoelactis* was proposed for an actinarian genus by Carlgren (1897) but no species was attributed to the genus, so it is a *nomen nudum* (ICZN Article 12.2.5). The name *Chalmersia* was proposed for a corallimorpharian by Delage and Hérouard (1901) but no species was attributed to it, so it is a *nomen nudum* (ICZN Art. 12.2.5).

Methods

We follow the current classification of higher taxa. Thus, although some corallimorpharians were described as actinarians, we treat them as corallimorpharians. Reciprocally, some species of sea anemones have been placed in corallimorpharian genera *Discosoma*, *Discosomoides*, and *Rhodactis*. This accounts for those names appearing in the pick list of actinarian genera in the on-line resource “Hexacorallians of the World” (Fautin 2007), although we do not include those genera among Actiniaria below. The name *Paradiscosoma* could be mistaken for that of a corallimorpharian, but its type genus is a zoanthid; likewise, the zoanthid genus *Isaura* has been used for a corallimorpharian; the type species of the genus *Cereus* is a cerianthid: none of these are included here. We include in Actiniaria genera that previously constituted hexacorallian order Ptychodactiaria: Cappola and Fautin (2000) demonstrated there is no basis for separating Ptychodactiaria from Actiniaria. Generic names such as *Hydra*, *Lucernaria*, *Medusa*, and *Urtica* have been applied to sea anemones but properly belong to non-anthozoan cnidarians. The non-cnidarian name *Holothuria* has been applied to sea anemones; one sea anemone genus was described as an echinoderm, one as a sipunculid, and one as a mollusc. We did not include in this inventory the name *Priapus*, which was first coined for a sea anemone (Linnaeus 1758), but was suppressed for that taxon in Opinion 1295 of the International Commission on Zoological Nomenclature (1985).

Information from the published literature (primarily taxonomic but also biogeographic, ecological, toxicological, etc.) has been assembled in “Hexacorallians of the World” (Fautin 2007). We consulted the original description of every actinarian and corallimorpharian genus to ensure accuracy of the information. We also referred to reversionary works and catalogs of sea anemones and corallimorpharians (e.g. Andres 1883; Carlgren 1949), Nomenclator Zoologicus (NZ) (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Vevers 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; and additions that nominally constitute volume 10, available, along with information from all print volumes, at <http://uiio.mbl.edu/Nomenclator-Zoologicus>), and opinions of the International Commission of Zoological Nomenclature, including those on the *Official Lists and Indexes of Names and Works in Zoology* (International Commission on Zoological Nomenclature 1987). Our decisions were based on Chapter 15 of the ICZN that deals with “Types in the genus group.”

The entry for each genus provides the author and date of its publication, and author, date, and criterion for fixation of its type species. Carlgren (1949) specified a type species (which he termed a genotype) for genera in which he included more than one species, but did not for genera containing only a single species; we do not consider that he thereby indicated that one species to be the type species. For type species of replacement names, we follow ICZN Article 67.8 (“both the prior nominal taxon and its replacement have the same type species”), although that rule was not previously observed for some of them. Nomenclature notes include comparison for authorship of the genus with what is provided in NZ and Carlgren (1949). We note species that are the type of more than one genus, but not for replacement names. Spelling variants, if any, found in the literature we surveyed include misspellings as well as alternatives that may have been original but are not

allowed by the current ICZN, such as words that contain hyphens or diacritic marks. The final line of each entry concerning validity is based on the published literature: if that genus contains any species that have not been transferred to other species or synonymized with species in other genera, it is listed as valid. Species that have not been formally transferred when a genus is synonymized or the genus name is replaced will show up under the original name; thus the number of valid genera appears higher than it really is.

We also consulted the original descriptions of taxa bearing homonymous names to ascertain spellings and dates. References for homonyms are given only within the text — and only the page on which the name appears is cited, as in NZ. Our determinations are according to the “Principle of Priority” (ICZN Article 23.1).

GENERA OF ACTINIARIA (SEA ANEMONES *sensu stricto*)

Aceractis Andres, 1883

Type species: *Actinia primula* Drayton in Dana, 1846, by monotypy.

Nomenclature notes: Not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Ververs 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line).

Currently considered valid: No

Acerominyas Andres, 1883

Type species: *Actinia viridula* Quoy and Gaimard, 1833, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939a).

Currently considered valid: No

Acontiactis England, 1990

Type species: *Acontiactis gokhaleae* England, 1990, by original designation.

Nomenclature notes: Authorship is in agreement with Edwards *et al.* (1996).

Currently considered valid: Yes

Acontiophorum Carlgren, 1938

Type species: *Acontiophorum mortenseni* Carlgren, 1938, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1950).

Currently considered valid: Yes

Acraspedanthus Carlgren, 1924a

Type species: *Acraspedanthus elongatus* Carlgren, 1924a, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939a) and with Carlgren (1949).

Currently considered valid: Yes

Acremodactyla Kwietniewski, 1897

Type species: *Acremodactyla ambonensis* Kwietniewski, 1897, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939a).

Currently considered valid: No

Acthelmis Lütken, 1875

Type species: *Actinia intestinalis* Fabricius, 1780, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939a) and with Carlgren (1949).

Currently considered valid: Yes

Actinauge Verrill, 1883

Type species: *Actinia nodosa* Fabricius, 1780, by original designation.

Nomenclature notes: Type species is not in agreement with Carlgren (1949). Authorship is in agreement with Neave (1939a, 1940b) and with Carlgren (1949).

Currently considered valid: Yes

Actinecta de Blainville, 1830

Type species: *Mynias cyanea* Cuvier, 1817, by replacement. Nomenclature notes: Replacement name (ICZN Article 60.2) for the junior homonym *Minyas*. Authorship is in agreement with Neave (1939a).

Currently considered valid: No

Actineria de Blainville, 1830

Type species: *Actineria villosa* Quoy et Gaimard in de Blainville, 1830, by monotypy.

Nomenclature notes: Carlgren (1949) erroneously gave 1833 as the date of the type species. Authorship is in agreement with Neave (1939a) and with Carlgren (1949).

Currently considered valid: Yes

Actinernus Verrill, 1879

Type species: *Actinernus nobilis* Verrill, 1879, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1939a) and with Carlgren (1949).

Spelling errors or variants: *Actinonernus*

Currently considered valid: Yes

Actinia Linnaeus, 1767

Type species: *Priapus equinus* Linnaeus, 1758, by subsequent designation.

Nomenclature notes: Type species was designated by Thompson (1858), and is in agreement with Carlgren (1949) and Opinion 1295 of the International Commission on Zoological Nomenclature (Bulletin of Zoological Nomenclature 42:34–36; April 1985). Authorship is in agreement with Neave (1939a) but not with Carlgren (1949).

Spelling errors or variants: *Actinea*, *Actinia*

Currently considered valid: Yes

Actiniogeton Carlgren, 1938

Type species: *Actinoides sultana* Carlgren, 1900a, by monotypy.

Nomenclature notes: Type species and authorship are in agreement with Carlgren (1949); not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Vevers 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line).

Currently considered valid: No

Actinoides Haddon and Shackleton, 1893

Type species: *Actinoides Dixoniana* Haddon and Shackleton, 1893, by subsequent designation.

Nomenclature notes: Type species was designated by Carlgren (1945). Authorship is in agreement with Neave (1939a).

Spelling errors or variants: *Actiniodes*, *Actinoides*

Currently considered valid: No

Actinocereus de Blainville, 1830

Type species: *Hydra disciflora* Gaertner, 1762, by original designation.

Nomenclature notes: No type species has been designated for this genus; seven species were included in it originally. Authorship is in agreement with Neave (1939a).

Currently considered valid: No

Actinodactylus Duchassaing, 1850

Type species: *Actinodactylus Boscii* Duchassaing, 1850, by monotypy.

Nomenclature notes: In agreement with Neave (1939a), 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. *Actinodactylus Boscii* is also type species of *Stauractis*. Authorship of both genera is in agreement with Neave (1939a).

Currently considered valid: Yes

Actinodendron de Blainville, 1830

Type species: *Actinodendron arborea* Quoy et Gaimard in de Blainville, 1830, by subsequent designation.

Nomenclature notes: Type species was designated by Carlgren (1949), but the date was given as 1833. Authorship is in agreement with Neave (1939a) but Carlgren (1949) erroneously gave 1930 as the date.

Spelling errors or variants: *Actinodendrum*

Currently considered valid: Yes

Actinoloba de Blainville, 1830

Type species: *None*

Nomenclature notes: No type species has been designated for this genus; four species were included in it originally. Authorship is in agreement with Neave (1939a).

Currently considered valid: No

Actinobopsis Verrill, 1899b

Type species: *Actinia reticulata* Couthouy in Dana, 1846, by original designation.

Nomenclature notes: Authorship is in agreement with Neave (1939a). Created by Verrill (1899b) as a replacement name for *Actinoloba* which he attributed to Hertwig (1882). However, Hertwig did not propose this name; presumably, Verrill confused it with Hertwig's *Antholoba*. Therefore, it was an unnecessary replacement name, but is available (ICZN Article 10.6).

Currently considered valid: No

Actinoporus Duchassaing, 1850

Type species: *Actinoporus elegans* Duchassaing, 1850, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1939a) and with Carlgren (1949).

Currently considered valid: Yes

Actinopsis Danielssen and Koren, 1856

Type species: *Actinopsis flava* Danielssen and Koren, 1856, by monotypy.

Nomenclature notes: In agreement with Neave (1939a), 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 (1939a) erroneously attributed authorship of the actiniarian genus to Koren and Danielssen, and of the echinoderm genus to Lambert in 1898 (in a publication different from the one cited here).

Currently considered valid: Yes

Actinoscyphia Stephenson, 1920

Type species: *Actinernus sagineus* Verrill, 1882, by original designation.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1939a) and with Carlgren (1949).

Currently considered valid: Yes

Actinoscyphiopsis Carlgren, 1928a

Type species: *Actinernus aurelia* Stephenson, 1918b, by monotypy.

Nomenclature notes: Not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Vevers 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line).

Currently considered valid: No

Actinostella Duchassaing, 1850

Type species: *Actinostella formosa* Duchassaing, 1850, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939a).

Currently considered valid: Yes

Actinostephanus Kwietniewski, 1897

Type species: *Actinostephanus Haeckeli* Kwietniewski, 1897, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939a) and with Carlgren (1949).

Currently considered valid: Yes

Actinostola Verrill, 1883

Type species: *Urticina callosa* Verrill, 1882, by original designation.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1939a) and with Carlgren (1949).

Currently considered valid: Yes

Actinothoe Fischer, 1889

Type species: *Sagartia sphyrodeta* Gosse, 1858b, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Carlgren (1949); not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Vevers 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line).

Spelling errors or variants: *Actinothoë*

Currently considered valid: Yes

Adamsia Forbes, 1840

Type species: *Actinia maculata* Adams, 1800, by original designation.

Nomenclature notes: Type species is not in agreement with Carlgren (1949). Authorship is in agreement with Carlgren (1949). In agreement with Neave (1939a), 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 is in agreement with Neave (1939a).

Currently considered valid: Yes

Aegeon Gosse, 1865

Type species: *Ægeon Alfordi* Gosse, 1865, by monotypy.

Nomenclature notes: In agreement with Neave (1939a), 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 is in agreement with Neave (1939a).

Spelling errors or variants: *Ægeon*

Currently considered valid: No

Aegir Danielssen, 1887

Type species: *Ægir frigidus* Danielssen, 1887, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939).

Spelling errors or variants: *Ægir*

Currently considered valid: No

Aiptasia Gosse, 1858b

Type species: *Aiptasia amacha* Gosse, 1858b, by monotypy.

Nomenclature notes: Type species is not in agreement with Carlgren (1949). Authorship is in agreement with Neave (1939a) and with Carlgren (1949).

Spelling errors or variants: *Aipstasia*

Currently considered valid: Yes

Aiptasiogeton Schmidt, 1972

Type species: *Paractis comata* Andres, 1881, by monotypy.

Nomenclature notes: Authorship is in agreement with Edwards and Tobias (1993).

Currently considered valid: Yes

Aiptasioides Stephenson, 1918a

Type species: *Aiptasioides prima* Stephenson, 1918a, by original designation.

Nomenclature notes: Authorship is in agreement with Neave (1939a).

Currently considered valid: No

Aiptasiomorpha Stephenson, 1920

Type species: *Aiptasia minima* Stephenson, 1918a, by subsequent designation.

Nomenclature notes: Type species was designated by Carlgren (1949). Authorship is in agreement with Neave (1939) and with Carlgren (1949).

Spelling errors or variants: *Aiptasiamorpha*, *Aiptasimorpha*

Currently considered valid: Yes

Alfredus Schmidt, 1979

Type species: *Edwardsia lucifuga* Fischer, 1888, by original designation.

Nomenclature notes: Authorship is in agreement with Edwards *et al.* (1996).

Currently considered valid: No

Alicia Johnson, 1861

Type species: *Alicia mirabilis* Johnson, 1861, by monotypy.

Nomenclature notes: Type species and authorship are in agreement with Carlgren (1949). In agreement with Neave (1939a), 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*, page 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 is in agreement with Neave (1939a).

Currently considered valid: Yes

Allantactis Danielssen, 1890

Type species: *Allantactis parasitica* Danielssen, 1890, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939a) and with Carlgren (1949).

Spelling errors or variants: *Altantactis*

Currently considered valid: Yes

Alloactis Verrill, 1899c

Type species: *Paractis excavata* Hertwig, 1882, by original designation.

Nomenclature notes: Authorship is in agreement with Neave (1939a).

Currently considered valid: No

Ammodiscus Carpenter and Jeffreys, 1871

Type species: *Ammodiscus Lindahli* Carpenter and Jeffreys, 1871, by monotypy.

Nomenclature notes: 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 is in agreement with Neave (1939a). Actinarian genus is not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Vevers 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line). Fowler (1894) created the replacement name (ICZN Article 60.2) *Octineon*, attributing it to Moseley.

Currently considered valid: No

Ammonactis Verrill, 1865

Type species: *Edwardsia rubricollum* Stimpson, 1856a, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939a).

Currently considered valid: No

Ammophilactis Verrill, 1899c

Type species: *Actinia rapiformis* Le Sueur, 1817, by original designation.

Nomenclature notes: Authorship is in agreement with Neave (1939a).

Currently considered valid: No

Amphiactis Verrill, 1869b

Type species: *Amphiactis orientalis* Verrill, 1869b, by monotypy.

Nomenclature notes: In agreement with Neave (1939a), 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 is in agreement with Neave (1939a).

Currently considered valid: Yes

Amphianthus Hertwig, 1882

Type species: *Amphianthus bathybiium* Hertwig, 1882, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1939a) and with Carlgren (1949).

Spelling errors or variants: *Amphiantus*

Currently considered valid: Yes

Andresia Stephenson, 1921

Type species: *Ilyanthus partenopeus* Andres, 1883, by monotypy.

Nomenclature notes: Authorship is in agreement with Carlgren (1949). 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 Geschiebekunde 1(7):424–425. Actiniarian genus not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Ververs 1975; Edwards & Tobias 1993; Edwards *et al.*; volume 10 on line). Authorship of polychaete is in agreement with Neave (1939a), and of ostracode with NZ 10 (on line).

Currently considered valid: Yes

Andvakia Danielssen, 1890

Type species: *Andvakia mirabilis* Danielssen, 1890, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949), who spelled the genus *Andwakia*, which is an incorrect subsequent spelling (ICZN Article 33c). Authorship is in agreement with Neave (1939a) and with Carlgren (1949).

Spelling errors or variants: *Andwakia*

Currently considered valid: Yes

Anemonactis Andres, 1881

Type species: *Anemonactis magnifica* Andres, 1881, by monotypy.

Nomenclature notes: Type species is not in agreement with Carlgren (1949), who erroneously gave 1880 as the date of publication; not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Ververs 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line).

Currently considered valid: Yes

Anemonia Risso, 1826

Type species: *Actinia sulcata* Pennant, 1777, by subsequent designation.

Nomenclature notes: Type species was designated by Carlgren (1949), who erroneously gave 1766 as the date of publication. Authorship is in agreement with Neave (1939a) and with Carlgren (1949).

Spelling errors or variants: *Anenomia*

Currently considered valid: Yes

Anthea Johnston, 1838

Type species: *None*

Nomenclature notes: No type species has been designated for this genus; two species were included in it originally. According to Eschmeyer, W., 1998, Catalog of Fishes, vol. 3 fish genus *Anthea* of Catesby, 1771, is not available: 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. Neave (1939a) erroneously gave the date of Catesby as 1777. Authorship of the actinarian genus is in agreement with Neave (1939a).

Currently considered valid: No

Antheomorphe Hertwig, 1882

Type species: *Antheomorphe elegans* Hertwig, 1882, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939a).

Currently considered valid: Yes

Antheopsis Simon, 1892

Type species: *Bunodes koseirensis* Klunzinger, 1877, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939a).

Currently considered valid: Yes

Antholoba Hertwig, 1882

Type species: *Actinia reticulata* Couthouy in Dana, 1846, by monotypy.

Nomenclature notes: Type species is not in agreement with Carlgren (1949). Authorship is in agreement with Neave (1939a) and with Carlgren (1949).

Currently considered valid: Yes

Anthopleura Duchassaing de Fombressin and Michelotti, 1860

Type species: *Anthopleura krebsi* Duchassaing de Fombressin and Michelotti, 1860, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1939a) and with Carlgren (1949).

Spelling errors or variants: *Anthpleura*

Currently considered valid: Yes

Anthosactis Danielssen, 1890

Type species: *Anthosactis Jan Mayeni* Danielssen, 1890, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1939a) and with Carlgren (1949).

Spelling errors or variants: *Antosactis*

Currently considered valid: Yes

Anthostella Carlgren, 1938

Type species: *Anthostella stephensoni* Carlgren, 1938, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1950) and with Carlgren (1949).

Currently considered valid: Yes

Anthothoe Carlgren, 1938

Type species: *Cereus Stimpsonii* Verrill, 1869b, by replacement.

Nomenclature notes: Replacement name (ICZN Article 60.2) for the junior homonym *Parathoe*. Type species is in agreement with Carlgren (1949), who erroneously gave 1868 as the date of publication. Authorship is in agreement with Neave (1950) and with Carlgren (1949).

Spelling errors or variants: *Anthothoë*

Currently considered valid: Yes

Antiparactis Verrill, 1899c

Type species: *Actinia lineolata* Couthouy in Dana, 1846, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939a) and with Carlgren (1949).
Currently considered valid: Yes

Archactis Verrill, 1899c

Type species: *Urticina perdis* Verrill, 1882, by original designation.

Nomenclature notes: Described as a subgenus. Authorship is in agreement with Neave (1939a).

Currently considered valid: No

Artemidactis Stephenson, 1918a

Type species: *Artemidactis victrix* Stephenson, 1918a, by original designation.

Nomenclature notes: Authorship is in agreement with Neave (1939a) and with Carlgren (1949).

Currently considered valid: Yes

Asteractis Verrill, 1869a

Type species: *Asteractis Bradleyi* Verrill, 1869a, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939a).

Currently considered valid: No

Aulactinia Agassiz in Verrill, 1864a

Type species: *Aulactinia capitata* Agassiz in Verrill, 1864a, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939a).

Currently considered valid: Yes

Aulorchis Hertwig, 1888

Type species: *Aulorchis paradoxa* Hertwig, 1888, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939a).

Currently considered valid: No

Aureliania Gosse, 1860

Type species: *Corynactis heterocera* Thompson, 1853, by subsequent designation.

Nomenclature notes: Type species was designated by Carlgren (1949). Authorship is in agreement with Neave (1939a) and with Carlgren (1949), who erroneously spelled the genus *Aureliana*.

Spelling errors or variants: *Aureliana*

Currently considered valid: No

Austroneophellia Zamponi, 1978a

Type species: *Austroneophellia luciae* Zamponi, 1978a, by original designation.

Nomenclature notes: Authorship is in agreement with Edwards *et al.* (1996).

Currently considered valid: Yes

Bartholomea Duchassaing de Fombressin and Michelotti, 1864

Type species: *Actinia annulata* Le Sueur, 1817, by subsequent designation.

Nomenclature notes: Type species was designated by Stephenson (1920) and is in agreement with Carlgren (1949).

