

With the Compiler's Compliments.

MUSEUM NORMANIANUM,

OR

A Catalogue of the Invertebrata

OF

EUROPE, AND THE ARCTIC AND NORTH ATLANTIC OCEANS,

WHICH ARE CONTAINED IN THE COLLECTION OF

THE REV. CANON A. M. NORMAN, M.A., D.C.L., F.L.S.

III.—CRUSTACEA.

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PREFATORY NOTES.

THE collections to which these Catalogues refer is confined to the Fauna of Europe, together with that of the Arctic and North Atlantic Oceans, including the Seas connected with them.

The North Atlantic Ocean is here regarded as terminating towards the South at lat. 35° N. ; or, at a line drawn from a little to the South of the Straits of Gibraltar on the Eastern, to about Cape Hatteras on the Western side. This boundary is adopted as perhaps the best to embrace the Arctic and Temperate regions, and, at the same time, to exclude the tropical animals of the Gulf of Mexico. The entire area of the Mediterranean is of course included.

These Catalogues are printed in order to make known to Curators of Museums and private Naturalists the present condition of my collection, and to invite exchange.

Opportunities of adding species, which are among my desiderata, either by exchange or purchase will, I hope, thus be afforded to me.

I shall be glad to send, in return for animals received, species either from the present or other classes of Invertebrata which may be preferred. Of course it will be understood that a Catalogue which embraces my entire collection necessarily includes a large number of forms of which there are no duplicates.

Letters should be addressed,—

BURNMOOR RECTORY,

FENCE HOUSES,

CO. DURHAM, ENGLAND.

In the following table will be found a summary of the total number of the several orders of described Crustacea which inhabit Europe and the Arctic and North Atlantic Oceans. It will be seen that their number is nearly three times as great as that of the species of the entire world known to Milne Edwards when he published his classical work. While, on the one hand, it is certain that very many of the forms in column III. will hereafter prove spurious or synonymous with others : on the other hand, we know little of the Amphipoda of the Western Atlantic, and nothing of the Ostracoda free living Copepoda and other smaller Crustacea of that district, and very little of those of some other parts of the area. I venture to prophecy that when the Crustacean

Fauna of the Arctic and Temperate Regions shall have been thoroughly investigated, it will hereafter be found to embrace not less than 5,000 species. It was little suspected a generation ago that the Crustacea is the class which undoubtedly embraces more forms than any other outside the Insecta.

	I. Total Crustacea described from the World in Milne Edwards' 'Histoire des Crustacés.'	II. Species in Milne Edwards' from the Area of this Catalogue.	III. Species now described from the Area of this Catalogue.	IV. Species in the Collection of A. M. N.
CRUSTACEA.				
BRACHYURA.....	321	72	169	100
ANOMURA.....	82	22	87	39
MACRURA.....	46	11	34	17
CARIDA.....	145	64	182	82
SCHIZOPODA.....	24	12	102	58
STOMATOPODA.....	34	5	8	4
CUMACEA.....	1	1	100	66
ISOPODA.....	204	102	406	161
AMPHIPODA.....	130	95	663	272
XIPHOSURA.....	5	1	1	1
PHYLLOPODA.....	13	12	28	15
CLADOCERA.....	27	27	168	100
BRANCHIURA.....	2	2	9	3
OSTRACODA.....	44	41	369	206
COPEPODA.....	104	83	810	204
CIRRIPIEDIA.....	—	—	73	34
	1182	550	3209	1362

The above summary will indicate the large gaps which remain to be filled in every order; but I shall be especially obliged to those Naturalists who can aid in making the collection more complete in any of the following special points:—

1. Crustacea of the Black and Caspian Seas.
2. Abyssal Atlantic forms.
3. Grapsoidea, Carida, Schizopoda and Cumacea of the Mediterranean.
4. Astacidæ and Phyllopoda of Eastern Europe.
5. European Land Isopoda.
6. Amphipoda of Norway, Arctic Ocean, Abyss of Atlantic, and Mediterranean.
7. Ostracoda and Copepoda of American Coast, and the Mediterranean.
8. Parasitic Copepoda from the entire region, greatly desired.
9. Abyssal Atlantic Cirripedia, the Turtle Parasites, and Rhizocephala.

Of course all other species which are not in this list, will be most acceptable.

March 3rd, 1886.

MUSEUM NORMANIANUM.

III.—CRUSTACEA.

Order I.—Brachyura.

- Nautilograpsus.**
1 minutus, Fabr.
- Grapsus.**
2 marmoratus, Fabr.
- Sesarma.**
3 reticulata, Say.
- Heterograpsus.**
4 Lucasi, M. Edw.
- Ocypoda.**
5 quadrata, J. C. Fab.
- Gelasimus.**
6 minax, Leconte.
7 vocator, Herbst.
8 pugitator, Lat.
- Geryon.**
9 tridens, Kröyer.
10 longipes, A. M. Edw.
11 quinquedens, Smith.
- Pinnixa.**
12 cylindrica, Say.
13 chætopterana, Say.
- Pinnotheres.**
14 pisum, Penn.
15 veterum, Bosc.
16 ostreum, Say.
17 maculatus, Say.
- Corystes.**
18 cassivelaunus, Herbst.
- Atelecyclus.**
19 septemdentatus, Mont.
- Thia.**
20 polita, Leach.
- Polybius.**
21 Henslowii, Leach.

- Platyonichus.**
22 latipes, Penn.
23 nasutus, Latr.
24 ocellatus, Latr.
- Carcinus.**
25 mænas, Baster.
- Portunus.**
26 puber, Lin.
27 depurator, Lin.
28 holsatus, Fab.
29 marmoreus, Leach.
30 arcuatus, Leach.
31 pusillus, Leach.
32 corrugatus, Penn.
33 tuberculatus, Roux = pustulatus,
Norman.
34 longipes, Risso.
- Lupa.**
35 hastata, Lin.
- Callinectes.**
36 diacanthus, Latr.
- Bathynectes.**
37 longispina, Stimp.
- Eriphia.**
38 spinifrons, Herbst.
- Pilumnus.**
39 hirtellus, Penn.
40 spinifer, M. Edw.
41 tridentatus, Maitland.
- Panopeus.**
42 Herbstii, M. Edw.
43 depressus, Smith.
44 toxanus, Stimp.
- Xantho.**
45 floridus, Montagu.

- Xantho.**—continued.
 46 rivulosus, Risso.
 47 tuberculatus, Bell.
- Perimela.**
 48 denticulata, Mont.
- Cancer.**
 49 pagurus, Lin.
 50 irroratus, Say.
 51 borealis, Stimp.
- Heterocrypta.**
 52 Marionis, A. M. Edw.
- Lambrus.**
 53 angulifrons, Latr.
 54 mediterraneus, Roux.
 55 Verrillii, Smith.
- Lissa.**
 56 chiragra, Herbst.
- Libinia.**
 57 emarginata, Leach.
 58 dubia, M. Edw.
- Pelia.**
 59 mutica, Stimp.
- Eurynome.**
 60 aspera, Penn.
- Pisa.**
 61 tetraodon, Penn.
 62 biaculeata, Mont, = Gibbsii, Leach.
 63 nodipes, Leach.
- Scyramathia.**
 64 Carpenteri, Norman.
- Maia.**
 65 squinado, Rondel.
 66 verrucosa, M. Edw.
- Herbstia.**
 67 condyliata, M. Edw.
- Chionœcetes.**
 68 phalangium, Fabr.
- Hyas.**
 69 araneus, Lin.
 70 coarctatus, Leach.
- Acanthonyx.**
 71 lunulatus, Risso.
- Anamathia.**
 72 Rissoana, Roux.
 73 Agassizii, Smith.
- Inachus.**
 74 dorsettensis, Penn.
 75 thoracicus, Roux.
 76 dorynchus, Leach.
 77 leptochirus, Leach.
- Euprognatha.**
 78 rastellifera, Stimp.
- Ergasticus.**
 79 Clouei, A. M. Edw.
- Collodes.**
 80 robustus, Smith.
- Lispognathus.**
 81 Thomsoni, Norman.
- Achæus.**
 82 Cranchii, Leach.
- Stenorhynchus.**
 83 rostratus, Lin.
 84 longirostris, Fabr.
 85 ægyptius, M. Edw.
- Acanthocarpus.**
 86 Alexandri, Stimp.
- Calappa.**
 87 granulata, Fabr.
- Ebalia.**
 88 tuberosa, Penn, = Pennantii, Leach.
 89 tumefacta, Penn, = Bryerii, Leach.
 90 Cranchii, Leach.
 91 nux, Norman.
- Ilia.**
 92 nucleus, Herbst.
- Cymonotus.**
 93 granulatus, Norman.
- Ethusa.**
 94 mascarone, Roux.
- Dorippe.**
 95 lanata, Bosc.
- Cymopolia.**
 96 Caronii, Roux.
- Homola.**
 97 barbata, Herbst,
 98 Cuvieri, Roux.
- Dromia.**
 99 vulgaris, M. Edw.
- Latreillia.**
 100 elegans, Roux.
- Order II.—Anomura.**
- Lithodes.**
 101 maia, Lin.
- Hippa.**
 102 emerita, Fabr, = H. talpoidea, Say.
- Catapagurus.**
 103 Sharreri, A. M. Edw,
 = Hemipagurus socialis, Smith,

