

# Prodromus neapolitanae actiniarum faunae addito generalis actiniarum bibliographiae catalogo.

Auctore

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## Praefatio.

Cum olim iconum, quae de actiniis neapolitanis extant, paucitatem et defectus mecum in animo considerarem et ingratum simul earum interpretationis laborem experirer, intellexi pubblicae utilitatis futurum opus, si, praestantis GOSSEI in anglicis actiniis exemplum utcumque secutus, ad monographiam partenopearum perficiendam incumberem: hanc enim ad stabiliendas species, praecavendosque errores certissimam esse viam censui, quaeque ad cultiorem ex aquo penitoremque actiniarum cognitionem duceret. — Tot exinde sobolis specimina colligenti, quae Neapolis mare, haud in his ut fertur pauperculum, suppeditat, ingens brevi specierum copia innotuit, quas deinceps jam iconice et graphicce descripsi: et, si quid dummodo navare et efficere possum, anatomice quoque investigare pedetentim satago. — Nata sic sensim est series haec, quae, extantibus et specierum certitudine, nisi omnia me fallunt, et adumbrationum fidelitate, synonymorumque divitiâ locupletior est. Et quam nunc ut Synopsin, tamquam futuri laboris promissionem, normamque in observando mihi et aliis non inutiliter praelucentem et tamquam iconographici, quod molior, operis (in Zoologicae Stationis Fauna et Flora edendi) prodromum, sistere in animum induxi. — Enchiridion mole, formâque porro publici indignum, Horatiani »nonum promatur in annum memor, nondum typis committerem nisi duplex rerum necessitas (et ut, nempe, viris, quibus jure interest, pateat me otii non delectasse et ut propemodum doctissimi actinologiae cultores me benevolentि animo sodalem excipient et auxilio, quod exposco, foveant) hoc non suadere modo sed poscere videretur.

Actinias quae hue enumerantur, si, lector, diligenter circumspicis, quinquaginta et unam invenies species (absque varietatum copia) inter genera viginti quinque dispositas. Earum nonnullas, viginti et duo scilicet, priscis jam hujus maris ab observatoribus descriptas, per paucas, viginti et unam ex exteris tantum regionibus hactenus proprias, reliquas denique, octo, nondum visas esse inveni.

Has, octo nempe, non illicio fortasse a te, lector, benigne excipiuntur, nam facilius est, cogitabis, et recte, novas statuere species quam descriptas recognoscere. Ne tamen, in eo versaris! Nam primum ego vanae gloriolae studio potius innotescere quam veris et ex rerum naturâ depromtis observationibus prodesse nunquam malui. Tum, sicut species omnes ex investigatione propria semper descripsi et, ne nimis promptus in condendis speciebus forem, plurimis speciminibus diagnosis specificam tribui; ita ubi novam statui speciem id ibi evidentiâ tantum insiti characteris commotus feci.

Quae autem descriptae verum sed hactenus Neapoli irreptae fuerant nullam pro se postulant rationem, quod addita synonymorum copia curam prodit, qua extantes descriptiones et icones consului et contuli.

Per pauca pro loco potius de iis expendam, quae jam olim pro neapolitanis habitae sunt. Naturae curiosi, praevertam, sparsim et excerptim tantum de locali actiniarum fauna scripserunt tradideruntque. IMPERATUS (1599) vix nomen leviter attingit; MACRYS (1778, 1819) duas, CAVOLINIUS quatuor, GRUBIUS (1840) tres provulgant species. Accuratissimus et subtilitate atque acumine observationum supereminens DELLE CHIAJE fusius tributum contulit; sed ex eo tempore, nisi per breves PANCERII (1868, 1869) descriptiones et DE KOCHII (1879) pagellas excipias, nullum ulterius de actiniis neapolitanis verbum in lucem prodiit. — Quomodo cumque, traditum hue sequitur thaesaurum:

Actinia crassicornis <i>D. Ch.</i>	scilicet	Anemonia sulcata . . . . .	hujus enchiridii
A. edulis <i>Cav.</i> . . . . .	-	Anemonia sulcata var. . . . .	-
A. pedunculata <i>D. Ch.</i> . . .	-	Bunodes Ballii . . . . .	-
A. crystallina <i>Cav.</i> . . . . .	-	? . . . . .	-
A. effoeta <i>D. Ch.</i> . . . . .	-	Calliactis effoeta . . . . .	-
A. Rondeletii <i>D. Ch.</i> . . . . .	-		-
A. carcinopados <i>D. Ch.</i> . . .	-	Adamsia palliata . . . . .	-
A. aurantiaca <i>D. Ch.</i> . . . .	-	Cereactis aurantiaca . . . . .	-
A. Cari <i>D. Ch.</i> . . . . .	-	Actinia cari . . . . .	-
A. rubra <i>D. Ch.</i> . . . . .	-	Act. mesembryanthemum	-
A. elongata <i>D. Ch.</i> . . . . .	-	Heliactis viduata . . . . .	-
A. bellis <i>D. Ch.</i> . . . . .	-	Heliactis bellis . . . . .	-
A. diaphana <i>D. Ch.</i> . . . . .	-	Ilyanthus diaphanus . . . . .	-

<i>Actinia hyalina</i> D. Ch.	scilicet	?	hujus	enchoridii
<i>A. rufa</i> D. Ch.	-	?	...	-
<i>A. bimaculata</i> Grube	-	Bunodes gemmacea	...	-
<i>A. Chamaeleon</i> Grube	-	Aiptasia Chamaeleon	...	-
<i>A. elongata</i> Grube	-	Cerianthus membranaceus	-	-
<i>Cerianthus cornucopiae</i> D. Ch.	-	Cerianthus membranaceus	-	-
<i>C. Brerae</i> D. Ch.	-	C. solitarius	...	-
<i>C. actinoides</i> D. Ch.	-	Ilyanthus stellatus	...	-
<i>Cladactis Costae</i> Panc.	-	Cladactis Costae	...	-
<i>Halecampa Claparèdii</i> Panc.	-	Edwardsia Claparèdii	...	-
<i>Gephyra Dohrnii v. Koch</i>	-	Gephyra Dohrnii	...	-
<i>Madreporea deundata</i>	-	Mammillifera denudata	...	-
<i>Zoanthus lobatus</i> D. Ch.	-	Zoanthus lobatus	...	-
<i>Z. arenaceus</i> D. Ch.	-	Polythoa arenacea	...	-

Ex hoc patet me tres harum species, *Act. crystallinam*, *Act. hyalinam*, *Act. rufam*, non reperisse. Haec nullius tamen momenti res est, quod earum prima et altera uni eidemque formae, et vero larvali cujusdam speciei stadio, sane pertinent, dum tertia obscurâ eomodo diagnosis statuta est ut nunquam iterum tute recognoscetur; quod omnes igitur, quin moereatur, plane reiicendas esse videntur.

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Antequam ad specierum enumerationem veniam prorsus necessarium esse reor nonnulla praemittere quae ad earum distributionem pertinent; scilicet synopticam localitatum seriem addere e quibus crebro specimina obtinui:

Carmine	Paractis rugosa
Molo vecchio	Paractis comata, Bunodes sabelloides, Aiptasia Chamaeleon
Molo nuovo	Helictactis troglodytes
Santa Lucia	Helictactis bellis, Hel. troglodytes, Hel. viduata, Phellia armata, Cerianthus solitarius
Castello dell' uovo	Cerianthus membranaceus var. $\alpha$
Villa Nazionale	Cerianthus membr. var. $\alpha$ , $\beta$ , $\gamma$
Mergellina	Anemonia sulcata, var. $\zeta$ , Ilyanthus diaphanus, Cerianthus, Helictactis viduata
Secca di Chiaja	Gephyra Dohrnii, Phellia, Edwardsia Claparèdii
Palazzo di Donn' Anna	Phellia limicola, Peachia triphylla, Halecampa
S. Pietro e due Frati	Actinia Cari, Bunodes gemmaceus, Aiptasia turgida, Helictactis bellis, Anemonactis magnifica
Punta di Posillipo	Helictactis viduata, Cereactis aurantiaca, Bunodes crassus, Ilyanthus diaphanus, Edwardsia Claparèdii, Ilyactis torquata
Marepiano	Bunodes gemmaceus
Gajola	Aiptasia saxicola, Helictactis bellis

Grotta dei Tuoni	Bunodes gemmaceus
Secca della Gajola	Phellia nummus, Aurelianaria augusta
Secca di Bendapalumbo	Phellia timida, Edwardsia Claparèdii, Ilyanthus stellatus, Gephyra Dohrnii
Lazzaretto di Nisita	Actinia mesembryanthemum
Grotta di S. Giov. a Nisita	Anemonia sulcata
Porto di Nisita	Aiptasia turgida
Castello d' Ischia	Aiptasia chamaeleon
Secca di Forio	Phellia cylinder, Edwardsia Claparèdii
Faraglioni di Capri	Phellia nummus
Ponza	Phellia nummus.

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His perspectis et cognitis, systematicum iter ingredi licet. Vale,  
candide lector, et observationibus quae tibi traditurus sum fruere.

Neapoli, Idibus Septembris MDCCCLXXX.

## Catalogus specierum systematicus.

### Actinozoa malacodermata.

- Zoanthaires, *Blainville* 1830 (abs. Gen. Lucernaria).  
 Zoocorallia polyactinia, *Ehrenberg* 1834 (abs. Trib. Fungina).  
 Helianthoida, *Johnston* 1838 (abs. Gen. Lucernaria), *Forbes* 1840 (id.).  
 Polypa actinia, *Delle Chiaje* 1841 (abs. Gen. Caryophyllea).  
 Zoanthaires malacodermés, *Milne Edwards* 1857.  
 Polycyclia enallonemata malacodermata et Polycyclia paranemata, *Bronn* 1859.  
 Actinaria, *Gosse* 1860 (abs. Trib. Caryophyll. [pars], Madrepor. Antipath.).  
 Actinaria, *Verrill* 1865 (abs. Subord. Antipathacea).  
 Actinaria, *Verrill* 1866.  
 Malacodermen, *Klunzinger* 1877.
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Animalia coelenterata multi-septata, corpore solitario, rarius gregario molli vel  
granulis lapideis instructo, tentaculato.

### A. Actininae.

- Zoanthaires mons, *Blainville* 1830 (abs. Gen. Lucernaria et Moschata).  
 Actinina, *Ehrenberg* 1834 (abs. Gen. Lucernaria).  
 Actinia (genus), *Delle Chiaje* 1841.  
 Actinidae, *Milne Edwards* 1857 (abs. Gen. Edwardsia et Trib. Zoanthinae).  
 Astraceae, *Gosse* 1860 (abs. Gen. Edwardsia et Cerianthus).  
 Actinacea, *Verrill* 1865 (abs. Gen. Edwardsia et Cerianthus).  
 Actinaria, *Verrill* 1866 (abs. Fam. Cerianthidae et Zoanthidae, nec non Gen.  
 Edwardsia).  
 Actinidae, *Klunzinger* 1877.
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Actinozoa malacodermata, solitaria, mollia; tentaculis multis, simplicibus vel compositis, ordine unico marginali dispositis.

α) *Thallastianthinae*

(non Neapolitanæ).

Actininae tentaculis ramosis, acervulatis, dendriticis.

β) *Phyllactiniae*

(Neapolis sinu ignotæ).

Actininae tentaculis variis; aliis simplicibus, aliis multifidis, palmatis, acervulatisque.

γ) *Myniadanae*

(Parthenopeo mari desunt).

Actininae tentaculis simplicibus, basi nectocystide instructa.

δ) *Actiniae*.

Actininae, *Milne Edwards* 1857 (abs. Gen. *Edwardsia*).

Actiniana, *Bronn* 1859 (abs. Gen. *Edwardsia*).

Astraeacea, *Gosse* 1860 (abs. Fam. Metridiidae et Myniadidae, nec non Gen. *Edwardsia* et *Cerianthus*).

Actinidae, *Verrill* 1862 (abs. Subfam. *Phyllactinæ*).

Actininae tentaculis simplicibus, basi absque nectocystide.

### Fam. 1a. Actinidae.

Actiniae generis pars, *Blainville* 1830.

- - - *Ehrenberg* 1834.

- - - *Delle Chiaje* 1841.

Actinines vulgaires, *Milne Edwards* 1857 (abs. Gen. *Capnea*, *Corynactis* *Heteractis*, *Melactis*).

Actiniadae, *Gosse* 1858.

Actiniadae et Antheadae, *Gosse* 1860 (abs. Gen. *Aiptasia*).

Actininae subfam. et Antheidae, *Verrill* 1862.

Actininae, *Verrill* 1868—71 (abs. Gen. *Corynactis* et *Aiptasia*), *Klunzinger* 1877.

Actinianae fixae; columnâ laevi, imperforata; acontiis nullis; tentaculis subuliformibus vel cylindro-acuminatis.

### Gen. I. Actinia.

*Urtica* (pars), *Belon*, *Rondelet*, *Gesner*, *Aldrovandus*, *Tabernaemontanus* etc.

*Urtica* (pars), *Linnaeus* 1753.

*Priapus* (pars), *Linnaeus* 1758, *Baster* 1762, *Forskael* 1776.

*Hydra* (pars), *Gaertner* 1762, *Gmelin* 1788.

