

PROCEEDINGS
OF THE
BIOLOGICAL SOCIETY OF WASHINGTON

THE NOMENCLATURE OF THE HYDROMEDUSÆ.

COMPILED BY T. D. A. COCKERELL.

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).^{*} 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.).

^{*}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.).
Heterotiara 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 Bythotiarini.

Bythotia Günth.

murrayi Günth.

Calycopsis Fewkes.

typa Fewkes.

Niobia Mayer.

dendrotentacula Mayer.

Tribe Proboscidae.

Proboscidea Brandt.

flavicirrata Brandt.

Willsia Forbes.

sellata Forbes.

* For the *Oceania* of Mayer's monograph I had proposed to use *Callitara* 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.
Aglauroopsis 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."
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