- Catapagurus.**—continued.
 104 gracilis, Smith.
Diogenes.
 105 varians, Costa, = *P. Dilwynii*, Bate.
Clibanarius.
 106 misanthropus, Risso.
 107 Rouxi, Heller.
Paguristes.
 108 maculatus, Risso.
Parapagurus.
 109 pilosimanus, Smith, = *Eupagurus*
 Jacobi, A. M. Edw.
Eupagurus.
 110 Bernhardus, Fabr, = *P. ulidianus*,
 Thomp., *P. Eblaniensis*, Kinahan.
 111 Prideauxii, Leach.
 112 pubescens, Kröyer = *P. Thompsoni*,
 Bell, E. Kröyeri, Stimp.
 113 sculptimanus, Lucas, = *P. Forbesii*,
 Bell.
 114 Lucasi, Heller, = *P. spinimanus*,
 Lucas.
 115 angulatus, Risso.
 116 meticolosus, Roux, = *P. tricarinatus*,
 Norman.
 117 anachoretus, Risso.
 118 longicarpus, Stimp.
 119 cuanensis, Thomp.
 120 politus, Smith.
 121 pollicaris, Say.
Spiropagurus.
 122 Hyndmanni, Thomp.
 123 lævis, Thomp.
 124 chiroacanthus, Lillj, = *P. ferrugineus*,
 Norman
Pagurus.
 125 striatus, Latr.
 126 callidus, Roux.
Porcellana.
 127 platycheles, Penn.
 128 longicornis, Penn.
Galathea.
 129 strigosa, Lin.
 130 squamifera, Leach.
 131 nexa, Embleton.
 132 intermedia, Lilljeborg = *G.*
 Andrewsii, Kinahan.
 133 dispersa, Bate.
Galathodes.
 134 tridentatus, Esmark

- Anoplnotus.**
 135 politus, Smith.
Munidopsis.
 136 curvirostris, Whiteaves.
Munida.
 137 Rondeletii, Bell.
 138 tenuimana, G. O. Sars.
 139 caribæa, Stimp.

Order III.—Macrura.

- Callianassa.**
 140 subterranea, Mont.
 141 Stimpsoni, Smith.
Gebia.
 142 deltura, Leach.
 143 affinis, Say.
Axius.
 144 serratus, L. Stimpson.
 145 stirhynchus, Leach.
Calliaxis.
 146 adriatica, Heller.
Callocaris.
 147 MacAndrei, Bell.
Palinurus.
 148 vulgaris, Latr.
Scyllarus.
 149 arctus, Fabricius.
 150 latus, Latr.
Homarus.
 151 vulgaris, M. Edw.
 152 americanus, M. Edw.
Polycheles.
 153 typhlops, Heller.
Astacus.
 154 pallipes, Lereb,
Nephrops.
 155 norvegicus, Lin.
Nephropsis.
 156 atlantica, Norman.

Order IV.—Carida.

- Crangon.**
 157 vulgaris, Lin.
 158 Allmanni, Kinahan.
 159 echinulatus, M. Sars.
 160 nanus, Kröyer.
 161 neglectus, G. O. Sars
 162 trispinosus, Bell.
 163 brevirostris, Smith
 164 Jacqueti, A. M. Edw.

Crangon.—continued.

- 165 spinosus, Leach.
 166 norvegicus, M. Sars.
 167 fasciatus, Risso.
 168 sculptus, Bell.
 169 cataphractus, Olivi.

Nectocrangon.

- 170 lar, Kröyer.

Sclerocrangon.

- 171 boreas, Kröyer.
 172 salebrosus, Owen, = *Cheraphilus*
ferox, Sars.
 173 *Agassizii*, Smith, = *Ceraphilus*
Agassizii, Smith.

Sabinea.

- 174 septemcarinata, Kröyer.
 175 Sarsii, Smith.
 176 princeps, Smith.

Glyptocrangon.

- 177 sculptus, Smith.

Gnathophyllum.

- 178 elegans, Latr.

Lysmata.

- 179 seticaudata, Risso.

Nika.

- 180 edulis, Risso.

Acanthephyra.

- 181 *Agassizii*, Smith.

Nematocarcinus.

- 182 ensifer, Smith.

Hymenodora.

- 183 glacialis, Bucholz.

Pasiphæa.

- 184 tarda, Kröyer.
 185 sivado, M. Edw.

Alpheus.

- 186 ruber, M. Edw.
 187 megacheles, Hailstone, = *A. Ed-*
wardsii Bate, *A. affinis*, Guise.
 188 dentipes, Guerin,
 189 *Costæ*, Prestandrea, = *A. lævimanus*,
 Heller.

Athanas.

- 190 nitescens, Leach.

Cryptocheles.

- 191 pygmæa, G. O. Sars.

Bythocaris.

- 192 Payeri, Heller.

Virbius.

- 193 varians, Leach.
 194 fasciger, Gosse.
 195 viridis, Otto, = *H. Whitei* and
Mitchelli, Thompson.
 196 productus, Norman.
 197 gracilis, Heller.
 198 leptocerus, Heller.
 199 zostericola, Smith.
 200 pleuracanthus, Stimpson.

Hippolyte.

- 201 spinus, Sowerby.
 202 securifrons, Norman.
 203 macilenta, Kröyer.
 204 *Phippsii*, Kröyer = *turgida*, Kr. fem.
 205 *polaris*, Sabine, = *cultellata*, Norman,
borealis, Ross, mas.
 206 *grœnlandica*, J. C. Fab.
 207 *Gaimardi*, M. Edw. = *pandaliformis*,
 Bell.
 208 *Cranchii*, Leach, = *Yarrellii*, Thomp.
 var.
 209 *pusiola*, Kröyer, = *Barleei*, Bate;
Andrewsii, Kinahan.
 210 *Fabricii*, Kröyer.

Caridion.

- 211 *Gordoni*, Bate.

Anchistia.

- 212 *scripta*, Risso, = *Dennisia*
sagittifera, Norman.

Pontonia.

- 213 *tyrrhena*, Risso.
 214 *plallusiæ*, Marion.
 215 *flavomaculata*, Heller.

Typton.

- 216 *spongicola*, Costa.

Pandalus.

- 217 *annulicornis*, Leach.
 218 *borealis*, Kröyer.
 219 *propinquus*, G. O. Sars.
 220 *leptocerus*, Smith.
 221 *brevirostris*, Rathke, = *Hipp.*
Thompsoni, Bell.

