

PROCEEDINGS  
OF THE  
BIOLOGICAL SOCIETY OF WASHINGTON

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THE NOMENCLATURE OF THE HYDROMEDUSÆ.

COMPILED BY T. D. A. COCKERELL.

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The list given below is compiled from Dr. A. G. Mayer's "Medusæ of the World," in the same manner as that of the Scyphomedusæ previously published (Proc. Biol. Soc. Wash., XXIV, p. 7).<sup>\*</sup> Like the other list, it has been very kindly scrutinized by Dr. Mayer, who has made a number of suggestions. Owing to the difficulties inherent in the classification of the Hydromedusæ, the list is to be considered provisional, but as it is based on Dr. Mayer's monograph, while at the same time correcting a number of nomenclatural errors, it should be serviceable. The type-species is cited after each generic name.

Order ANTHOMEDUSÆ.

Fam. SARSIIDÆ [Codonidæ].

Subf. SARSIINÆ.

Tribe Pachycordylini.

*Pachycordyle* Weismann.

*napolitana* Weismann.

Tribe Amalthæini.

*Amalthæa* Schmidt.

*uvifera* Schmidt.

Tribe Pennariini.

*Pennaria* Oken.

*pennaria* (L.).

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<sup>\*</sup>In the list of Scyphomedusæ are a few errors, unfortunately overlooked by me, but detected by Dr. Mayer, as follows: p. 8, read *Tesserantha connectens*; p. 9, read *Kishinouyea*; p. 10, read *Drymonema*; p. 12, read *Eupilema scapulare*. Also for Pér. & Less. read Pér. & Les.

## Tribe Trichorhizini.

*Trichorhiza* Russell.*brunnea* Russell.

## Tribe Steenstrupiini.

*Steenstrupia* Forbes.*rubra* Forbes.*Hybocodon* L. Ag.*prolifer* L. Ag.*Microcampana* Fewkes.*conica* Fewkes.

## Tribe Dicodoniini.

*Dicodonium* Haeck.*cornutum* Haeck.

## Tribe Sarsiini.

*Sarsia* Lesson.*tubulosa* Lesson.*Moerisia* Bouleng.*lyonsi* Bouleng.*Hydrichthys* Fewkes.*mirus* Fewkes.*Eucodonium* Hartlaub.*brownei* Hartlaub.*Ectopleura* L. Ag.*dumortieri* (Van Bened.).*Linvillea* Mayer. [*Corynitis* McCrady,  
preocc.]*agassizii* (McCrady).*Dipurena* McCrady. [*Slabberia* Forbes,  
preocc.]*strangulata* McCrady.

## Subf. MARGELOPSINÆ.

*Margelopsis* Hartlaub.*haeckelii* Hartlaub.*Pelagohydra* Dendy.*mirabilis* Dendy.

## Fam. CLADONEMIDÆ.

## Subf. PTERONEMINÆ.

*Zanclea* Gegenbaur.*costata* Gegenbaur.



*Zancleopsis* Hartlaub.  
*dichotoma* (Mayer).

*Pteronema* Haeck.  
*darwinii* Haeck.

*Eleutheria* Quatref.  
*dichotoma* Quatref.

*Mnestra* Krohn.  
*parasites* Krohn.

Subf. CLADONEMINÆ.

*Ctenaria* Haeck.  
*ctenophora* Haeck.  
*Cladonema* Duj.  
*radiatum* Duj.  
*Dendronema* Haeck.  
*stylo dendron* Haeck.  
*Urashimea* Kishinouye.  
*globosa* Kishinouye.

Fam. CYTÆIDÆ.

Subf. PANDEINÆ.

Tribe Protiarini.

*Protiaira* Haeck.  
*tetranema* (Pér. & Les.).  
*Heterotiaira* Maas.  
*anonyma* Maas.

Tribe Stomotocini.

*Stomotoca* L. Ag.  
*dinema* (Pér. & Les.).  
*Dissonema* Haeck.  
*saphenella* Haeck.

Tribe Pandeini.

*Pandea* Lesson.  
*conica* (Quoy & Gaim.).  
*Conis* Brandt.  
*mitrata* Brandt.  
*Clavula* Wright.  
*neglecta* (Less.); syn. *gossei* Wright.

Subf. CYTÆINÆ.

Tribe Cytæini.

*Cytæis* Eschsch.  
*tetrastyla* Eschsch.

*Podocoryne* Sars.

*carnea* Sars.

*Turritopsis* McCrady.

*nutricula* McCrady.

*Modeeria* Forbes.\*

*formosa* Forbes.

*Stylactis* Allm.

*fuciola* (Sars).

Tribe Limnorea.