Authorship is in agreement with Neave (1939a); Carlgren erroneously gave 1866 as the date of publication.

Currently considered valid: Yes

Bathydactylus Carlgren, 1928a

Type species: *Bathydactylus valdiviae* Carlgren, 1928a, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939a) and with Carlgren (1949).

Currently considered valid: Yes

Bathyphellia Carlgren, 1932

Type species: *Phellia margaritacea* Danielssen, 1890, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940b) and with Carlgren (1949).
Currently considered valid: Yes

Bellactis Dube, 1983

Type species: *Bellactis ilkalyseae* Dube, 1983, by original designation.

Nomenclature notes: Not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Vevers 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line).

Currently considered valid: Yes

Bicidiopsis Verrill, 1922

Type species: *None*

Nomenclature notes: No type species has been designated for this genus; two species were included in it originally. Authorship is in agreement with Neave (1939a).

Currently considered valid: No

Bicidium Agassiz, 1859

Type species: *Bicidium parasiticum* Agassiz, 1859, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939a).

Currently considered valid: Yes

Bolocera Gosse, 1860

Type species: *Actinia Tuèdiæ* Johnston, 1832, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). In agreement with Neave (1939a), senior homonym of lepidopteran genus *Bolocera* of Kirby, W. F., 1892, A Synonymic Catalogue of Lepidoptera Heterocera. (Moths.), page 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 is in agreement with Neave (1939a) and with Carlgren (1949).

Spelling errors or variants: *Bulocera*

Currently considered valid: Yes

Boloceractis Panikkar, 1937

Type species: *Boloceractis gopalai* Panikkar, 1937, by original designation.

Nomenclature notes: Authorship is in agreement with Neave (1950) and with Carlgren (1949).

Currently considered valid: Yes

Boloceroides Carlgren, 1899a

Type species: *Bolocera mc murrichi* Kwietniewski, 1898, by original designation.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1939a) and with Carlgren (1949).

Currently considered valid: Yes

Boloceropsis McMurrich, 1904

Type species: *Boloceropsis platei* McMurrich, 1904, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939a) and with Carlgren (1949).

Currently considered valid: Yes

Botryon Carlgren and Hedgpeth, 1952

Type species: *Botryon tuberculatus* Carlgren and Hedgpeth, 1952, by monotypy.

Nomenclature notes: Authorship is in agreement with Edwards and Hopwood (1966).

Currently considered valid: Yes

Bunodactis Verrill, 1899a

Type species: *Actinia verrucosa* Pennant, 1777, by original designation.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1939a)

and with Carlgren (1949).

Spelling errors or variants: *Bonodactis*

Currently considered valid: Yes

Bunodella Pfeffer, 1889

Type species: *Bunodella georgiana* Pfeffer, 1889, by monotypy.

Nomenclature notes: In agreement with Neave (1939a), junior 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. In agreement with Neave (1939a), senior homonym of actiniarian genus *Bunodella* Verrill, 1899a. Authorship of the actiniarian genera is in agreement with Neave (1939a); Neave erroneously gave 1888 for the Matthew genus.

Currently considered valid: No

Bunodella Verrill, 1899a

Type species: *Aulactinia stelloides* McMurrich, 1889a, by original designation.

Nomenclature notes: In agreement with Neave (1939a), 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. Authorship of the actiniarian genera is in agreement with Neave (1939a); Neave erroneously gave 1888 for the Matthew genus.

Currently considered valid: No

Bunodeopsis Andres, 1881

Type species: *Bunodeopsis strumosa* Andres, 1881, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949), who erroneously gave 1880 as the date of publication. Authorship is in agreement with Neave (1939a) but not with Carlgren (1949), who erroneously gave 1880 as the date of publication.

Currently considered valid: Yes

Bunodes Gosse, 1855

Type species: *Actinia gemmacea* Ellis and Solander, 1786, by subsequent designation.

Nomenclature notes: Type species was designated by Haddon (1889). In agreement with Neave (1939a), 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 is agreement with Neave (1939a).

Currently considered valid: Yes

Bunodosoma Verrill, 1899a

Type species: *Actinia granulifera* Le Sueur, 1817, by original designation.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1939a) and with Carlgren (1949).

Spelling errors or variants: *Bunodosma*

Currently considered valid: Yes

Cactosoma Danielssen, 1890

Type species: *Cactosoma abyssorum* Danielssen, 1890, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1939a) and with Carlgren (1949).

Spelling errors or variants: *Castosoma*

Currently considered valid: Yes

Calamactinia Carlgren, 1949

Type species: *Calamactinia gouhiensis* Carlgren, 1949, by monotypy.

Nomenclature notes: Authorship is in agreement with Edwards and Hopwood (1966). Interpreted as available under

ICZN Article 13(c) by Fautin (1998).

Currently considered valid: Yes

Calamactis Carlgren, 1951

Type species: *Calamactis praelongus* Carlgren, 1951, by monotypy.

Nomenclature notes: Edwards and Hopwood (1966) stated the genus was described by Carlgren in 1949. The name *Calamactis* as published by Carlgren in 1949, is a *nomen nudum*: it is unavailable under ICZN Article 13.3.1 because the single included species, *Calamactis praelongus*, is a *nomen nudum*, being unavailable under ICZN Article 13.1.1.

Currently considered valid: Yes

Calliactis Verrill, 1869a

Type species: *Actinia decorata* Couthouy in Dana, 1846, by original designation.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1939a) and with Carlgren (1949).

Spelling errors or variants: *Calliactus*

Currently considered valid: Yes

Cancrisocia Stimpson, 1856a

Type species: *Cancrisocia expansa* Stimpson, 1856a, by monotypy.

Nomenclature notes: Neave (1939a) erroneously gave 1855 as the date of publication.

Currently considered valid: No

Capnea Forbes, 1841

Type species: *Capnea sanguinea* Forbes, 1841, by monotypy.

Nomenclature notes: Neave (1939b) stated the genus should be spelled *Kapnea*. Acting as First Reviser (ICZN Article 24.2.1), Dunn (1983) chose to follow majority usage in spelling the genus *Capnea*.

Spelling errors or variants: *Kapnea*

Currently considered valid: Yes

Capneopsis Duchassaing de Fombressin and Michelotti, 1864

Type species: *Capneopsis Solidago* Duchassaing de Fombressin and Michelotti, 1864, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939a).

Currently considered valid: No

Carcinactis Uchida, 1960

Type species: *Carcinactis ichikawai* Uchida, 1960, by original designation.

Nomenclature notes: Authorship is in agreement with Edwards and Ververs (1975).

Currently considered valid: Yes

Carlgenia Stephenson, 1918b

Type species: *Carlgenia desiderata* Stephenson, 1918b, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939a) and with Carlgren (1949).

Currently considered valid: Yes

Carlgeniella Watzl, 1922

Type species: *Carlgeniella robusta* Watzl, 1922, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939a).

Currently considered valid: No

Catadiomene Stephenson, 1920

Type species: *None*

Nomenclature notes: No type species has been designated for this genus; three species were included in it originally. Authorship is in agreement with Neave (1939a).

Currently considered valid: No

Cataphellia Stephenson, 1929

Type species: *Phellia Brodricii* Gosse, 1859, by original designation.

Nomenclature notes: Authorship is in agreement with Neave (1939a) and with Carlgren (1949).

Currently considered valid: Yes

Ceratactis Milne Edwards, 1857

Type species: *None*

Nomenclature notes: No type species has been designated for this genus; two species were included in it originally.

Authorship is in agreement with Neave (1939a).

Currently considered valid: No

Cereactis Andres, 1881

Type species: *Actinia aurantiaca* Delle Chiaje, 1825, by monotypy.

Nomenclature notes: Not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Vevers 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line).

Currently considered valid: No

Charisea Torrey, 1902

Type species: *Charisea saxicola* Torrey, 1902, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939) and with Carlgren (1949).

Currently considered valid: Yes

Charisella Carlgren, 1950a

Type species: *Charisella elongata* Carlgren, 1950a, by original designation.

Nomenclature notes: In agreement with Neave (1950) and Edwards and Hopwood (1966), 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. Edwards and Hopwood (1966) stated the genus was described by Carlgren in 1949. The name *Charisella* as published by Carlgren in 1949 is a *nomen nudum*: it is unavailable under ICZN Article 13.3.1 because the originally designated type species, *Charisella elongata*, is a *nomen nudum*, being unavailable under ICZN Article 13.1.1.

Currently considered valid: Yes

Chermadion Pax, 1924

Type species: *Chermadion chinense* Pax, 1924, by monotypy.

Nomenclature notes: Not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Vevers 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line).

Currently considered valid: No

Chitonactis Fischer, 1874

Type species: *Bunodes coronata* Gosse, 1858a, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939a).

Spelling errors or variants: *Chitonactes*

Currently considered valid: No

Chitonanthus McMurrich, 1893

Type species: *Phellia pectinata* Hertwig, 1882, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939a).

Currently considered valid: Yes

Chondractinia Lütken, 1861

Type species: *Actinia digitata* Müller, 1776, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939a).

Spelling errors or variants: *Chondrachtinia*

Currently considered valid: No

Chondranthus Migot and Portmann, 1926

Type species: *Chondranthus denudatum* Migot and Portmann, 1926, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939a).

Currently considered valid: Yes

Chondrodactis Wassilieff, 1908

Type species: *None*

Nomenclature notes: No type species has been designated for this genus; three species were included in it originally.

Authorship is in agreement with Neave (1939a).

Currently considered valid: No

Chondrophellia Carlgren, 1925a

Type species: *Actinauge nodosa* Verrill, 1883, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1939a) and with Carlgren (1949).

Spelling errors or variants: *Chondrophella*

Currently considered valid: Yes

Choriactis McMurrich, 1904

Type species: *Actinia impatiens* Couthouy in Dana, 1846, by subsequent designation.

Nomenclature notes: Type species was designated by Stephenson (1920), in agreement with Carlgren (1949). Neave (1939a) gave 1905 for the genus; there is evidence that publication was in 1904, which is the date given by Carlgren (1949).

Currently considered valid: Yes

Chrysoela Stephenson, 1935

Type species: *Actinia chrysoeplenum* W.P. Cocks in Johnston, 1847, by monotypy.

Nomenclature notes: Not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Vevers 1975; Edwards & Tobias 1993; Edwards et al. 1996; volume 10 on line).

Currently considered valid: Yes

Cladactella Verrill, 1928

Type species: *Bunodactis Manni* Verrill, 1899c, by subsequent designation.

Nomenclature notes: Type species was designated by Carlgren (1949). Authorship is in agreement with Neave (1939a) and with Carlgren (1949).

Currently considered valid: Yes

Cladactis Panceri, 1868

Type species: *Cladactis costa* Panceri, 1868, by monotypy.

Nomenclature notes: In agreement with Neave (1939a), junior homonym of echinoderm genus *Cladactis* of Rafinesque, C. S., 1815, *Analyse de la Nature*, 153. In agreement with Neave (1939a), senior homonym of actiniarian genus *Cladactis* of Verrill, 1869a. Authorship of the echinoderm genus and of Verrill's genus are in agreement with Neave (1939a), but Neave erroneously gave the date of the genus described by Panceri as 1869.

Currently considered valid: No

Cladactis Verrill, 1869a

Type species: *Cladactis grandis* Verrill, 1869a, by monotypy.

Nomenclature notes: In agreement with Neave (1939a), junior homonym of [1] echinoderm genus *Cladactis* of Rafinesque, C. S., 1815, *Analyse de la Nature*, page 153; and [2] actiniarian genus *Cladactis* of Panceri, 1868. Verrill (1899a) created the replacement name (ICZN Article 60.2) *Eucladactis* for this genus. Authorship of echinoderm genus and of Verrill's genus are in agreement with Neave (1939a), but Neave erroneously gave the date of the genus described by Panceri as 1869.

Currently considered valid: No

Cnidanthea Carlgren, 1959

Type species: *Cnidanthea maculata* Carlgren, 1959, by monotypy.

Nomenclature notes: Authorship is in agreement with Edwards and Vevers (1975).

Currently considered valid: Yes

Cnidanthus Carlgren, 1927

Type species: *Paractis polaris* Clubb, 1908, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939a) and with Carlgren (1949).

Currently considered valid: Yes

Cnidopus Carlgren, 1934b

Type species: *Epiactis ritteri* Torrey, 1902, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939a) and with Carlgren (1949).

Currently considered valid: Yes

Comactis Milne Edwards, 1857

Type species: *None*

Nomenclature notes: No type species has been designated for this genus; two species were included in it originally.

Authorship is in agreement with Neave (1939a).

Currently considered valid: No

Condylactis Duchassaing de Fombressin and Michelotti, 1864

Type species: *Condylactis passiflora* Duchassaing de Fombressin and Michelotti, 1864, by monotypy.

Nomenclature notes: Type species is not in agreement with Carlgren (1949). Authorship is in agreement with Neave (1939a) but not with Carlgren (1949), who erroneously gave 1866 as the date of publication.

Spelling errors or variants: *Codylactis*

Currently considered valid: Yes

Condylanthus Carlgren, 1899b

Type species: *Condylanthus magellanicus* Carlgren, 1899b, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Neave (1939a) gave the date as 1898; there is evidence that publication was in 1899, the date given by Carlgren (1949).

Currently considered valid: Yes

Cradactis McMurrich, 1893

Type species: *Cradactis digitata* McMurrich, 1893, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939a).

Currently considered valid: No

Crambactis Haeckel, 1876

Type species: *Crambactis arabica* Haeckel, 1876, by monotypy.

Nomenclature notes: Neave (1939a) gave 1875 for the genus but 1876 for the publication.

Spelling errors or variants: *Crambractis*

Currently considered valid: No

Cribrina Hemprich and Ehrenberg in Ehrenberg, 1834

Type species: *Priapus polypus* Forsskål, 1775, by subsequent designation.

Nomenclature notes: Type species was designated by Haddon (1889). Authorship is in agreement with Neave (1939a).

Spelling errors or variants: *Cribina*

Currently considered valid: Yes

Cribrinopsis Carlgren, 1921

Type species: *Cribrinopsis similis* Carlgren, 1921, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Neave (1939a) erroneously gave the date as

1922; Carlgren (1949) gave the date as 1921.

Currently considered valid: Yes

Cricophorus Carlgren, 1924a

Type species: *Sagartia nutrix* Stuckey, 1909, by monotypy.

Nomenclature notes: In agreement with Neave (1939a), junior homonym of gastropod genus *Cricophorus* Kobelt, W. and O. Moellendorff, 1897, *Catalog der gegenwärtig lebend bekannten Pneumonopomen*. *Nachrichtenblatt der Deutschen Malakozoologischen Gesellschaft*, 29:111. Authorship of the actinarian genus is in agreement with Carlgren (1949); that of both genera is in agreement with Neave (1939a).

Currently considered valid: Yes

Cryptodendrum Klunzinger, 1877

Type species: *Cryptodendrum adhäsivum* Klunzinger, 1877, by monotypy.

Nomenclature notes: Type species is in agreement with Dunn (1981). Authorship is in agreement with Neave (1939a) and with Carlgren (1949).

Spelling errors or variants: *Criptodendrum*, *Cryptodendron*

Currently considered valid: Yes

Cyananthea Doumenc and Van-Praët, 1988

Type species: *Cyananthea hydrothermala* Doumenc and Van-Praët, 1988, by monotypy.

Nomenclature notes: Not listed in NZ (Edwards *et al.* 1996; volume 10 on line).

Spelling errors or variants: *Cyanthea*, *Cyanththea*

Currently considered valid: Yes

Cylista Wright, 1859

Type species: *None*

Nomenclature notes: No type species has been designated for this genus; three species were included in it originally. Neave (1939a) erroneously stated the genus was described by Gosse in 1860.

Currently considered valid: No

Cymbactis McMurrich, 1893

Type species: *Cymbactis faeculenta* McMurrich, 1893, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939a).

Currently considered valid: No

Cyrtactis Thompson, 1858

Type species: *None*

Nomenclature notes: Authorship is in agreement with Neave (1939a). Genus name is a *nomen dubium* because the type species *Actinia clavata* is ambiguous: it was described twice, as *A. clavata* Ilmoni, 1830 and *A. clavata* Rathke, 1843.

Currently considered valid: No

Cystiactis Milne Edwards, 1857

Type species: *None*

Nomenclature notes: No type species has been designated for this genus; three species were included in it originally. Authorship is in agreement with Neave (1939a).

Currently considered valid: Yes

Dactylanthus Carlgren, 1911

Type species: *Cystiactis antarctica* Clubb, 1908, by original designation.

Nomenclature notes: According to Neave (1939b), 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 the actinarian genus is in agreement with Neave (1939b) and with Carlgren (1949).

Currently considered valid: Yes

Dactylominyas Andres, 1883

Type species: None

Nomenclature notes: No type species has been designated for this genus; three species were included in it originally.

Authorship is in agreement with Neave (1939b).

Spelling errors or variants: *dactylominyas*

Currently considered valid: No

Daontesia Carlgren, 1942

Type species: *Sagartiogeton praelongus* Carlgren, 1928b, by monotypy.

Nomenclature notes: Authorship is in agreement with Edwards and Hopwood (1966) and with Carlgren (1949).

Currently considered valid: Yes

DecapHELLIA Bourne, 1918

Type species: *DecapHELLIA psammomitra* Bourne, 1918, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939b) and with Carlgren (1949).

Currently considered valid: Yes

Dendractis Andres, 1883

Type species: *Actinia Priapus* Tilesius, 1809, by monotypy.

Nomenclature notes: Not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Vevers 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line).

Currently considered valid: No

Diactis Hutton, 1879

Type species: *Diactis crocata* Hutton, 1879, by monotypy.

Nomenclature notes: Not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Vevers 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line). 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 is in agreement with Edwards and Tobias (1993).

Currently considered valid: No

Diadumene Stephenson, 1920

Type species: *Sagartia Schilleriana* Stoliczka, 1869, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1939b) and with Carlgren (1949).

Spelling errors or variants: *Diadumine*, *diadumene*

Currently considered valid: Yes

Dimyactis Pax, 1922

Type species: *Dimyactis duplicata* Pax, 1922, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939b).

Currently considered valid: No

Diphthera Sluiter, 1888

Type species: *Diphthera oktoplax* Sluiter, 1888, by monotypy.

Nomenclature notes: According to Neave (1939b), junior homonym of lepidopteran *Diphthera* of Ochsenheimer, 1816 [not seen; given as “Schmett. Europa, 4, 63”]. Actiniarian genus not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Vevers 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line).

Currently considered valid: No

Diplactis McMurrich, 1889b

Type species: *None*

Nomenclature notes: No type species has been designated for this genus; two species were included in it originally.

Scleractinian genus *Diplactis* of Munier-Chalmas in Bernard, F., 1895, *Élèments de Plalèntologie*, page 176, is a *nomen nudum*: it is unavailable because it was not accompanied by a description or a definition of the taxon that it denoted (ICZN Article 12.1). Authorship of both genera is in agreement with Neave (1939b).

Currently considered valid: No

Dofleinia Wassilieff, 1908

Type species: *Dofleinia armata* Wassilieff, 1908, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). In agreement with NZ 10 (on line), actiniarian is senior homonym of crustacean genus *Dofleinia* of McLaughlin, P. A. and A. Asakura, 2004, *Reevaluation of the hermit crab genus Parapagurodes* McLaughlin and 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 the actiniarian genus is in agreement with Neave (1939b) and with Carlgren (1949).

Spelling errors or variants: *Doflenia*

Currently considered valid: Yes

Drillactis Verrill, 1922

Type species: *Edwardsia pallida* Verrill, 1880, by original designation.

Nomenclature notes: Not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Vevers 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line). Authorship is in agreement with Carlgren (1949).

Currently considered valid: Yes

Dysactis Milne Edwards, 1857

Type species: *None*

Nomenclature notes: No type species has been designated for this genus; four species were included in it originally. Authorship is in agreement with Neave (1939b).

Spelling errors or variants: *Disactis*

Currently considered valid: No

Echinactis Milne Edwards and Haime, 1851

Type species: *Sarcophinanthus papillosus* Lesson, 1830, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939b).

Currently considered valid: Yes

Ectacmaea Ehrenberg, 1834

Type species: *None*

Nomenclature notes: Described as a subgenus. No type species has been designated for this genus; two species were included in it originally. Authorship is in agreement with Neave (1939b).