Palæmonetes.

- 222 *variens*, Leach.
 223 *vulgaris*, Say.

Palæmon.

- 224 *serratus*, Penn.
 225 *squilla*, Leach.
 226 *minans*, Norman.

- Palæmon.**—continued.
 227 Treillianus, Risso.
 228 Fabricii, Rathke, = *P. Leachii* Bell.

- Stenopus.**
 229 spinosus, Risso.

- Sicyonia.**
 230 carinata, Olivi.

- Penæus.**
 231 caramote, Risso.
 232 foliaceus, Risso.

- Solenocera.**
 233 siphonocera, Philippi, = *S. Philippii* Lucas.

- Parapenæus.**
 234 membranaceus, Risso (non M. Edw.)
 235 politus, Smith.
 236 constrictus, Smith.

- Amalopenæus.**
 237 elegans, Smith.

- Sergestes.**
 238 arcticus, Krøyer.

Order V.—Schizopoda.

- Lophogaster.**
 239 typicus, M. Sars, = *Ctenomysis alata*, Norman.

- Nematoscelis.**
 240 borealis, Norman.

- Thysanoessa.**
 241 tenera, G. O. Sars.

- Boreophausia.**
 242 inermis, Krøyer.
 243 Raschii, M. Sars.

- Nyctiphanes.**
 244 norvegica, M. Sars.
 245 Couchii, Bell.

- Boreomysis.**
 246 arctica, Krøyer.
 247 megalops, G. O. Sars.
 248 nobilis, G. O. Sars.
 249 scyphops, G. O. Sars.

- Erythrops.**
 250 erythrophthalmus, Goes.
 251 serrata, G. O. Sars.
 252 microphthalmus, G. O. Sars.
 253 pygmæa, G. O. Sars.
 254 abyssorum, G. O. Sars.

- Parerythrops.**
 255 obesa, G. O. Sars.
 256 abyssicola, G. O. Sars.

- Pseudomma.**
 257 roseum, G. O. Sars.
 258 affine, G. O. Sars.
 259 truncatum, Smith.

- Amblyops.**
 260 abbreviata, G. O. Sars.

- Mysidopsis.**
 261 didelphys, Norman.
 262 gibbosa, G. O. Sars.
 263 angusta, G. O. Sars.

- Leptomysis.**
 264 gracilis, G. O. Sars, = *Mysidopsis* hispida, Norman.
 265 lingvura, G. O. Sars.
 266 mediterranea, G. O. Sars.

- Siriella.**
 267 norvegica, G. O. Sars.
 268 crassipes, G. O. Sars.
 269 armata, M. Edw. = *Mysis Griffithsiæ*, Bell.
 269* Brooki, Norman.

- Mysideis.**
 270 insignis, G. O. Sars.
 271 grandis, Goes.

- Gastrosaccus.**
 272 sanctus, Van Ben.
 273 spinifer, Goes.
 274 Normani, G. O. Sars.

- Macropsis.**
 275 Slabberi, Van Ben.

- Mysis.**
 276 flexuosa, Müller.
 277 neglecta, G. O. Sars.
 278 inermis, Rathke.
 279 spiritus, Norman.
 280 ornata, G. O. Sars.
 281 Kervillei, G. O. Sars.
 282 Helli, G. O. Sars.
 283 arenosa, G. O. Sars.
 284 Lamornæ, Couch.
 285 oculata, Fabr.
 286 var. relicta, Lovén.
 287 mixta, Lilljeborg.
 288 stenolepis, Smith.
 289 americana, Smith.
 290 vulgaris, Thompson.
 291 longicornis, M. Edw.

- Hemimysis.**
 292 abyssicola, G. O. Sars.

Heteromysis.

- 293 microps, G. O. Sars.
294 formosa, Smith.

Mysidella.

- 295 typica, G. O. Sars.
296 typhlops, G. O. Sars.

Order VI.—Stomatopoda.**Squilla.**

- 297 mantis, Rond.
298 Desmarestii, Risso.
299 empusa, Say.

Lysiosquilla.

- 300 eusebia, Risso.

Order VII.—Cumacea.**Cuma.**

- 301 scorpioides, Montagu.

Cyclaspis.

- 302 longicaudata, G. O. Sars.

Iphinoe.

- 303 trispinosa, Goodsir.
304 serrata, Norman.
305 tenella, G. O. Sars.

Cumopsis.

- 306 lævis, G. O. Sars.

Vaunthompsonia.

- 307 cristata, Bate.

Lamprops.

- 308 fasciata, G. O. Sars.
309 fuscata, G. O. Sars.

Hemilamprops.

- 310 rosea, Norman, = *Cyrianassa*
elegans, Norman, mas.
311 cristata, G. O. Sars.
312 uniplicata, G. O. Sars.

Platyaspis.

- 313 typica, G. O. Sars.

Leucon.

- 314 nasicus, Krøyer.
315 nasicoides, Lilljeborg.
316 fulvus, G. O. Sars.
317 acutirostris, G. O. Sars.
318 pallidus, G. O. Sars.
319 serratus, Norman.
320 brevirostris, Norman.

Eudorella.

- 321 emarginata, Krøyer, = *Cyrianassa*
ciliata, Norman, mas.

- 322 truncatula, Bate, = *Eudorella*
inermis, Meinert, mas.

- 323 pusilla, G. O. Sars.

- 324 hispida, G. O. Sars.

- 325 hirsuta, G. O. Sars.

- 326 nana, G. O. Sars.

Eudorellopsis.

- 327 deformis, Krøyer.

Diastylis.

- 328 Rathkii, Krøyer,
329 lucifera, Krøyer.
330 cornuta, Boeck.
331 Goodsiri, Bell.
332 scorpioides, Lepechin.
333 picta, Stuxberg.
334 rugosa, G. O. Sars, = *D. strigata*,
Norman, mas.
335 tumida, Lilljeborg.
336 lævis, Norman.
337 serrata, G. O. Sars.
338 biplicata, G. O. Sars.
339 lamellata, Norman.
340 polaris, G. O. Sars.
341 sculpta, G. O. Sars.
342 Edwardsii, Krøyer.
343 quadrispinosa, G. O. Sars.
344 abbreviata, G. O. Sars.
345 Josephinæ, G. O. Sars.
346 longipes, G. O. Sars.
347 echinata, Bate.
348 spinosa, Norman, = *D. bimarginata*,
Bate.
349 Bradyi, Norman.
350 Calveri, Norman.
351 armata, Norman.
352 polita, Smith.

Leptostylis.

- 353 longimana, G. O. Sars.
354 ampullacea, Lilljeborg.
355 macrura, G. O. Sars.
356 villosa, G. O. Sars.

Pseudocuma.

- 357 cercaria, Van Ben, = *Cyrianassa*
longicornis, Bate, mas.

Petalomera.

- 358 declivis, G. O. Sars.

Campylaspis.

- 359 rubicunda, Lilljeborg.
360 costata, G. O. Sars.
361 undata, G. O. Sars.

Campylaspis.—continued.

- 362 verrucosa, G. O. Sars.
 363 sulcata, G. O. Sars.
 364 horrida, G. O. Sars.

Cumella.

- 365 pygmæa, G. O. Sars, = *C. agilis*,
 Norman.

Nannasticus.

- 366 unguiculatus, Bate, = *N. binoculoides*,
 Bate, mas.

Order VIII.—Isopoda.**Apseudes.**

- 367 talpa, Mont.
 368 Latreillii, M. Edw.
 369 spinosus, M. Sars.
 370 echinatus, G. O. Sars.
 371 uncidigitatus, Nor. & Steb.
 372 obtusifrons, Nor. & Steb.
 373 simplicirostris, Nor. & Steb.
 374 tricornis, Norman.
 375 gracilis, Nor. & Steb.