*Thamnostylus* Haeck.

*dinema* Haeck.

*Thamnitis* Haeck.

*tetrella* Haeck.

*Lymnorea* Pér. & Les.

*triedra* Pér. & Les.

Tribe Bougainvilliini.

*Bougainvillia* Less.

*bougainvillii* (Less.); syn. *macloviana*  
Less.

*Nemopsis* L. Ag.

*batchi* L. Ag.

*Rathkea* Brandt.

*blumenbachii* (Rathke).

*Chiarella* Maas.

*centripetalis* Maas.

Subf. PROBOSCIDACTYLINÆ.

Tribe Bythotiariini.

*Bythotiara* Günth.

*murrayi* Günth.

*Calycopsis* Fewkes.

*typa* Fewkes.

*Niobia* Mayer.

*dendrotentacula* Mayer.

Tribe Proboscidactylini.

*Proboscidactyla* Brandt.

*flavicirrata* Brandt.

*Willsia* Forbes.

*sellata* Forbes.

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\* For the *Oceania* of Mayer's monograph I had proposed to use *Callitiara* Haeck, on account of the uncertainty which seemed to surround *Modeeria*. Dr. Mayer, however, advises the use of *Modeeria*.



Order LEPTOMEDUSÆ.

Fam. CANNOTIDÆ.

Subf. MELICERTINÆ.

*Tetranema* Haeck.

*eucopium* Haeck.

*Laodicea* Less.

*cruciata* (Forsk.).

*Melicerum* Oken.

*campanula* Oken.

*Melicertissa* Haeck.

*clavigera* Haeck.

*Orchistoma* Haeck.

*pileus* (Less.); syn. *steenstrupii*  
Haeck.

*Timoides* H. B. Bigelow.

*agassizii* H. B. Bigelow.

Subf. POLYORCHIDINÆ.

*Staurodiscus* Haeck.

*tetrastaurus* Haeck.

*Ptychogena* A. Ag.

*lactea* A. Ag.

*Polyorchis* A. Ag.

*penicillata* (Eschsch.).

*Scrippsia* Torrey.

*pacifica* Torrey.

*Spirocodon* Haeck.

*saltatrix* Haeck.

Subf. CANNOTINÆ.

*Cannota* Haeck.

*dodecantha* Haeck.

*Cuvieria* Pér.

*carisochroma* Pér.

*Dichotomia* Brooks.

*cannoides* Brooks.

*Dipleurosoma* Axel Boeck.

*typicum* Axel Boeck.

*Toxorchis* Haeck.

*arcuatus* Haeck.

*Netocertoides* Mayer.

*brachiatum* Mayer.

## Fam. EUCOPIIDÆ.

## Subf. EUCOPIINÆ.

*Eucopella* v. Lendenf.*bilabiata* (Coughtrey).*Agastra* Hartl.*mira* Hartl.*Eucopium* Haeck.*pictum* (Keferst. & Ehlers.).*Obelia* Pér. & Les.*marina* (Slabber).\**Tiaropsis* L. Ag.*multicirrata* (Sars).*Acosmetira* n. n.( *Cosmetira* Hartlaub, not Forbes).*pilosella* (Forbes).

## Subf. CLYTIINÆ.

*Clytia* Lamx.*volubilis* (Ellis & Soland.).*Phialidium* Leuckart.†*hemisphaericum* (Pér. & Les.)*Phialopsis* Torrey.*diegensis* Torrey.*Phialucium* Maas.*virens* (Bigelow).*Blackfordia* Mayer.*manhattensis* Mayer.*Pseudoclytia* Mayer.*pentata* Mayer.*Gastroblasta* Keller.*timida* Keller.*Eucheilota* McCrady.*ventricularis* McCrady.*Mitrocoma* Haeck.*annæ* Haeck.

\*Some of Slabber's names have been rejected, not being binomial, but the present one is truly so, Dr. Mayer informs me.

†For *Phialidium* I had substituted the much earlier name *Thaumantias* Eschsch., with the same type-species, but as the case is not clear, I retain *Phialidium* in the list. I thought that *Oceania* Pér. & Les., with the same type, might be available, following Agassiz. Dr. Mayer tells me that Leuckart in 1856 applied *Oceania* to what we now call *Clavula*, the *Oceania coccinea* Leuck. being *Clavula pileata* (Forsk.). It will be necessary to reexamine the older authors to settle this case, but it seems improbable that *Phialidium* can stand.



*Staurophora* Brandt.  
*mertensii* Brandt.

## Subf. EUTIMINÆ.

*Saphenia* Eschsch.  
*bitentaculata* (Quoy. & Gaim.).  
*Eutima* McCrady.  
*mira* McCrady.  
*Eutonina* Hartlaub.  
*socialis* Hartlaub.