*Actinia* (pars), *Linnaeus* 1766, *Ellis* 1767, *Brown* 1776, *Müller* 1776, *Pennant* 1777, *Ellis* et *Solander* 1786, *Linnaeus-Gmelin* 1788, *Cuvier* 1798, *Oken* 1815, *Delle Chiaje* 1825 etc. etc.

*Actinia Eutaemaea* (pars), *Ehrenberg* 1834.

*Actinia*, *Milne Edwards* 1857, *Bronn* 1859, *Gosse* 1860, *Verrill* 1862, *Klunzinger* 1877.

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Actinidae chromophoris discretis, tentaculis retractilibus, parvis.

### Sp. 1. *Actinia equina*.

- Syn.** 1551, *Urtica rubra*, *Belon*, Aq., p. 342.  
 1554, - - *Rondelet*, Aq., lib. 17. p. 381.  
 1556, - - *Gesner*, Aq., p. 1240.  
 1590, ? - *marina*, *Tabernaeumontanus*, p. 1122.  
 1606, - *rubra*, *Aldrovandus*, p. 568.  
 1650, - - *Jonston*, tab. 18. fig. 2.  
 1700, *Ortie de mer*, *Réaumur*, p. 466, tab. 10. fig. 22, 23.  
 1735, *Urtica* (?) *marina*, *Linnaeus*.  
 1748, *Medusa species prima*, *Hill*.  
 1754, *Tethys* (*mentula*) *semiovatus*, *Linnaeus*, vol. 1. p. 93.  
 1758, *Priapus equinus*, *Linnaeus*, p. 656.  
 1760, *Hydra disciflora* *mesembryanthemum*, *Gaertner*, p. 83, tab. 1. fig. 5.  
 1762, *Priapus equinus*, *Paarde-schaft*, *Baster*, vol. 2. p. 139. tab. 13. fig. 2.  
 1766, *Actinia equina* *semiovalis*, *Linnaeus*, p. 1088. num. 1.  
 1773, *Anémone de la première espèce*, *Dicquemare*, vol. 63. p. 634. tab. 16. fig. 1, 2.  
 1776, *Actinia subfuscata* *mollis*, *Brown*, p. 787.  
 — *Actinia equina*, *Müller*, *Prodr*. p. 231. num. 2793.  
 — *Priapus ruber*, *Forskael*, p. 101. tab. 17. fig. 4.  
 1786, *Actinia Mesembrianthemum*, *Ellis et Solander*, p. 4.  
 1788, - *rufa*, *Müller*, *Zool.*, vol. 1. p. 23. tab. 23. fig. 1, 2, 3.  
 — - (?) *rufa*, *Linnaeus-Gmelin*, p. 3131.  
 — - *Mesembrianthemum*, *Id.*, p. 3868.  
 1789, ? - *iris*, *Müller*, *Zool.* vol. 3. p. 3. tab. 82. fig. 5, 6.  
 — ? - *fiscella*, *Müller*, *Zool.* vol. 3. p. 13. tab. 88. fig. 3.  
 1798, - *purpurea*, *Cuvier*, p. 653.  
 1804, - *rubra*, *Renier*, *Prodr*. p. 22.  
 1807, - *mesembryanthemum*, *Turton*, p. 130.  
 1812, - *hemisphaerica*  
 — - *equina*  
 — - *anemone*  
 — - *rufa* } *Pennant*, *Zool.* vol. 4. p. 104, 105, 106.  
 1816, ? - *rufa*, *Lamarck*, vol. 3. p. 67.  
 — ? - *rufa*, *Cuvier*, *Dict.*, vol. 1. p. 249.  
 1823, - *rubra*, *Delle Chiaje*, vol. 4. p. 242, 283. tab. 17. fig. 1.  
 1824, - - *Encyclop. méth.* p. 13. tab. 73. fig. 3.  
 1826, - *corallina*, *Risso*, p. 285.  
 1829, - *Mesembryanthemum*, *Rapp*, p. 52. tab. 2. fig. 1.  
 — ? - *rufa*, *Rapp*, p. 53.  
 1830, - *rubra*, *Blainville*, p. 292.  
 1831, - *rubra*, *Gravenhorst*, p. 131.

- Syn.** 1834, ? *Actinia Entactema mesembryanthemum*, *Ehrenberg*, *Roth*, p. 34.  
 1836, - *margaritifera*, *Templeton*, vol. 9. p. 304. fig. 50.  
 — ? - *zonata*, *Rathke*, p. 140.  
 1838, - *mesembryanthemum*, *Couch*, vol. 3. p. 74.  
 1840, - - *Grube*, p. 10.  
 — - *rufa*, *Roget*, p. 195, fig. 86, 87.  
 1841, - *rubra*, *Delle Chiaje*, vol. 4. p. 126, vol. 5. p. 135. tab. 153. fig. 1.  
 1844, - *equina*, *Contarinii*, p. 69. tab. 1 a, 2.  
 — - *rubra*, - p. 79. tab. 3 a, b, c.  
 1847, - *mesembryanth.*, *Johnston*, vol. 1. p. 210. tab. 36. fig. 1, 3.  
 — - *margaritifera*, *id.*, vol. 1. p. 213. fig. 46.  
 — - *chiococca*, *id.*, vol. 1. p. 210. tab. 36. fig. 4—6.  
 1848, - *mesembryanth.*, *Dalyell*, vol. 2. p. 203. tab. 45, 47. fig. 1—7.  
 — - *cerasum*, *id.*, vol. 2. p. 219. tab. 46. fig. 1—5.  
 1851, - - . } *Cocks*, p. 5. tab. 1. fig. 7—11, 15.  
 — - *margaritifera* } *id.* p. 5.  
 — - *chiococca* } *id.* p. 5. tab. 1. fig. 14.  
 1854, - *equina* (exondante), *Hollard*, p. 12, 23.  
 — - *mesembryanth.*, *Gosse*, Aq. tab. 2.  
 1855, - - *Jordan*, p. 82.  
 — - - *Gosse*, Linn. Tr., p. 274, *Gosse*, Man. Mar. p. 30. fig. 43.  
 1856, - - *Gosse*, Tenby, p. 370.  
 — - - } *Tugwell*, p. 52.  
 — - *fragacea* } *id.* p. 53. tab. 5.  
 1857, - *equina*  
 — - *margaritifera* }  
 — - *fiscella*  
 — - *Forskallii* } *Milne Edwards*, p. 239, 240, 241.  
 — - *cerasum* }  
 — - *chiococca*  
 1860, - *mesembryanthemum*, *Gosse*, Actinol. p. 175. tab. 6. fig. 1—7.  
 1872, - *equina*, *Lacaze Duthiers*, Arch. vol. 1. p. 303.  
 1875, - - *Fischer*, Compt. R. vol. 86. p. 1207.

**Descr.** — *Actinia oncu hemisphaerico*.

**Hab.** — Pluribus e Gulti brevibus, sinubus, rupibusque; superficiem maris saxis adnata diligit.

**Varietates:** *a) rubra* = corpore rubro, chromophoris coeruleis.

*b) coccinea* = corpore coccineo, chromophoris albescen-tibus. *Delle Chiaje*.

*c) castanea* = corpore castaneo, chromophoris luteolis.

**Observ.:** Hujus speciei nomina compluria a variis auctoribus data reiicienda esse censeo.

### Sp. 2. *Actinia Cari*.

**Syn.** 1823, *Actinia Cari* (castagnara), *Delle Chiaje*, vol. 2. p. 243.

1826, - *concentrica*, *Risso*, vol. 5. p. 286.

- Syn.** 1829, *Actinia Cari*, *Delle Chiaje*, vol. 17. p. 472.  
 — — ?*depressa*, *Rapp*, p. 58. tab. 3. fig. 4.  
 1830, — *Cari*, *Blainville*, p. 292.  
 1831, — *adspersa*, *Gravenhorst*, p. 127.  
 1834, — *Entacmaea mesembryanthemum*, *Ehrenberg*, p. 34.  
 1836, ? — *zonata*, *Rathke*, p. 140.  
 1837, — *adspersa*, *Deshayes* in *Lamarek* vol. 1. p. 540.  
 1840, — *adspersa*, *Grube*, p. 10.  
 1841, — *Cari*, *Delle Chiaje*, vol. 4. p. 126, [vol. 5. p. 138. tab. 153. fig. 2.  
 1844, — *concentrica*, *Contarini*, p. 83. tab. 3 d, e, f.  
 1849, ? — *tabella*, *Drayton* in *Dana*, Expl. tab. 2. fig. 9 a, b.  
 — — *graminea*, — — — — — fig. 10 a, b.  
 1857, — *equina*, *Milne Edwards*, p. 240.  
 1859, ? — *tabella*, *Drayton* in *Dana*, Syn. p. 6.  
 — — *graminea*, — — — — — p. 7.  
 1860, — *Cari*, *Gosse*. *Actinol.* p. 182.

**Descr.:** *Actinia oncu* depresso.

**Hab.:** A. brevibus Pausilypi, S. Petri, Oppidique Ovi; — profunda Mtr. 0,50—1,00; — saxis affixa.

**Varietates:**  $\alpha$ ) *concentrica* = concentrica zonata.

$\beta$ ) *radiata* = radiatim zonata; oncu Fissurellae.

## Gen. II. Anemonia.

*Urtica* (pars), *Belon* 1551, *Rondelet*, *Gesner*, *Aldrovandus* etc.

—, *Janus Plancus* 1739.

*Actinia* (pars), *Baster* 1760, *Müller* 1776, *Pennant* 1777, *Linnaeus-Gmelin* 1788, *Lamarek* 1816, *Delle Chiaje* 1825, *Rapp* 1829, *Grube* 1840, *Hollard* 1854.

*Hydra* (pars), *Gaertner* 1762, *Gmelin* 1788.

*Priapus* (pars), *Forskael* 1776.

*Anemonia*, *Risso* 1826, *Klunzinger* 1877.

*Actinocereus* (?), *Blainville* 1830.

*Entacmaea* (pars), *Ehrenberg* 1834.

*Anthea*, *Johnston* 1838, *Hassal* 1841, *Gosse* 1855, 1860.

*Anemonia* (pars), *Milne Edwards* 1857, *Fischer* 1875.

Actinidae chromophoris nullis; tentaculis non retractilibus, longis instructae.

## Sp. 3. Anemonia sulcata.

**Syn.** 1551, ? *Urtica rubra*, *Belon*, *Aquat.* p. 342.

1554, — *cinerea*, *Rondelet*, *Poiss. lib.* 17. cap. 13.

1556, — — } *Gessner*, *Aquat.* p. 1241.

— — *explicata* } *id.* *ibid.* p. 1037.

1606, — *cinerea* } *Aldrovandus*, *Zooph.* p. 568.

— — *saxo-innata* }

- Syn.** 1739, *Urtica . . ? . . . Janus Planus*, Conch., p. 110. tab. 9. fig. e, f.  
 1760, *Actinia rugis longitudinalibus*, *Baster*, Op. vol. 3. p. 120. tab. 13. fig. 1.  
 1762, *Hydra tentaculis denudatis*, *Gaertner*, vol. 52. p. 78. tab. 1. fig. 1.  
 1776, *Actinia rubra*, *Müller*, Prodri. 2792.  
 — *Priapus viridis*, *Forskuel*, p. 102. tab. 27.  
 1786, *Actinia cereus*, *Ellis et Solander*, Zooph. p. 11.  
 1788, — *viridis* } *Linnaeus-Gmelin*, p. 3134.  
 — *Hydra cereus* } id. p. 3867.  
 1798, *Actinia crassicornis*, *Macrì* (Atti 1825), vol. 2. p. 67. tab. 2. fig. 1, 2.  
 1812, — *sulcata*, *Pennant*, Zool. vol. 4. p. 102.  
 1816, — *sulcata*, *Lamarck*, Hist. vol. 3. p. 69.  
 1817, — ? *Cuvier*, Règne vol. 3. p. 261.  
 1824, — *viridis*, Encyclop. méthod. tab. 72. fig. 7.  
 1825, — *crassicornis*, *Delle Chiaje*, Notom. vol. 2. p. 241.  
 1826, ? *Anemonia vagans* } *Risso*, vol. 5. p. 288.  
 — — *edulis* } id. ibid. p. 289.  
 1829, *Actinia cereus*, *Rapp*, Polyp. p. 56. tab. 2. fig. 3.  
 1830, — *vagans* }  
 — *Actinocereus sulcata* }  
 — *Actinia edulis* } *Blainville*, Zooph. p. 292, 294.  
 — — *crassicornis* }  
 1831, — *viridis*, *Gravenhorst*, Terg. p. 132.  
 1834, *A. Entacmaea cereus*, *Ehrenberg*, Roth. p. 35 (non *crassicornis*).  
 — *Actinocereus sulcatus* } *Blainville*, Actinol. p. 325, 327. tab. 47.  
 — *Actinia viridis* } fig. 1—4.  
 1838, *Anthea cereus*, *Johnston*, Zooph. p. 221.  
 1840, *Actinia cereus*, *Grube*, p. 11 (cum varietate).  
 1841, — *crassicornis*, *Delle Chiaje*, Anim. vol. 4. p. 125, vol. 5. p. 137. tab. 152. fig. 4.  
 — *Anthea cereus*, *Hassal*, Ann. VII. p. 186.  
 1844, *Anemonia cereus*, *Contarini*, p. 169. tab. 16, 17, 18.  
 1847, *Anthea cereus*, *Johnston*, Zooph. 2a. p. 240. tab. 44.  
 1849, *Actinia flagellifera*, *Drayton in Dana*, Expl. tab. 1. fig. 1 a, b, c.  
 1851, *Anthea cereus*, *Cocks*, Rep. p. 10. tab. 2. fig. 23, 27.  
 1852, *Entacmaea phaeochira*, *Schmarda*, Adr. p. 16. tab. V. fig. 6.  
 1854, *Actinia viridis*, *Hollard*, Mag. Guer. p. 25.  
 1855, *Anthea cereus*, *Gosse*, Man. Mar. fig. 37.  
 1856, — — *Tugwell*, Man. tab. 7.  
 1857, *Anemonia sulcata*, *Milne Edwards*, Cor. p. 234.  
 1859, *Actinia flagellifera*, *Drayton in Dana*, Syn. p. 5.  
 1860, *Anthea cereus*, *Gosse*, Actinol. p. 162. tab. 5. fig. 2, tab. 6. fig. 9.  
 1875, *Anemonia sulcata*, *Fischer*, Compt. R. vol. 86. p. 1207.