Sphyrapus.

- 376 malleolus, Nor. & Steb.
 377 tudes, Nor. & Steb.
 378 anomalus, G. O. Sars.

Tanais.

- 379 vittatus, Rathke.

Leptochelia.

- 380 serratospinosa, Nor. & Steb.
 381 elegans, Nor. & Steb.
 382 affinis, Nor. & Steb.
 383 filum, Stimpson, = *L. Edwardsii*,
 B. & W.

Typhlotanais.

- 384 tenuiremis, Lillj.
 385 assimilis, G. O. Sars.

Leptognathia.

- 386 longiremis, Lillj.
 387 breviremis, Lillj.
 388 brevimana, Lillj.
 389 graciloides, Lillj.

Pseudotanais.

- 390 forcipatus, Lillj.

Cryptococe.

- 391 abbreviata, G. O. Sars.

Tanaella.

- 392 unguicillata, Nor. & Steb.

Strongylura.

- 393 arctophylax, Nor. & Steb.

Anthura.

- 394 gracilis, Montagu.
 395 polita, Stimpson, = *Paranthura*
costana, B. & W.
 396 tenuis, G. O. Sars.

Paranthura.

- 397 brachiata, Stimpson.
 398 brunnea, Harger.
 399 norvegica, G. O. Sars.

Anceus.

- 400 maxillaris, Mont.
 401 formica, Hesse.
 402 vorax, Lucas.
 403 elongatus, Kröyer.

Livoneca.

- 404 Redmanni, Leach.

Olincira.

- 405 prægustator, Latrobe.

Anilocra.

- 406 physodes, Lin.
 407 frontalis, M. Edw.

Nerocila.

- 408 bivittata, Risso.
 409 neapolitana, St. & M.
 410 munda, Harger.
 411 maculata, M. Edw.

Ceratothoa.

- 412 oestroides, Risso.

Emethia.

- 413 Audouinii, M. Edw.

Rocinela.

- 414 danmoniensis, Leach.
 415 Dumerillii, Lucas.

Æga.

- 416 crenulata, Lütken.
 417 Strömii, Lütken.
 418 psora, Lin.
 419 monophthalma, Johnston.
 420 arctica, Lütken.

Ægiochus.

- 421 Nordenskiöldii, Bovallius.

Syncenus.

- 422 infelix, Harger.

Conilera.

- 423 cylindracea, M. Edw.

Cirolana.

- 424 hirtipes, M. Edw., = *C. spinipes*,
 B. & W., = *C. borealis*, Lilljeborg,
 425 concharum, Stimp.

- Eurydice.**
 426 pulchra, Leach.
 427 truncata, Norman.
 428 polydendrica, Nor. & Steb.
- Sphæroma.**
 429 serratum, Fab.
 430 rugicanda, Leach.
 431 Hookeri, Leach.
 432 curtum, Leach.
 433 Prideauxianum, Leach.
 434 granulatum, M. Edw.
 435 quadridentatum, Say.
- Cymodocea.**
 436 pilosa, M. Edw.
 437 truncata, Leach.
- Dynamene.**
 438 versicolor, Rathke, = *D. rubra* and
viridis, Leach, = *D. varians*,
 Stebbing.
- Næsa.**
 439 bidentata, Adams.
- Campecopea.**
 440 hirsuta, Mont.
- Limnoria.**
 441 lignorum, Rathke.
- Glyptonotus.**
 442 entomon, Lin.
 443 Sabini, Krøyer.
 444 cæcus, Say.
 445 Tuftsii, Stimpson.
- Idotea.**
 446 prismatica, Risso, = *I. parallela*,
 B. & W.
 447 marina, Lin, = *I. tricuspidata* and
pelagica, B. & W.
 448 phosphorea, Harger.
 449 metallica, Bosc, = *I. robusta*, Krøyer.
 450 emarginata, Fab.
 451 hectica, Pallas.
 452 linearis, Lin.
 453 acuminata, Leach, = *I. appendiculata*,
 M. Edw.
- Edotea.**
 454 bicuspidata, Owen.
 455 triloba, Say.
 456 montosa, Stimpson.
- Cleantis.**
 457 filiformis, Say.
 458 attenuata, Harger.
- Astacilla.**
 459 longicornis, Sow.
 460 intermedia, Goodsir.
 461 gracilis, Goodsir.
- 462 danmoniensis, Stebbing.
 463 Deshayesii, Lucas, = *A. linearis*,
 Stebbing.
 464 granulata, G. O. Sars, = *A. americana*,
 Harger.
 465 affinis, G. O. Sars.
 466 pusilla, G. O. Sars.
- Arcturus.**
 467 Baffini, Sabine.
 468 tuberosus, G. O. Sars.
 469 hystrix, G. O. Sars.
- Nannoniscus.**
 470 bicuspis, G. O. Sars.
- Asellus.**
 471 aquaticus, Lin.
- Janira.**
 472 maculosa, Leach.
- Jæra.**
 473 albifrons, Mont.
 474 Nordmanni, Rathke.
- Leptaspidia.**
 475 brevipes, B. & W.
- Dendrotium.**
 476 spinosum, G. O. Sars.
- Pleurogonium.**
 477 rubicundum, G. O. Sars.
 478 spinosissimum, G. O. Sars.
- Paramunna.**
 479 bilobata, G. O. Sars.
- Munna.**
 480 Boeckii, Krøyer.
 481 limicola, G. O. Sars.
- Ichnosoma.**
 482 bispinosum, G. O. Sars.
 483 quadrispinosum, G. O. Sars.
- Macrostylis.**
 484 spinifera, G. O. Sars.
- Desmosoma.**
 485 lineare, G. O. Sars.
 486 armatum, G. O. Sars.
 487 aculeatum, G. O. Sars.
- Ilyarachna.**
 488 longicornis, G. O. Sars.
 489 hirsuta, G. O. Sars.
 490 hirticeps, G. O. Sars.
 491 coronata, G. O. Sars.
 492 clypeata, G. O. Sars.
- Munnopsis.**
 493 typica, M. Sars,

- Eurycope.**
 494 cornuta, G. O. Sars.
 495 phalangium, G. O. Sars.
 496 mutica, G. O. Sars.
 497 producta, G. O. Sars.
 498 furcata, G. O. Sars.
 499 gigantea, G. O. Sars.
- Liriopsis.**
 500 pygmæa, Rathke.
- Aspidophryxus.**
 501 peltatus, G. O. Sars.
- Cyproniscus.**
 502 cypridinæ, G. O. Sars.
- Athelges.**
 503 paguri, Rathke.
- Pleurocrypta.**
 504 galatheæ, Hesse, = non Phryxus galatheæ, B. & W.
 505 longibranchiata, B. & W.
 506 hippolytes, Kröyer.
- Gyge.**
 507 branchialis, Cor. and Pan, = G. galatheæ, B. & W.
 508 Hyndmanni, B. & W.
 509 confusa, Norman, = Phryxus galatheæ, B. & W., non Pleurocrypta galatheæ, Hesse.
- Phryxus.**
 510 abdominalis, Kröyer.
- Ione.**
 511 thoracica, Mont.
- Bopyrus.**
 512 squillarum, Latr.
- Bopyrina.**
 513 ocellata, Czern, = Bopyrus virbii, Walz.
- Ligia.**
 514 oceanica, Lin.
 515 Brandtii, Rathke.
- Ligidium.**
 516 agile, Persoon.
 517 Couchii, Kinahan.
- Trichoniscus.**
 518 roseus, Koch.
- Armadillidium.**
 519 vulgare, Latr.
 520 granulatum, Brandt.
 521 frontirostre, B. Lund.
 522 Klugii, Brandt.
- Porcellio.**
 523 scaber, Latr.
 524 dilatatus, Brandt.
- Metaponorthrus.**
 525 pruinosus, Brandt.
- Platyarthrus.**
 526 Hoffmanssegii, Brandt.
- Philoscia.**
 527 muscorum, Scopoli.
- Order IX.—Amphipoda.**
- Thyropus.**
 528 ovooides, Risso.
- Lycaea.**
 529 Malmii, Boeck.
- Themisto.**
 530 libellula, Mandt = Th. crassicornis, Bate.
 531 bispinosa, Boeck.
- Parathemisto.**
 532 oblivia, Kröyer.
 533 compressa, Goes, = Lestrigonus spinidorsalis, Bate.
- Tauria.**
 534 medusarum, O. Fab., = Hyperia tauriformis, B. & W.
- Hyperia.**
 535 medusarum, O. Müll, = H. galba Mont, Lestrigonus Kinahani, B. & W.
 536 spinipes, Boeck.
- Cystosoma.**
 537 neptuni, Guerin.
- Clydonia.**
 538 borealis, G. O. Sars.
- Phronima.**
 539 sedentaria, Forskal.
- Phronimella.**
 540 elongata, Claus.
- Phrosina.**
 541 semilunata, Risso.
- Vibilia.**
 542 Jeangerardii, Audouin.
- Talitrus.**
 543 locusta, Pallas.
- Orchestia.**
 544 gammarellus, Pallas = G. littorea, Mont.
 545 Deshayesii, Audouin.
 546 mediterranea, Costa.
 547 agilis, Smith.
 548 palustris, Smith.