Currently considered valid: No

Edwardsia de Quatrefages, 1842

Type species: *Edwardsia Beautempsii* de Quatrefages, 1842, by subsequent designation.

Nomenclature notes: Type species was designated by Carlgren (1949), in agreement with Williams (1981). Crustacean genus *Edwardsia* of Costa, O.-G., 1834 (*Cenni Zoologici Ossia Descrizione Sommaria delle Specie Nuove di Animali*: 62–63) was 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 (1939b), 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 Zygaenidæ*. *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-actiniarian genera is in agreement with Neave (1939b), who gave 1841 as the date of de Quatrefages, but there is evidence it was published in 1842, as given by Carlgren (1949).

Spelling errors or variants: *Edwardsa*, *Edwarsia*

Currently considered valid: Yes

Edwardsianthus England, 1987

Type species: *Edwardsia pudica* Klunzinger, 1877, by original designation.

Nomenclature notes: Not listed in NZ (Edwards *et al.* 1996; volume 10 on line).

Currently considered valid: Yes

Edwardsiella Andres, 1883

Type species: *Edwardsia carnea* Gosse, 1856, by subsequent designation.

Nomenclature notes: Type species was designated by Manuel (1981). In agreement with Edwards and Hopwood (1966), Edwards and Vevers (1975), and NZ 10 (on line), senior homonym of [1] scleractinian genus *Edwardsiella* Rukhin, 1937 [not seen; given by Edwards and Vevers, 1975, as “Upper Silurian Tabulata of the Turkestan mountain range Khan-Tengri: 1–99”] for which the replacement name *Cylindrostylus* was created by Sokolov, 1955 [not seen; give by Edwards and Hopwood, 1966, as “Trud. vses. nef. nauch-issled. Geol. Raz. Inst., N.S. 85, 225”]; and [2] dinoflagellate genus (described under the zoological code) *Edwardsiella* Versteegh, J. M. and D. Zevenboom, 1995, Review of Palaeobotany and Palynology 85:217–220. Authorship of the actiniarian genus is in agreement with Neave (1939b); authorship of scleractinian is in agreement with Edwards and Vevers (1975).

Currently considered valid: Yes

Edwardsioides Danielssen, 1890

Type species: *Edwardsioides vitrea* Danielssen, 1890, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939b).

Currently considered valid: No

Eloactis Andres, 1883

Type species: *Ilyanthus mazeli* Jourdan, 1880, by subsequent designation.

Nomenclature notes: Type species was designated by Haddon (1898). Authorship is in agreement with Neave (1939b).

Currently considered valid: Yes

Eltaninactis Dunn, 1983

Type species: *Eltaninactis infundibulum* Dunn, 1983, by original designation.

Nomenclature notes: Authorship is in agreement with Edwards *et al.* (1996).

Currently considered valid: Yes

Endocoelactis Carlgren, 1897

Type species: *None*

Nomenclature notes: This is a *nomen nudum* because a species was not assigned to this genus (ICZN Article 12.2.5). The species that was being discussed, without a name, by Carlgren (1897) was named by McMurrich (1901) *Halcurias Carlgreni*.

Currently considered valid: No

Entacmaea Ehrenberg, 1834

Type species: *Actinia quadricolor* Leuckart in Rüppell and Leuckart, 1828, by subsequent designation.

Nomenclature notes: Type species was designated by Dunn (1981). Authorship is in agreement with Neave (1939b).

Spelling errors or variants: *Entacmea*, *Entacmaea*, *entacmaea*

Currently considered valid: Yes

Epiactis Verrill, 1869a

Type species: *Epiactis prolifera* Verrill, 1869a, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1939b) and with Carlgren (1949).

Currently considered valid: Yes

Epicladia Hemprich and Ehrenberg in Ehrenberg, 1834

Type species: *Epicladia quadrangula* Hemprich and Ehrenberg in Ehrenberg, 1834, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939b).

Currently considered valid: No

Epicystis Ehrenberg, 1834

Type species: *Actinia crucifera* Le Sueur, 1817, by subsequent designation.

Nomenclature notes: Type species was designated by Verrill (1898). Authorship is in agreement with Neave (1939b).

Currently considered valid: Yes

Epigonactis Verrill, 1899d

Type species: *None*

Nomenclature notes: No type species has been designated for this genus; two species were included in it originally.

Authorship is in agreement with Neave (1939b).

Currently considered valid: No

Epiparactis Carlgren, 1921

Type species: *Epiparactis dubia* Carlgren, 1921, by monotypy.

Nomenclature notes: Authorship is in agreement with Carlgren (1949); Neave (1939b) erroneously gave 1922 as the date.

Currently considered valid: Yes

Epiphellia Carlgren, 1950a

Type species: *Epiphellia aneae* Carlgren, 1950a, by original designation.

Nomenclature notes: Edwards and Hopwood (1966) stated the genus was described by Carlgren in 1949. The name *Epiphellia* as published by Carlgren in 1949 is a *nomen nudum*: it is unavailable under ICZN Article 13.3.1 because the originally designated type species, *Epiphellia aneae*, was a *nomen nudum*, having been unavailable under ICZN Article 13.1.1.

Currently considered valid: Yes

Eubolocera Verrill, 1922

Type species: *Bolocera multicornis* Verrill, 1880, by original designation.

Nomenclature notes: Authorship is in agreement with Neave (1939b).

Currently considered valid: No

Eucladactis Verrill, 1899a

Type species: *Cladactis grandis* Verrill, 1869a, by replacement.

Nomenclature notes: Replacement name (ICZN Article 60.2) for the junior homonym *Cladactis* Verrill, 1869a. Authorship is in agreement with Neave (1939b).

Currently considered valid: No

Eumenides Lesson, 1830

Type species: *Eumenides ophiseocoma* Lesson, 1830, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939b).

Currently considered valid: No

Euphelia Pax, 1908

Type species: *Euphelia cinclidifera* Pax, 1908, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939b) and with Carlgren (1949).

Currently considered valid: Yes

Evactis Verrill, 1869a

Type species: *Actinia artemisia* Pickering in Dana, 1846, by original designation.

Nomenclature notes: Authorship is in agreement with Neave (1939b) and with Carlgren (1949).

Currently considered valid: No

Exocoelactis Carlgren, 1925b

Type species: *Polysiphonia tuberosa* Hertwig, 1882, by subsequent designation.

Nomenclature notes: Type species was designated by Carlgren (1949). Authorship is in agreement with Neave (1940b) and with Carlgren (1949).

Currently considered valid: Yes

Fagesia Delphy, 1938

Type species: *Milne-edwardsia Lovéni* Carlgren, 1893, by original designation.

Nomenclature notes: Type species is in agreement with Carlgren (1949), who erroneously gave 1892 as the date of publication. Junior homonym of cephalopod genus *Fagesia* of Pervinquière, L., 1907, *Études de Paléontologie Tunisienne. I. Céphalopodes des Terrains Secondaires*, pages 319–322. Authorship of cephalopod genus is in agreement with Neave (1939b); actiniarian genus not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Vevers 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line).

Spelling errors or variants: *Favesia*

Currently considered valid: No

Farsonia Stephenson, 1925

Type species: *Diadumene cincta* Stephenson, 1925, by monotypy.

Nomenclature notes: Not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Vevers 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line).

Currently considered valid: No

Fenja Danielssen, 1887

Type species: *Fenja mirabilis* Danielssen, 1887, by monotypy.

Nomenclature notes: Neave (1939b) erroneously gave 1888 as the date of publication.

Currently considered valid: No

Flosmaris Stephenson, 1920

Type species: *Flosmaris phellioides* Stephenson, 1920, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939b) and with Carlgren (1949).

Currently considered valid: Yes

Galatheanthemum Carlgren, 1956

Type species: *Galatheanthemum profundale* Carlgren, 1956, by original designation.

Nomenclature notes: Authorship is in agreement with Edwards and Vevers (1975).

Currently considered valid: Yes

Gephyra Koch, 1878

Type species: *Gephyra Dohrnii* Koch, 1878, by monotypy.

Nomenclature notes: In agreement with Neave (1939b), junior homonym of [1] lepidopteran genus *Gephyra* of Walker, F., 1859, *List of the Specimens of Lepidopterous Insects in the Collection [sic] of the British Museum*, pages 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 NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Vevers 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line). Authorship of lepidopteran genus is in agreement with Neave (1939b); Neave erroneously gave 1873 for the arachnid genus.

Currently considered valid: No

Gephyropsis Carlgren, 1925a

Type species: *Gephyra Dohrnii* Koch, 1878, by original designation.

Nomenclature notes: Authorship is in agreement with Neave (1939b).

Currently considered valid: No

Glandulactis Riemann-Zürneck, 1978

Type species: *Actinostola spetsbergensis* Carlgren, 1893, by original designation.

Nomenclature notes: Authorship is in agreement with Edwards *et al.* (1996).

Currently considered valid: No

Gliactis Gravier, 1918

Type species: *Gliactis crassa* Gravier, 1918, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939b).

Spelling errors or variants: *Gliatactis*

Currently considered valid: Yes

Glyphoperidium Roule, 1909

Type species: *Glyphoperidium bursa* Roule, 1909, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939b) and with Carlgren (1949).

Currently considered valid: Yes

Glyphostylum Roule, 1909

Type species: *Glyphostylum calyx* Roule, 1909, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939b) and with Carlgren (1949).

Currently considered valid: No

Gonactinia Sars, 1851

Type species: *Actinia prolifera* Sars, 1835, by monotypy.

Nomenclature notes: Neave (1939b) erroneously gave 1850 as the date of publication; Carlgren (1949) gave it correctly.

Spelling errors or variants: *Gonactinea*

Currently considered valid: Yes

Gregoria Gosse, 1860

Type species: *Gregoria fenestrata* Gosse, 1860, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939b).

Currently considered valid: Yes

Gymnophellia England, 1992

Type species: *Gymnophellia hutchingsae* England, 1992, by original designation.

Nomenclature notes: Authorship is in agreement with Edwards *et al.* (1996).

Currently considered valid: Yes

Gyractis Boveri, 1893

Type species: *Gyractis excavata* Boveri, 1893, designated here.

Nomenclature notes: Fautin (2005) discussed taxonomic and nomenclatural issues concerning the genus and two species described by Boveri in 1893, noting that the species *Gyractis excavata* enjoys “position precedence” (ICZN Recommendation 69A.10); we hereby designate it the type species of *Gyractis*. Authorship is in agreement with Neave (1939b).

Currently considered valid: Yes

Gyrostoma Kwietniewski, 1897

Type species: *Gyrostoma Hertwigi* Kwietniewski, 1897, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). In agreement with Neave (1939b), junior homonym of [1] hymenopteran genus *Gyrostoma* of Kirby, W. and 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, page 103. Neave (1939b) 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, the name seems to have been applied to a species. Description of the actiniarian repeated (in nearly the same words) by Kwietniewski (1898). Authorship of all genera is in agreement with Neave (1939b); Carlgren (1949) erroneously gave 1898 as the date of the actiniar-

ian genus.

Spelling errors or variants: *Gysostoma*

Currently considered valid: Yes

Habrosanthus Cutress, 1961

Type species: *Habrosanthus bathamae* Cutress, 1961, by original designation.

Nomenclature notes: Authorship is in agreement with Edwards and Vevers (1975).

Currently considered valid: Yes

Hadalanthus Carlgren, 1956

Type species: *Hadalanthus knudseni* Carlgren, 1956, by monotypy.

Nomenclature notes: Authorship is in agreement with Edwards and Vevers (1975).

Currently considered valid: Yes

Halcampa Gosse, 1858b

Type species: *Actinia chrysanthellum* C. W. Peach in Johnston, 1847, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1939b) and with Carlgren (1949).

Spelling errors or variants: *Halocampa*

Currently considered valid: Yes

Halcampactis Farquhar, 1898

Type species: *Halcampactis mirabilis* Farquhar, 1898, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1939b) and with Carlgren (1949).

Spelling errors or variants: *Halcompactis*

Currently considered valid: Yes

Halcampaster Carlgren, 1938

Type species: *Halcampaster teres* Carlgren, 1938, by monotypy.

Nomenclature notes: Authorship is in agreement with Carlgren (1949) and with Neave (1950).

Currently considered valid: Yes

Halcampella Andres, 1883

Type species: *Halcampa endromitata* Andres, 1881, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949), who erroneously gave 1880 as the date of publication. Authorship is in agreement with Neave (1939b).

Currently considered valid: Yes

Halcampogeton Carlgren, 1937

Type species: *Halcampogeton papillosus* Carlgren, 1937, by original designation.

Nomenclature notes: Authorship is in agreement with Carlgren (1949) and with Neave (1950).

Currently considered valid: Yes

Halcampoides Danielssen, 1890

Type species: *Halcampoides abyssorum* Danielssen, 1890, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939b) and with Carlgren (1949).

Currently considered valid: Yes

Halcampomorpha Carlgren, 1893

Type species: *Actinia Clavus* Quoy and Gaimard, 1833, by original designation.

Nomenclature notes: Authorship is in agreement with Neave (1939b).

Spelling errors or variants: *Halcampomorpha*

Currently considered valid: No

Halcurias McMurrich, 1893

Type species: *Halcurias pilatus* McMurrich, 1893, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Neave (1939b) erroneously gave 1894 as the date of publication; Carlgren (1949) gave it correctly.

Currently considered valid: Yes

Haliactis Carlgren, 1921

Type species: *Haliactis arctica* Carlgren, 1921, by monotypy.

Nomenclature notes: Neave (1939b) erroneously gave 1922 as the date of publication; Carlgren (1949) gave it correctly.

Currently considered valid: Yes

Halianthella Kwietniewski, 1896b

Type species: *Edwardsia Kerguelensis* Studer, 1879, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949), who erroneously gave 1878 as the date of publication. Authorship is in agreement with Neave (1939b) and with Carlgren (1949).

Currently considered valid: Yes

Halianthus Kwietniewski, 1896b

Type species: *None*

Nomenclature notes: No type species has been designated for this genus; two species were included in it originally. Not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Vevers 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line).

Currently considered valid: No

Haliplanella Hand, 1956

Type species: *Sagartia Luciae* Verrill, 1898, by original designation.

Nomenclature notes: Authorship is in agreement with Edwards and Hopwood (1966). *Sagartia Luciae* is also type species of *Jancis* Stephenson, 1935.

Spelling errors or variants: *Haliphlanella*, *Haliplanela*

Currently considered valid: No

Haloclava Verrill, 1899a

Type species: *Actinia producta* Stimpson, 1856b, by original designation.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1939b) and with Carlgren (1949).

Currently considered valid: Yes

Harenactis Torrey, 1902

Type species: *Harenactis attenuata* Torrey, 1902, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939b) and with Carlgren (1949).

Currently considered valid: Yes

Helaria Stechow, 1921

Type species: *Actinia bellis* Wright, 1856, by replacement.

Nomenclature notes: Replacement name (ICZN Article 60.2) for the junior homonym *Heliactis*. Authorship is in agreement with Neave (1939b).

Currently considered valid: No

Heliactis Thompson, 1858

Type species: *Actinia bellis* Wright, 1856, by monotypy.

Nomenclature notes: According to Neave (1939b), junior homonym of bird genus *Heliactis* of Lesson, 1837 [not seen: "Compl. Buffon, 9, 154"]. Stechow (1921) created the replacement name (ICZN Article 60.2) *Helaria* for this genus.

Spelling errors or variants: *Helliactis*

Currently considered valid: Yes

Helianthopsis Kwietniewski, 1898

Type species: *Helianthopsis ritteri* Kwietniewski, 1898, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939b).

Currently considered valid: No

Heteractis Milne Edwards and Haime, 1851

Type species: *Actinia Aurora* Quoy and Gaimard, 1833, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949) and with Dunn (1981). In agreement with Neave (1939b), senior homonym of [1] bryozoan genus *Heteractis* of Gabb, W. M. and 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 is in agreement with Neave (1939); Carlgren (1949) erroneously gave 1857 as the date of the actiniarian genus.

Currently considered valid: Yes

Heteranthus Klunzinger, 1877

Type species: *Heteranthus verruculatus* Klunzinger, 1877, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949) and with den Hartog (1980). Authorship is in agreement with Neave (1939b) and with Carlgren (1949).

Currently considered valid: Yes

Heterodactyla Hemprich and Ehrenberg in Ehrenberg, 1834

Type species: *Heterodactyla Hemprichii* Ehrenberg, 1834, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1939b), but Carlgren (1949) erroneously gave 1851 as the date of publication.

Currently considered valid: Yes

Homactis Verrill, 1869b

Type species: *Homactis rupicola* Verrill, 1869b, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939b).

Currently considered valid: No

Homostichanthus Duerden, 1900

Type species: *Actinia anemone* Ellis, 1768, by monotypy.

Nomenclature notes: Neave (1939b) erroneously gave 1899 as the date of publication; Carlgren (1949) gave it correctly.

Spelling errors or variants: *Homosticanthus*

Currently considered valid: No

Hoplophoria Wilson, 1890

Type species: *Hoplophoria coralligens* Wilson, 1890, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939b).

Currently considered valid: No

Hormathia Gosse, 1859

Type species: *Hormathia Margaritæ* Gosse, 1859, by monotypy.

Nomenclature notes: Type species is not in agreement with Carlgren (1949). Authorship is in agreement with Neave (1939b) and with Carlgren (1949).

Spelling errors or variants: *Homathia*, *Hormatia*

Currently considered valid: Yes

Hormathianthus Carlgren, 1943

Type species: *Hormathianthus tuberculatus* Carlgren, 1943, by monotypy.

Nomenclature notes: Authorship is in agreement Carlgren (1949) and with Neave (1950).
Currently considered valid: Yes

Hormosoma Stephenson, 1918a

Type species: *Hormosoma scotti* Stephenson, 1918a, by original designation.

Nomenclature notes: Authorship is in agreement with Neave (1939b) and with Carlgren (1949).

Currently considered valid: Yes

Iluanthos Forbes, 1840

Type species: *Iluanthos Scoticus* Forbes, 1840, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939b).

Spelling errors or variants: *Ilyanthus*

Currently considered valid: No

Ilyactis Andres, 1881

Type species: *Ilyactis torquata* Andres, 1881, by monotypy.

Nomenclature notes: Not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Vevers 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line).

Currently considered valid: Yes

Ilyanthopsis Hertwig, 1888

Type species: *Ilyanthopsis longifilis* Hertwig, 1888, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939b).

Currently considered valid: No

Iosactis Riemann-Zürneck, 1997

Type species: *Iosactis vagabunda* Riemann-Zürneck, 1997, by monotypy.

Nomenclature notes: Authorship is in agreement with NZ 10 (on line).

Currently considered valid: Yes

Isacmaea Ehrenberg, 1834

Type species: *None*

Nomenclature notes: No type species has been designated for this genus; 12 species were included in it originally. Authorship is in agreement with Neave (1939b).

Spelling errors or variants: *isacmaea*

Currently considered valid: No

Isactinernus Carlgren, 1918

Type species: *Isactinernus 4-lobatus* Carlgren, 1918, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939b) and with Carlgren (1949).

Currently considered valid: Yes

Isactinia Carlgren, 1900a

Type species: *Anemonia citrina* Haddon and Shackleton, 1893, by subsequent designation.

Nomenclature notes: Type species was designated by Carlgren (1947) and is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1939b) and with Carlgren (1949). *Anemonia citrina* is also type species of *Telactinia* England, 1987.

Currently considered valid: Yes

Isadamsia Carlgren, 1928a

Type species: *Isadamsia cancrisocia* Carlgren, 1928a, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939b) and with Carlgren (1949).

Currently considered valid: No

Isanemonia Carlgren, 1950b

Type species: *Isanemonia australis* Carlgren, 1950b, by monotypy.

Nomenclature notes: Not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Vevers 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line).

Currently considered valid: Yes

Isantheopsis Carlgren, 1942

Type species: *Actinopsis rosea* Studer, 1879, by monotypy.

Nomenclature notes: Not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Vevers 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line).

Currently considered valid: Yes

Isanthus Carlgren, 1938

Type species: *Isanthus capensis* Carlgren, 1938, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1950) and with Carlgren (1949).