**Descr.** — *Anemonia striis longitudinalibus*.

**Hab.** Ubicunque frequens; communissima in spelunca S. Johannis Nisitae; — profunda Mtr. 3,00 : axis adnata.

**Var.:**  $\alpha$ ) *rosea* = tentaculis crassis apice rubris.

$\beta$ ) *viridis* = tentaculis crassis apice glaucis.

$\gamma$ ) *albida* = tentaculis crassis apice albescientibus.

- δ) plumosa* = tentaculis filiformibus, fuscis homochromis. An *Actinia plumosa* Macrīi huc pertinet?  
*ε) parva* = tentaculis albo-maculatis.  
*ζ) splendida* = tentaculis niveis, apice rubris (*Mergellina*).

### Gen. III. Paractis.

*Actinia* (pars) — auctorum.

*Entacmaea* (pars) — Ehrenberg 1834.

*Paractis* (pars) — Milne Edwards 1857, Verrill 1869, Klunzinger 1877, Studer 1878.

Actinidae chromophoris carentes, tentaculis retractilibus mediocribus. — Non naturale, negativum quasi, genus hoc est, quod studio mox dividendum erit.

#### Sp. 4. *Paractis rugosa*.

Syn. 1852, *Entacmaea chromatodera*, Schmarda, p. 15. tab. 5. fig. 3—5.

Descr. *Paractis* columnā cylindrica, transverse striata, tentaculis rigidiusculis.

Hab. In Portu prope Carminem, Mis. 6,00 profunda; frequens.

Observ. Species haec varietas E. chromatoderae est, abs qua bicoloris collaris absentia differt. *Schmardianum* attamen nomen, quod hunc characterem tantum attingit, inaptum speciei dignitati censeo.

#### Sp. 5. *Paractis comata*.

Descr. *Paractis* columnā crassa, laevi, tentaculis crassiunculis, plurimis, desinentibus.

Hab. In Portu ad Molo vecchio, — Mis. 0,50 profunda.

Varietates. α) *simplex* = peristomate unicolori.

β) *crucifera* = peristomate cruce-signato.

#### Sp. 6. *Paractis punctata*.

Syn. 1788, ? *Actinia coccinea*, Müller, Zool. vol. 2. p. 30. tab. 63. fig. 1—3.

Descr. *Paractis* columnā cylindrica, crassa, superius punctata; tentaculis haud rigidis.

Hab. Nescio unde.

Observ. Columnae punctis apud Cereactidas reponenda foret.

### Gen. IV. Gephyra.

*Gephyra*, v. Koch, 1877.

Actinidae basi Gorgoniarum ramos amplectente, membranamque peculiarem secernente instructae.

#### Sp. 7. *Gephyra Dohrnii*.

Syn. 1877, ? *Actinia abissicola*, Moseley, Linn. Tr. ser. 2 a. vol. 1. p. 297. tab. 45. fig. 5.

— — gelatinosa, id. ibid. fig. 6.

**Syn.** 1877, *Gephyra Dohrnii*, v. *Koch*, Morph. J. vol. 4. suppl. p. 98. tab. 5. fig. 1—8.

1878, ? *Corynaetis carnea*, *Studer*, Berl. Ak. 1879. p. 542. tab. 4. fig. 13.

**Descr.** *Gephyra parva*, multitentaculata, rosca.

**Hab.** E Chiajae, Bendapalumbi, Gajolae, coeterumque fundis allata; fragilibus Gorgoniarum, Isidumve ramis affixa.

**Observ.** Praeter hanc, quam *De Kochius* primus *Gephyrae* sub nomine provulgavit nullae hucusque innotuerunt similes formae; nisi quae a *Moseleyo* et a *Studero* pictae descriptaeque fuerunt. Utrum inter se structurā affines sint adhuc investigandum est.

### Fam. 2a. Bunodidae.

Bunodidae, *Gosse* 1855.

Actinines verrueuses (pars), *Milne Edwards* 1857.

Bunodidae, *Gosse* 1858, 1860, *Verrill* 1862, *Studer* 1878<sup>1</sup>.

Cereae, *Duchassaing et Michelotti* 1866.

Bunodinae, *Verrill* 1868, *Klunzinger* 1877.

Actinianae fixae, columnā verrucosa, imperforata; acontis nullis; tentaculis subulatis instructae.

### Gen. V. Bunodeopsis.

Bunodidae tuberculis inaequalibus, irregularibus, oblongis.

### Sp. 8. Bunodeopsis strumosa.

**Descr.** *Bunodeopsis* parva, formā varia, oncu exiguo.

**Hab.** A brevibus Gaiolae allata; — foliis Cymodocearum semper adnata; — profunda Mis. 3,00.

**Observ.** Interdum, cum Cymodoceae evulsae, vastoque in mari nantes sint, specimina quaedam pelagico quasi habitu praedita esse videntur.

### Gen. VI. Bunodes.

*Actinia* (pars) — auctorum.

*Cribrina* (pars), *Ehrenberg* 1834.

? *Aulactinia*, *Agassiz* 1849, *Verrill* 1864.

*Bunodes*, *Gosse* 1855, 1858, 1860, *Verrill* 1862, 1864, *Klunzinger* 1877, *Studer* 1878.

*Cereus* (pars), *Milne Edwards* 1857 (non *Oken* 1815).

Bunodidae tuberculis aequalibus vel subaequalibus, simplicibus hemisphaericis.

### Sp. 9. Bunodes gemmaceus.

**Syn.** 1762, *Hydra disciflora* (granulis miliaribus), *Gaertner*, Ph. Tr. vol. 52. p. 82. tab. 1. fig. 4.

1773, ? *Anémone de la seconde espèce*, *Dicquemare*, Ph. Tr. vol. 63. p. 364. tab. 16. fig. 10.

<sup>1</sup> Studerius *Bunodidis Actinopsidem* et *Paractidem* adscribit, quod erroneum valde existimo dummodo fortuita typographica transpositio non sit.

**Descr.** Bunodes tuberculis seu verrucis aequalibus, serie multipla regulari longitudinali dispositis, tentaculis conicis crassiunculis.

**Hab.** Haud rara in aquis S. Petri, Nisitae, Mergellinae, S. Luciae; — profunda Mtr. 2,00—6,00. — Nec non in imis Benda palumbi fundis; — profunda Mtr. 60,00.

**Varietates:** I. *Tuberculorum columnae* series sunt: sex albidae regulariter radiatae, decem et octo griseae primis trine internositatibus (Mtr. 2.00—6.00).

a) *ocracea* = peristome rufo-luteo, zonâ nigra peripherica, tentaculis griseis nigro-albo-maculatis.

β) pallida = peristomate albo-luteo, zonâ nulla, tentaculis griseis niveo-maculatis.

$\gamma$ ) *viridescens* = peristome viridi-luteo, zonâ nulla, tentaculis roseo-maculatis.

## II. *Tuberculorum columnae* series omnes griseae (Mtr. 60,00).

d) *rosea* = peristome roseo, zonâ nulla, tentaculis roseis albo-maculatis.

*ε) nigricans* = peristomate nigricante.

**Observ.** Varietatum  $\alpha$ ,  $\beta$ ,  $\gamma$ , oncus Clypeastridis seu Spatangidis simile.

Sp. 10. *Bunodes Ballii.*

- Syn.** 1762, ? *Hydra disciflora*, *Gaertner*, Ph. Tr.  
 1777, ? *Actinia verrucosa*, *Pennant*, Zool.  
 1809, ? - *coriacea*, *Spix*, Mus.  
 1816, - - *Lamarck*, Hist. 1 a.  
 1817, - - *Cuvier*, Rég. 1 a.  
 1823, - *glandulosa*, *Otto*, Curios. vol. 11. p. 293.  
 1824, - - *Encycl. méth.*  
 1825, ? - *pedunculata*, *Delle Chiaje*, Notom. vol. 2. p. 41. tab. 16.  
     fig. 10.  
 1826, - *glandulosa*, *Risso*, Europe. vol. 5. p. 288.  
 1829, - - *Rapp*, Polyp. p. 50. tab. 1. fig. 3, 4.  
 1830, - - *Blainville*, Zooph.  
 1831, - ? *Gravenhorst*, Terg. p. 135.  
 1834, *Cibrina glandulosa*, *Ehrenberg*, Cor. p. 41.  
 1836, ? *Actinia monile*, *Templeton*, Mag. vol. 9. p. 303. fig. 49.  
 1837, - *glandulosa*, *Deshayes* in *Lamarck*, Hist. vol. 1. p. 426.  
 1838, - - *Johnston*, Zooph. 1 a. p. 202.  
 1840, ? - *rubripunctata*, *Grube*, Act. p. 4.  
 1844, - *verrucosa*, *Contarini*, p. 157. tab. 14.  
 1849, - *Ballii*, *Cocks*, Rep. 94.  
 1851, - - *Cocks*, Rep. 9. tab. 2. fig. 9, 17, 18.  
     - *clavata*, *Thompson*, Zoologist, App. 127.  
 1853, - - *Gosse*, Ann. 2 a. vol. 12. p. 127.  
     - - *Gosse*, Aq. p. 35.  
 1854, - - *Tugwell*, Man. p. 100. tab. 4.  
 1855, - - *Jordan*, Ann. 2 a. vol. 15. p. 88.  
 — *Bunodes* - *Gosse*, Linn. Tr. vol. 21. p. 274.  
 1857, *Cereus* - } *Milne Edwards*, Cor. p. 267, 265.  
 — - *glandulosus* }  
 1858, *Bunodes clavata*, *Gosse*, Ann. 3 a. vol. 1. p. 417.  
 1860, - *Ballii*, *Gosse*, Actin. p. 198. tab. 4. fig. 4.  
 1875, - - *Fischer*, Compt. R. vol. 86. p. 1207.

**Descr.** *Bunodes tuberculis aequalibus, tentaculis conicis, tenuibus.*

**Hab.** E Pausilypo prope Gajolam; — rara.

Sp. 11. *Bunodes rigidus.*

- Syn.** 1762, ? *Hydra disciflora*, *Gaertner*, Ph. Tr. vol. 52. p. 82. tab. 1. fig. 4.  
 1777, ? *Actinia verrucosa*, *Pennant*, Zool. vol. 4. p. 49.  
 1824, ? - *glandulosa*, Encycl. méthod. p. 15. tab. 70. fig. 4.  
 1825, - *pedunculata*, *Delle Chiaje*, Notom. vol. 2. p. 41. tab. 16.  
     fig. 10.  
 1833, ? - *fusco-rubra*, *Quoy et Gaymard*, Astr. Zooph. p. 144. tab. 11.  
     fig. 7, 8, 9.  
 1840, ? - *rubripunctata*, *Grube*, Act. p. 4.

**Descr.** *Bunodes tuberculis* subaequalibus, tentaculis validis, acuminatis, rigidis.

**Hab.** In aquis S. Luciae, Pausylipique Capo di Posillipo; haud frequens.

**Varietates.**  $\alpha$ ) *viridis* = peristomate viridi, tentaculis internis badiis, externis albidis.

$\beta$ ) *fusca* = peristomate fusco, tentaculis internis fuscis externis virido-albidis.

$\gamma$ ) *rosea* = peristomate roseo, tentaculis internis laete rubris, mediis roseis, externis albis.

### Sp. 12. *Bunodes crassus.*

**Syn.** 1806, ? *Actinia digitata*, Müller, Zool. vol. 4. p. 16. tab. 133.

1840, ? - *rhododactylos* }  
- ? - *rubripunctata* } Grube, Act. p. 2. fig. 1, p. 4.

1857, ? *Cereus digitatus*, Milne Edwards, Cor. p. 272.

**Descr.** *Bunodes tuberculis* subaequalibus; tentaculis crassis, longis, digitatis, flexuosis.

**Hab.** Ex aquis puteolanis prope Bajam semel et unico in specimine allata.

### Sp. 13. *Bunodes sabelloides.*

**Syn.** 1840, ? *Actinia rubripunctata*, Grube, Act. p. 4.

**Descr.** *Bunodes parva* tuberculis subaequalibus, incospicuis, tentaculis conicis.

**Hab.** In portu Neapolitano frequentissima; saxis, conchis, lignis, algis (*Ulva lactuca*) adnata; superficialis (Mtr. 0,50).

**Obs.** Vermibus semper sabellinis (*Dasichone lucullana*) commixta, iisque simillima.

### Gen. VII. *Cladactis.*

*Cladactis*, Panceri 1868, 1869.