Talorchestia.

- 549 longicornis, Say.
550 megalophthalmus, Bate.

Hyale.

- 551 Nilssoni, Rathke, = Allorchestes
Danai, Bate.
552 Lubbockiana, Bate, = Allorchestes
imbricatus and carinatus, Bate.
553 littoralis, Stimpson.
554 nudicornis, Heller.

Lysianassa.

- 555 Costæ, M. Edw.
556 longicornis, Lucas.
557 spinicornis, Costa, = L. marina, Bate.

Ichnopus.

- 558 affinis, Heller.

Callisoma.

- 559 crenata, Bate.
560 Krøyeri, Bruzelius.

Socarnes.

- 561 Vahli, Krøyer.

Hippomedon.

- 562 Holbölli, Krøyer, = A. denticulatus,
Bate.
563 abyssii, Goes.

Aristeus.

- 564 tumidus, Krøyer, = Lysianassa
Audouiniana, Bate.

Anonyx.

- 565 lagena, Krøyer.
566 gulosus, Krøyer, = A. Holbölli, Bate.
567 nobilis, Stimpson.
568 pumilus, Lilljeborg.
569 melanophthalmus, Norman.

Onesimus.

- 570 littoralis, Krøyer.
571 plautus, Krøyer.
572 Edwardsii, Krøyer.

Orchomene.

- 573 serrata, Boeck, = A. Edwardsii,
Bate (non Krøyer).
574 minuta, Krøyer.

Triphosa.

- 575 nana, Krøyer.
576 longipes, Bate, = A. longipes and
ampulla, Bate.
577 nanoides, Lilljeborg.

Lepidepcreum.

- 578 carinatum, Bate, = A. longicornis,
Bate.

Normania.

- 579 quadrimana, B. & W.

Acidostoma.

- 580 obesum, Bate.

Euonyx.

- 581 chelatus, Norman.

Pontoporeia.

- 582 femorata, Krøyer.
583 affinis, Lindstrom.

Bathyporeia.

- 584 pilosa, Lindstrom, = A. pelagica and
Robertsoni, Bate.

Phoxus.

- 585 Holbölli, Krøyer.
586 simplex, Bate.
587 oculatus, G. O. Sars.

Harpina.

- 588 plumosa, Krøyer.
589 Krøyeri, Stimpson.

Lepidactylis.

- 590 arenaria, Slabber, = Sulcator aren-
arius, Bate.

Urothoe.

- 591 marinus, Bate.
592 norvegicus, Boeck, = U. Bairdii, Bate.
593 elegans, Bate.

Stegocephalus.

- 594 ampulla, Phipps.

Andania.

- 595 nordlandica, Boeck.

Amphilochus.

- 596 manudens, Bate.

Cyproidea.

- 597 danmoniensis, Stebbing.

Metopa.

- 598 clypeata, Krøyer.
599 Alderi, Bate.
600 affinis, Boeck.
601 Solsbergi, Schneider.
602 borealis, G. O. Sars.
603 pollexiana, Bate.
604 rubrovittata, G. O. Sars.

Stenothoe.

- 605 marina, Bate.
606 monoculoides, Montagu.

- Probolium.**
607 serratipes, Norman.
- Danaia.**
608 dubia, Bate.
- Syrrhoë.**
609 crenulata, Goes.
610 hamatipes, Norman.
- Tiron.**
611 acanthurus, Lilljeborg.
- Ædiceros.**
612 saginatus, Kröyer.
613 lynceus, M. Sars.
614 borealis, Boeck.
615 microps, G. O. Sars.
616 cæculus, Bate.
617 parvimanus, Bate.
618 æquicornis, Norman.
- Monoculodes.**
619 Stimpsoni, Bate.
620 longimanus, B. & W.
621 borealis, Boeck.
622 latimanus, G. O. Sars.
623 tessellatus, Schneider.
624 longirostris, Goes.
625 Packardi, Boeck.
626 carinatus, Bate.
627 norvegicus, Boeck.
- Halimedon.**
628 Mülleri, Boeck.
629 Saussurei, Boeck.
630 brevicealcar, Goes.
631 megalops, G. O. Sars.
- Pontocrates.**
632 norvegicus, Boeck, = Kröyera
arenaria, Bate.
633 haplocheles, Grube, = Kröyera
brevicarpa, B. & W.
634 altimarinus, B. & W.
- Aceros.**
635 phyllonyx, M. Sars.
- Ædiceropsis.**
636 brevicornis, Lilljeborg.
- Acanthostepheia.**
637 Malmgreni, Goes.
- Pleustes.**
638 panoplus, Kröyer.
- Paramphithoe.**
639 pulchella, Kröyer.
640 bicuspis, Kröyer, = Pherusa bicuspis,
Bate.
- 641 glabra, Boeck.
642 cataphracta, Stimpson.
643 fucicola, Leach.
- Parapleustes.**
644 gracilis, Bucholz.
- Laphysteus.**
645 sturionis, Kröyer.
- Odius.**
646 carinatus, Bate.
- Pereionotus.**
647 testudo, Montagu.
- Iphimedia.**
648 obesa, Rathke.
- Epimeria.**
649 cornigera, Fab. = Acanthonotus
Owenii, Bate.
650 loricata, G. O. Sars.
- Acanthonotozone.**
651 cuspidata, Lepechin.
- Vertumnus.**
652 serratus, O. Fab.
653 inflatus, Kröyer.
- Tritaeta.**
654 gibbosa, Bate, = Atylus gibbosus, Bate
- Dexamine.**
655 spinosa, Montagu.
656 tenuicornis, Rathke.
- Atylus.**
657 carinatus, Fabricius.
658 Swannendamii, M. Edw.
659 vedlomensis, B. & W.
- Pontogeneia.**
660 inermis, Kröyer.
- Halirages.**
661 bispinosus, Bate.
662 tridentatus, Bruzelius.
663 fulvocinctus, M. Sars.
- Amphithopsis.**
664 latipes, M. Sars.
- Calliopius.**
665 læviusculus, Kröyer.
666 grandoculus, Bate.
667 norvegicus, Rathke.
668 bidentatus, Norman.
- Lencothoe.**
669 spinicarpus, Abild, = L. articulosa,
Bate.