Currently considered valid: Yes

Isoaulactinia Belém, Herrera Moreno, and Schlenz, 1996

Type species: *Aulactinia stelloides* McMurrich, 1889a, by original designation.

Nomenclature notes: Not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Vevers 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line).

Currently considered valid: Yes

Isocradactis Carlgren, 1924a

Type species: *Cradactis magna* Stuckey, 1909, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939b) and with Carlgren (1949).

Currently considered valid: No

Isoedwardsia Carlgren, 1900a

Type species: *Isoedwardsia ingolfi* Carlgren, 1921, by subsequent designation.

Nomenclature notes: Type species was designated by Carlgren (1921) and is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1939b) and with Carlgren (1949).

Currently considered valid: Yes

Isometridium Carlgren, 1951

Type species: *Isometridium rickettsi* Carlgren, 1951, by monotypy.

Nomenclature notes: Edwards and Hopwood (1966) stated the genus was described by Carlgren in 1949. The name *Isometridium* as published by Carlgren in 1949, is a *nomen nudum*: it is unavailable under ICZN Article 13.3.1 because the single included species, *Isometridium Richettsi*, is a *nomen nudum*, being unavailable under ICZN Article 13.1.1.

Currently considered valid: No

Isoparactis Stephenson, 1920

Type species: *Paractis ferax* Stuckey, 1909, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939b) and with Carlgren (1949).

Currently considered valid: No

Isophellia Carlgren, 1900a

Type species: *Isophellia sabulosa* Carlgren, 1900a, by original designation.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1939b) and with Carlgren (1949).

Currently considered valid: Yes

Isosicyonis Carlgren, 1927

Type species: *Paractis alba* Studer, 1879, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939b) and with Carlgren (1949).
Currently considered valid: Yes

Isotealia Carlgren, 1899b

Type species: *Isotealia antarctica* Carlgren, 1899b, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Neave (1939a) gave the date as 1898; there is evidence that publication was in 1899, the date given by Carlgren (1949).

Currently considered valid: Yes

Isoulactis Carlgren, 1959

Type species: *Isoulactis chilensis* Carlgren, 1959, by monotypy.

Nomenclature notes: Authorship is in agreement with Edwards and Vevers (1975).

Currently considered valid: Yes

Ixalactis Haddon, 1898

Type species: *Phymanthus simplex* Haddon and Shackleton, 1893, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939b).

Currently considered valid: No

Jancis Stephenson, 1935

Type species: *Sagartia Luciae* Verrill, 1898, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939b). This name was proposed conditionally; according to the ICZN, having been published prior to 1960, it “may be available” (Article 15.1). We regard it as available, being listed in NZ (Neave 1939b) and mentioned by Carlgren (1949). *Sagartia Luciae* is also type species of *Haliplanella* Hand, 1956.

Currently considered valid: No

Kadosactis Danielssen, 1890

Type species: *Kadosactis rosea* Danielssen, 1890, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1939b) and with Carlgren (1949).

Currently considered valid: Yes

Kadosanthus Carlgren, 1934a

Type species: *Kadosactis sulcata* Carlgren, 1934a, by monotypy.

Nomenclature notes: Not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Vevers 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line).

Currently considered valid: No

Kalliphobe Busch, 1851

Type species: *Kalliphobe appendiculata* Busch, 1851, by monotypy.

Nomenclature notes: Neave (1939b) regarded “Kalliphobe Metschnikoff [non Busch] 1871” and “Kalliphobe Busch 1851” as homonyms; Andres (1883, page 360), 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.

Spelling errors or variants: *Calliphobe*

Currently considered valid: No

Korenia Danielssen, 1890

Type species: *Korenia margaritacea* Danielssen, 1890, by monotypy.

Nomenclature notes: In agreement with Neave (1939b), junior homonym of gastropod genus *Korenia* of Friele, H., 1877, Tungebev æbningen hos de norske Rhipidoglossa. Archiv for Mathematik og Naturvidenskab 2:205. Authorship of both genera is in agreement with Neave (1939b).

Currently considered valid: No

Korsaranthus Riemann-Zürneck and Griffiths, 1999

Type species: *Condylactis natalensis* Carlgren, 1938, by original designation.

Nomenclature notes: Authorship is in agreement with NZ 10 (on line).

Currently considered valid: Yes

Kyathactis Danielssen, 1890

Type species: *Kyathactis hyalina* Danielssen, 1890, by monotypy.

Nomenclature notes: Not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Vevers 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line).

Currently considered valid: No

Kylindrosactis Danielssen, 1890

Type species: *Kylindrosactis elegans* Danielssen, 1890, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939b).

Currently considered valid: No

Lebrunia Duchassaing de Fombressin and Michelotti, 1860

Type species: *Lebrunia neglecta* Duchassaing de Fombressin and Michelotti, 1860, by monotypy.

Nomenclature notes: Type species is not in agreement with Carlgren (1949). Authorship is in agreement with Neave (1939b) and with Carlgren (1949).

Spelling errors or variants: *Labrunia*, *Lebrunea*, *Lubrunia*

Currently considered valid: Yes

Lecythia Sars, 1829

Type species: *Lecythia brevicornis* Sars, 1829, by monotypy.

Nomenclature notes: Type species is in agreement with Williams (1981), who regarded this genus a *nomen dubium*. In agreement with Neave (1939b), 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 is in agreement with Neave (1939b).

Currently considered valid: No

Leiotaelia Hertwig, 1882

Type species: *Actinia nymphæa* Drayton in Dana, 1846, by monotypy.

Nomenclature notes: Genus name erroneously listed in Neave (1939b) as *Leiotaelia*.

Spelling errors or variants: *Leiotaelia*

Currently considered valid: Yes

Leipsiceras Stephenson, 1918b

Type species: *Bolocera pollens* McMurrich, 1898, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949); not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Vevers 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line). Authorship is in agreement with Carlgren (1949).

Currently considered valid: Yes

Lepactis Andres, 1883

Type species: *Actinia squamosa* Bruguiere, 1789, by monotypy.

Nomenclature notes: Not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Vevers 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line).

Currently considered valid: Yes

Leptoteichus Stephenson, 1918a

Type species: *Leptoteichus insignis* Stephenson, 1918a, by original designation.

Nomenclature notes: Authorship is in agreement with Neave (1939b).

Currently considered valid: No

Lilliella Stephenson, 1918a

Type species: *Lilliella lacunifera* Stephenson, 1918a, by original designation.

Nomenclature notes: Authorship is in agreement with Neave (1939b).

Currently considered valid: No

Limnactinia Carlgren, 1921

Type species: *Limnactinia laevis* Carlgren, 1921, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Neave (1939b) erroneously stated *Limnactinia* was described in 1922; Carlgren (1949) gave it correctly.

Currently considered valid: Yes

Liponema Hertwig, 1888

Type species: *Liponema multiporum* Hertwig, 1882, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1940b); Carlgren (1949) erroneously gave 1882 as the date of publication.

Currently considered valid: Yes

Litophellia Carlgren, 1938

Type species: *Litophellia octoradiata* Carlgren, 1938, by monotypy.

Nomenclature notes: Authorship is in agreement with Carlgren (1949) and with Neave (1950).

Currently considered valid: No

Lophactis Verrill, 1869a

Type species: *Lophactis ornata* Verrill, 1869a, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939b).

Currently considered valid: No

Macranthea Verrill, 1928

Type species: *Macranthea cookei* Verrill, 1928, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940a).

Currently considered valid: No

Macrocnema Carlgren, 1928a

Type species: *Macrocnema nicobarica* Carlgren, 1928a, by monotypy.

Nomenclature notes: In agreement with Neave (1940a), junior homonym of *Macrocnema* of Stephens, J. F., 1831, *Illustrations of British Entomology*; or, *A Synopsis of Indigenous Insects*, volume 4, page 317. Authorship of both genera is in agreement with Neave (1940a); that of the actiniarian genus is in agreement with Carlgren (1949).

Currently considered valid: Yes

Macroductyla Haddon, 1898

Type species: *Condylactis aspera* Haddon and Shackleton, 1893, by monotypy.

Nomenclature notes: Type species is in agreement with Dunn (1981). According to Neave (1940a), junior homonym of *Macroductyla* of Harris in Hitchcock, E., 1833 [not seen: "Rep. Geol. Min. Zool. Massach., 575"]. Authorship of the actiniarian genus is in agreement with Neave (1940a) and with Carlgren (1949).

Currently considered valid: Yes

Madoniactis Danielssen, 1890

Type species: *Madoniactis lofotensis* Danielssen, 1890, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940a).

Currently considered valid: No

Maractis Fautin and Barber, 1999

Type species: *Maractis rimicarivora* Fautin and Barber, 1999, by original designation.

Nomenclature notes: Authorship is in agreement with NZ 10 (on line).
Currently considered valid: Yes

Marianactis Fautin and Hessler, 1989

Type species: *Marianactis bythios* Fautin and Hessler, 1989, by original designation.

Nomenclature notes: Authorship is in agreement with Edwards *et al.* (1996).

Currently considered valid: Yes

Marsupifer Carlgren, 1901

Type species: *Marsupifer Valdiviae* Carlgren, 1901, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940a).

Currently considered valid: No

Megalactis Hemprich and Ehrenberg in Ehrenberg, 1834

Type species: *Megalactis Hemprichii* Ehrenberg, 1834, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1940a) and with Carlgren (1949).

Currently considered valid: Yes

Melactis Milne Edwards, 1857

Type species: *None*

Nomenclature notes: No type species has been designated for this genus; two species were included in it originally. Authorship is in agreement with Neave (1940a).

Currently considered valid: No

Mena Stephenson, 1920

Type species: *Phytocoetes chilkaeus* Annandale, 1915, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). According to Eschmeyer, W., 1998, Catalog of Fishes, vol. 3, fish genus *Mena* of Swainson, W., 1839, On the Natural History of Fishes, Amphibians, & Reptiles or Monocardian Animals, volume 2, page 215, is an incorrect subsequent spelling of genus *Maena* Cuvier, 1829; Swainson's genus, which is not in prevailing usage, is not available and so does not enter into homonymy (ICZN Article 33.3). Authorship of the actiniarian genus is in agreement with Carlgren (1949); that of both genera is in agreement with Neave (1940a).

Currently considered valid: Yes

Mesacmaea Andres, 1883

Type species: *Ilyanthus stellatus* Andres, 1881, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940a) and with Carlgren (1949). Ehrenberg (1834) also proposed a genus *Mesacmaea*, which is a *nomen nudum*: an available species name was not assigned in combination with this genus name (ICZN Article 12.2.5).

Spelling errors or variants: *Mesacmaea*

Currently considered valid: Yes

Mesactinia England, 1987

Type species: *Mesactinia ganensis* England, 1987, by original designation.

Nomenclature notes: Not listed in NZ (Edwards *et al.* 1996; volume 10 on line).

Currently considered valid: Yes

Metactis Milne Edwards and Haime, 1851

Type species: *Actinia Vas* Quoy and Gaimard, 1833, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1940a).

Currently considered valid: No

Metapeachia Carlgren, 1943

Type species: *Peachia tropica* Panikkar, 1938, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1950) and with Carlgren (1949).

Currently considered valid: Yes

Metedwardsia Carlgren, 1947

Type species: *Milne-edwardsia akkeshi* Uchida, 1932b, by monotypy.

Nomenclature notes: Authorship is in agreement with Edwards and Hopwood (1966) and with Carlgren (1949).

Currently considered valid: Yes

Metridium de Blainville, 1824

Type species: *Actinia dianthus* Ellis, 1768, by monotypy.

Nomenclature notes: Oken (1815) was rejected for nomenclatorial purposes in Opinion 417 of the International Commission on Zoological Nomenclature (Bulletin of Zoological Nomenclature 14:1–42; 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 of Zoological Nomenclature (Bulletin of Zoological Nomenclature 41:19–21; March 1984). Type species and authorship are not in agreement with Carlgren (1949).

Spelling errors or variants: *Methridium*

Currently considered valid: Yes

Milneedwardsia Carlgren, 1892

Type species: *Milne-Edwardsia Loveni* Carlgren, 1892

Nomenclature notes: In agreement with Neave (1940a), junior homonym of mollusc 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 is in agreement with Neave (1940a).

Spelling errors or variants: *Milne-Edwardsia*

Currently considered valid: No

Mimetridium Hand, 1961

Type species: *Mimetridium cryptum* Hand, 1961, by monotypy.

Nomenclature notes: Authorship is in agreement Edwards and Vevers (1975).

Currently considered valid: Yes

Minyas Cuvier, 1817

Type species: *Mynias cyanea* Cuvier, 1817, by monotypy.

Nomenclature notes: Type species is not in agreement with Carlgren (1949). In agreement with Neave (1940a), junior homonym of lepidopteran genus *Minyas* of Savigny, J. C., 1816, Mémoires sur les Animaux sans Vértèbres, part 1, page 31. Cuvier (1817), who described the actiniarian in phylum Echinodermata, spelled the genus name both *Minyas* and *Mynias*; the spelling *Minyas* was fixed by de Blainville (1830), acting as First Reviser (ICZN Article 24.2.1). de Blainville (1830) also moved the genus to phylum Coelenterata, and resolved the homonymy by creating *Actinecta* as a replacement name (ICZN Article 60.2). Authorship of both genera is in agreement with Neave (1940a); Carlgren (1949) erroneously gave 1827 as the date.

Spelling errors or variants: *Mynias*

Currently considered valid: Yes

Mitactis Haddon and Duerden, 1896

Type species: *None*

Nomenclature notes: No type species has been designated for this genus; two species were included in it originally. Neave (1940a) erroneously gave 1898 as the date of publication.

Currently considered valid: No

Monactis Riemann-Zürneck, 1986

Type species: *Paractis vestita* Gravier, 1918, by original designation.

Nomenclature notes: Authorship is in agreement with Edwards *et al.* (1996).

Currently considered valid: Yes

Moschata Renier in de Blainville, 1830

Type species: *Moschata rhododactyla* de Blainville, 1830, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940a).

Currently considered valid: No

Myonanthus McMurrich, 1893

Type species: *Myonanthus ambiguus* McMurrich, 1893, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Neave (1940a) erroneously gave 1895 as the date of publication; Carlgren (1949) gave it correctly.

Currently considered valid: Yes

Myriactis Haddon, 1888

Type species: *Myriactis tubicola* Haddon, 1888, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940a).

Currently considered valid: Yes

Nautactis Milne Edwards, 1857

Type species: *Actinia olivacea* Le Sueur, 1817, by monotypy.

Nomenclature notes: Neave (1940a) erroneously attributed authorship to Milne-Edwards & Haime.

Currently considered valid: Yes

Nectothela Verrill, 1928

Type species: *Nectothela lilae* Verrill, 1928, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940s).

Currently considered valid: No

Nemactis Milne Edwards, 1857

Type species: *None*

Nomenclature notes: No type species has been designated for this genus; three species were included in it originally.

Authorship is in agreement with Neave (1940a).

Currently considered valid: Yes

Nemanthus Carlgren, 1940

Type species: *Sagartia nitida* Wassilieff, 1908, by original designation.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Carlgren (1949) and with Neave (1950).

Spelling errors or variants: *Namanthus*

Currently considered valid: Yes

Nematostella Stephenson, 1935

Type species: *Nematostella vectensis* Stephenson, 1935, by original designation.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1940a) and with Carlgren (1949).

Currently considered valid: Yes

Neoaipiasia Parulekar, 1969

Type species: *Neoaipiasia commensali* Parulekar, 1969, by original designation.

Nomenclature notes: Authorship is in agreement with Edwards and Tobias (1993).

Currently considered valid: Yes

Neocondylactis England, 1987

Type species: *Neocondylactis singaporensis* England, 1987, by original designation.

Nomenclature notes: Not listed in NZ (Edwards *et al.* 1996; volume 10 on line).

Currently considered valid: Yes

Neohalcampa Sanamyan, 2001

Type species: *Neohalcampa sheikoi* Sanamyan, 2001, by original designation.

Nomenclature notes: Authorship is in agreement with NZ 10 (on line).

Currently considered valid: Yes

Neoparacondylactis Zamponi, 1974

Type species: *Neoparacondylactis haraldoi* Zamponi, 1974, by original designation.

Nomenclature notes: Authorship is in agreement with Edwards and Tobias (1993).

Currently considered valid: Yes

Neophellia Uchida, 1938

Type species: *Neophellia mutsuensis* Uchida, 1938, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1950); Carlgren (1949) erroneously gave 1939 as the date.

Currently considered valid: No

Nevadne Stephenson, 1922

Type species: *Gyrostoma glaucum* Annandale, 1915, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940a) and with Carlgren (1949).

Currently considered valid: Yes

Oceanactis Moseley, 1877

Type species: *Oceanactis rhodactylus* Moseley, 1877, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940a).

Currently considered valid: Yes

Octineon Moseley in Fowler, 1894

Type species: *Ammodiscus Lindahli* Carpenter and Jeffreys, 1871, by replacement.

Nomenclature notes: Carlgren (1949) erroneously gave the type species as Carpenter in Fowler, 1894. Replacement name (ICZN Article 60.2) for the junior homonym *Ammodiscus*. Neave (1940a) gave authorship as Fowler, but Fowler attributed it to Moseley, as Carlgren (1949) gave it.

Currently considered valid: Yes

Octophellia Andres, 1883

Type species: *None*

Nomenclature notes: No type species has been designated for this genus; two species were included in it originally.

Authorship is in agreement with Neave (1940a).

Currently considered valid: Yes

Onubactis López-González, den Hartog, and García-Gómez, 1995

Type species: *Onubactis rocioi* López-González, den Hartog, and García-Gómez, 1995, by original designation.

Nomenclature notes: Authorship is in agreement with NZ 10 (on line).

Currently considered valid: Yes

Ophiodiscus Hertwig, 1882

Type species: *Ophiodiscus annulatus* Hertwig, 1882, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Carlgren (1949) and with Neave (1940a), who stated that *Stephanactis* was described by Hertwig (1882), which is true; however, it appears that the German version of Hertwig's publication on the Challenger anemones appeared before that in the expedition series, which Neave cited.

Currently considered valid: Yes

Oractis McMurrich, 1893

Type species: *Oractis Diomedea* McMurrich, 1893, by monotypy.

Nomenclature notes: Neave (1940a) erroneously gave the date as 1895; Carlgren (1949) gave it correctly.

Currently considered valid: Yes

Oulactis Milne Edwards and Haime, 1851

Type species: *Metridium muscosum* Drayton in Dana, 1846, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1940a) and with Carlgren (1949).

Currently considered valid: Yes

Pacmanactis López-González, Rodríguez, and Segonzac, 2005

Type species: *Pacmanactis hashimotoi* López-González, Rodríguez, and Segonzac, 2005, by original designation.

Nomenclature notes: Not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Vevers 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line).

Currently considered valid: No

Parabunodactis Carlgren, 1928a

Type species: *Bunodactis inflexibilis* Carlgren, 1928a, by monotypy.

Nomenclature notes: Not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Vevers 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line). Authorship is in agreement with Carlgren (1949).

Currently considered valid: Yes

Paracalliactis Carlgren, 1928a

Type species: *Paracalliactis valdiviae* Carlgren, 1928a, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1940a) and with Carlgren (1949).

Currently considered valid: Yes

Paracondylactis Carlgren, 1934c

Type species: *Condylactis hertwigi* Wassilieff, 1908, by subsequent designation.

Nomenclature notes: Type species was designated by Carlgren (1949). Authorship is in agreement with Neave (1940b) and with Carlgren (1949).

Currently considered valid: Yes

Paractinia Andres, 1883

Type species: *Actinia striata* Risso, 1826, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940a).

Currently considered valid: Yes

Paractinostola Carlgren, 1928a

Type species: *Paractinostola bulbosa* Carlgren, 1928a, by subsequent designation.

Nomenclature notes: Type species was designated by Carlgren (1949). Authorship is in agreement with Neave (1940a) and with Carlgren (1949).

Currently considered valid: Yes

Paractis Milne Edwards and Haime, 1851

Type species: *Actinia impatiens* Couthouy in Dana, 1846, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940a).