Bunodidae |tuberculis variis instructae; superioribus vero pedunculato-clavatis, mediis tantum clavatis, infimis simplicibus. — Utrum huic pertineat familiae dubito.

### Sp. 14. *Cladactis Costae.*

**Syn.** 1868, *Cladactis Costae*, Panceri, Rend.

1869, - - - *Panceri*, Att. vol. 4. No. 11. tab. o. fig. 1.

**Descr.** *Cladactis* tentaculis longissimis, anguiformibus interdum crispis.

**Hab.** In aquis imis Caprearum, et Gajolae, non infrequens.

**Var.**  $\alpha$ ) *alba* = alba columnâ, tentaculis tuberculosis albis.

$\beta$ ) fusca = columnâ carnea, tentaculorum basi fusca et tuberculorum capitulo badio.

$\gamma$ ) viridis = columnâ lutea, tuberculis viridis.

**Obs.** Hisce varietatibus multi interpositi gradus extant. — Omnia et varietatum et graduum specimina noctu tantum expanduntur; splendidissima tuuc speciei forma patet.

### Fam. 3a. Cereactidae.

Actinines verrueuses (pars), *Milne Edwards* 1857.

Actinianae fixae, columnâ acetabulifera imperforata, acontiis nullis, tentaculis subulo-digitatis preditae.

### Gen. VIII. Cereactis.

*Actinia* (pars), auctorum.

*Cereus* (pars), *Oken* 1815, *Milne Edwards* 1857.

*Cribrina* (pars), *Ehrenberg* 1834.

Cereactidae tentaculis longissimis flexuosis, columnâ valde extensibili instructae. — Novum hoc propter suam *Milne Edwardsiano* (magis quam *Okenii*) genere Cereo affinitatem, Cereactidis, affini scilicet, nomine provulgo.

### Sp. 15. Cereactis aurantiaca

(non A. aurantiaca, *Jordan* 1855).

**Syn.** 1823, *Actinia aurantiaca*, *Delle Chiaje*, Notom. vol. 2. p. 438, vol. 3. p. 71, tab. 29. fig. 25, tab. 103. fig. 6.

1835, - aurantiaca, *Dujardin* in *Lam. Hist.* vol. 3. p. 419.

1840, - - *Grube*, Act. p. 5. fig. 5.

1841, - - *Delle Chiaje*, Anim. vol. 4. p. 126. vol. 5. p. 138. tab. 154. fig. 10.

1844, - - *Contarini*, p. 149. tab. 13 a, b.

1857, *Cereus aurantiacus*, *Milne Edwards*, Cor. p. 270.

**Descr.** Cereactis adhuc generis characteribus tantum distincta.

**Hab.** In littoris arenosis Pausilypi et in sinu Mergellinae frequens; Mtr. 5,00 profunda.

**Var.**  $\alpha$ ) lutea = a colore columnae.

$\beta$ ) rubra = id.

**Obs.** Specimina larvis praegnantia mense majo haud rare obtinui.

### Fam. 4a. Adamsidae.

Actinines perforées, *Milne Edwards* 1857.

Sagartiidae, *Gosse* 1858, 1860 (abs. Gen. Phellia, plus Gen. Aiptasia), *Verrill* 1862, *Studer* 1878.

Sagartinae, *Verrill* 1868, 1869, *Klunzinger* 1877.

Actinianae fixae, columnâ laevi vel acetabulifera, perforata; acontiis abundantissimis; tentaculis subulatis instructae.

## Gen. IX. Calliactis.

*Urtica* (pars), *Rondelet*, *Gesner*, *Aldrovandus*.

*Priapus* (pars), *Baster* 1761.

*Actinia* (pars), *Linnaeus* 1767, 1788, *Lamarek* 1816, 1837, *Cuvier* 1817, 1829, *Delle Chiaje* 1825, 1841, 1843, *Risso* 1826, *Rapp* 1829, *Couch* 1838, 1841, *Johnston* 1847, *Cocks* 1851, *Gosse* 1854, *Jordan* 1855.

*Cereus* (pars), *Oken* 1815, 1817.

*Cribrina* (pars), *Ehrenberg* 1834, *Grube* 1840.

*Sagartia* (pars), *Gosse* 1855, 1856, 1858, 1860, *Verrill* 1868, *Fischer* 1875.

*Adamsia* (pars), *Milne Edwards* 1857.

*Sagartia*, *Thompson* 1858.

*Calliactis*, *Verrill* 1869, *Klunzinger* 1877, *Studer* 1878.

Adamsidae serie eminentiis cinclidiferis basali praeditae.

## Sp. 16. Calliactis effoeta.

Syn. 1554, *Urtica species quarta*, *Rondelet*, lib. 17. cap. 15. fig. 18.

1558, - *quarta*, *Gessner*, lib. 4. p. 1039. fig. 3.

1606, - - *Aldrovandus*, p. 569.

1761, *Tertia priapi species*, *Baster*, vol. 1. p. 122. tab. 14. fig. 2.

1767, *Actinia effoeta*, *Linnaeus*, vol. 2. p. 1088.

1788, id. *Linnaeus-Gmelin*, vol. 1. part. 6. p. 3133.

1816, id. *Lamarek*, vol. 3. p. 68.

1817, id. (*Act. brune*), *Cuvier*, vol. 4. p. 52.

1824, id. *Encyclop. method.*, p. 2. tab. 74. fig. 1.

1825, *Actinia Rondeletii*, *Delle Chiaje*, vol. 3. p. 72. tab. 35. fig. 18.

1826, *Actinia effoeta*, *Risso*, vol. 5. p. 285.

1829, id. *Rapp*, p. 54. tab. 2. fig. 2.

— id. *Cuvier*, vol. 3. p. 292.

1834, *Cribrina effoeta*, *Ehrenberg*, p. 40.

1837, *Actinia effoeta*, *Lamarek*, *Hist.* vol. 1. p. 541.

1838, - *parasitica*, *Couch*, p. 34.

1840, *Cribrina effoeta*, *Grube*, p. 12.

— *Actinia effoeta*, *Milne Edwards*, tab. 62. fig. 1.

1841, - *Rondeletii* } *Delle Chiaje*, vol. 4. p. 125. vol. 5. p. 137.

— - *effoeta* } tab. 152. fig. 3.

— - *hyalina*

— - *parasitica*, *Couch*, vol. 3. p. 80. tab. 15. fig. 1, 2.

1843, - *Rondeletii*, *Delle Chiaje*.

1847, - *parasitica*, *Johnston*, p. 228. tab. 12.

1851, id. *Cocks*, p. 8. tab. 2. fig. 11.

1854, id. *Gosse*, Aq. p. 144. tab. 4.

1855, *Sagartia parasitica*, *Gosse*, Tr. Linn. p. 274.

— *Actinia parasitica*, *Jordan*, Ann. 2a. XV. p. 86.

1856, *Sagartia parasitica*, *Gosse*, Ann. 2a. XVI. p. 294.

1857, *Adamsia effoeta*, *Milne Edwards*, vol. 1. p. 278.

1858, *Sagartia parasitica*, *Gosse*, Ann. 3a. I. p. 416.

1860, *Sagartia parasitica*, *Gosse*, *Actinol.* p. 112. tab. 2. fig. 6.

1869, ? *Calliactis* ? *Verrill*, Connect. Acad. vol. 1. p. 481.

- Syn.** 1875, *Sagartia effoeta*, *Fischer*, Compt. rend. vol. 86. p. 1207.  
 1877, ? - *polypus*, *Klunzinger*, Korall. vol. 1. p. 76. tab. 5. fig. 1.  
 1878, ? - *marmorata*, *Studer*, Monatsb. Berl. 1878. p. 543. tab. 4. fig. 15.

**Descr.** *Calliactis cancrisociata*, tentaculis frequentibus.

**Hab.** Frequens.

- Var.**  $\alpha$  *nivea* = peristome cirrisque albis, columnâ striis longitudinalibus albis et fuscis.  
 $\beta$  *aurantiaca* = peristome cirrisque aurantiacis.  
 $\gamma$  *viridescens* = peristome albo, columnâ virido-fusca.  
 $\delta$  *purpurea* = peristome rubescente, columnâ purpureo-fusca.  
 $\epsilon$  *sulphurea* = peristome luteolo, columnâ sulphureo colore depicta.

### Gen. X. Heliactis.

*Hydra* (pars), *Gaertner* 1762.

*Actinia* (pars), *Pennant* 1777, *Ellis et Solander* 1786, *Lamarck* 1816, *Delle Chiaje* 1825, 1841, 1843, *Gravenhorst* 1831, *Grube* 1840, *Johnston* 1847, *Gosse* 1853.

*Actinocereus* (pars), *Blainville* 1830.

*Isacmaea* (pars), *Ehrenberg* 1834.

*Cereus* (pars), *Agassiz* 1849, *Milne Edwards* 1857, *Verrill* 1862, *Fischer* 1875, ? *Studer* 1878.

*Sagartia* (pars), *Gosse* 1855, 1858, 1860, *Lacaze Duthiers* 1872, *Heider* 1878.

*Scolanthus*, *Holdsworth* 1855 (non *Gosse* 1848).

*Heliactis*, *Thompson* 1858.

*Adamsia* (pars), *Milne Edwards* 1857.

*Paractis* (pars), *Milne Edwards* 1857.

Adamsidae acetabulis superiori corporis parte plurimis instructae. — Cerei *Okenii* nomen huic generi prioritatis jussu vindicandum foret; quo tamen nimis a scriptoribus adusum et compluribus diversissimisque actiniarum generibus inscriptum fuit plane reiicere et aptiore *Thompsonii* synonimo substituere censeo. Quaeque de Cereo et de *Ehrenbergii* quidem Cibrina dico, nec non de *Gossei* *Sagartia*.

### Sp. 17. Heliactis bellis.

- Syn.** 1762, *Hydra calyciflora*, *Gaertner*, Ph. Tr. vol. 52. p. 79. tab. 1. fig. 2.  
 1777, *Actinia pedunculata*, *Pennant*, Zooph. vol. 4. p. 49.  
 1786, - *bellis*, *Ellis et Solander*, Zooph. p. 2.  
 1788, *Hydra bellis*, *Linnaeus-Gmelin*, p. 3868.  
 1812, *Actinia pedunculata*, *Pennant*, Zool. p. 102.  
 1816, - - *Lamarck*, vol. 3. p. 70.  
 1824, - - *Encyclop. meth.*, tab. 71. fig. 4.  
 1825, - *bellis*, *Delle Chiaje*, tab. 107. fig. 1.  
 1829, - - *Rapp*, p. 50, tab. 1. fig. 1, 2.

- Syn.** 1829, *Actinia bellis*, *Cuvier*, vol. 3. p. 293.  
 1830, *Actinocereus pedunculatus*, *Blainville*, p. 294.  
 1831, *Actinia bellis*, *Gravenhorst*, p. 130.  
 1834, *Cribrina bellis*, *Ehrenberg*, p. 41.  
 1835, *Actinocereus pedunculatus*, *Blainville*, Actin. p. 327.  
 1837, *Actinia pedunculata*, *Deshayes* in Lam. Hist. 3a. vol. 1. p. 544.  
 1840, - *bellis*, *Grube*, p. 12.  
 1841, id. *Delle Chiaje*, vol. 4. p. 126. vol. 5. p. 138. tab. 156.  
 fig. 1.  
 — id. *Hassal*, Ann. VII. p. 285.  
 1843, id. *Delle Chiaje*.  
 1847, id. *Johnston*, Zooph. vol. 1. p. 228. tab. 12. fig. 1, 3, 6.  
 1849, *Cereus sol*, *Agassiz*, M. S.  
 1851, *Actinia Templetonii*, *Cocks*, p. 8. tab. 2. fig. 10, 14.  
 1853, - *bellis*, *Gosse*, Devon. p. 25. tab. 1. fig. 1, 2.  
 1854, - *pedunculata*, *Holland*, No. 4. p. 20.  
 1855, *Sagartia bellis*, *Gosse*, Linn. Tr. p. 274.  
 — id. *Gosse*, Man. Mar. p. 28. fig. 41.  
 1860, id. *Gosse*, Actinol. p. 27. tab. 1. fig. 2.  
 1862, *Cereus sol*, *Verrill*, Mem. Bost. vol. 1. p. 25.  
 1864, - - *Verrill*, Cambr. Mus., vol. 1. num. 3. p. 58.  
 1872, *Sagartia bellis*, *Lacaze Duthiers*, Arch. vol. 1. p. 370.  
 1874, *Cereus pedunculatus*, *Fischer*, Compt. R. vol. 86. p. 1207.

**Descr.** *Heliactis* tentaculis parvis frequentissimis; margine disci lobate reclinato.

**Hab.** Frequens in Portu, et in aquis S. Luciae, Mergellinae, Gajolae; in arena, profunditati Mtr. 0,50.

- Var.** *a) fusca* = columnâ zonis longitudinalibus alterne luteis et albis; peristomate fusco peripherice punctis pallidioribus maculato, interne striis roseis radiatim ornato; disco (in toto) octo segmentis alternatim pallide et laete coloratis constituto.  
*b) pallida* = columnâ quasi alba zonis ineospicuis luteolis instar punctorum seriebus; peristomate peripherice luteo et albo, interne fusco et coeruleo; disco (in toto) duodecim segmentis alterne luteofuscis et albo-coeruleis constituto.