- Tritropis.**
 670 aculeata, Lepechin.
 671 inflata, G. O. Sars.
 672 cataphracta, Stimpson.
- Eusirus.**
 673 cuspidatus, Kröyer, = *E. helvetiæ*, Bate.
- Lilljeborgia.**
 674 pallida, Bate.
 675 fissicornis, M. Sars.
- Nicippe.**
 676 tumida, Bruzelius.
- Pardalisca.**
 677 cuspidata, Kröyer.
- Melphidippa.**
 678 longipes, Boeck.
- Amathilla.**
 679 Sabini, Leach.
 680 angulosa, Rathke.
 681 pinguis, Kröyer.
- Eriopis.**
 682 elongata, Bruzelius.
- Niphargus.**
 683 aquilex, Schiödte.
- Gammarella.**
 684 brevicaudata, M. Edw.
 685 Normani, B. & W.
- Isæa.**
 686 Montagui, M. Edw.
- Cheirocratus.**
 687 Sundevalli, Rathke, = *Lilljeborgia shetlandica*, B. & W.; *Protomedeia Whitei*, Bate; *Cheirocratus Normani*, Stebbing.
 688 assimilis, Lilljeborg, = *Ch. mantis*, Norman.
- Melita.**
 689 obtusata, Mont., = *M. proxima*, Bate; *Megamæra Alderi*, Bate.
 690 gladiosa, Bate.
 691 palmata, Montagu.
 692 angulata, Smith.
 693 dentata, Kröyer.
 694 orchestipes, Costa,
 695 nitida, Smith.
- Mæra.**
 696 Lovéni, Bruzelius.
 697 longimana, Thompson.
 698 othonis, M. Edw.
- 699 Batei, Norman, = *Megamæra multidentata*, B. & W.
 700 semiserrata, Bate.
 701 brevicandata, Bate.
 702 grossimana, Montagu.
 703 lævis, Smith.
 704 Danæ, Stimpson.
- Gammarus.**
 705 locusta, Lin.
 706 marinus, Leach.
 707 campylops, Leach.
 708 Edwardsii, Bate.
 709 pulex, Pennant.
 710 neglectus, Lilljeborg.
 711 veneris, Heller.
- Byblis.**
 712 Gaimardi, Kröyer.
 713 serrata, Smith.
- Ampelisca.**
 714 tenuicornis, Lilljeborg, = *A. lævigata*, B. & W.
 715 typica, Bate, = *A. Gaimardi*, Bate (non Kröyer.)
 716 æquicornis, Bruzelius.
 717 Eschrichtii, Kröyer.
 718 macrocephala, Lilljeborg.
 719 lævigata, Lilljeborg.
 720 gracilis, Smith.
 721 limicola, Stimpson.
- Haploops.**
 722 tubicola, Lilljeborg.
 723 setosa, Boeck.
- Ptilocheirus.**
 724 hirsutimanus, Bate.
 725 pilosus, Zaddach.
 726 pinguis, Stimpson.
- Photis.**
 727 Reinhardi, Kröyer.
 728 longicaudata, B. & W.
- Megamphopus.**
 729 cornutus, Norman.
- Microtopopus.**
 730 maculatus, Norman.
- Microdeuteropus.**
 731 gryllotalpa, Costa, = *Autonoe grandimana*, Bruz.
 732 anomalus, Rathke, = *M. gryllotalpa*, Bate (non Costa.)

- Microdeuteropus.**—continued.
- 733 minax, Smith.
- Stimpsonia.**
- 734 chelifera, Bate.
- Aora.**
- 735 gracilis, Bate.
- Autonoe.**
- 736 Websteri, Bate.
- 737 longipes, Lilljeborg.
- 738 plumosa, Boeck, = *Microdeuteropus bidentatus*, Stebbing.
- 739 versiculata, Bate.
- Protomedeia.**
- 740 fasciata, Kröyer.
- Gammaropsis.**
- 741 erythrophthalmus, Lilljeborg.
- 742 melanops, G. O. Sars.
- Podoceropsis.**
- 743 Sophiæ, Boeck, = *Nænia tuberculosa*, Bate.
- 744 rimapalma, Bate, = *Nænia excavata* and undata, Bate.
- Amphithoe.**
- 745 podoceroides, Rathke, = *A. littorina*, Bate.
- 746 rubricata, Montagu.
- 747 cuniculus, Stebbing.
- 748 penicillata, A. Costa.
- 749 maculata, Stimpson.
- Sunamphithoe.**
- 750 hamulus, Bate.
- Janassa.**
- 751 capillata, Rathke.
- Podocerus.**
- 752 falcatus, Montagu, = *Jassa pelagica* and pulchella, Leach.
- 753 variegatus, Leach.
- 754 anguipes, Kröyer.
- 755 latipes, Kröyer.
- 756 assimilis, G. O. Sars.
- 757 minutus, G. O. Sars.
- Erichthonius.**
- 758 difformis, M. Edw. = *Dercothoe punctatus*, Bate, fem.
- 759 abditus, Templeton.
- Corophium.**
- 760 grossipes, Lin. = *Gammarus longicornis*, Fabr.
- 761 crassicorne, Bruzelius, = *C. spinicorne* and Bonellii, B. & W.
- 762 tenuicorne, Norman.
- 763 cylindricum, Say.
- Siphonocetes.**
- 764 typicus, Kröyer.
- 765 pallidus, G. O. Sars.
- 766 cuspidatus, Smith.
- Colomastix.**
- 767 pusilla, Grube, = *Exunguia stilipes*, Norman.
- Dryope.**
- 768 irrorata, Bate.
- 769 crenatipalmata, Bate.
- Dulichia.**
- 770 falcata, Bate.
- 771 porrecta, Bate.
- 772 monacantha, Metzger.
- Unciola.**
- 773 irrorata, Say.
- 774 planipes, Norman, = *Unciola leucopsis*, B. & W. (non Kröyer).
- Lætmatophilus.**
- 775 Darwini, Bate.
- 776 armatus, Norman.
- Chelura.**
- 777 terebrans, Philippi.
- Proto.**
- 778 ventricosa, Müller, = *P. pedata* and Goodseri, B. & W.
- Ægina.**
- 779 spinifera, Bell, = *A. spinosissima*, Stimpson.
- Protella.**
- 780 phasma, Mont.
- Podalirius.**
- 781 typicus, Kröyer.
- 782 minutus, Mayer.
- 783 Kröyeri, Haller.
- Caprella.**
- 784 linearis, Lin. = *C. lobata*, B. & W.
- 785 æquilibra, Say.
- 786 acutifrons, Latr.
- 787 hystrix, Bell, = *C. acuminifera*, Bate (non Latr).
- 788 tuberculata, Guerin.
- 789 dentata, Haller.
- 790 acanthifera, Leach, = *C. calva*, B. & W.
- 791 grandimana, Mayer, = *C. Dohrni*, Haller.
- 792 septentrionalis, Kröyer.
- 793 spinosissima, Norman, = *C. horrida* Sars.

Cyamus.

- 794 ceti, Pallas.
 795 boopis, Lütken.
 796 monodontis, Lütken.
 797 nodosus, Lütken.
 798 globicipitis, Lütken.

Plytycyamus.

- 799 Thompsoni, Gosse.

Order X.—Xiphosura.**Limulus.**

- 800 polyphemus, Latr.

Order XI.—Phyllopora.**Nebalia.**

- 801 bipes, Fabr.

Limnetis.

- 802 brachyurus, Müller.

Limnadia.

- 803 lenticularis, Lin.

Estheria.

- 804 cycladoides, Joly.
 805 pesthinensis, Bruhl.

Apus.

- 806 cancriformis, Schæffer.

Lepidurus.

- 807 productus, Bosc.
 808 glacialis, Kröyer.

Branchipus.

- 809 Grubei, Dybowski.

Chirocephalus.

- 810 stagnalis, Lin.
 811 diaphanus, Prevost.

Branchinecta.

- 812 paludosa, Müller.

Streptocephalus.

- 813 torvicornis, Waga.

Polyartemia.

- 814 forcipata, Fischer.

Artemia.

- 815 salina, Fab.