Spelling errors or variants: *Paracis*, *Paratis*, *Peractis*

Currently considered valid: Yes

Paraedwardsia Carlgren in Nordgaard, 1905

Type species: *Paraedwardsia arenarea* Carlgren in Nordgaard, 1905, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Neave (1940a) attributed authorship to Joergensen (1905) from a manuscript by Carlgren; Carlgren (1949) attributed authorship simply to Carlgren.

Currently considered valid: Yes

Parahalcampa Carlgren, 1927

Type species: *Parahalcampa antarctica* Carlgren, 1927, by original designation.

Nomenclature notes: Neave (1940b) stated the genus was described by Carlgren in 1921. The name *Parahalcampa* as published by Carlgren in 1921, is a *nomen nudum*: it is unavailable under ICZN Article 13.3.1 because the single included species, *Parahalcampa antarctica*, is a *nomen nudum*, being unavailable under ICZN Article 13.1.1.

Currently considered valid: Yes

Paraiptasia England, 1992

Type species: *Actinia radiata* Stimpson, 1856a, by original designation.

Nomenclature notes: Authorship is in agreement with Edwards *et al.* (1996).

Currently considered valid: Yes

Paraisanthus Sanamyan and Sanamyan, 1998

Type species: *Paraisanthus tamarae* Sanamyan and Sanamyan, 1998, by monotypy.

Nomenclature notes: Authorship is in agreement with NZ 10 (on line).

Currently considered valid: Yes

Paraisometridium Zamponi, 1978b

Type species: *Paraisometridium pehuensis* Zamponi, 1978b, by monotypy.

Nomenclature notes: Authorship is in agreement with Edwards *et al.* (1996).

Currently considered valid: Yes

Paranemonia Carlgren, 1900a

Type species: *Anemonia cinerea* Contarini, 1844, by monotypy.

Nomenclature notes: Not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Vevers 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line). Authorship is in agreement with Carlgren (1949).

Currently considered valid: Yes

Paranthea Verrill, 1868

Type species: *Dysactis pallida* L. Agassiz in Verrill, 1864b, by original designation.

Nomenclature notes: Authorship is in agreement with Neave (1940a).

Currently considered valid: No

Parantheoides Carlgren, 1899b

Type species: *Parantheoides crassa* Carlgren, 1899b, by monotypy.

Nomenclature notes: Neave (1940a) erroneously gave 1898 as the date of publication.

Currently considered valid: No

Parantheopsis McMurrich, 1904

Type species: *Actinia cruentata* Couthouy in Dana, 1846, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949), who erroneously gave 1849 as the date of publication. Authorship is in agreement with Neave (1940a) and with Carlgren (1949).

Currently considered valid: Yes

Paranthosactis López-González, Rodríguez, Gili, and Segonzac, 2003

Type species: *Paranthosactis denhartogi* López-González, Rodríguez, Gili, and Segonzac, 2003, by original designation.

Nomenclature notes: Authorship is in agreement with NZ 10 (on line).

Currently considered valid: Yes

Paranthus Andres, 1883

Type species: *Entacmaea chromatodera* Schmarda, 1852, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1940a) and with Carlgren (1949).

Currently considered valid: Yes

Paraphellia Haddon, 1889

Type species: *Chitonactis expansa* Haddon, 1886, by monotypy.

Nomenclature notes: In agreement with Neave (1940a), junior homonym of actiniarian *Paraphellia* of Verrill (1868). Type species is in agreement with Carlgren (1949). Authorship of both genera is in agreement with Neave (1940a); that of the actiniarian genus is in agreement with Carlgren (1949).

Currently considered valid: Yes

Paraphellia Verrill, 1868

Type species: *Phellia inequalis* Verrill, 1868, by monotypy.

Nomenclature notes: In agreement with Neave (1940a), senior homonym of actiniarian *Paraphellia* of Haddon (1889). Authorship of both genera is in agreement with Neave (1940a).

Currently considered valid: Yes

Paraphelliactis Carlgren, 1928b

Type species: *Paraphelliactis spinosa* Carlgren, 1928b, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1940) and with Carlgren (1949).

Currently considered valid: Yes

Parasicyonis Carlgren, 1921

Type species: *Parasicyonis sarsii* Carlgren, 1921, by original designation.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1940a) and with Carlgren (1949).

Spelling errors or variants: *Paracicyonis*

Currently considered valid: Yes

Parastephanauge Dufaure, 1959

Type species: *Parastephanauge Paxi* Dufaure, 1959, by monotypy.

Nomenclature notes: Authorship is in agreement with Edwards and Ververs (1975).

Currently considered valid: Yes

Paratealia Mathew and Kurian, 1979

Type species: *Paratealia keralensis* Mathew and Kurian, 1979, by monotypy.

Nomenclature notes: Authorship is in agreement with Edwards *et al.* (1996).

Currently considered valid: Yes

Parathoe Carlgren, 1928a

Type species: *Cereus Stimpsonii* Verrill, 1869b, by monotypy.

Nomenclature notes: In agreement with Neave (1940a), 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. Carlgren (1938) created *Anthothoe* as a replacement name. Authorship of both genera is in agreement with Neave (1940a).

Currently considered valid: No

Peachia Gosse, 1855

Type species: *Peachia hastata* Gosse, 1855, by subsequent designation.

Nomenclature notes: Type species was designated by Carlgren (1949). Authorship is in agreement with Neave (1940a) and with Carlgren (1949).

Spelling errors or variants: *Peachya*

Currently considered valid: Yes

Pelocoetes Annandale, 1915

Type species: *Metridium schillerianum exul* Annandale, 1907, by monotypy.

Nomenclature notes: Carlgren (1949) erroneously gave the type species as *Pelocoetes exul*, dated from 1915. Authorship is in agreement with Neave (1940) and with Carlgren (1949).

Spelling errors or variants: *Pelocætes*

Currently considered valid: Yes

Pentactinia Carlgren, 1900b

Type species: *Pentactinia californica* Carlgren, 1900b, by monotypy.

Nomenclature notes: Neave (1940a) erroneously gave authorship of the genus as 1901, although he gave correct authorship of the publication. Authorship is in agreement with Carlgren (1949).

Currently considered valid: Yes

Peronanthus Hiles, 1899

Type species: *Peronanthus verrucellae* Hiles, 1899, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940a).

Currently considered valid: Yes

Petalactis Andres, 1883

Type species: *None*

Nomenclature notes: No type species has been designated for this genus; two species were included in it originally. Not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Vevers 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line).

Currently considered valid: Yes

Phellia Gosse, 1858a

Type species: *Phellia gausapata* Gosse, 1858a, by subsequent designation.

Nomenclature notes: Type species was designated by Stephenson (1929), and is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1940a) and with Carlgren (1949).

Currently considered valid: Yes

Phelliactis Simon, 1892

Type species: *Phelliactis Hertwigii* Simon, 1892, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1940b) and with Carlgren (1949).

Currently considered valid: Yes

Phelliogeton Carlgren, 1927

Type species: *Phelliogeton falklandicus* Carlgren, 1927, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1940a) and with Carlgren (1949).

Currently considered valid: Yes

Phelliomorpha Carlgren, 1902

Type species: *Phellia crassa* Danielssen, 1890, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940a).

Currently considered valid: No

Phelliopsis Fischer, 1887

Type species: *Phellia nummus* Andres, 1881, by monotypy.

Nomenclature notes: Senior homonym of actiniarian genus *Phelliopsis* of Verrill, 1899c, in agreement with Neave (1940a, 1950). Authorship of both genera is in agreement with Neave (1940a, 1950).

Currently considered valid: No

Phelliopsis Verrill, 1899c

Type species: *Phellia Panamensis* Verrill, 1869a, by original designation.

Nomenclature notes: Junior homonym of actiniarian genus *Phelliopsis* of Fischer, 1887. Delphy (1939) resolved the homonymy by creating the replacement name (ICZN Article 60.2) *Plastaphellia* in agreement with Neave (1940a, 1950). Authorship of both genera is in agreement with Neave (1940a, 1950).

Currently considered valid: No

Phialoba Carlgren, 1951

Type species: *Phialoba steinbecki* Carlgren, 1951, by monotypy.

Nomenclature notes: Edwards and Hopwood (1966) stated the genus was described by Carlgren in 1949. The name *Phialoba* as published by Carlgren in 1949, is a *nomen nudum*: it is unavailable under ICZN Article 13.3.1 because the single included species, *Phialoba steinbecki*, is a *nomen nudum*, being unavailable under ICZN Article 13.1.1.

Currently considered valid: Yes

Philomedusa Müller, 1860

Type species: *Philomedusa Vogtii* Müller, 1860, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940a).

Currently considered valid: Yes

Phlyctaenomyias Andres, 1883

Type species: *None*

Nomenclature notes: No type species has been designated for this genus; two species were included in it originally. Erroneously rendered by Neave (1940a) as *Phyctaenomyias*.

Currently considered valid: No

Phlyctenactis Stuckey, 1909

Type species: *Actinia tuberculosa* Quoy and Gaimard, 1833, by subsequent designation.

Nomenclature notes: Type species was designated by Carlgren (1949). Authorship is in agreement with Neave (1940a) and with Carlgren (1949).

Currently considered valid: Yes

Phlyctenanthus Carlgren, 1950c

Type species: *Phlyctenanthus australis* Carlgren, 1950c, by monotypy.

Nomenclature notes: Edwards and Hopwood (1966) stated the genus was described by Carlgren in 1949. The name *Phlyctenanthus* as published by Carlgren in 1949, is a *nomen nudum*: it is unavailable under ICZN Article 13.3.1 because the single included species, *Phlyctenanthus australis*, is a *nomen nudum*, being unavailable under ICZN Article 13.1.1.

Currently considered valid: Yes

Phyllactis Milne Edwards and Haime, 1851

Type species: *Metridium praetextum* Couthouy in Dana, 1846, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1940) and with Carlgren (1949).

Spelling errors or variants: *Phylactis*

Currently considered valid: Yes

Phyllodiscus Kwietniewski, 1897

Type species: *Phyllodiscus Semoni* Kwietniewski, 1897, by monotypy.

Nomenclature notes: Description of the actiniarian repeated (in nearly the same words) by Kwietniewski (1898). Author-

ship is in agreement with Neave (1940a); Carlgren (1949) erroneously gave 1898 as the date.

Spelling errors or variants: *Phillodiscus*

Currently considered valid: Yes

Phyllominyas Andres, 1883

Type species: *None*

Nomenclature notes: No type species has been designated for this genus; two species were included in it originally.

Authorship is in agreement with Neave (1940a).

Currently considered valid: No

Phymactis Milne Edwards, 1857

Type species: *Actinia clematis* Drayton in Dana, 1846, by subsequent designation.

Nomenclature notes: Type species was designated by Carlgren (1949), who erroneously gave 1849 as the date. Authorship is in agreement with Neave (1940a) and with Carlgren (1949).

Currently considered valid: Yes

Phymanthea Carlgren, 1959

Type species: *Actinia pluvia* Drayton in Dana, 1846, by monotypy.

Nomenclature notes: Authorship is in agreement with Edwards and Ververs (1975).

Spelling errors or variants: *Phymantea*

Currently considered valid: Yes

Phymanthus Milne Edwards and Haime, 1851

Type species: *Actinodendron Loligo* Hemprich and Ehrenberg in Ehrenberg, 1834, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1940a); Carlgren(1949) erroneously gave 1857 as the date of publication.

Spelling errors or variants: *Phimanthus*, *Phymantes*, *Phymantus*, *Phymathus*

Currently considered valid: Yes

Physactis Verrill, 1869b

Type species: *Actinia multicolor* Stimpson, 1856a, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940a).

Currently considered valid: No

Physobrachia Saville-Kent, 1893

Type species: *Physobrachia Douglasi* Saville-Kent, 1893, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940a).

Currently considered valid: No

Phytocoetes Annandale, 1915

Type species: *Phytocoetes gangeticus* Annandale, 1915, by original designation.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1940a) and with Carlgren (1949).

Spelling errors or variants: *Phytocætes*

Currently considered valid: Yes

Phytocæteopsis Panikkar, 1936

Type species: *Phytocæteopsis ramunnii* Panikkar, 1936, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Carlgren (1949) and with Neave (1950).

Currently considered valid: No

Plastaphellia Delphy, 1939

Type species: *Phellia Panamensis* Verrill, 1869a, by replacement.

Nomenclature notes: Replacement name (ICZN Article 60.2) for the junior homonym *Phelliopsis* Verrill, 1899c. Authorship of both genera is in agreement with Neave (1950).

Currently considered valid: No

Plotactis Milne Edwards, 1857

Type species: *Actinia flava* Le Sueur, 1817, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940a).

Currently considered valid: No

Polyopis Hertwig, 1882

Type species: *Polyopis striata* Hertwig, 1882, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940a).

Currently considered valid: No

Polyparium Korotneff, 1886

Type species: *Polyparium ambulans* Korotneff, 1886, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940a).

Currently considered valid: No

Polysiphonia Hertwig, 1882

Type species: *Polysiphonia tuberosa* Hertwig, 1882, by monotypy.

Nomenclature notes: In agreement with Neave (1940a) and NZ 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, page 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 the actiniarian and Pomel's sponge genus is in agreement with Neave (1940a); authorship of Finks' sponge genus is in agreement with NZ 10 (on line).

Currently considered valid: No

Polystomidium Hertwig, 1882

Type species: *Polystomidium patens* Hertwig, 1882, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940a).

Spelling errors or variants: *Polystomidia*

Currently considered valid: No

Porponia Hertwig, 1882

Type species: *Porponia elongata* Hertwig, 1882, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940a).

Currently considered valid: No

Preactis England in England and Robson, 1984

Type species: *Preactis millardae* England in England and Robson, 1984, by original designation.

Nomenclature notes: Authorship is in agreement with Edwards *et al.* (1996).

Currently considered valid: Yes

Protanthea Carlgren, 1891

Type species: *Protanthea simplex* Carlgren, 1891, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1940a) and with Carlgren (1949).

Spelling errors or variants: *Prothantea*

Currently considered valid: Yes

Pseudactinia Carlgren, 1928a

Type species: *Actinia flagellifera* Drayton in Dana, 1846, by original designation.

Nomenclature notes: Carlgren (1949) erroneously gave the type species as *Comactis flagellifera*, dated from 1882.

Authorship is in agreement with Neave (1940) and with Carlgren (1949).

Currently considered valid: Yes

Pseudhormathia Carlgren, 1943

Type species: *Pseudhormathia bocki* Carlgren, 1943, by monotypy.

Nomenclature notes: Authorship is in agreement with Carlgren (1949) and with Neave (1950).

Currently considered valid: Yes

Pseudoparactis Stephenson, 1920

Type species: *Paractis tenuicollis* McMurrich, 1904, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940a) and with Carlgren (1949).

Currently considered valid: Yes

Pseudophellia Verrill, 1899d

Type species: *Phellia arctica* Verrill, 1868, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940a).

Currently considered valid: No

Ptychodactis Appellöf, 1893

Type species: *Ptychodactis patula* Appellöf, 1893, by monotypy.

Nomenclature notes: Neave (1940a) gave 1894 for the genus but 1893 for the publication; authorship is in agreement with Carlgren (1949).

Currently considered valid: Yes

Pycnanthus McMurrich, 1893

Type species: *Pycnanthus maliformis* McMurrich, 1893, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1940a) and with Carlgren (1949).

Currently considered valid: Yes

Radianthus Kwietniewski, 1896a

Type species: *Radianthus Kükenthalii* Kwietniewski, 1896a, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1940b); Carlgren (1949) erroneously gave 1897 as the date of publication.

Currently considered valid: No

Ragactis Andres, 1883

Type species: *None*

Nomenclature notes: No type species has been designated for this genus; two species were included in it originally. Authorship is in agreement with Neave (1940b).

Currently considered valid: Yes

Ramirezia Zamponi, 1980

Type species: *Ramirezia balsae* Zamponi, 1980, by original designation.

Nomenclature notes: In agreement with NZ 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 Chileana Entomol.* 28: 85. Authorship of the actiniarian genus is in agreement with Edwards *et al.* (1996).

Spelling errors or variants: *Ramireza*

Currently considered valid: Yes

Raphactis Verrill, 1899b

Type species: *Raphactis nitida* Verrill, 1899b, by original designation.

Nomenclature notes: Authorship is in agreement with Neave (1940b).

Currently considered valid: No

Rhodactinia Agassiz, 1847

Type species: *Actinia Davisii* Agassiz, 1847, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940).

Currently considered valid: No

Rhytidactis Pax, 1922

Type species: *Rhytidactis antarctica* Pax, 1922, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940b).

Currently considered valid: No

Rivetia Pax, 1912

Type species: *Actinia papillosa* Lesson, 1830, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940b).

Currently considered valid: No

Ropalactis Andres, 1883

Type species: *None*

Nomenclature notes: No type species has been designated for this genus; two species were included in it originally. Authorship is in agreement with Neave (1940b).

Currently considered valid: No

Saccactis Lager, 1911

Type species: *Saccactis Mc Murrichi* Lager, 1911, by subsequent designation.

Nomenclature notes: Type species was designated by Riemann-Zürneck and Gallardo (1990). Authorship is in agreement with Neave (1940b).

Currently considered valid: No

Sagartia Gosse, 1855

Type species: *Actinia elegans* Dalyell, 1848, by subsequent designation.

Nomenclature notes: Type species was designated by Haddon (1889), and is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1940b) and with Carlgren (1949).

Spelling errors or variants: *Sagaratia*, *Sagaria*, *Sagarta*, *Sargartia*

Currently considered valid: Yes

Sagartianthus Carlgren, 1943

Type species: *Sagartianthus indosinensis* Carlgren, 1943, by monotypy.

Nomenclature notes: Authorship is in agreement with Carlgren (1949) and with Neave (1950).

Currently considered valid: Yes

Sagartiogeton Carlgren, 1924b

Type species: *Sagartiogeton robustus* Carlgren, 1924b, by subsequent designation.

Nomenclature notes: Type species was designated by Carlgren (1949). Authorship is in agreement with Neave (1940b) and with Carlgren (1949).

Spelling errors or variants: *Sargatiogeton*

Currently considered valid: Yes

Sagartiomorpe Kwietniewski, 1898

Type species: *Sagartiomorpe carlgreni* Kwietniewski, 1898, by monotypy.

Nomenclature notes: Authorship is in agreement with Carlgren (1949); Neave (1940b) erroneously stated *Sagartiomor-*

pha [sic] was described by Kwietniewski in 1897.
Spelling errors or variants: *Sargartiomorphe*, *Sagartiomorpha*
Currently considered valid: Yes

Sarcophinanthus Lesson, 1830

Type species: *None*

Nomenclature notes: No type species has been designated for this genus; two species were included in it originally. Neave (1940b) erroneously stated *Sarcophinanthus* was described in 1838.

Spelling errors or variants: *Sarcophianthus*

Currently considered valid: Yes

Scolanthus Gosse, 1853

Type species: *Scolanthus callimorphus* Gosse, 1853, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940b).

Currently considered valid: Yes

Scyphia Wright, 1859

Type species: *Actinia Bellis* Ellis and Solander, 1786, by monotypy.

Nomenclature notes: Not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Ververs 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line). Oken, 1815, in which the sponge name *Scyphia* was published according to Neave (1940b), was rejected for nomenclatorial purposes in Opinion 417 of the International Commission on Zoological Nomenclature (Bulletin of Zoological Nomenclature 14:1–42; September 1956) because the author did not apply the principles of binominal nomenclature.

Currently considered valid: No

Scytophorus Hertwig, 1882

Type species: *Scytophorus striatus* Hertwig, 1882, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1940b) and with Carlgren (1949).

Currently considered valid: Yes

Seepactis Sanamyan and Sanamyan, 2007

Type species: *Seepactis galkini* Sanamyan and Sanamyan, 2007, by original designation.

Nomenclature notes: Not listed in NZ (volume 10 on line)

Currently considered valid: Yes

Segonzactis Riemann-Zürneck, 1979

Type species: *Segonzactis platypus* Riemann-Zürneck, 1979, by original designation.

Nomenclature notes: Authorship is in agreement with Edwards *et al.* (1996).

Spelling errors or variants: *Segonsactis*

Currently considered valid: Yes

Sicyonis Hertwig, 1882

Type species: *Sicyonis crassa* Hertwig, 1882, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1940b) and with Carlgren (1949).

Currently considered valid: Yes

Sicyopus Gravier, 1918

Type species: *Sicyopus commensalis* Gravier, 1918, by monotypy.