### Sp. 18. *Heliactis troglodytes*.

- Syn.** 1825, *Actinia bellis*, *Delle Chiaje*, tab. 107. fig. 1.  
 1826, - *rufa*, *Risso*, vol. 5. p. 285. No. 48.  
 1840, - - *Grube*, p. 12.  
 1841, - - *Delle Chiaje*, vol. 4. p. 126. vol. 5. p. 138. tab. 156.  
 fig. 1.  
 1847, - *troglodytes*, *Johnston*, Zooph. p. 216. fig. 47.  
 1848, - *elegans* *Dalyell*, p. 226. tab. 47. fig. 9.  
 1851, - *troglodytes*, *Cocks*, p. 6. tab. 1. fig. 16.  
 1855, *Sagartia troglodytes*, *Gosse*, Linn. Tr. p. 274.  
 — - - *Gosse*, Man. Mar. p. 28.  
 — *Scolanthus spherooides*, *Holdsworth*, Z. Soc. tab. 5. fig. 1, 2, 3.

- Syn.** 1855, *Sagartia aurora*, *Gosse*, Ann. 2 a. XVI. p. 280.  
 1856, - - - *Gosse*, Tenby p. 356.  
 — - *troglodytes*, *Gosse*, Tenby p. 365.  
 1857, *Adamsia elegans* }  
 — *Cereus aurora* } *Milne Edwards*, p. 280. p. 266.  
 1858, *Sagartia troglodytes*, *Gosse*, Ann. 3 a. I. p. 416.  
 1860, - - - *Gosse*, Actinol. p. 88. tab. 1. fig. 3. tab. 2.  
 fig. 5. tav. 3. fig. 1, 2. tab. 5. fig. 5.  
 1872, - - - *Lacaze Duthiers*, Arch. vol. 1. p. 370.  
 1877, - - - *Heider*, Sitzungsber., Wien., LXXV. p. 370.  
 tab. 1. fig. 1.

**Descr.** *Heliactis tentaculis validioribus, frequentibus, margine disci erectiori.*

**Hab.** Saepe specimina a Gajola et a S. Lucia obtinui, e profunditate Mtr. 2,00; haud rara, saxis affixa.

- Var.**  $\alpha)$  *sulphurea* = columnâ longitudinaliter fasciata, sulphureo-lutea, peristomate punctis fuscis maculato.  
 $\beta)$  *ocracea* = columnâ zonis pallide fuscis et luteis, peristomate ochraceo, interne striis albis radiato.  
 $\gamma)$  *aurantiaca* = columnâ luteo-aurantiaca, peristomate rubescente homochromico.  
 $\delta)$  *albicans* = columnâ luteola zonis pallidioribus, peristomate albo, punctis roseis.

### Sp. 19. *Heliactis viduata*.

- Syn.** 1606, *Urtica cinerea* Rondeletii, *Aldrovandus*, p. 565.  
 1788, *Actinia viduata*, *Müller*, Prod. p. 231. No. 2799.  
 — - - } *Müller*, Zool. dan. vol. 2. p. 31. tab. 63.  
 — - undata, } fig. 6, 7, 8.  
 — - undata } *Müller*, Zool. dan. vol. 2. p. 30. tab. 68.  
 — - viduata } fig. 4, 5.  
 — - undata } *Linnaeus-Gmelin*, p. 3133.  
 1825, - *Zebra*, *Grube*, p. 7.  
 1830, - *clavata*, *Ihmoni*, p. 694. tab. 7. fig. A, B.  
 1831, - *mutabilis*, *Gravenhorst*, p. 142.  
 1834, A. *Entacmaea crispa* }  
 — A. *Isacmaea viduata* } *Ehrenberg*, p. 36, 34.  
 1837, *Actinia viduata* }  
 1841, - undata } *Lamarck*, Hist. 3 a. vol. 1. p. 541.  
 — - viduata, *Thompson*, Ann. VII. p. 481.  
 — - elongata, *Delle Chiaje*, vol. 5. p. 138. tab. 98. fig. 19.  
 1847, - *anguicoma*, *Johnston*, p. 218. fig. 48.  
 1848, - *explorator*, *Dalyell*, p. 227. tab. 46. fig. 11.  
 1853, - *anguicoma*, *Gosse*, Devon. p. 96. tab. 1. fig. 9, 10.  
 1855, *Sagartia viduata*, *Gosse*, Linn. Tr. p. 274.  
 — - - *Gosse*, Man. Mar. p. 28.  
 1856, - - - *Gosse*, Tenby p. 363.

- Syn.** 1857, *Paractis viduata* }  
 — — *undata* } *Milne Edwards*, p. 250.  
 1858, *Sagartia viduata*, *Gosse*, Ann. 3 a. I. p. 416.  
 1860, — — — *Gosse*, *Actinol.* p. 105. tab. 3. fig. 3. tab. 6. fig. 11.  
 1875, — — — (pars), *Fischer*, *Compt. R.* vol. 36. p. 1207.

**Descr.** *Heliactis tentaculis longissimis, tubulatis, frequentibus.*

**Hab.** In brevibus prope Gajolam, Pausilypum, S. Luciam; saxis adnata vel in arena, profunditati Mtr. 4,00.

**Varietates** inconspicuae, coloribus plus minusve laetis.

### Gen. XI. Adamsia.

**Medusa** (pars), *Bohadsch* 1761, *Fabricius* 1779, *Ström* 1783.

**Actinia** (pars), *Adams* 1800, *Otto* 1823, *Delle Chiaje* 1825, 1841, 1843, *Risso* 1826, *Rapp* 1829, *Blainville* 1830, *Gravenhorst* 1831, *Dalyell* 1848.

**Cibrina** (pars), *Ehrenberg* 1834, *Grube* 1840.

**Adamsia**, *Forbes* 1840, *Johnston* 1847, *Gosse* 1854, 1858, 1860, *Fischer* 1875.

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Adamsidae verrucis acetabulisque carentes, cinclidibus pluribus, tentaculis frequentissimis, retractilibus, acontiis facile-missilibus instructae.

### Sp. 20. Adamsia palliata.

- Syn.** 1761, *Medusa palliata*, *Bohadsch* p. 135. tab. 11. fig. 1.  
 1779, — — *Fabricius*, p. 327.  
 1788, — — *Ström*, *Sossele*.  
 1800, *Actinia effoeta*, *Adams*, *Ph. Tr.* p. 8.  
 1807, — — *Turton*, p. 50, 131.  
 1812, — *maculata*, *Pennant*, *Zool.* vol. 4. p. 104.  
 1823, — *carciniopados*, *Otto*, vol. 11. p. 2. tab. 40.  
 1825, — — *Delle Chiaje*, vol. 2. p. 241. tab. 85. fig. 23.  
 1826, — *pieta*, *Risso*, vol. 5. p. 286.  
 1829, — *carciniopados*, *Rapp*, p. 58.  
 1830, — *maculata*, *Coldstream*, p. 236. tab. 4. fig. 6, 7.  
 — — *pieta*, *Blainville*, p. 326.  
 1831, — *effoeta*, *Gravenhorst*, p. 133.  
 1834, *Cibrina palliata*, *Ehrenberg*, p. 41.  
 1836, *Actinie parasite*, *Dugés*, p. 93. tab. 6. fig. 1.  
 — *Cibrina palliata*, *Deshayes* in *Lamarck* vol. 1. p. 547.  
 1840, — *carciniopados*, *Grube*, p. 13.  
 — *Adamsia maculata*, *Forbes*, p. 183.  
 1841, *Actinia carciniopados*, *Delle Chiaje*, vol. 4. p. 126. vol. 5. p. 137. tab. 152. fig. 14.  
 1847, *Adamsia palliata*, *Johnston*, vol. 1. p. 207. tab. 13. fig. 1, 2.  
 1848, *Actinia maculata*, *Dalyell*, vol. 2. p. 233. tab. 48. fig. 3, 4.  
 1854, *Adamsia palliata*, *Gosse*, Aq. p. 139.  
 1855, — — — *Gosse*, *Man. Mar.*, vol. 1. p. 27. fig. 38.  
 1858, — — — *Gosse*, Ann. 3 a. I. p. 416.

**Syn.** 1860, *Adamsia palliata*, *Gosse*, Actinol. p. 124. tab. 3. fig. 7. 8.  
1875, - - - *Fischer*, Compt. R. vol. 86. p. 1207.

**Descr.** *Adamsia cancerisociata*, basi biloba-annulari-amplectente.

**Hab.** Frequens.

### Gen. XII. Aiptasia.

*Actinia* (pars), *Grube* 1840.

*Anthea* (pars), *Cocks* 1851.

*Aiptasia*, *Gosse* 1858, 1860, *Fischer* 1876.

? *Thelactis*, *Klunzinger* 1877.

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Adamsidae verrucis acetabulisque carentes, tentaculis haud frequentissimis, non retractilibus, acontis difficile-missilibus instructae.

### Sp. 21. Aiptasia turgida.

**Descr.** *Aiptasia columnâ cyathiformi*, tentaculis tumidis, perforatis.

**Hab.** Juxta Nisitam frequens et S. Petrum, Mtr. 1,50 profunda, saxis, posidoniiisque adhaerens.

**Var.**  $\alpha$ ) *reticulata* = tentaculis rete macularum alba depictis.

$\beta$ ) *simplex* = tentaculis absque retem.

### Sp. 22. Aiptasia chamaeleon.

**Syn.** 1840, *Actinia chamaeleon*, *Grube*, Act. p. 8.

1877, *Thelactis simplex*, *Klunzinger*, Korall. p. 79. tab. 6. fig. 5.

**Descr.** *Aiptasia columnâ cylindricâ*, erectâ, serie verrucarum instructâ.

**Hab.** In Portu alioque frequens, saxis lignis, algis, zosteris, conchis, coeteribusque adnata; profunditatem tunc parvam (Mtr. 2,00) tunc magnam (Mtr. 60,00) diligit.

**Var.**  $\alpha$ ) *lutea* = columnâ badia, peristomate stellulâ centrali aurea exornato.

$\beta$ ) *purpurea* = columnâ rufescente, peristomate purpureo.

$\gamma$ ) *coerulea* = columnâ violacea, peristomate interne nigro, peripherece coeruleo (Mtr. 60).

$\delta$ ) *pallida* = columnâ fusco-luteola, peristomate albescente.

$\epsilon$ ) *polychroma* = variis his coloribus et varie commixta.

**Obs.** Has praeter varietates innumerae denuo examine prodeunt; ne obliviscaris attamen unum idque specimen saepe, quoad colorem mutabile esse.

### Sp. 23. Aiptasia saxicola.

**Descr.** *Aiptasia columnâ cylindrica*, longitudinaliter striata, tentaculis haud tumidis.

**Hab.** E Gajola in saxorum cavis, M. 0,50 profunda, cystosiris commixta.

**Var.** Incospicuae et luteo vel badio vel viridulo tentaculorum colore.

**Observ.** Cystosirarum coespitibus commixta primo visu non patescit.

Sp. 24. *Aiptasia carneae*.

**Descr.** *Aiptasia columnâ cyathiformi, transverse rugosa, tentaculis haud tumidis.*

**Hab.** Unicum specimen observavi; nescio ubi inventum.

Gen. XIII. *Ilyactis*.

? *Ilyanthus*, auctorum.

? *Sagartia*, auctorum.

Adamsidae basi musculari carentes, acontis specialique columnae cingulo praeditae.

Sp. 25. *Ilyactis torquata*.

**Descr.** *Ilyactis* adhuc genericis characteribus.

**Hab.** Pausilypo littore, ab imis fundis, extracta.

**Observ.** Adamsidarum possidet acontia, Ilyanthidum columnam, Actinolobae, Tealiaeque cingulum, seu torquem.

Fam. 5a. *Phellidae*.

Sagartiidae (pars), *Gosse* 1858, 1860.

*Phellinae*, *Verrill* 1868, *Klunzinger* 1877.

Actinianae fixae columnâ furfuracea, induta, tentaculis subulatis.

Gen. XIV. *Phellia*.

*Phellia*, *Gosse* 1859, 1860, *Verrill* 1865, *Klunzinger* 1877.

*Edwardsia* (pars), *Stimpson* 1855.

Phellidae tentaculis retractilibus, frequentibus, conicis.

Sp. 26. *Phellia nummus*.

**Descr.** *Phellia columnâ crassa, oncu nummiforme, tentaculis frequentibus.*

**Hab.** Ab imis Caprearum aquis, nec non a fundis Forii et Gajolae semper allata; corallinis, saxis, conchisque adnata.

**Var.**  $\alpha$ ) *alba* = peristome homochromico, albescente, punctis niveis consperso, basi tentaculorum duplice rufa signata.

$\beta$ ) *rufa* = homo chromici peristomatis radiis rufis, luteo-punctatis, tentaculorum basi intense lutea.

$\gamma$ ) *lutea* = peristome heterochromico, interne luteo, peripherice sex aequidistantibus purpureo-badiis maculis depicto.

$\delta$ ) *badia* = peristome heterochromico, interne radio, peripherice zonâ unicolori fusca conscripto.

### Sp. 27. Phellia armata.

**Descr.** Phellia parva, columnâ crassa, oncu hoemisphoericō.

**Hab.** E recessu S. Luciae; Mtr. 2,00 profunda, saxis adhaerens.

**Obs.** Duo tantum specimina observare lieuit. — An hue Entacmaea erythraea Ehrenbergii 1834 p. 37 (Cereus nempe erithraeus Milne Edwardsii 1857 p. 272; vel Paractis erithraea Klunzingeri 1877 p. 71) pertinet?