Order XII.—Cladocera.**Latona.**

- 816 setifera, Müller.

Daphnella.

- 817 brachyura, Liévin, = D. Wingii, Baird.
 818 Brandtiana, Fischer.

Sida.

- 819 crystallina, Müller.

Limnosida.

- 820 frontosa, G. O. Sars.

Holopedium.

- 821 gibberum, Zaddach.

Daphnia.

- 822 pulex, De Geer.
 (a) var: Middendorffiana, S.
 Fischer.

- 823 magna, Strauss, = D. Schæfferi, Baird.

- 824 longispina, Müller.
 (a) var: cavifrons, G. O. Sars.

- 825 psittacea, Baird.

- 826 brevisetosa, Hellich.

- 827 hyalina, Leydig.

- 828 pellucida, P. E. Müller.

- 829 ovata, G. O. Sars.

- 830 lacustris, G. O. Sars.
 (a) var: galeata, G. O. Sars.

- 831 Jardinii, Baird, = D. cucullata,
 G. O. Sars.

(a) var: apicata, Kurz.

(b) var: kahlbergiensis, Schödler.

(c) var: cederstromii, Schödler.

- 832 longiremis, G. O. Sars.

Cephaloxus.

- 833 cristatus, G. O. Sars.

Simocephalus.

- 834 vetulus, Müller.
 835 exspinosus, Koch.
 836 serrulatus, Koch.
 837 congener, Koch.

Scapholeberis.

- 838 mucronata, Müller.
 839 obtusa, Schödler.

Ceriodaphnia.

- 840 reticulata, Jurine.
 841 quadrangula, Müller.
 842 rotunda, Straus.
 843 megalops, G. O. Sars.
 844 pulchella, G. O. Sars.
 845 laticaudata, P. E. Müller.

Moina.

- 846 rectirostris, Müller.
 847 Lilljeborgii, Schödler.

Bosmina.

- 848 cornuta, Jurine.
 849 longirostris, Müller.
 850 longispina, Leydig.

- Bosmina.**—continued.
- 851 Lilljeborgii, G. O. Sars.
 852 coregoni, Baird, = B. rotunda,
 Schödler, B. diaphana, P. E.
 Muller.
- 853 nitida, G. O. Sars.
 854 maritima, P. E. Müller.
 855 brevirostris, P. E. Müller.
 856 bohémica, Hellick.
 857 gibbera, Schödler.
- Lathonura.**
 858 rectirostris, Müller.
- Macrothrix.**
 859 laticornis, Jurine.
 860 rosea, Jurine.
 861 hirsuticornis, Nor. and Brad.
- Ophryoxus.**
 862 gracilis, G. O. Sars.
- Acantholeberis.**
 863 curvirostris, Müller.
- Ilyocryptus.**
 864 sordidus, Liévin.
 865 acutifrons, G. O. Sars.
 866 agilis, Kurz.
- Streblocerus.**
 867 minutus, G. O. Sars.
- Drepanothrix.**
 868 dentata, Euren.
- Eurycercus.**
 869 lamellatus, Müller.
- Camptocercus.**
 870 macrurus, Müller.
 871 rectirostris, Schödler.
 872 Lilljeborgii, Schödler.
- Acroperus.**
 873 harpa, Baird.
 874 angustatus, G. O. Sars.
- Alonopsis.**
 875 elongata, G. O. Sars.
 876 latissima, Kurz.
- Leydigia.**
 877 acanthocercoides, Fischer.
 878 quadrangularis, Leydig.
- Lynceus.**
 879 quadrangularis, Müller.
 880 oblongus, P. E. Müller.
 881 tenuicaudis, G. O. Sars.
 882 costatus, G. O. Sars.
 883 guttatus, G. O. Sars.
 884 lineatus, Fischer.
- 885 sanguineus, P. E. Müller.
 886 intermedius, G. O. Sars.
 887 rostratus, Koch.
- Harporhynchus.**
 888 falcatus, G. O. Sars.
- Graptoleberis.**
 889 testudinaria, Fischer.
- Alonella.**
 890 excisa, Schödler.
 891 exigua, Lilljeborg.
 892 nana, Baird.
- Peracantha.**
 893 truncata, Müller.
- Pleuroxus.**
 894 trigonellus, Müller.
 895 lævis, G. O. Sars, = P. hastatus,
 G. O. Sars.
 896 striatus, Schödler.
 897 uncinatus, Baird.
 898 aduncus, Jurine.
- Chydorus.**
 899 globosus, Baird.
 900 sphaericus, Müller.
 901 barbatus, G. S. Brady.
 902 latus, G. O. Sars.
 903 cælatus, Schödler.
 904 piger, G. O. Sars.
 905 ovalis, Kurz.
- Anchistropus.**
 906 emarginatus, G. O. Sars.
- Monospilus.**
 907 tenuirostris, Fischer.
- Polyphemus.**
 908 pediculus, De Geer.
- Bythotrephes.**
 909 longimanus, Lilljeborg.
- Podon.**
 910 intermedius, Lilljeborg.
 911 polyphemoides, Leuckart.
 912 minutus, G. O. Sars.
- Evadne.**
 913 Nordmanni, Lovén.
 914 spinifera, P. E. Müller.
- Leptodora.**
 915 hyalina, Lilljeborg.

Order XIII.—Branchiura.

Argulus.

- 916 foliaceus, Lin.
917 coregoni, Thorell.
918 laticauda, Smith.

Order XIV.—Ostracoda.

Cypris.

- 919 fuscata, Jurine.
920 incongruens, Rambohr.
921 virens, Jurine.
(a) var: ventricosa, B. and R.
922 obliqua, Brady.
923 affinis, Fischer.
924 ornata, Müller.
925 tumefacta, B. and R.
926 compressa, Baird.
927 pubera, Müller, = C. punctillata,
Norman.
928 bispinosa, Lucas.
929 hirsuta, Fischer.
930 tessellata, Fischer.
931 dromedarius, Fischer.
932 fasciata, Müller.
933 strigata, Müller.
934 reptans, Baird.
935 prasina, Fischer.
936 salina, Brady.
937 gibba, Rambohr.
938 exsculpta, Fischer, = C. striolata,
Brady.
939 cinerea, Brady.
940 lævis, Müller.
941 ovum, Jurine.
942 serrata, Norman, = C. serrulata,
G. O. Sars.
943 trigonella, Brady.
944 olivacea, n. sp.
Cypridopsis.
945 vidua, Müller, = C. obesa, B. and R.
946 Newtoni, Bra. and Rob.
947 villosa, Jurine.
948 aculeata, Lilljeborg.
Potamocypris.
949 fulva, Brady.
Aglaiia.
950 complanata, B. and R.
Cyprois.
951 dispar, Fischer.

Notodramas.

- 952 monachus, Müller.

Paracypris.

- 953 polita, G. O. Sars.

Candona.

- 954 albicans, Brady.
955 lactea, Baird.
956 compressa, Koch.
957 candida, Müller.
958 detecta, Müller.
959 similis, Baird.
960 fabæformis, Fischer, = diaphana,
B. and R.
961 Kingsleei, B. and R.
962 exserta, Fischer.

Argillæcia.

- 963 cylindrica, G. O. Sars.
964 angusta, Brady.

Pontocypris.

- 965 mytiloides, Norman.
966 hispida, G. O. Sars.
967 acupunctata, Brady.
968 trigonella, G. O. Sars.

Bairdia.

- 969 inflata, Norman.
970 acanthigera, Brady.
971 obtusata, G. O. Sars.
972 complanata, Brady.
973 Crosskeyana, Brady.
974 formosa, Brady.

Macrocypris.

- 975 minna, Baird.
976 angusta, G. O. Sars.

Loxoconcha.