Nomenclature notes: In agreement with Neave (1940b), junior homonym of *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 (1940b).

Currently considered valid: Yes

Siphonactinia Danielssen and Koren, 1856

Type species: *Siphonactinia Boeckii* Danielssen and Koren, 1856, by monotypy.

Nomenclature notes: Neave (1940b) erroneously attributed authorship to Koren and Danielssen.

Currently considered valid: Yes

Siphonactinopsis Carlgren, 1921

Type species: *Siphonactinopsis laevis* Carlgren, 1921, by monotypy.

Nomenclature notes: Authorship is in agreement with Carlgren (1949); Neave (1940b) erroneously gave 1922 as the date.

Currently considered valid: Yes

Solenactinia Fischer, 1889

Type species: *Sagartia erythrochila* Fischer, 1874, by monotypy.

Nomenclature notes: Not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Vevers 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line).

Currently considered valid: No

Spheractis England, 1992

Type species: *Spheractis cheungae* England, 1992, by original designation.

Nomenclature notes: Authorship is in agreement with Edwards *et al.* (1996).

Currently considered valid: Yes

Spyractis Andres, 1883

Type species: *Actinia punctulata* Quoy and Gaimard, 1833, by monotypy.

Nomenclature notes: Not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Vevers 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line).

Currently considered valid: Yes

Stauractis Andres, 1883

Type species: *Actinodactylus Boscii* Duchassaing, 1850, by monotypy.

Nomenclature notes: *Actinodactylus Boscii* is also type species of *Actinodactylus*. Authorship is in agreement with Neave (1940b).

Currently considered valid: Yes

Stelidiactis Danielssen, 1890

Type species: *None*

Nomenclature notes: No type species has been designated for this genus; three species were included in it originally. Neave (1940b) erroneously gave page 19 for the description: the genus was described on page 18.

Spelling errors or variants: *Stilidiacis*, *Stilidiactis*

Currently considered valid: No

Stephanactis Verrill, 1869b

Type species: *Stephanactis Indica* Verrill, 1869b, by monotypy.

Nomenclature notes: In agreement with Neave (1940b), senior homonym of *Stephanactis* of Hertwig, R., 1882, *Die Actinien der Challenger Expedition*, page 77.

Currently considered valid: Yes

Stephanactis Hertwig, 1882

Type species: *Actinia abyssicola* Moseley, 1877, by subsequent designation.

Nomenclature notes: Type species was designated by Verrill (1899b). In agreement with Neave (1940b), junior homonym of *Stephanactis* of Verrill (1869b). Verrill (1899b) resolved the homonymy by creating a replacement name (ICZN Article 60.2) *Stephanauge* for Hertwig's genus. Neave (1940b) stated that *Stephanactis* was described by Hertwig (1882), which is true; however, it appears that the German version of Hertwig's publication on the Challenger anemones appeared before that in the expedition series, which Neave cited.

Currently considered valid: Yes

Stephanauge Verrill, 1899b

Type species: *Actinia abyssicola* Moseley, 1877, by replacement.

Nomenclature notes: Replacement name (ICZN Article 60.2) for the junior homonym *Stephanactis*. Type species is not in agreement with Carlgren (1949). Authorship is in agreement with Neave (1940b) and with Carlgren (1949).

Currently considered valid: Yes

Stephanthus Rodríguez and López-González, 2003

Type species: *Stephanthus antarcticus* Rodríguez and López-González, 2003, by original designation.

Nomenclature notes: Authorship is in agreement with NZ 10 (on line).

Currently considered valid: Yes

Stephensonactis Panikkar, 1936

Type species: *Stephensonactis ornata* Panikkar, 1936, by monotypy.

Nomenclature notes: Authorship is in agreement with Carlgren (1949) and with Neave (1950).

Currently considered valid: Yes

Stichodactis Kwietniewski, 1898

Type species: *Stichodactis papillosa* Kwietniewski, 1898, by monotypy.

Nomenclature notes: Neave (1940b) erroneously rendered the author's name as Kniwniewski and gave the date as 1897.

Currently considered valid: No

Stichodactyla Brandt, 1835

Type species: *Stichodactyla Mertensii* Brandt, 1835, by monotypy.

Nomenclature notes: Type species is in agreement with Dunn (1981). Authorship is in agreement with Neave (1940b).

Currently considered valid: Yes

Stichophora Brandt, 1835

Type species: *Stichophora cyanea* Brandt, 1835, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940b).

Currently considered valid: Yes

Stoichactis Haddon, 1898

Type species: *Discosoma Kenti* Haddon and Shackleton, 1893, by subsequent designation.

Nomenclature notes: Type species was designated by Carlgren (1949). Authorship is in agreement with Neave (1940b) and with Carlgren (1949).

Currently considered valid: No

Stomphia Gosse, 1859

Type species: *Stomphia Churchiæ* Gosse, 1859, by monotypy.

Nomenclature notes: Type species is not in agreement with Carlgren (1949). Authorship is in agreement with Neave (1940b) and with Carlgren (1949).

Spelling errors or variants: *Stomophia*

Currently considered valid: Yes

Stylobates Dall, 1903

Type species: *Stylobates aeneus* Dall, 1903, by monotypy.

Nomenclature notes: Originally described as a gastropod. Authorship is in agreement with Neave (1940b).

Currently considered valid: Yes

Synactinernus Carlgren, 1918

Type species: *Synactinernus flavus* Carlgren, 1918, by monotypy.

Nomenclature notes: Authorship is in agreement with Carlgren (1949); not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Vevers 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line).

Currently considered valid: Yes

Synandwakia Carlgren, 1947

Type species: *Andwakia Hozawai* Uchida, 1932a, by monotypy.

Nomenclature notes: Authorship is in agreement with Carlgren (1949) and with Edwards and Hopwood (1966).

Currently considered valid: Yes

Synantheopsis England, 1992

Type species: *Synantheopsis primus* England, 1992, by original designation.

Nomenclature notes: Authorship is in agreement with Edwards *et al.* (1996).

Currently considered valid: Yes

Synanthus Verrill, 1879

Type species: *Synanthus mirabilis* Verrill, 1879, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940b).

Currently considered valid: No

Synhalcampa Carlgren, 1921

Type species: *Halianthus limnicola* Annandale, 1915, by monotypy.

Nomenclature notes: Not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Vevers 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line).

Currently considered valid: No

Synhalcampella Carlgren, 1921

Type species: *Halcampella Ostroumowi* Wyragévitch, 1905, by monotypy.

Nomenclature notes: Authorship is in agreement with Carlgren (1949); not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Vevers 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line).

Currently considered valid: Yes

Synhalcurias Carlgren, 1914

Type species: *Ilyanthopsis elegans* Wassilieff, 1908, by monotypy.

Nomenclature notes: Authorship is in agreement with Carlgren (1949); not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Vevers 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line).

Spelling errors or variants: *Symphalcurias*

Currently considered valid: Yes

Synphellia Carlgren, 1924a

Type species: *Synphellia aucklandica* Carlgren, 1924a, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940b).

Currently considered valid: No

Synsicyonis Carlgren, 1921

Type species: *Sicyonis elongata* Hertwig, 1888, by monotypy.

Nomenclature notes: Authorship is in agreement with Carlgren (1949); not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Vevers 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line).

Currently considered valid: Yes

Taractea Andres, 1883

Type species: *Oulactis Danae* Duchassaing de Fonbressin and Michelotti, 1860, by monotypy.

Nomenclature notes: Neave (1940b) erroneously gave 1884 as the date of publication.

Currently considered valid: No

Taractostephanus Brandt, 1835

Type species: *Actinia squamosa* Bruguiere, 1789, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940b).

Currently considered valid: No

Tealia Gosse, 1858b

Type species: *Actinia felina* Linnaeus, 1767, by subsequent designation.

Nomenclature notes: Type species was designated by Carlgren (1949). Authorship is in agreement with Neave (1940b) and with Carlgren (1949).

Currently considered valid: No

Tealianthus Carlgren, 1927

Type species: *Tealianthus incertus* Carlgren, 1927, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940b) and with Carlgren (1949).

Currently considered valid: Yes

Tealidium Hertwig, 1882

Type species: *Tealidium cingulatum* Hertwig, 1882, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1940b) and with Carlgren (1949).

Currently considered valid: Yes

Tealiopsis Danielssen, 1890

Type species: *Tealiopsis polaris* Danielssen, 1890, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940b).

Currently considered valid: No

Telactinia England, 1987

Type species: *Anemonia citrina* Haddon and Shackleton, 1893, by original designation.

Nomenclature notes: Not listed in NZ (Edwards *et al.* 1996; volume 10 on line). *Anemonia citrina* is also type species of *Isactinia* Carlgren, 1900a.

Currently considered valid: Yes

Telmatactis Gravier, 1916

Type species: *Telmatactis Valle-Flori* Gravier, 1916, by monotypy.

Nomenclature notes: Neave (1940b) and Carlgren (1949) erroneously gave 1918 as the date of publication of both type species and genus.

Currently considered valid: Yes

Tetractis Andres, 1883

Type species: *Actinia quadrangularis* Bruguiere, 1789, by monotypy.

Nomenclature notes: Junior homonym of echinoderm genus *Tetractis* of Schultze, C. F., 1759, *Betrachtung der versteinerten Seesterne, und ihrer Theile*, page 49. Neave (1940b) erroneously gave 1760 as the publication date of the echinoderm genus; the actinarian genus was not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Vevers 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line).

Currently considered valid: Yes

Thalassianthus Rüppell and Leuckart, 1828

Type species: *Thalassianthus Aster* Rüppell and Leuckart, 1828, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1940b); Carlgren (1949) gave only Leuckart as the author.

Spelling errors or variants: *Thalassianthus*

Currently considered valid: Yes

Thaumactis Fowler, 1888

Type species: *Thaumactis medusoides* Fowler, 1888, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940b).
Currently considered valid: No

Thelaceros Mitchell, 1890

Type species: *Thelaceros rhizophoræ* Mitchell, 1890, by monotypy.
Nomenclature notes: Authorship is in agreement with Neave (1940b).
Currently considered valid: No

Thelactis Klunzinger, 1877

Type species: *Thelactis simplex* Klunzinger, 1877, by monotypy.
Nomenclature notes: Authorship is in agreement with Neave (1940b).
Currently considered valid: Yes

Thoe Wright, 1859

Type species: *None*

Nomenclature notes: No type species has been designated for this genus; three species were included in it originally. Neave (1940b) rendered with an umlaut as senior homonym 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. Neave (1940b) rendered without an umlaut as junior homonyms [1] polychaete genus *Thoe* of Kinberg, J. G. H., 1866, Annulata nova. Öfversigt af Kongl. Vetenskaps-Akademiens Förhandlingar 1865:249; and [2] ctenophore genus *Thoë* of Chun, C., 1878, Die im Golf von Neapel erscheinenden Rippenquallen. Mittheilungen aus der Zoologischen Station zu Neapel 1:199. Authorship of the actiniarian and crustacean genera is in agreement with Neave (1940b), who erroneously gave 1865 as the publication date of the polychaete.

Spelling errors or variants: *Thoë*

Currently considered valid: No

Tilesia Andres, 1883

Type species: *Actinia Brasiliensis* Milne Edwards, 1857, by monotypy.

Nomenclature notes: 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, page 42; [2] fish genus *Tilesia* of Swainson, W., 1838, On the Natural History of Fishes, Amphibians, & Reptiles or Monocardian Animals, volume 1, page 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 the non-actiniarian genera is in agreement with Neave (1940b). The actiniarian name not listed in NZ (Neave 1939a, b, 1940a, b, 1950; Edwards & Hopwood 1966; Edwards & Ververs 1975; Edwards & Tobias 1993; Edwards *et al.* 1996; volume 10 on line).

Currently considered valid: Yes

Triactis Klunzinger, 1877

Type species: *Triactis producta* Klunzinger, 1877, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). In agreement with Neave (1940b), 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 the actiniarian genus is in agreement with Carlgren (1949) and with Neave (1940b), who erroneously gave the date of the radiolarian genus as 1881.

Currently considered valid: Yes

Tricnidactis de Oliveira Pires, 1987

Type species: *Tricnidactis errans* de Oliveira Pires, 1987, by monotypy.

Nomenclature notes: Edwards *et al.* (1996) listed as homonyms *Tricnidactis* of de Olivera Pires in 1987 and 1988; the two refer to the same species, the first publication being an abstract from a meeting but fulfilling the criteria of availability, and the second being an extended treatment written as an original description.

Currently considered valid: Yes

Urophysalus Costa, 1869

Type species: *Urophysalus Grubii* Costa, 1869, by monotypy.

Nomenclature notes: Originally described as a sipunculid. Authorship is in agreement with Neave (1940b).

Currently considered valid: No

Urticina Ehrenberg, 1834

Type species: *Actinia crassicornis* Müller, 1776, by subsequent designation.

Nomenclature notes: Type species was designated by Manuel (1981). Authorship is in agreement with Neave (1940b).

Currently considered valid: Yes

Urticinopsis Carlgren, 1927

Type species: *Urticina antarctica* Verrill, 1922, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1940b) and with Carlgren (1949).

Currently considered valid: Yes

Verrillactis England, 1971

Type species: *Sagartia Paguri* Stimpson in Verrill, 1869b, by original designation.

Nomenclature notes: Authorship is in agreement with Edwards and Tobias (1993).

Currently considered valid: Yes

Viatrix Duchassaing de Fombressin and Michelotti, 1860

Type species: *Urticina globulifera* Duchassaing, 1850, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940).

Currently considered valid: No

Xanthiopus Keferstein, 1862

Type species: *None*

Nomenclature notes: No type species has been designated for this genus; two species were included in it originally. Authorship is in agreement with Neave (1940b).

Currently considered valid: No

Zaolutus Hand, 1955

Type species: *Zaolutus actius* Hand, 1955, by monotypy.

Nomenclature notes: Authorship is in agreement with Edwards and Hopwood (1966).

Currently considered valid: Yes

GENERA OF CORALLIMORPHARIA (coral-like sea anemones)

Actinodiscus de Blainville, 1830

Type species: *Discosoma nummiforme* Rüppell and Leuckart, 1828, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). In agreement with Edwards *et al.* (1996), senior homonym of echinoderm genus *Actinodiscus* of Smith, A. B. and 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 the corallimorpharian genus is in agreement with Neave (1939a) and with Carlgren (1949), and that of the echinoderm genus with Edwards *et al.* (1996).

Currently considered valid: Yes

Actinotryx Duchassaing de Fombressin and Michelotti, 1860

Type species: *Actinotryx Sancti Thomae* Duchassaing de Fombressin and Michelotti, 1860, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939a).

Spelling errors or variants: *Actinothrix*, *Actinothryx*, *Actinotrynx*

Currently considered valid: No

Amplexidiscus Dunn and Hamner, 1980

Type species: *Amplexidiscus fenestrafer* Dunn and Hamner, 1980, by monotypy.

Nomenclature notes: Authorship is in agreement with Edwards *et al.* (1996).

Currently considered valid: Yes

Chalmersia Delage and Hérouard, 1901

Type species: None

Nomenclature notes: This is a *nomen nudum*: an available species name was not assigned in combination with this genus name (ICZN Article 12.2.5).

Currently considered valid: No

Corallimorphus Moseley, 1877

Type species: *Corallimorphus profundus* Moseley, 1877, by subsequent designation.

Nomenclature notes: Type species was designated by Carlgren (1949) and is in agreement with Fautin (1984). Authorship is in agreement with Neave (1939a) and with Carlgren (1949).

Currently considered valid: Yes

Corynactis Allman, 1846

Type species: *Corynactis viridis* Allman, 1846, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1939a) and with Carlgren (1949).

Currently considered valid: Yes

Discosoma Rüppell and Leuckart, 1828

Type species: *Discosoma nummiforme* Rüppell and Leuckart, 1828, by monotypy.

Nomenclature notes: In agreement with Neave (1939b), senior homonym of [1] arachnid genus *Discosoma* of Perty, M., 1833, *Delectus animalium articulorum, quae in itinere per Brasiliam*, 3:209; [2] mollusc 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 is in agreement with Neave (1939b).

Spelling errors or variants: *Discossoma*

Currently considered valid: Yes

Draytonia Duchassaing de Fombressin and Michelotti, 1864

Type species: *Draytonia myrcia* Duchassaing de Fombressin and Michelotti, 1864, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939b).

Currently considered valid: No

Isocorallion Carlgren, 1900a

Type species: *Isocorallion Hertwigi* Carlgren, 1900a, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1939b).

Spelling errors or variants: *Isocorallium*

Currently considered valid: No

Metarhodactis Carlgren, 1943

Type species: *Metarhodactis boninensis* Carlgren, 1943, by monotypy.

Nomenclature notes: Authorship is in agreement with Carlgren (1949) and with Neave (1950).

Currently considered valid: Yes

Nectactis Gravier, 1918

Type species: *Nectactis singularis* Gravier, 1918, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940a) and with Carlgren (1949).

Currently considered valid: Yes

Orinia Duchassaing de Fonbressin and Michelotti, 1860

Type species: *Orinia torpida* Duchassaing de Fonbressin and Michelotti, 1860, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940a) and with Carlgren (1949).

Currently considered valid: No

Phialactis Fowler, 1888

Type species: *Phialactis neglecta* Fowler, 1888, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940a).

Currently considered valid: No

Platyoanthus Saville-Kent, 1893

Type species: *Platyoanthus mussoides* Saville-Kent, 1893, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940a).

Currently considered valid: Yes

Pseudocorynactis den Hartog, 1980

Type species: *Pseudocorynactis caribbeorum* den Hartog, 1980, by monotypy.

Nomenclature notes: Authorship is in agreement with Edwards *et al.* (1996).

Currently considered valid: Yes

Rhodactis Milne Edwards and Haime, 1851

Type species: *Metridium rhodostomum* Hemprich and Ehrenberg in Ehrenberg, 1834, by monotypy.

Nomenclature notes: Type species is in agreement with Carlgren (1949). Authorship is in agreement with Neave (1940b) and with Carlgren (1949).

Spelling errors or variants: *Rodactis*

Currently considered valid: Yes

Ricordea Duchassaing de Fonbressin and Michelotti, 1860

Type species: *Ricordea florida* Duchassaing de Fonbressin and Michelotti, 1860, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940b) and with Carlgren (1949).

Spelling errors or variants: *Ricordia*

Currently considered valid: Yes

Sideractis Danielssen, 1890

Type species: *Sideractis glacialis* Danielssen, 1890, by monotypy.

Nomenclature notes: Authorship is in agreement with Neave (1940b) and with Carlgren (1949).

Currently considered valid: Yes

Sphincteractis Zamponi, 1976

Type species: *Sphincteractis sanmatiensis* Zamponi, 1976, by monotypy.

Nomenclature notes: Edwards and Tobias (1993) erroneously gave the date as 1977.