### Sp. 28. Phellia cylinder.

**Descr.** Phellia major, columnâ cylindrica, oncu hemisphaericō.

**Hab.** In imis Pontiae, Pitheciacae, Caprearum, Gajolaque fundis haud rara; conchis, algis (Udotea flabellata), petris, corallinis, gorgoniisque affixa.

**Var.**  $\alpha$ ) pontina = tentaculis fuscis, longitudinaliter lineatis, peristomate radiatim lineolato interne fusco-rubente, peripherice fusco-nigrieante.

$\beta$ ) simplex = disco (tentaculis nempe et peristomate) homochromico fusco-rubente, pallidioribus tantum punctis radiatim consparso.

$\gamma$ ) sponsa = tentaculis badiis, annulo albo basilari, peristomate radiis interne luteolis.

$\delta$ ) annulata = tentaculis fuscis transverse ter quaterque albo-annulatis, peristomate purpureo-fusco, radiatim albo-striato.

### Sp. 29. Phellia timida.

**Descr.** Phellia parva, columnâ cylindro-conica, tantaclus paucis.

**Hab.** Ab aquis Bendapalumbi, allata; Mtr. 65 profunda; in corallinarum cavis.

**Obs.** Specimen unicum. Formâ et habitu *Edwardsii* simillimum.

### Sp. 30. Phellia limicola.

**Descr.** Phellia media, columnâ turgida, rugosa arenacea, tentaculis haud frequentibus.

**Hab.** Nonnulla specimina in littore Barbajæ et Frisii (Palazzo di Donn' Anna); tamen semel obtinui.

## Fam. 6 a. Capneadae.

Capneadæ, *Gosse* 1860, *Studer* 1878.

Actininae (pars), *Verrill* 1868—71, *Klunzinger* 1877.

Actinianæ fixæ, columnâ laevi, tentaculis capitatis praeditæ. — Non omnino naturalis familia haec est.

## Gen. XV. Aurelianæ.

*Corynactis* (pars), *Thompson* 1853.

*Corynactis* (pars), *Gosse* 1854.

? *Heteractis*, *Milne Edwards* 1857.

*Corynactis* (pars), *Wright* 1859.  
*Aurelianaria*, *Gosse* 1860.

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Capneadae tentaculis multi-capitatis, parvis subaequalibus instructae.

### Sp. 31. *Aurelianaria augusta*.

**Syn.** 1833, ? *Actinia aurora*, *Quoy et Gaymard*, *Astrol.* vol. 4. p. 141. tab. 12. fig. 1, 2.

1837, ? - - *Deshayes* in *Lam. Hist.* vol. 1. p. 545.

1857, ? *Heteractis aurora*, *Milne Edwards*, *Cor.* p. 261.

1860, ! *Aurelianaria augusta*, *Gosse*, *Actin.* p. 283. tab. 9. fig. 11.

**Descr.** *Aurelianaria* corpore conico, basi ampla.

**Hab.** Gajolae Nisitaequa in aquis, duo circiter chilometra a littore; hanc speciem tartanellae piscatores haud rare adferunt.

**Var.** *a) devonica* (a *Gossei* graphica descriptione et iconica nullo puncto differe censeo).

*b) neapolitana* = peristome haud radiato, tentaculis heterochromicis.

### Gen. XVI. *Corynactis*.

? *Actinia* (pars), *Müller* 1788.

*Ectacmaea* (pars), *Ehrenberg* 1834.

*Corynactis* (pars), *Allman* 1846, *Johnston* 1847, *Milne Edwards* 1857.

*Corynactis*, *Gosse* 1860, *Fischer* 1875, *Kunzinger* 1877.

? *Palythoaster*, *Haeckel* 1876.

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Capneadae tentaculis uni-capitatis, interne parvis, externe longis instructae.

### Sp. 32. *Corynactis viridis*.

**Syn.** 1788, ? *Actinia candida*, *Müller Zool.*

1834, ? *A. Ectacmaea globulifera*, *Ehrenberg* Roth. p. 39.

1846, *Corynactis viridis*, *Allman*, *Ann.* 1a. vol. 17. tab. 11.

1847, - - - *Johnston*, *Zooph.* 2a. vol. 1. p. 205. tab. 35. fig. 10, 11.

- - *Allmanni* *Johnston*, *Zooph.* 2a. pag. 474. fig. 85.

1851, - - *viridis* *Cocks*, *Rep.* 3. tab. 1. fig. 3, 4, 5.

- - *Allmanni* - - - 4. tab. 1. fig. 6.

1853, - - *Gosse*, *Devon.* p. 422. tab. 8. fig. 8, 9, 10.

1854, - - *Gosse*, *Man. Mar.* vol. 1. p. 28. fig. 39.

18.., - - *Wright*, *Rerv.* vol. 4. p. 122. tab. 13.

1857, - *viridis*, *Milne Edwards*, *Cor.* vol. 1. p. 258.

1875, - - *Fischer*, *Compt. rend.* vol. 86. p. 1207.

**Descr.** *Corynactis* corpore peltato, umbelliformis.

**Hab.** Melobesiis (Lithothamnio expanso et L. agariciformi) adnata. — Conpluria habui specimina sed semel.

**Obs.** Huc *Gossei* varietatem rhodoprasinam referrem.

## Gen. XVII. Anemonactis.

- ? *Halcampa*, auctorum.  
 ? *Anemonia*, auctorum.  
 ? *Heteractis*, *Milne Edwards* 1857.

Formae columnâ laevi, tentaculis retractilibus praeditae, acontiis, chromophoresque carentes.

Sp. 33. *Anemonactis magnifica*.

**Descr.** Anemonactis adhuc generis characteribus.

**Hab.** A brevibus S. Petri, Mtr. 7,00 circiter profunda.

**Obs.** Sessilis, laevis, paucotentacnata, difficile retractilis deinceps ab *Halcampae*, *Cereactidis*, *Anemoniae*, *Heteractidis* generibus differt.

**Var.:**  $\alpha$ ) *rubra* = a colore columnae.

$\beta$ ) *flava* = id.

## Fam. 7a. Ilyanthidae.

Actinies pivotantes (pars), *Milne Edwards* 1857 (abs. Gen. Edwardsia).

Ilyanthidae (pars), *Gosse* 1860 (abs. Gen. Edwardsia, Cerianthus et Anemonactis).

Ilyanthidae (pars), *Verrill* 1862 (abs. Gen. Edwardsia) 1869, *Studer* 1878.

Ilyanthidae, *Klunzinger* 1877.

Actinianae liberae basi musculari carentes.

## Gen. XVIII. Ilyanthus.

*Actinia* (pars), *Quoy et Gaimard* 1833.

*Isacmaea* (pars), *Ehrenberg* 1834.

*Iluanthos*, *Forbes* 1840, *Johnston* 1847.

*Ilyanthus*, *Gosse* 1856, 1860, *Verrill* 1862, 1868, *Klunzinger* 1877.

*Iluanthos* (pars) } *Milne Edwards*.

*Adamsia* (pars) } *Milne Edwards*.

Ilyanthidae columnâ laevi, ore labiis regularibus praeditae.

Sp. 34. *Ilyanthus diaphanus*.

**Syn.** 1739, ? *Colum marinum*, *Plancus*, Conch. p. 43. tab. 41. fig. 6.

1767, ? *Actinia judaica*, *Linnaeus* 12a. p. 1088.

1788, ? - - *Linnaeus-Gmelin* 13a. p. 3133.

1824, ? - *nudata*, *Martens*. Vened. vol. 2. p. 525.

1829, - *diaphana*, *Rapp*, Polyp. p. 58.

1834, - - *Ehrenberg*, Roth. p. 41.

1837, *Cribrina diaphana*, *Lamarck*, Hist. 3a. vol. 1. p. 547.

1841, *Actinia diaphana*, *Delle Chiaje*, Anim. vol. 4. p. 127. vol. 5. p. 139. tab. 154.

1857, *Adamsia diaphana*, *Milne Edwards*, Cor. vol. 1. p. 282.

**Descr.** Ilyanthus tentaculis longis, flexuosis, conico-acuminatis, regulariter radiatis.

**Hab.** In sinu Mergellinae ac in Pausilypi brevibus non infrequens; Mtr. 8,00 circiter profunda, arenam diligit et limum.

**Var.**  $\alpha$ ) communis = corpore toto homochromico.

$\beta$ ) maculata = tentaculis praesertim basi-fusco maculatis, ibidemque annulo pallidiore circumdatis; disco radiis fusco-punctatis et stellula albicante centrali ornato.

### Sp. 35. Ilyanthus stellatus.

**Syn.** 1841, ? Cerianthus actinoides, *Delle Chiaje*, Descriz. vol. 4. p. 124. vol. 5. p. 136. tab. 153. fig. 11.

**Descr.** Ilyanthus tentaculis longis, rigidiusculis quinque in fasciculis stellate dispositis.

**Hab.** Unum jamdiu specimen allatum fuit (nuper alterum) ab aquis Bendapalumbi.

### Gen. XIX. Peachia.

Peachia (pars), *Gosse* 1855, *Milne Edwards* 1857.

Siphonactinia *Danielssen et Koren* 1856.

Peachia, *Gosse* 1858, *Fischer* 1875.

Peachia (pars), *Klunzinger* 1877.

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Ilyanthidae columnâ laevi, conchulâ instructae.

### Sp. 36. Peachia triphylla.

**Syn.** 1860, Peachia triphylla, *Gosse*, Actinol. p. 243. tab. 10. fig. 2.

**Descr.** Peachia conchulâ triloba.

**Hab.** Juxta Barbajam (Trattoria del Figlio di Pietro) in arena littoris non rara; Mtr. 4,00 profunda.

**Obs.** Utrum specimina apud *Gosseum* memorata specie cum meis consociari debeant. dubius sum; conchula enim hujus tria habet capitula, non foliaceas appendices.

### Gen. XX. Halecampa.

Actinia (pars), *Peach* 1847, *Cocks* 1851, *Stimpson* 1856.

Peachia (pars), *Gosse* 1855, 1856, *Fischer* 1875, *Klunzinger* 1877.

Edwardsia (pars), *Stimpson* 1855.

Halecampa (pars), *Gosse* 1858, 1860, *Verrill* 1862, *Studer* 1878.

Corynactis (pars), *Agassiz* 1859.

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Ilyanthidae columnâ furfuracea, transverse striata.

Sp. 37. *Halecampa endromitata*.

**Descr.** Halecampa haud parva, duodecim-invecta, arenae granulis tecta.  
**Hab.** Ad Palazzo di Donn' Anna semel reperta.

B. *Cerianthinae* (vide p. 308).

Actinozoa malacodermata, solitaria, multi-radiata, mollia; tentaculis plurimis ordine duplici, marginali nempe et orali, dispositis.

Fam. 8a. *Cerianthidae*.

*Cerianthidae*, *Milne Edwards et Haime* 1852, *Milne Edwards* 1857.

*Ilyanthidae* (pars), *Gosse* 1855, 1860.

*Cerianthidae* (pars), *Verrill* 1862 (abs. Gen. *Arachnactis*).

*Cerianthinae* tubo seu vaginâ protectionis praeditae.

Gen. XXI. *Cerianthus*.

*Tubularia* (pars), *Spallanzani* 1786, *Linnaeus* 1789, *Rapp* 1829.

*Actinia* (pars), *Renier* 1804, *Grube* 1840.

*Moscata*, *Renier* 1829.

*Moschata*, *Blainville* 1830, 1834.

*Cereus* (pars), *Ilmoni* 1830.

*Cibrina* (pars), *Deshayes* 1837.

*Edwardsia*, *Forbes* 1847.

*Cerianthus*, *Delle Chiaje* 1836, 1841, *Verany* 1846, *Haime* 1854, *Milne Edwards* 1857, *Gosse* 1860, *Verrill* 1865, *Agassiz* 1866, *Verrill* 1866, *Fischer* 1875, *Heider* 1879.

? *Paractis* (pars), *Klunzinger* 1877.

*Dianthea* (larva), *Busch* 1851.

*Cerianthidae* poro basilari perforatae<sup>1</sup>.

Sp. 38. *Cerianthus membranaceus*.

**Syn.** 1784, Fiore di mare, *Spallanzani*, Mem. vol. 2. p. 627.

1786, *Tubularia* sp. n., *Spallanzani*, Opusc. p. 201.

1789, - *membranacea*, *Linnaeus-Gmelin*, p. 3836.

1804, *Actinia cylindrica*, *Renier*, Prodr. p. 23.

1807, - *vestita*, *Renier*, Tavole, tab. 4.

1812, (?) *Rhododactylus vestitus*, *Renier*, Comp. parag. 39.

1828, *Moscata rhododactyla*, *Renier*, Elem. tab. 11.

1830, ? *Cereus cupreus*, *Ilmoni*, Isis p. 694. tab. 7.

- *Moschata rhododactyla*, *Blainville*, Zooph. p. 284.

- ? ? *Delle Chiaje*, Mem. tab. 103. fig. 8.

1834, - ? *Blainville*, Actinol. p. 318. tab. 48. fig. 1.

<sup>1</sup> Utrum genus absqne poro extet (*Saccanthus* nempe *Milne Edwardsii*) dubium esse videtur.