## Subf. EIRENINÆ.

*Phortis* McCrady.  
*gibbosa* McCrady.  
*Irenopsis* Goette.  
*hexanemalis* Goette.  
*Eirene* Eschsch.  
*viridula* (Pér. & Les.).  
*Tima* Eschsch.  
*flavilabris* Eschsch.

## Fam. ÆQUOREIDÆ.

*Octocanna* Haeck.  
*polynema* Haeck.  
*Octogonade* Zoja.  
*mediterranea* Zoja.  
*Stomobrachium* Brandt.  
*lenticulare* Brandt.  
*Halopsis* A. Ag.  
*ocellata* A. Ag.  
*Æquorea* Pér. & Les.  
*æquorea* (Forsk.).  
*Rhacostoma* L. Ag.  
*globulare* (Modeer); syn. *atlanticum*  
L. Ag.  
*Zygocanna* Haeck.  
*pleuronota* (Pér. & Les.).  
*Zygocannula* Haeck.  
*undulosa* (Pér. & Les.)

## Order TRACHYMEDUSÆ.

## Fam. OLINDIIDÆ.

*Gonionemus* A. Ag.*vertens* A. Ag.*Cubaia* Mayer.*aphrodite* Mayer.*Vallentinia* Browne.*falklandica* Browne.*Olindias* F. Müll.*sambaquiensis* F. Müll.*Olindiodes* Goto.*formosa* Goto.

## Fam. PETASIDÆ.

*Petapus* Haeck.*atarus* Haeck.*Aglauropsis* F. Müll.*agassizii* F. Müll.*Craspedacusta* Lank.*sowerbii* Lank.*Microhydra* Potts.*ryderi* Potts.*Mæotias* Ostroumoff.*inexpectata* Ostroumoff.*Gossea* L. Ag.\**corynetes* (Gosse).

## Fam. LIMNOCNIDIDÆ.

*Limnecnida* Günth.*tanganjicæ* Günth.

## Fam. PTYCHOGASTRIIDÆ.

*Ptychogastria* Allm.*polaris* Allm.

## Fam. TRACHYNEMIDÆ.

## Subf. TRACHYNEMINÆ.

*Trachynema* Gegenb.*ciliatum* Gegenb.*Sminthea* Gegenb.*eurygaster* Gegenb.

\* *Gossea* Bate, in Crustacea, is of the same year (1862). Dr. Mayer has looked this up, and decides that Agassiz has priority.



*Homoeonema* Maas.

*typicum* Maas.

*Tetrorchis* H. B. Bigelow.

*erythrogaster* H. B. Bigelow.

*Pantachogon* Maas.

*hæckelii* Maas.

*Halicreas* Fewkes.

*minimum* Fewkes.

*Halitrephes* H. B. Bigelow.

*maasi* H. B. Bigelow.

*Botrynema* Browne.

*brucei* Browne.

*Crossota* Vanhöff.

*brunnea* Vanhöff.

Subf. AGLAURINÆ.

*AgLaura* Pér. & Les.

*hemistoma* Pér. & Les.

*AgLantha* Haeck.

*digitalis* (Pér. & Les.).

*Amphogona* Browne.

*apsteini* (Vanhöff.).

*StauragLaura* Haeck.

*tetragonima* Haeck.

*Persa* McCrady.

*incolorata* McCrady.

Fam. GERYONIIDÆ.

*Liriope* Less.

*exigua* (Quoy. & Gaim.); syn.

*cerasiformis* Less.

*Geryonia* Pér. & Les.

*proboscidalis* (Forsk.).

Order NARCOMEDUSÆ.

Fam. SOLMARIDÆ.

*Solmaris* Haeck.

*leucostyla* (Will.)

*Pegantha* Haeck.

*pantheon* Haeck.

## Fam. ÆGINIDÆ.

*Ægina* Eschsch.*citrea* Eschsch.*Solmundella* Haeck.*bitentaculata* (Quoy. & Gaim.).*Hydroctena* Dawydoff.*salenskii* Dawydoff.*Cunoctantha* Haeck.*octonaria* (McCrady).*Æginura* Haeck.*myosura* Haeck.*Æginopsis* Brandt.*laurentii* Brandt.*Cunina* Eschsch.*globosa* Eschsch.*Solmissus* Haeck.*albescens* (Gegenb.).*Cunissa* Haeck.*polyporpa* Haeck.*Æginodiscus* Haeck.*actinodiscus* Haeck.





Cockerell, Theodore D. A. 1911. "The nomenclature of the Hydromedusae." *Proceedings of the Biological Society of Washington* 24, 77–86.

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