Currently considered valid: No

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Literature cited

- Adams, J. (1800) Descriptions of some marine animals found on the coast of Wales. *Transactions of the Linnean Society (London)*, 5, 7–12.
- Agassiz, L. (1847) Lettre de M. Louis Agassiz, datée de Boston, le 30 septembre 1847, adressée à M. Alexandre de Humboldt. *Comptes Rendus de l'Académie des Sciences, Paris*, 25, 677–682.
- Agassiz, L. (1859) On some new actinoid polyps of the coast of the United States. *Proceedings of the Boston Society of Natural History*, 7, 23–24.
- Allman, G. J. (1846) Biological contributions. Description of a new genus of helianthoid zoophytes. *Annals and Magazine of Natural History*, 17, 417–419.
- Andres, A. (1881) Prodrum neapolitanæ actiniarum faunæ addito generalis actiniarum bibliographiæ catalogo. *Mitteilungen aus der Zoologischen Station zu Neapel*, 2, 305–371.
- Andres, A. (1883) *Le Attinie (Monografia)*. Coi Tipi der Salviucci, Roma, 460.
- Annandale, N. (1907) 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) Fauna of the Chilka Lake. The coelenterates of the lake, with an account of the Actinaria of brackish water in the Gangetic Delta. *Memoirs of the Indian Museum*, 5, 65–114.
- Appellöf, A. (1893) *Ptychodactis patula* n. g. & sp. der Repräsentant einer neuen Hexactinien-Familie. *Bergens Museums Aarbog*, 1893, 3–22.
- Belém, M. J., Herrera Moreno, A., Schlenz, E. (1996) On *Isoaulactinia stelloides* (McMurrich, 1889), n. gen., n. comb. (Cnidaria; Actinaria; Actiniidae). *Biociências*, 4, 77–88.
- de Blainville, H. M. (1824) *Metridium*. *Dictionnaire des Sciences Naturelles*, F. G. Levrault, Strasbourg, 470.
- de Blainville, H. M. (1830) *Dictionnaire des Sciences Naturelles*. F.G. Levrault, Strasbourg, Paris, 631.
- Bourne, G. C. (1918) On some new Phelliinae from New Guinea. *Quarterly Journal of Microscopical Science*, 63, 31–90.
- Boveri, T. (1893) Das Genus *Gyrectis*, eine radial-symmetrische Actinienform. *Zoologische Jahrbücher Abteilung für Systematik*, 7, 241–253.
- Brandt, J. F. (1835) Polypos, acalephas discophoras et siphonophoras, nec non echinodermata continens. *Prodromus Descriptionis Animalium AB H. Mertensio in Orbis Terrarum Circumnavigatione Observatorum*, Sumptibus Academiae, Petropoli, 75.
- Bruguiere (1789) *Encyclopédie Méthodique. Histoire Naturelle des Vers*. Libraire Panckouke, Paris, 757.
- Busch, W. (1851) *Beobachtungen Über Anatomie und Entwicklung Einiger Wirbelloser Seethiere*. August Hirschwald, Berlin, 143.
- Cappola, V. A., Fautin, D. G. (2000) All three species of Ptychodactaria belong to order Actinaria (Cnidaria: Anthozoa). *Journal of the Marine Biological Association of the UK*, 80, 995–1005.
- Carlgren, O. (1891) *Protanthea simplex* n. gen. n. sp., eine eigentümliche Actinie. Vorläufige Mitteilung. *Öfversigt af Kongliga Vetenskaps-Akademiens Förhandlingar*, 48, 81–89.
- Carlgren, O. (1892) Beiträge zur Kenntnis der Edwardsien. *Öfversigt af Kongliga Vetenskaps-Akademiens Förhandlingar*, 1892, 451–461.
- Carlgren, O. (1893) Studien über Nordische Actinien. *Kungliga Svenska Vetenskaps-Akademiens Handlingar*, 25, 1–148.
- Carlgren, O. (1897) Zur Mesenterienentwicklung der Aktinien. *Öfversigt af Kongliga Vetenskaps-Akademiens Förhandlingar*, 1897, 159–172.
- Carlgren, O. (1899a) Über abschnürbare Tentakel bei den Actinarien. *Zoologischer Anzeiger*, 22, 39–44.
- Carlgren, O. (1899b) Zoantharien. *Hamburger Magalhaensische Sammelreise*, 4, 1–48.
- Carlgren, O. (1900a) Ostafrikanische Actinien. Gesammelt von Herrn Dr. F. Stuhlmann 1888 und 1889. *Mitteilungen aus dem Naturhistorischen Museum*, 17, 21–144 [reprint 1–124].
- Carlgren, O. (1900b) Über *Pentactinia californica* n. gen. n. sp. *Öfversigt af Kongliga Vetenskaps-Akademiens Förhandlingar*, 57, 1165–1172.

- Carlgren, O. (1901) Die Brutpflege der Actiniarian. *Biologischen Centralblatt*, 21, 468–484.
- Carlgren, O. (1902) 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 Meer-untersuchungen, Abteilung Helgoland*, 5, 33–56.
- Carlgren, O. (1911) Über *Dactylanthus (Cystiactis) antarcticus* (Clubb) zugleich ein Beitrag zur Phylogenie der Actiniarien. *Wissenschaftliche Ergebnisse der Schwedischen Südpolarexpedition, 1901–1903*, 6, Zool. II, 1–31.
- Carlgren, O. (1914) On the genus *Porponia* and related genera, Scottish National Antarctic Expedition. *Transactions of the Royal Society of Edinburgh*, 50, 49–71.
- Carlgren, O. (1918) Die Mesenterienanordnung der Halcuriiden. *Kungliga Fysiografiska Sällskapets Handlingar*, 29, 1–37.
- Carlgren, O. (1921) Actiniaria Part I. *Danish Ingolf-Expedition*, 5, 1–241.
- Carlgren, O. (1924a) 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. (1924b) Description de deux Actiniaria. *Bulletin de l'Institut Océanographique (Monaco)*, 26–28.
- Carlgren, O. (1925a) On the actiniarian family Amphianthidae. *Arkiv für Zoologi*, 17B, 1–6.
- Carlgren, O. (1925b) Zur Kenntnis der Hexacorallen. *Zoologischer Anzeiger*, 65, 87–99.
- Carlgren, O. (1927) Actiniaria and Zoantharia. In: T. Odhner, *Further Zoological Results of the Swedish Antarctic Expedition 1901–1903*, P.A. Norstedt & Söner, Stockholm, 1–102.
- Carlgren, O. (1928a) Actiniaria der Deutschen Tiefsee-Expedition. *Wissenschaftliche Ergebnisse der Deutschen Tiefsee-Expedition auf dem Dampfer “Valdivia” 1898–1899*, 22, 125–266 [reprint 1–144].
- Carlgren, O. (1928b) Ceriantharier, Zoantharier och Actiniarier. *Meddelelser om Grønland*, 23 Suppl., 253–308.
- Carlgren, O. (1932) Die Ceriantharien, Zoantharien und Actiniarien des arktischen Gebietes. In: Fritz Römer, Fritz Schaudinn, August Brauer, and Walther Arndt, *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, 255–266.
- Carlgren, O. (1934a) 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. (1934b) Some Actiniaria from Bering Sea and Arctic waters. *Journal of the Washington Academy of Sciences*, 24, 348–353.
- Carlgren, O. (1934c) Zur Revision der Actiniarien. *Arkiv für Zoologi*, 26A, 1–36.
- Carlgren, O. (1937) A new actinian. *Smithsonian Miscellaneous Collections*, 91, 1–4.
- Carlgren, O. (1938) South African Actiniaria and Zoantharia. *Kungliga Svenska Vetenskaps-Akademiens Handlingar*, 17, 1–148.
- Carlgren, O. (1940) Eastern Pacific Expeditions of the New York Zoological Society. XIX. Actiniaria from the Gulf of California. *Zoologica*, 25, 211–219.
- Carlgren, O. (1942) Actiniaria Part II. *Danish Ingolf-Expedition*, 5, 1–92.
- Carlgren, O. (1943) East-Asiatic Corallimorpharia and Actiniaria. *Kungliga Svenska Vetenskaps-Akademiens Handlingar*, 20, 1–43.
- Carlgren, O. (1945) Further contributions to the knowledge of the cnidom in the Anthozoa especially in the Actiniaria. *Kungliga Fysiografiska Sällskapets Handlingar*, 56, 1–24.
- Carlgren, O. (1947) Further contributions to a revision of the Actiniaria and Corallimorpharia. *Arkiv für Zoologi*, 17, 1–17.
- Carlgren, O. (1949) A survey of the Ptychodactiaria, Corallimorpharia and Actiniaria. *Kungliga Svenska Vetenskaps-Akademiens Handlingar*, series 4, 1(1), 1–121.
- Carlgren, O. (1950a) Actiniaria and Corallimorpharia. *Scientific Reports on the Great Barrier Reef Expedition 1928–29*, 5, 427–457.
- Carlgren, O. (1950b) Actiniaria and Zoantharia from South Australia. *Arkiv für Zoologi*, 20, 121–135 [reprint 1–15].
- Carlgren, O. (1950c) Corallimorpharia, Actiniaria and Zoantharia from New South Wales and South Queensland. *Arkiv für Zoologi*, 1, 131–146.
- Carlgren, O. (1951) The actinian fauna of the Gulf of California. *Proceedings of the United States National Museum*, 101, 415–449.
- Carlgren, O. (1956) Actiniaria from depths exceeding 6000 meters. *Galathea Reports*, 2, 9–16.
- Carlgren, O. (1959) Reports of the Lund University Chile Expedition 1948–49 38. Corallimorpharia and Actiniaria with description of a new genus and species from Peru. *Arkiv für Zoologi*, 71, 1–38.
- Carlgren, O., Hedgpeth, J. W. (1952) 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.
- Carpenter, W. B., Jeffreys, J. G. (1871) 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–

- Clubb, J. A. (1908) Coelentera. *National Antarctic Expedition 1901–1904 Natural History*, IV. - Actiniae, 1–12.
- Contarini, C. N. (1844) *Trattato delle attinie, ed osservazioni sopra alcune di esse viventi nei Contorni di Venezia*. Stabilimento Di G. Antonelli, Venice, 198.
- Costa, A. (1869) Di un genere di Sipunculidei. *Annuario dell'Instituto e Museo di Zoologia dell'Università di Napoli*, 5, 56–57.
- Cutress, B. D. (1961) *Habrosanthus bathamae*, n. gen., n. sp. (Actiniaria: Sagartiidae) from New Zealand. *Transactions of the Royal Society of New Zealand*, 1, 95–101.
- Cuvier, G. (1817) *Le Règne Animal, Volume 4, les Zoophytes*. Deterville, Paris.
- Dall, W. H. (1903) A new genus of Trochidae. *Nautilus*, 17, 61–62.
- Dalyell, J. G. (1848) *Rare and Remarkable Animals of Scotland*. John Van Voorst, Paternoster Row, London, 322.
- Dana, J. D. (1846) *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.
- Danielssen, D. C. (1887) 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) Actinida. *Den Norske Nordhavs-Expedition 1876–1878. Zoologi*. Grøndahl and Søn, Christiania, 184.
- Danielssen, D. C., Koren, J. (1856) Nye Actinier [Actinies nouvelles]. In: M. Sars, J. Koren, D. C. Danielssen, *Fauna Littoralis Norvegiae*, Fr. D. Beyer, Bergen, 87–90.
- Delage, Y., Hérouard, E. (1901) *Traité de Zoologie Concrète*. C. Reinwald, Paris, 848.
- Delle Chiaje, S. (1825) *Memorie su la storia e la notomia degli animali senza vertebre die Reprio di Napoli*. Stamperia de' Fratelli Fernandes, Napoli, 444.
- Delphy, J. (1938) Les actinies athénaires (Actiniaria Athenaria) de la faune Française. *Bulletin du Muséum National d'Histoire Naturelle (Paris)*, 10, 619–622.
- Delphy, J. (1939) 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, 267–270.
- Doumenc, D. A., Van-Praët, M. (1988) Actinies abyssales d'un site hydrothermal du Pacifique oriental. *Oceanologica Acta*, Special 8—Biologie et icologie des sources hydrothermales, 61–68.
- Dube, V. M. (1983) Contribuição ao estudo de anêmonas-do-mar do esta do da bahia. *Natura*, 83, 82–93.
- Duchassaing, P. (1850) *Animaux Radiaires des Antilles*. Plon Frères, Paris, 33.
- Duchassaing de Fombressin, P., Michelotti, G. (1864) *Supplément au mémoire sur les Coralliaires des Antilles*. Imprimerie Royale, Turin, 112.
- Duchassaing de Fombressin, P., Michelotti, G. (1860) *Mémoire sur les Coralliaires des Antilles*. Imprimerie Royale, Turin, 89.
- Duerden, J. E. (1900) Jamaican Actiniaria. Part II. —Stichodactylinae and Zoantheae. *Scientific Transactions of the Royal Dublin Society*, 7, 133–208.
- Dufaure, J. P. (1959) Une nouvelle actinie: *Parastephanauge paxi*, gen. nov., sp. nov. *Bulletin de la Société Zoologique de France*, 84, 86–91.
- Dunn, D. F. (1981) The clownfish sea anemones: Stichodactylidae (Coelenterata: Actiniaria) and other sea anemones symbiotic with pomacentrid fishes. *Transactions of the American Philosophical Society*, 71, 1–115.
- Dunn, D. F. (1983) Some Antarctic and sub-Antarctic sea anemones (Coelenterata: Ptychodactiaria and Actiniaria). *Antarctic Research Series*, 39(1), 1–67.
- Dunn, D. F., Hamner, W. M. (1980) *Amplexidiscus fenestrafer* n. gen., n. sp. (Coelenterata: Anthozoa), a tropical Indo-Pacific Corallimorpharian. *Micronesica*, 16, 29–36.
- Edwards, M. A., Hopwood, A. T. (1966) *Nomenclator Zoologicus vol. VI*. Zoological Society of London, London, 329.
- Edwards, M. A., Manly, P., Tobias, M. A. (1996) *Nomenclator Zoologicus vol. IX*. Zoological Society of London, London, 701.
- Edwards, M. A., Tobias, M. A. (1993) *Nomenclator Zoologicus vol. VIII*. Zoological Society of London, London, 620.
- Edwards, M. A., Vevers, H. G. (1975) *Nomenclator Zoologicus vol. VII*. Zoological Society of London, London, 374.
- Ehrenberg, C. G. (1834) 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.
- Ellis, J. (1768) 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.
- Ellis, J., Solander, D. (1786) *The Natural History of Many Curious and Uncommon Zoophytes, Collected from Various Parts of the Globe*. Benjamin White and Son, London, 206.
- England, K. W. (1971) Actiniaria from Mururoa Atoll Tuamotu, Polynesia (Hormathiidae; *Calliactis polypus* Sagartiidae; *Verrillactis* n. gen. *paguri*). *Cahiers du Pacifique*, 15, 23–40.
- England, K. W. (1987) Certain Actiniaria (Cnidaria, Anthozoa) from the Red Sea and tropical Indo-Pacific Ocean. *Bulle-*

- tin of the *British Museum (Natural History)*, 53, 205–292.
- England, K. W. (1990) 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.
- England, K. W. (1992) Actiniaria (Cnidaria: Anthozoa) from Hong Kong with additional data on similar species from Aden, Bahrain and Singapore. In: B. Morton, *The Marine Flora and Fauna of Hong Kong and Southern China III*, Hong Kong University Press, Hong Kong, 49–95.
- England, K. W., Robson, E. A. (1984) A new sea anemone from South Africa (Anthozoa, Ptychodactiaria). *Annals of the South African Museum*, 94, 305–329.
- Fabricius, J. C. (1780) *Fauna Groenlandica*. Ioannis Gottlob Rothe, Hafniae and Lipsiae, 452.
- Farquhar, H. (1898) Preliminary account of some New-Zealand Actiniaria. *Journal of the Linnean Society of London (Zoology)*, 26, 527–536.
- Fautin, D. G. (1998) Class Anthozoa: orders Actiniaria, Ceriantharia, and Zoanthinaria. In: Scott, P. V., Blake, J. A., *Taxonomic Atlas of the Benthic Fauna of the Santa Maria Basin and Western Santa Barbara Channel*, volume 3 (The Cnidaria), Santa Barbara Museum of Natural History, Santa Barbara, 113–139 (chapter 3).
- Fautin, D. G. (2005) Three species of intertidal sea anemones (Anthozoa: Actiniidae) from the tropical Pacific: description of *Anthopleura buddemeieri* n. sp., with remarks on *Anthopleura asiatica* and *Gyrcactis sesere*. *Pacific Science* 59, 379–391.
- Fautin, D. G. (2007) *Hexacorallians of the World*. <http://geoportal.kgs.ku.edu/hexacoral/anemone2/index.cfm>. (Consulted most recently 7 November 2007)
- Fautin, D. G., Barber, B. R. (1999) *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.
- Fautin, D. G., Hessler, R. R. (1989) *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.
- Fautin, D. G., White, T. R., Pearson, K. E. (2002) Two new species of deep-water Corallimorpharia (Cnidaria: Anthozoa) from the northeast Pacific, *Corallimorphus denhartogi* and *C. pilatus*. *Pacific Science* 56, 113–124.
- Fischer, P. (1874) Recherches sur les actinies des cotes océaniques de France. *Nouvelles Archives du Muséum d'Histoire Naturelle de Paris*, 10, 193–244.
- Fischer, P. (1887) Contribution a l'Actinologie Française. *Archives de Zoologie Expérimentale et Générale*, 5, 381–442.
- Fischer, P. (1888) Description d'une Nouvelle Espèce du Genre *Edwardsia* Quatrefages. *Bulletin de la Société Zoologique de France*, 13, 22–23.
- Fischer, P. (1889) Nouvelle Contribution à l'Actinologie Française. Première Partie. *Actes de la Société Linnéenne de Bordeaux*, 43, 252–309.
- Forbes, E. (1840) On the British Actiniadae. *Annals and Magazine of Natural History*, 5, 180–184.
- Forbes, E. (1841) Contributions to British actinology. I. On *Kapnea*, a new helianthoid polype. *Annals and Magazine of Natural History*, 7, 81–85.
- Forsskål, P. (1775) *Descriptiones Animalium Avium, Amphibiorum, Piscium, Insectorum, Vermium; Quae in Itinere Orientali Observavit*. Mölleri, Havniæ, 164.
- Fowler, G. H. (1888) Two new types of Actiniaria. *Quarterly Journal of Microscopical Science*, 29, 143–152.
- Fowler, G. H. (1894) *Octineon Lindahli* (W. B. Carpenter): an undescribed anthozoon of novel structure. *Quarterly Journal of Microscopical Science*, 35, 461–480.
- Gaertner, J. (1762) An account of the *Urtica Marina*. *Philosophical Transactions of the Royal Society of London*, 52, 75–85.
- Gosse, P. H. (1853) Notes on some new or little-known marine animals. (No. 2). *Annals and Magazine of Natural History*, 12, 153–159.
- Gosse, P. H. (1855) 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.
- Gosse, P. H. (1856) On *Edwardsia carnea*, a new British Zoophyte. *Annals and Magazine of Natural History*, 18, 219–221.
- Gosse, P. H. (1858a) Characters and descriptions of some new British sea-anemones. *Annals and Magazine of Natural History*, 2, 192–196.
- Gosse, P. H. (1858b) Synopsis of the families, genera, and species of the British Actiniae. *Annals and Magazine of Natural History*, 1, 414–419.
- Gosse, P. H. (1859) Characters and descriptions of some new British sea-anemones. *Annals and Magazine of Natural History*, 3, 46–50.
- Gosse, P. H. (1860) *A History of the British Sea-Anemones and Corals*. Van Voorst, Paternoster Row, London, 362.
- Gosse, P. H. (1865) On *Aegeon alfordi*, a new British sea-anemone. *Annals and Magazine of Natural History*, 16, 41–44.
- Gravier, C. (1916) Sur un type nouveau d'actinie de l'île San Thomé (Golfe de Guinée). *Bulletin du Muséum National*

- d'Histoire Naturelle (Paris)*, 22, 234–236.
- Gravier, C. (1918) 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.
- Haddon, A. C. (1886) First report on the marine fauna of the south-west of Ireland. Actinozoa. *Proceedings of the Royal Irish Academy*, 4, 615–618.
- Haddon, A. C. (1888) 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.
- Haddon, A. C. (1889) A revision of the British Actiniae. Part I. *Scientific Transactions of the Royal Dublin Society*, 4, 297–361.
- Haddon, A. C. (1898) The Actiniaria of Torres Straits. *Scientific Transactions of the Royal Dublin Society*, 6, 393–520.
- Haddon, A. C., Duerden, J. E. (1896) On some Actiniaria from Australia and other districts. *Transactions of the Royal Dublin Society*, 6, 139–172.
- Haddon, A. C., Shackleton, A. M. (1893) Description of some new species of Actiniaria from Torres Straits. *Scientific Transactions of the Royal Dublin Society*, 8, 116–131.
- Haeckel, E. (1876) *Arabische Korallen*. Georg Reimer, Berlin, 49.
- Hand, C. (1955) The sea anemones of central California Part II. The endomyarian and mesomyarian anemones. *Wasmann Journal of Biology*, 13, 37–99.
- Hand, C. (1956) The sea anemones of central California Part III. The acontiarian anemones. *Wasmann Journal of Biology*, 13, 189–251.
- Hand, C. (1961) Two new acontiate New Zealand sea anemones. *Transactions of the Royal Society of New Zealand*, 1, 75–89.
- den Hartog, J. C. (1980) Caribbean shallow water Corallimorpharia. *Zoologische Verhandelingen*, 1–83.
- Hertwig, R. (1882) *Die Actinien der Challenger Expedition*. Gustav Fischer, Jena, 119.
- Hertwig, R. (1888) 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.
- Hiles, I. L. (1899) 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.
- Hutton, F. W. (1879) Contributions to the coelenterate fauna of New Zealand. *Transactions and Proceedings of the New Zealand Institute*, 12, 274–276.
- Ilmoni, (1830) Dr. Ilmoni aus Finnland schickte folgende Beiträge zur Naturgeschichte der Actinien ein. Taf. VII. *Isis von Oken*, 23, 694–699.
- International Commission on Zoological Nomenclature (1985). Opinion 1295: *Actinia* Linnaeus, 1767 and Actiniidae Rafinesque, 1815 (Coelenterata, Actiniaria) and *Pentacta* Goldfuss, 1820 (Echinodermata, Holothuriodea): conserved. *Bulletin of Zoological Nomenclature*, 42, 34–36.
- International Commission on Zoological Nomenclature (1987) *Official Lists and Indexes of Names and Works in Zoology*. International Trust for Zoological Nomenclature, London, 366.
- International Commission on Zoological Nomenclature (1999) *International Code of Zoological Nomenclature*, Fourth Edition. International Trust for Zoological Nomenclature, London, 306.
- Johnson, J. Y. (1861) 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) Illustrations in British Zoology. *Magazine of Natural History*, 5, 163–164.
- Johnston, G. (1838) *A History of the British Zoophytes*. W. H. Lizars, Edinburgh, 341.
- Johnston, G. (1847) *A History of the British Zoophytes*. John Van Voorst, London, 488.
- Jourdan, É. (1880) Recherches zoologiques et histologiques sur les Zoanthaires du Golfe de Marseille. *Annales des Sciences Naturelles*, 10, 1–154.
- Keferstein, W. (1862) Untersuchungen über niedere Seethiere. *Nachrichten von der G. A. Universität und der Königl. Gesellschaft der Wissenschaften zu Göttingen*, 12, 60–71.
- Klunzinger, C. B. (1877) *Die Korallthiere des Rothen Meeres. 1: Die Alcyonarien und Malacodermen*. Gutmann'schen Buchhandlung, Berlin, 98.
- Koch, G. v. (1878) Mittheilungen über Coelenteraten. Zur Phylogenie der Antipatharia. *Morphologisches Jahrbuch*, 4, 74–86.
- Korotneff, (1886) *Polyparium ambulans*. *Zoologischer Anzeiger*, 9, 320–323.
- Kwietniewski, C. R. (1896a) Actiniaria von Ternate, nach den Sammlungen von Herrn Prof. Dr. W. Kükenthal. *Zoologischer Anzeiger*, 19, 388–391.
- Kwietniewski, C. R. (1896b) 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) *Ein Beitrag zur Anatomie und Systematik der Actiniarien*. Universitaet Jena, Jena, 34.