- 1834, ?  $\left\{ \begin{array}{l} \text{Anemonia ?} \\ \text{Actinecta ?} \\ \text{Ectacmaea ?} \end{array} \right\}$  *Ehrenberg*, Roth. p. 43.  
                   -                   -                   p. 44.  
                   -                   -                   p. 39.
- 1837, ? *Cribrina bellis*, *Deshayes* in Lam. Hist. 3a. vol. 1. p. 547, nota.
- 1840, *Actinia elongata*, *Grube*, Actin. p. 11.
- 1841, *Cerianthus cornucopiae*, *Delle Chiaje*, Descr. vol. 4. p. 124. vol. 5. p. 136. tab. 155. fig. 16. tab. 156. fig. 8.
- 1844, *Moschata rhododactyla*, *Contarini* (vide *Renier* 1847).
- 1846, *Moscata* sp., *Koch* (vide *Renier* 1847).
- 1847, - *rhododactyla*, *Renier-Meneghini*, Osserv. p. 75. tab. 3, 4.
- 1851, *Cerianthus cornucopia*, *Milne Edwards et Haime*, Arch. vol. 5. p. 14.
- 1854, - *membranaceus*, *Haime*, Ann. 4a. vol. 1. p. 352. tab. 7, 8.
- 1857, - - - *cylindricus* } *Milne Edwards* p. 309.
- 1875, - *membranaceus*, *Fischer*, Compt. rend. vol. 86. p. 1207.
- 1879, - - - *Heider*, Wien. Akad. vol. 79. p. 204. tab. 1—6.

**Descr.** *Cerianthus* duobus tantum mesenteriis maximis.

**Hab.** Species frequentissima; Mtr. 3 profunda; in arena.

**Var.** conplures; precipuae sunt:  $\alpha$ ) *nigricans* = corpore violaceo-nigricante homochromico.

$\alpha\alpha'$  = tentaculis violaceo-nigricantibus.

$\alpha\beta'$  = tentaculis labialibus violaceo-nigricantibus, marginalibus griseo-annulatis.

$\alpha\gamma'$  = tentaculis griseo-annulatis.

$\beta\gamma$  *violaceus* = columnna violacea.

$\beta\alpha'$  = tentaculis annulatis griseo-violaceis.

$\beta\beta'$  = tentaculis annulatis griseoflavis, vel badiis.

$\gamma$  *roseus* = columnnâ rosea, tentaculis albicantibus annulatis.

$\delta\gamma$  *viridis* = columnnâ violacea, tentaculis laete viridibus.

**Observ.** Omnes semper C. membranacei varietates viridem quamdam tentaculorum iridescentiam possident. — *Cylindrica Milne-Edwardsii* speciem pro varietate membranaceae habeo; utrum extet dubius sum.

### Sp. 39. *Cerianthus solitarius*.

- Syn.** 1829, *Tubularia solitaria*, *Rapp*, Curios. vol. 14. p. 653. tab. 38. fig. 2.  
 1829, - - - *Rapp*, Actin. p. 48.  
 1830, ? *Cereus cupreus*, *Ilmoni*, Isis p. 694. tab. 7.  
        ? ? *Delle Chiaje*, Mem. tab. 103. fig. 2.  
 1836, *Cerianthus Brerae*, *Delle Chiaje*, Istituz. p. 142. tab. 2. fig. 6.  
 1841, - - - *Delle Chiaje*, Descr. vol. 4. p. 124. vol. 5. p. 136. tab. 156. fig. 2.

**Descr.** *Cerianthus* octo mesenteriis maximis, badius.

**Hab.** In Portu, atque ad S. Luciam, Oppidum Ovi, Mergellinam, Nisitamque frequens; — profunditatem, jacituramque membranacei diligit.

### Sp. 40. *Cerianthus profundus*.

**Descr.** *Cerianthus* quatuor mesenteriis maximis.

**Hab.** Semel ab imis Gajolae allatus.

**Observ.** Externe formâ et colore varietati  $\beta\beta'$  membranacei simillimum esse videtur.

### Sp. 41. *Cerianthus nans.*

**Descr.** Cerianthus parvus, pauci-tentaculatus, luteolus.

**Hab.** Unicum specimen obtinui e sinu Mergellinae.

**Observ.** Anatomica investigatio hucus deest.

### C. *Edwardsinae* (vide p. 308, 330).

Actinozoa malacodermata, solitaria, octo-radiata, mollia, tentaculis paucis, ordine unico, marginali scilicet, dispositis.

### Fam. 9a. *Edwardsidae.*

Actinies pivotantes (pars) *Milne Edwards* 1857.

Ilyanthidae (pars), *Gosse* 1858, 1860, *Verrill* 1862, *Klunzinger* 1877.

Adhuc familia unica. *Edwardsinae* liberae, columnâ octo-invecta, tuberculata, praeditae, acontiis, cinclidibusque carentes.

### Gen. XXII. *Edwardsia.*

*Actinia* (pars), *Stimpson* 1853.

*Edwardsia*, *Quatrefages* 1842, *Gosse* 1855, *Milne Edwards* 1857, *Fischer* 1875, *Klunzinger* 1877, *Studer* 1878.

*Lecythia*, *Sars* 1848.

*Scolanthus*, *Gosse* 1848 (non *Holdsworth* 1855).

*Edwardsia*      } *Gosse* 1859.  
*Halcampa* (pars)      }

*Edwardsia* (pars), *Verrill* 1866.

*Arachnaeis* (larva) *Sars* 1846.

*Kalliphobe* (larva), *Busch* 1851.

*Edwardsidae* columnâ tribus in regionibus, capitulo, scilicet, scapo et physa distincta, instructae.

### Sp. 42. *Edwardsia Claparèdii.*

**Syn.** 1842, ? *Edwardsia Beaumontii*, *Quatrefages* Ann. 2a. vol. 18. p. 69. fig. 1.  
1857, ? - *Beaumontis*, *Milne Edwards*, Cor. vol. 1. p. 285.

1869, *Halcampa Claparèdii*. *Panceri*, Atti vol. 4. num. 11. tab. un. fig. 9.  
1869, *Urophysalus Grubii*, *Costa*, Annuar., ann. 5. p. 56. tab. 3. fig. 2.

**Descr.** *Edwardsia* tentaculis sedecim subulatis.

**Hab.** Rara quamvis non rarissima; ab imis Bendapalumbi et Forii aquis nec non a brevibus Pausilypi et Sancti Petri allata; — variam amat profunditatem; tunc in arena, tunc in zosterae cespibus vivit.

**Var.**  $\alpha$ ) *carnea* = capitulo columnae carneo octo-maculato; scapo luteofusco.

- $\beta$  ornata = capitulo columnae luteolo lineâ octo-angulari, fusca et octo ejusdem coloris punetis ornato; scapo badio.  
 $\gamma$  simplex = capitulo homochromico flavo; scapo flavo-fusco.  
 $\delta$  stellata = capitulo fusco-purpureo, inferius pallidiore, homochromico, superius nigricante stellulis albidis depicto.

**Observ.** Specimina oncu retracta facillime pro Phascolosomatis speciebus habentur.

### Sp. 43. *Edwardsia janthina*.

**Descr.** *Edwardsia* duodecim-tentaculata.

**Hab.** Specimen hucus unicum a Forii fundis allatum, nondumque anatomice investigatum. In Melobesiarum cavis timidissime vivit.

### D. *Zoanthinae* (vide p. 308, 330, 332).

Actinozoa malacodermata saepe gregaria, coriacea hexaradiata (?) tentaculis multis, ordine unico marginali dispositis.

Hujus forsitan sobolis formae omnes in unico genere consociari non obnituntur.

### Fam. 10 a. *Zoanthidae*.

*Zoanthaires* coriacés, *Blainville* 1830.

*Zoanthina* coriacea, *Ehrenberg* 1834.

*Zoanthidae*, *Dana* 1846, 1860, *Verrill* 1862.

*Zoanthinae*, *Milne Edwards* 1857.

*Zoanthacea* (pars), *Verrill* 1865 (abs. gen. *Bergea*).

*Zoantharia*, *Klunzinger* 1877.

*Zoanthinae* granulis lapideis plus minusve obductae.

### Gen. XXIII. *Zoanthus*.

*Actinia* (pars), *Ellis* 1767.

*Hydra* (pars), *Linnaeus-Gmelin* 1788.

*Zoanthus*, *Cuvier* 1797, *Lamouroux* 1821, *Delle Chiaje* 1828, 1841, *Gosse* 1860.

*Zoantha*, *Lesueur* 1817, *Lamarek* 1819, *Dana* 1846.

? *Tilesius*.

*Palythoa* (pars), *Savigny-Audouin* 1826.

*Actinorhyza*, *Blainville* 1830.

*Zoanthus*, *Ehrenberg* 1834, *Andres* 1877.

? *Spongia* (pars), *Johnston* 1834.

? *Dysidea*, *Johnston* 1842.

*Zoanthus* (pars), *Johnston* 1847, *Milne Edwards* 1857, *Klunzinger* 1877.

*Zoanthidae* polypa sparsim gregaria e discretis coenenchymatis stolonibus ad-surgentia complectentes.

### Sp. 44. *Zoanthus dubius*.

**Syn.** 1767, ? *Actinia sociata*, *Ellis*, *Ph. Tr.* vol. 57. p. 436. tab. 19. fig. 1, 2.

1786, ? - - *Ellis* et *Solander*, *Cor. p. 5. tab. 1. fig. 1, 2.*

1788, ? *Hydra* - *Linnaeus-Gmelin*, vol. 3. part. 6. p. 3868.

- Syn.** 1797, ? *Zoanthus sociatus*, *Cuvier*, Tabl. p. 653.  
 1801, ? - - *Lamarck*.  
 1817, - *dubius*, *Lesueur*, Philad. Acad. vol. 1. p. 177. tab. 8.  
 1828, - *Ellisii*, *Delle Chiaje*, Mem. vol. 3. p. 99. tab. 36. fig. 1, 2.  
 1830, - *dubius*, *Blainville* p. 295.  
 1834, *Spongia suberea*, *Johnston*, Mag., vol. 7. p. 491.  
 1838, *Zoanthus Couchii*, *Couch*, Corn. vol. 3. p. 73. tab. 15. fig. 3.  
 1841, — *lobatus*, *Delle Chiaje*, Descr. vol. 4. p. 123. vol. 5. p. 136.  
 tab. 85. fig. 1, 2.  
 1842, *Dysidea papillosa*, *Johnston*, Spong. p. 190. fig. 18. tab. 16. fig. 6, 7.  
 1845, - - *Landsborough*, Ann. 1a. vol. 15. p. 327.  
 1847, *Zoanthus Couehii*, *Johnston*, Zooph. 2a. vol. 1. p. 202. tab. 35. fig. 9.  
 1857, - *dubius*, *Milne Edwards*, Cor. vol. 1. p. 300.  
 1858, - *Couchii*, *Holdsworth*, Zool. Soc. tab. 10. fig. 3—7.  
 1860, - - *Gosse*, Actin. p. 297. tab. 9. fig. 9, 10. tab. 10.  
 fig. 5.  
 — ? - *arcticus*, *Sars*, Christ. Forh.  
 1862, ? - *parasiticus*, *Verrill*, Bost. Mem. vol. 1. p. 34.

**Descr.** *Zoanthus parvus*, laevis.

**Hab.** Haud frequens; testaceis saxisque adnatus.

#### Gen. XXIV. Polythoa.

? *Lapidis stellaris primordia*, *Sloane* 1707.

? *Aleyonium* (pars), *Ellis et Solander* 1786, *Gmelin* 1788.

*Polythoa* (pars), *Lamouroux* 1816, *Dana* 1846, *Milne Edwards* 1857, *Klunzinger* 1877.

*Corticifera*, *Lesueur* 1817, *Blainville* 1830.

*Cavolinia* (pars), *Schweigger* 1820.

*Isaura* (pars), *Savigny* 1826.

*Palythoa*, *Ehrenberg* 1834, *Andres* 1877.

*Zoanthus* (pars), *Gosse* 1860.

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Zoanthidae polypa serratim gregaria, de tota columnae longitudine connata complectentes.

#### Sp. 45. Polythoa arenacea.

- Syn.** 1767, ? *Actinia sociata*, *Ellis*, Ph. Tr. vol. 57. p. 436. tab. 19. fig. 1, 2.  
 1788, ? *Hydra sociata*, *Linnæus-Gmelin* p. 3568.  
 1797, ? *Zoanthus sociatus*, *Cuvier*, Tabl. p. 653.  
 1828, - *arenaceus*, *Delle Chiaje*, Mem. tab. 80. fig. 11, 12.  
 1841, - - *Delle Chiaje*, Descr. vol. 4. p. 123. vol. 5.  
 p. 136. tav. 98. fig. 11.  
 1857, *Palythoa arenacea*, *Milne Edwards*, Cor. vol. 1. p. 306.

1860, ? *Zoanthus arcticus*, *Sars*, Christ. Forh.

1862, ? - *parasiticus*, *Verrill*, Bost. Soc. vol. 1. pl 34.

**Descr.** *Palythoa* polypis exiguis, discretis; coloniis numerosis.

**Hab.** Haud rara; saxis, conchisque adnata.

## Gen. XXV. Mammillifera.

*Madrepora* (pars), *Cavolini* 1785.

*Alcyonium* (pars), *Ellis et Solander* 1786.

*Palythoa* (pars), *Lamouroux* 1816, *Savigny-Audouin* 1826, *Klunzinger* 1877.