- Kwietniewski, C. R. (1898) Actiniaria von Ambon und Thursday Island. *Zoologische Forschungsreisen in Australien und dem Malayischen Archipelago von Richard Semon*, Gustav Fischer, Jena, 385–430.
- Lager, E. (1911) Actiniaria. *Die Fauna Südwest-Australiens. Ergebnisse der Hamburger südwest-australischen Forschungsreise 1905*, Gustav Vischer, Jena, 215–249.
- Lesson, R. P. (1830) 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, 67–83.
- Le Sueur, C. A. (1817) Observations on several species of the genus *Actinia*; illustrated by figures. *Journal of the Academy of Sciences of Philadelphia*, 1, 149–154, 169–189.
- Linnaeus, C. (1758) *Systema Naturæ. Regnum Animale, 10th Edition*. Laurentii Salvii, Holmiae.
- Linnaeus, C. (1767) *Systema Naturæ*. Laurentii Salvii, Holmiae, 1327.
- López-González, P. J., den Hartog, J. C., García-Gómez, J. C. (1995) *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) 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) 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) Nogle Bémærkninger om de ved de danske Kyster iagttagne Arter af Aktiniernes Gruppe. *Videnskabelige Meddelelser fra Dansk Naturhistorisk Forening (Copenhagen)*, 184–200.
- Lütken, C. (1875) A revised catalogue of the Anthozoa and Calycozoa of Greenland. In: Jones, Rupert T. *et al.*, *Manual of the Natural History, Geology, and Physics of Greenland and the Neighbouring Regions*, Authority of the Lords and Commissioners of the Admiralty, London, 186–187.
- Manuel, R. L. (1981) *British Anthozoa keys and notes for the identification of the species*. Academic Press, London, New York, Toronto, Sydney, San Fransisco, 241.
- Mathew, K., Kurian, C. V. (1979) 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.
- McMurrich, J. P. (1889a) The Actiniaria of the Bahama Islands, W.I. *Journal of Morphology*, 3, 1–80.
- McMurrich, J. P. (1889b) A contribution to the actinology of the Bermudas. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 1889, 102–126.
- McMurrich, J. P. (1893) 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.
- McMurrich, J. P. (1898) 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) 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.
- McMurrich, J. P. (1904) The Actiniæ of the Plate Collection. *Zoologische Jahrbücher*, 6 Suppl., 215–306.
- Migot, A., Portmann, A. (1926) Sur un actiniaire nouveau de la Méditerranée (*Chondranthus denudatum* n. g. n. sp.). *Comptes Rendus de l'Academie des Sciences, Paris*, 182, 87–89.
- Milne Edwards, H. (1857) *Histoire Naturelle des Coralliaires ou Polypes Proprement Dits, vol. 1*. Librairie Encyclopédique de Roret, Paris, 326.
- Milne Edwards, H., Haime, J. (1851) *Archives du Muséum d'Histoire Naturelle*. Gide et J. Baudry, Paris, 502.
- Mitchell, P. C. (1890) *Thelaceros rhizophoræ*, n. g. et sp., an actinian from Celebes. *Quarterly Journal of Microscopical Science*, 30, 551–563.
- Moseley, H. N. (1877) 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.
- Müller, F. (1860) Polypen und Quallen von Santa Catharina. *Archiv für Naturgeschichte*, 26, 57–63.
- Müller, O. F. (1776) *Zoologiæ Danicæ Prodrömus, seu Animalium Danicæ et Norvegiæ Indigenarum Characteres, Nomina, et Synonyma Imprimis Popularium*. Hallageriis, Havnix, 274.
- Neave, S. A. (1939a) *Nomenclator Zoologicus vol. I*. Zoological Society of London, London, 957.
- Neave, S. A. (1939b) *Nomenclator Zoologicus vol. II*. Zoological Society of London, London, 1025.
- Neave, S. A. (1940a) *Nomenclator Zoologicus, vol. III*. Zoological Society of London, London, 1065.
- Neave, S. A. (1940b) *Nomenclator Zoologicus, vol. IV*. Zoological Society of London, London, 758.
- Neave, S. A. (1950) *Nomenclator Zoologicus, vol. V*. Zoological Society of London, London, 308.
- Nordgaard, O. (1905) *Hydrographical and Biological Investigations in Norwegian Fiords*. John Grieg, Bergen, 254.
- Oken, L. (1815) *Lehrbuch der Naturgeschichte*. Bersasser, Jena, 842.
- de Oliveira Pires, D. (1987) *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.

- de Oliveira Pires (1988) *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.
- Panceri, P. (1868) Nuovo genere di polipi actiniarii. *Rendiconto dell' Accademia delle Scienze Fisiche e Matematiche*, no vol., 30–32.
- Panikkar, N. K. (1936) The structure, bionomics, and systematic position of two new brackish-water Actiniaria from Madras. *Proceedings of the Zoological Society of London*, no vol., 229–249.
- Panikkar, N. K. (1937) 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) Studies on *Peachia* from Madras. *Proceedings of the Indian Academy of Sciences*, 7B, 182–205.
- Parulekar, A. (1969) *Neoaiptasia commensali*, gen. et. sp. nov.: an actiniarian commensal of hermit crabs. *Journal of the Bombay Natural History Society*, 66, 57–62.
- Pax, F. (1908) Anthozoa. Die Aktinienfauna Westafrikas. *Denkschriften der Medizinisch-Naturwissenschaftlichen Gesellschaft*, 13, 463–504 [261–302].
- Pax, F. (1912) 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, 1–28.
- Pax, F. (1922) Diagnosen neuer Actiniarien aus der Ausbeute der Deutschen (1901–1903) und der Französischen (1908–1910) Südpolar-Expedition. *Zoologischer Anzeiger*, 54, 74–92.
- Pax, F. (1924) Anthozoen des Leidener Museums. *Zoologische Mededelingen, Leiden*, 8, 1–17.
- Pennant, T. (1777) *A British Zoology*. Benj. White, London, 136.
- Pfeffer, G. (1889) Zur Fauna von Süd-Georgien. *Jahrbuch der Hamburgischen Wissenschaftlichen Anstalten*, 6, 39–55.
- de Quatrefages, A. (1842) Mémoire sur les edwardsies (*Edwardsia*, nob.) nouveau genre de la famille des actinies. *Annales des Sciences Naturelles*, 18, 65–109.
- Quoy, J. R., Gaimard, P. (1833) *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.
- Rathke, H. (1843) Beiträge zur fauna Norwegens. *Nova Acta Academiae Caesareae Leopoldino-Coralinae Naturae Curiosorum*, 20, 137–149.
- Riemann-Zürneck, K. (1978) 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) Two disc-shaped deep sea Anthozoa from the Gulf of Biscay, with a survey of adaptation types in the Actiniaria. *Zoomorphologie*, 93, 227–243.
- Riemann-Zürneck, K. (1986) 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. (1997) 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.
- Riemann-Zürneck, K., Gallardo, V. A. (1990) A new species of sea anemone (*Saccactis coliumensis* n. sp.) living under hypoxic conditions on the central Chilean shelf. *Helgoländer Meeresuntersuchungen*, 44, 445–457.
- Riemann-Zürneck, K., Griffiths, C. L. (1999) *Korsaranthus natalensis* (Carlgren, 1938) nov. comb. (Cnidaria: Actiniaria) a mobile sea anemone attacking octocorals. *South African Journal of Zoology*, 34, 190–196.
- Risso, A. (1826) *Histoire Naturelle des Principales de l'Europe Méridionale*. F.-G. Levrault, Strasbourg, 402.
- Rodríguez, E., López-González, P. J. (2003) *Stephanthus antarcticus*, a new genus and species of sea anemone (Actiniaria, Haloclavidae) from the South Shetland Islands, Antarctica. *Helgoländer Marine Research*, 57, 54–62.
- Roule, L. (1909) Hexactinides. *Expedition Antarctique Française (1903–1905)*, 1–19.
- Rüppell, E., Leuckart, F. S. (1828) *Atlas zu der Reise im Nördlichen Afrika von Eduard Rüppell, Neue Wirbellose Thiere des Rothen Meers*. Heinr. Ludw. Brunner, Frankfurt am Main, 47.
- Sanamyan, N. P. (2001) New and poorly known Actiniaria from the NW Pacific. *Zoosystematica Rossica*, 9, 1–10.
- Sanamyan, N. P., Sanamyan, K. E. (1998) Some Actiniaria from the Commander Islands (Cnidaria: Anthozoa). *Zoosystematica Rossica*, 7, 1–8.
- Sanamyan, N. P., Sanamyan, K. E. (2007) Deep-water Actiniaria from East Pacific hydrothermal vents and cold seeps. *Invertebrate Zoology*, 4, 83–102.
- Sars, M. (1829) *Bidrag til Söedyrenes Naturehistorie*. Christian Dahl, Bergen, 59.
- Sars, M. (1835) *Polypernes, Acalephernes, Radiaternes, Annelidernes og Molluskernes Classer*. Thorstein Hallagers Forlag, Bergen, 81.
- Sars, M. (1851) Beretning om en i Sommeren 1849 foretagen zoologisk Reise i Lofoten og Finmarken. *Nyt Magazin for Naturvidenskaberne*, 6, 121–211.
- Saville-Kent, W. (1893) *The Great Barrier Reef of Australia; Its Products and Potentialities*. W. H. Allen & Co., London, 387.
- Schmarda, L. K. (1852) Zur naturgeschichte der Adria. *Denkschriften der Kaiserlichen Akademie der Wissenschaften*

- (Wien), 4, 117–137.
- Schmidt, H. (1972) Prodrömus zu einer Monographie der mediterranen Aktinien. *Zoologica*, 42, 1–121.
- Schmidt, H. (1979) Beiträge zur Differentialdiagnose, Morphologie und Evolution der Edwardsiidae (Actiniaria, Anthozoa) I. Die Gattung *Alfredus* nov. gen. mit der Typusart *A. lucifugus* (Fischer, 1888). *Sonderdrucke aus der Zeitschrift für Zoologische Systematik und Evolutionsforschung*, 17, 211–220.
- Simon, J. A. (1892) *Ein Beitrag zur Anatomie und Systematik der Hexactinien*. Druck von Val. Hvfling, Kapellenstrasse 3, München, 5–106.
- Sluiter, C. P. (1888) Über zwei merkwürdige Gephyreen aus der Bai von Batavia. *Natuurkundig Tijdschrift voor Nederlandsch Indië*, 48, 233–248.
- Stechow, E. (1921) Neue Genera und Species von Hydrozoen und anderen Evertebraten. *Archiv für Naturgeschichte*, 87, 248–265.
- Stephenson, T. A. (1918a) Coelenterata. Part I. —Actiniaria. *Natural History Reports on British Antarctic (“Terra Nova”) Expedition 1910*, 5, 1–68.
- Stephenson, T. A. (1918b) On certain Actiniaria collected off Ireland by the Irish Fisheries Department, during the years of 1899–1913. *Proceedings of the Royal Irish Academy*, 34B, 106–164.
- Stephenson, T. A. (1920) On the classification of Actiniaria. Part I.—Forms with acontia and forms with a mesogloal sphincter. *Quarterly Journal of Microscopical Science*, 64, 425–574.
- Stephenson, T. A. (1921) 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.
- Stephenson, T. A. (1922) 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.
- Stephenson, T. A. (1925) On a new British sea anemone. *Journal of the Marine Biological Association of the United Kingdom*, 13, 880–890.
- Stephenson, T. A. (1929) A contribution to actinian morphology: the genera *Phellia* and *Sagartia*. *Transactions of the Royal Society of Edinburgh*, 56, 121–139.
- Stephenson, T. A. (1935) *The British Sea Anemones. Volume II*. The Ray Society, London, 426.
- Stimpson, W. (1856a) 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. (1856b) 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) On the anatomy of *Sagartia schilleriana* and *Membranipora bengalensis*, a new coral and a bryozoan living in brackish water at Port Canning. *Journal of the Asiatic Society of Bengal*, 38, 28–63.
- Stuckey, F. G. (1909) 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.
- Studer, T. (1879) Zweite Abtheilung der *Anthozoa polyactinia*, welche während der Reise S. M. S. Corvette Gazelle um die Erde gesammelt wurden. *Monatsberichte der Akademie der Wissenschaften, Berlin*, 25, 524–550.
- Thompson, W. (1853) Description of a new species of *Corynactis*. *Proceedings of the Zoological Society of London*, 21, 107–108.
- Thompson, W. (1858) Remarks on the British Actiniadae, and re-arrangement of the genera. *Proceedings of the Zoological Society of London*, 26, 145–149.
- Tilesius, G. T. (1809) De nova Actiniarum specie gigantea, Kamtschatica. *Memoires de l'Académie Impériale des Sciences de St. Pétersbourg*, 1, 388–422.
- Torrey, H. B. (1902) Papers from the Harriman Alaska Expedition. XXX. Anemones, with discussion of variation in *Metridium*. *Proceedings of the Washington Academy of Sciences*, 4, 373–410.
- Uchida, T. (1932a) Description of a new actinian, *Andwakia Hozawai* n. sp. *Proceedings of the Imperial Academy (Japan)*, 8, 394–396.
- Uchida, T. (1932b) On a new actinian, *Milne-Edwardsia akkeshi* n. sp., from northern Japan. *Annotationes Zoologicae Japonenses*, 13, 571–575.
- Uchida, T. (1938) Actiniaria of Mutsu Bay. *Report of the Biological Survey of Mutsu Bay*, 13, 281–317.
- Uchida, T. (1960) *Carcinactis ichikawai*, n. gen.; n. sp., an actinarian commensal with the crab *Dorippe granulata*. *Japanese Journal of Zoology*, 12, 595–601.
- Verrill, A. E. (1864a) 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. (1864b) 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) 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.
- Verrill, A.E. (1868) 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 1–16].
- Verrill, A.E. (1869a) Review of the corals and polyps of the west coast of America. *Transactions of the Connecticut Academy of Arts and Sciences*, 1, 377–558.
- Verrill, A.E. (1869b) 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 17–69].
- Verrill, A.E. (1879) 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.
- Verrill, A.E. (1880) 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, Anth. *Proceedings of the United States National Museum*, 2, 165–205.
- Verrill, A.E. (1882) 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.
- Verrill, A.E. (1883) 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. (1898) Descriptions of new American actinians, with critical notes on other species, I. *American Journal of Science and Arts*, 6, 493–498.
- Verrill, A.E. (1899a) Descriptions of imperfectly known and new Actinians, with critical notes on other species, II. *American Journal of Science and Arts*, 7, 41–50.
- Verrill, A.E. (1899b) Descriptions of imperfectly known and new Actinians, with critical notes on other species, III. *American Journal of Science and Arts*, 7, 143–146.
- Verrill, A.E. (1899c) Descriptions of imperfectly known and new Actinians, with critical notes on other species, IV. *American Journal of Science and Arts*, 7, 205–218.
- Verrill, A.E. (1899d) Descriptions of imperfectly known and new Actinians, with critical notes on other species, V. *American Journal of Science and Arts*, 7, 375–380.
- Verrill, A.E. (1922) 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) Hawaiian shallow water Anthozoa. *Bernice P. Bishop Museum Bulletin*, 49, 3–30.
- Wassilieff, A. (1908) Japanische Actinien. *Abhandlungen des Mathematischen-Physikalischen Institutes der Kaiserlichen Bayerischen Akademie der Wissenschaften*, Suppl. 1, 1–49.
- Watzl, O. (1922) Die Actinarien der Bahamainseln. *Arkiv für Zoologi*, 14, 1–89.
- Williams, R.B. (1981) 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*, 33, 325–360.
- Wilson, J.B. (1890) On a new actinia, *Hoplophoria coralligens*. *Studies at the Biological Laboratory of the Johns Hopkins University (Baltimore)*, 4, 379–387.
- Wright, T.S. (1856) On two new actinias from Arran. *Proceedings of the Royal Physical Society of Edinburgh*, 1, 70–72.
- Wright, T.S. (1859) Notes on the Irish Actinidæ, etc., with especial reference to their distribution. *Proceedings of the Dublin University Zoological and Botanical Association*, 1, 174–188.
- Wyragévitch, T. (1905) Sur la *Halcampella ostroumowi*, mihi n. sp., trouvée dans la mer Noire. *Travaux du Laboratoire Zoologique et de la Station Biologique de Sébastopol*, 1–14.
- Zamponi, M.O. (1974) *Neoparacondylactis haraldoi* gen. et sp. nov. (Actiniaria, Actiniidae). *Physis (Buenos Aires)*, 33A, 543–547.
- Zamponi, M.O. (1976) Enmienda a la familia Sideractiidae Danielssen 1890 (Anthozoa: Corallimorpharia) con la creacion de *Sphincteractis sanmatiensis* gen. et sp. nov. *Physis (Buenos Aires)*, 35A, 127–133.
- Zamponi, M.O. (1978a) La anemonofauna de Mar del Plata y localidades vecinas II. La anemonas Mesomyaria. (Coelenterata: Actiniaria). *Neotropica*, 24, 21–26.
- Zamponi, M.O. (1978b) Sobre la anemona *Paraisometridium pehuensis*, gen. y sp. nov. (Actiniaria: Metridiidae). *Neotropica*, 24, 117–122.
- Zamponi, M.O. (1980) La anemonofauna de Mar del Plata y localidades vecinas III. Las anemonas Acontaria (Coelenterata Actiniaria). *Neotropica*, 25, 145–154.