*Mammillifera*, *Lesueur* 1817, *Blainville* 1830, *Ehrenberg* 1834, *Andres* 1877.

*Cavolinia*, *Schweigger* 1820.

*Palythoe* (pars), *Dana* 1846.

*Zoanthus* (pars), } *Milne Edwards* 1857.

*Palythoa* (pars). } *Zoanthus* (pars), *Gosse* 1860.

Zoanthidae polypa vix serratim gregaria, basi tantum sed in extenso coenenchymate unita complectentes.

## Sp. 46. Mammillifera denudata.

**Syn.** 1785, *Madrepora denudata*, *Cavolini*, Mem. p. 57. tab. 3. fig. 6.

1817, *Mammillifera Cavolini*, *Lesueur*, Philad. Acad. vol. 1. p. 178.

1820, *Cavolinia rosea*, *Schweigger*, Naturg. p. 411.

1834, *Mammillifera denudata*, *Ehrenberg*, Roth. p. 46.

1846, *Polythoa denudata*, *Dana*, Zooph. p. 423.

**Descr.** *Mammillifera* polypis clavatis, purpureis, crassis.

**Hab.** Juxta Nisitam semel reperta.

## Sp. 47. Mammillifera axinellae.

**Syn.** 1826, ? *Polythoa Bertholetii*, *Savigny-Audouin* . . . .

1835, ? *Hyalonema Sieboldii*, *Gray*, Zool. Soc. vol. 2. p. 63.

1860, ? *Polythoa fatua*, *Schultze*, Hyalon. p. 28, 42. tab. 5. fig. 4—5.

1862, - *Axinellae*, *Schmidt*, Spong. p. 61. tab. 6. fig. 2, 3.

**Descr.** *Mammillifera* polypis cylindricis. Inteis, crassis.

**Hab.** Ab imis Vivarae Chiajaeque fundis, multoties extracta; axinellis adnata.

**Observ.** Hac de specie scripturo quaestio primum occurrit quae jamdiu doctos *Schultzeum*, *Grayum*, *Bowerbankum*, *Ehrenbergium* aliosque torcuit, de vera nempe *Hyalonematis* vel *Polythoae* natura.

## Gen. XXVI. Hughea.

*Actinocereus* (pars), *Oken* 1815.

*Palythoa* (pars) } *Savigny-Audouin* 1826.  
Isaura }

*Mammillifera* (pars), *Blainville* 1830.

*Hughea*, *Ehrenberg* 1834.

? *Sidisia*, *Gray* 1858.

*Zoanthus (pars)*, Gosse 1860, *Klunzinger* 1877.

? *Palythoaster*, Haeckel 1876<sup>1</sup>.

*Isaurus*, Andres 1877.

Zoanthidae polypis non gregariis.

### Sp. 48. *Hugheae emaciata*.

Semel tantum visa.

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<sup>1</sup> Vide supra: Gen. XVI *Corynactis*.

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Corynactis . . . . IV, XV, XX, XXVI		Ellisii, Zoanthus . . . . .	44
Corynactis . . . . XVI		elongata, Actinia . . . . .	38
- Allmanni . . . . .	32	- Cerianthus . . . . .	38
- earnea . . . . .	7	emaciata, Hugheia . . . . .	48
- viridis . . . . .	32	endromitata, Halcampa . . . . .	37
Costae, Cladactis . . . . .	14	Entacmaea . . . . .	I, II, III
Couchii Zoanthus . . . . .	44	entacmaea crispa, Actinia . . . . .	19
crassicornis, Actinia . . . . .	3	- mesembryanth. Actinia . . . . .	2

equina, <i>Actinia</i>	1, 2.	Ilyactis	torquata	25
- (exondante), <i>Actinia</i>	1	Ilyanthus	. . . . .	XIII, XVIII
- semiovalis, <i>Actinia</i>	1	Ilyanthus	. . . . .	XVIII
equinus, <i>Priapus</i>	1	-	diaphanus	34
espèce première d'Anémone	1	-	stellatus	35
explicata, <i>Urtica</i>	3	iris, <i>Actinia</i>	. . . . .	1
explorator, <i>Actinia</i>	19	Isaemaea	. . . . .	X, XVIII
Fiore di mare	37	isaemaea, <i>Actinia viduata</i>	. . . . .	19
fiscella, <i>Actinia</i>	1	Isaura	. . . . .	XXIV, XXVI
flagellifera, <i>Actinia</i>	3	Isaurus	. . . . .	XVI
Forskaelii, <i>Actinia</i>	1	janthina, <i>Edwardsia</i>	. . . . .	43
fragacea, <i>Actinia</i>	1	judaica, <i>Actinia</i>	. . . . .	34
fusco-rubra, <i>Actinia</i>	11	Kalliphobe	. . . . .	XXII
gelatinosa, <i>Actinia</i>	7	lacerata, <i>Actinia</i>	. . . . .	19
gemmacea, <i>Actinia</i>	9	Lecythia	. . . . .	XXII
- <i>Hydra</i>	9	limicola, <i>Phellia</i>	. . . . .	30
gemmaeus, <i>Bunodes</i>	9	lobatus, <i>Zoanthus</i>	. . . . .	44
- <i>Cereus</i>	9, 10	longitudinalibus rugis, <i>Actinia</i>	. . . . .	3
Gephyra	IV	maculata, <i>Actinia</i>	. . . . .	20
- <i>Dohrnii</i>	7	- Adamsia	. . . . .	20
glandulosa, <i>Actinia</i>	9, 10, 11	Madrepora	. . . . .	XXV
- <i>Bunodes</i>	10	- denudata	. . . . .	46
- <i>Cribrina</i>	10	Mammillifera	. . . . .	XXV, XXVI
glandulosus, <i>Cereus</i>	10	Mammillifera	. . . . .	XXV
globulifera, <i>Actinia ectemaea</i>	32	- axinellae	. . . . .	47
graminea, <i>Actinia</i>	2	- Cavolinii	. . . . .	46
Grubii, <i>Urophysalus</i>	41	- denudata	. . . . .	46
Halcampa	XVII, XXII	mare, Fiore di	. . . . .	37
Halcampa	XX	margaritifera, <i>Actinia</i>	. . . . .	1
- endromitata	37	marina, <i>Urtica</i>	. . . . .	1
Heliactis	X	marinum, <i>Colum</i>	. . . . .	34
- bellis	17	marmorata, <i>Sagartia</i>	. . . . .	16
- troglodytes	18	Medusa	. . . . .	XI
- viduata	19	Medusa palliata	. . . . .	20
hemisphaerica, <i>Actinia</i>	1	- species prima	. . . . .	1
Heteractis	XV, XVII	membranacea, <i>Tubularia</i>	. . . . .	38
Hughe a	XXVI	membranaceus, <i>Cerianthus</i>	. . . . .	38
- emaciata	48	mentula, <i>Tethys semiovatus</i>	. . . . .	1
hyalina, <i>Actinia</i>	16	mer, Ortie de	. . . . .	1
Hyalonema Sieboldii	47	mesembryanthemum, <i>Actinia</i>	. . . . .	1
Hydra	I, II, X, XXIII	- entacmaea <i>Ac-</i>		
- bellis	17	tinia	. . . . .	1
- calyciflora	17	- <i>Hydra disciflora</i>	1	
- cereus	3	mollis subfusca, <i>Actinia</i>	. . . . .	1
- disciflora	1, 9, 10	monile, <i>Actinia</i>	. . . . .	10
- gemmacea	9	Moscata	. . . . .	XXI
- sociata	43	Moschata	. . . . .	XXI
- tentaculitis deundatis	3	mutabilis, <i>Actinia</i>	. . . . .	19
Iluanthos	XVIII	nans, <i>Cerianthus</i>	. . . . .	41
Ilyactis	XIII	nudata, <i>Actinia</i>	. . . . .	34

nunnumus, <i>Phellia</i>	26	quarta species, <i>Urtica</i>	16
Ortie de mer	1	rhododactyla, <i>Moseata</i>	38
pallidata, <i>Adamsia</i>	20	- <i>Moschata</i>	38
- <i>Cribrina</i>	20	rhododactylos, <i>Actinia</i>	12
- <i>Medusa</i>	20	<i>Rhododactylus vestitus</i>	38
Palythoa XXIII, XXIV, XXV, XXVI		Rondeletii, <i>Actinia</i>	16
- <i>arenacea</i>	4	rosea, <i>Cavolinia</i>	46
- <i>Bertholetii</i>	47	ruber, <i>Priapus</i>	1
- <i>axinellae</i>	47	rubra, <i>Actinia</i>	1, 3
Palythoaster	XVI, XXVI	- <i>Urtica</i>	1, 3
Palythoe	XXV	<i>rubripunctata</i> , <i>Actinia</i>	10, 11, 12, 13
papillosa, <i>Dysidea</i>	44	<i>rufa</i> , <i>Actinia</i>	1, 18
Paractis	III, X, XXI	<i>rugis longitudinalibus</i> , <i>Actinia</i>	3
Paractis	III	<i>rugosa</i> , <i>Paractis</i>	7
- <i>comata</i>	5	Saccanthus	XXII
- <i>punctata</i>	6	Sagartia	IX, X, XII
- <i>rugosa</i>	4	- <i>bellis</i>	17
- <i>viduata</i>	19	- <i>effoeta</i>	16
parasita, <i>Actinia</i>	20	- <i>marmorata</i>	16
parasitica, <i>Actinia</i>	16	- <i>parasitica</i>	16
- <i>Sagartia</i>	16	- <i>polypus</i>	16
parasiticus, <i>Zoanthus</i>	45	- <i>troglodytes</i>	18
Peachia	XX	- <i>viduata</i>	19
Peachia	XIX	saxicola, <i>Aiptasia</i>	23
- <i>triphylla</i>	36	saxo-innata, <i>Urtica</i>	3
pedunculata, <i>Actinia</i>	10, 11, 17	Scolanthus	X, XXII
pedunculus, <i>Cereus</i>	17	- <i>sphoeroides</i>	18
Phellia	XIV	semiovalis, <i>Actinia equina</i>	1
- <i>armata</i>	27	semiovatus, <i>Tethys mentula</i>	1
- <i>cylinder</i>	28	Sidisia	XXVI
- <i>nummus</i>	26	Sieboldii, <i>Hyalonema</i>	47
- <i>timida</i>	29	Siphonactinia	XIX
picta, <i>Actinia</i>	20	sociata, <i>Actinia</i>	44, 45
polypus, <i>Sagartia</i>	16	- <i>Hydra</i>	44, 45
Polythoa	XXIV	sociatus, <i>Zoanthus</i>	44, 45
Polythoa	XXIV	sol, <i>Cereus</i>	17
- <i>arenacea</i>	45	species prima, <i>Medusae</i>	1
- <i>Bertholetii</i>	47	- <i>quarta</i> , <i>Urticeae</i>	16
- <i>denudata</i>	46	- <i>tertia</i> , <i>Priapi</i>	16
- <i>fatua</i>	47	Spongia	XXIII
première espèce, <i>Anemone</i>	1	- <i>suberea</i>	44
Priapi tercia species	16	strumosa, <i>Buno deopsis</i>	8
Priapus	I, II, IX	suberea, <i>Spongia</i>	44
- <i>equinus</i>	1	subfuscata, <i>Actinia</i>	1
- <i>ruber</i>	1	sulcata, <i>Actinia</i>	3
- <i>viridis</i>	1	- <i>Anemonia</i>	3
prima species <i>Medusae</i>	1	sulcatus, <i>Actinocereus</i>	3
profundus, <i>Cerianthus</i>	40	tabella, <i>Actinia</i>	2
punctata, <i>Paractis</i>	8	Templetonii, <i>Actinia</i>	17
purpurea, <i>Actinia</i>	1	Thelactis	XII

Thelactis simplex . . . . .	22	- Anemonia . . . . .	3
timida, Phellia . . . . .	29	verrucosa, Actinia . . . . .	9, 10, 11
torquata, Ilyactis . . . . .	25	- Bunodes . . . . .	9
triphylla, Peachia . . . . .	36	- Cribrina . . . . .	9
troglodytes, Actinia . . . . .	18	vestita, Actinia . . . . .	38
- Sagartia . . . . .	18	viduata, Actinia . . . . .	19
Tubularia . . . . .	XXI	- isacmaea Actinia . . . . .	19
Tubularia membranacea . . . . .	35	- Heliactis . . . . .	19
- solitaria . . . . .	39	- Paraectis . . . . .	19
turgida, Aiptasia . . . . .	21	- Sagartia . . . . .	19
undata, Actinia . . . . .	19	viridis, Actinia . . . . .	3
- Paraectis . . . . .	29	- Corynactis . . . . .	32
Urophysalus . . . . .	XXII	zebra, Actinia . . . . .	19
- Grubii . . . . .	42	Zoanthus . . . . .	XXIV, XXV, XXVI
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- cinerea . . . . .	3, 19	- arcticus . . . . .	44
- explicata . . . . .	3	- arenaceus . . . . .	45
- marina . . . . .	1	- Couchii . . . . .	44
- quarta . . . . .	16	- dubius . . . . .	44
- rubra . . . . .	1, 3	- Ellisii . . . . .	44
Urtica species quarta . . . . .	16	- lobatus . . . . .	44
- saxo-innata . . . . .	3	- parasiticus . . . . .	44
vagans, Actinia . . . . .	3	zonata, Actinia . . . . .	1

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