- 977 impressa, Baird.
978 viridis, Müller, = L. elliptica, Brady.
979 granulosa, G. O. Sars.
980 fragilis, G. O. Sars.
981 guttata, Norman.
982 tamarindus, Jones.
983 multifora, Norman.
984 pusilla, B. and R.

Xestoleberis.

- 985 aurantia, Baird.
986 depressa, G. O. Sars.
987 labiata, B. and R.

Cytherura.

- 988 nigrescens, Baird.
989 cuneata, Brady, = C. flavescens,
Brady, fem.

Cytherura.—continued.

- 990 angulata, Brady, = *C. insolita*, Brady,
(monstrous).
991 producta, Brady.
992 striata, G. O. Sars, = *C. quadrata*,
Norman, fem.
993 lineata, Brady.
994 Sarsii, Brady.
995 simplex, Brady.
996 similis, G. O. Sars.
997 gibba, Müller, = *C. Robertsoni*,
Brady.
998 cornuta, Brady, = *C. gibba*, Brady,
(non Müller).
999 acuticostata, G. O. Sars.
1000 fulva, B. and R.
1001 pumila, B. C. and R.
1002 concentrica, B. C. and R.
1003 propinqua, B. and R.
1004 undata, G. O. Sars.
1005 clathrata, G. O. Sars.
1006 cellulosa, Norman.
1007 affinis, G. O. Sars.

Cytheropteron.

- 1008 latissimum, Norman.
1009 nodosum, Brady.
1010 pyramidale, Brady.
1011 inflatum, B. C. and R.
1012 subcircinatum, G. O. Sars.
1013 punctatum, Brady.
1014 alatum, G. O. Sars, = *C. inornatum*,
Brady (junior).
1015 angulatum, B. and R.
1016 rectum, Brady.
1017 mucronulatum, Brady.

Pseudocythere.

- 1018 caudata, G. O. Sars.

Bythocythere.

- 1019 simplex, Norman.
1020 constricta, G. O. Sars.
1021 turgida, G. O. Sars.
1022 dromedarius, G. O. Sars.

Cytherideis.

- 1023 subulata, Brady.
1024 foveolata, Brady.

Sclerochilus.

- 1025 contortus, Norman.

Xiphichilus.

- 1026 tenuissimus, Norman.

Paradoxostoma.

- 1027 variabile, Baird.
1028 abbreviatum, G. O. Sars.
1029 ensiforme, Brady.
1030 Normani, Brady.
1031 pulchellum, G. O. Sars.
1032 Fischeri, G. O. Sars.
1033 obliquum, G. O. Sars.
1034 orchadense, B. and R.
1035 hibernicum, Brady.
1036 sarniense, Brady.
1037 flexuosum, Brady.
1038 tenerum, Brady.
1039 arcuatum, Brady.

Darwinella.

- 1040 Stevensoni, B. and R.

Metacypris.

- 1041 cordata, B. and R.

Cythere.

- 1042 lutea, Müller.
1043 cyamos, Norman, = *C. viridis*, Brady
(non Müller).
1044 pellucida, Baird.
1045 castanea, G. O. Sars.
1046 porcellanea, Brady.
1047 macallana, B. and R.
1048 tenera, Brady.
1049 crispata, Brady.
1050 badia, Norman.
1051 gibbosa, B. and R.
1052 Robertsoni, Brady.
1053 oblonga, Brady.
1054 rubida, Brady.
1055 pulchella, Brady.
1056 villosa, G. O. Sars.
1057 fuscata, Brady.
1058 convexa, Baird.
1059 albomaculata, Baird.
1060 leioderma, Norman.
1061 cuneiformis, Brady.
1062 navicula, Norman, = *Cytherura*
navicula, Norman, = *Cythere*
fidicula, B. and R.
1063 limicola, Norman.
1064 globulifera, Brady.
1065 tuberculata, G. O. Sars.
1066 concinna, Jones.
1067 borealis, Brady.
1068 angulata, G. O. Sars.
1069 emarginata, G. O. Sars.

Cythere.—continued.

- 1070 finmarchica, G. O. Sars.
 1071 abyssicola, G. O. Sars.
 1072 crenulata, G. O. Sars.
 1073 costata, Brady.
 1074 marginata, Norman, = *C. laticarina*,
 Brady.
 1075 dubia, Brady.
 1076 quadridentata, Baird.
 1077 emaciata, Brady.
 1078 Stimpsoni, Brady.
 1079 mirabilis, Brady.
 1080 mucronata, G. O. Sars.
 1081 dunelmensis, Norman.
 1082 Whitei, Baird.
 1083 antiquata, Baird.
 1084 Jonesii, Baird.
 1085 acerosa, Brady.
 1086 semipunctata, Brady.
 1087 echinata, G. O. Sars.
 1088 canadensis, Brady.
 1089 irpex, Brady.
 1090 dasyderma, Brady.
 1091 acanthoderma, Brady.

Limnocythere.

- 1092 inopinata, Brady.
 1093 relictæ, Lilljeborg.
 1094 monstifrica, Norman.
 1095 Sancti-Patricii, B. and R.

Cytheridea.

- 1096 elongata, Brady.
 1097 cornea, B. and R.
 1098 papillosa, Bosquet.
 1099 punctillata, Brady.
 1100 torosa, Jones.
 (a) var: lævis
 1101 lacustris, G. O. Sars.
 1102 zetlandica, Brady.
 1103 subflavesceus, Brady.

Eucythere.

- 1104 declivis, Norman.
 (a) var: argus, G. O. Sars.
 (b) var: anglica, Brady.

Krithe.

- 1105 bartonensis, Jones.
 1106 producta, Brady.
 1107 glacialis, B. and R.

Cypridina.

- 1108 norvegica, Baird.
 1109 mediterranea, Costa.

Bradycinetus.

- 1110 Brenda, Baird.
 1111 Macandrei, Baird.
 1112 Lilljeborgii, G. O. Sars.

Philomedes.

- 1113 interpuncta, Baird.
 1114 Folini, Brady.

Asterope.

- 1115 Mariæ, Baird.
 1116 teres, Norman.

Halocypris.

- 1117 obtusata, G. O. Sars.

Conchœcia.

- 1118 borealis, G. O. Sars.

Sarsiella.

- 1119 capsula, Norman.

Polycope.

- 1120 orbicularis, G. O. Sars.
 1121 compressa, B. and R.
 1122 dentata, Brady.

Cytherella.

- 1123 scotica, Brady.
 1124 abyssorum, G. O. Sars.

Order XV.—Copepoda.**Euchaeta.**

- 1125 norvegica, Boeck.

Calanus.

- 1126 finmarchicus, Gunner.

Pleuromma.

- 1127 armatum, Boeck, = *Metridia*
armata, Brady.

Calanella.

- 1128 mediterranea, Claus.

Paracalanus.

- 1129 parvus, Claus.

Clausia.

- 1130 elongata, Boeck, = *Pseudocalanus*
elongatus, Brady.
 1131 armata, Boeck.

Limnocalanus.

- 1132 macrurus, G. O. Sars.

Heterocope.

- 1133 appendiculata, G. O. Sars.
 1134 alpina, G. O. Sars.
 1135 saliens, Lilljeborg.

- Dias.**
 1136 longiremis, Lilljeborg.
 1137 bifilosus, Giesbrecht.
 1138 discaudatus, Giesbrecht.
 1139 Mossi, Norman.
- Temorella.**
 1140 velox, Lilljeborg.
 1141 Clausii, Hoek.
 1142 hirundo, Giesbrecht.
- Temora.**
 1143 longicaudata, Lubbock, = T.
 longicornis, Brady.
- Diaptomus.**
 1144 castor, Jurine.
 1145 gracilis, G. O. Sars.
 1146 laticeps, G. O. Sars.
 1147 cæruleus, S. Fischer.
- Centropages.**
 1148 typicus, Krøyer.
 1149 hamatus, Lilljeborg.
- Parapontella.**
 1150 brevicornis, Lilljeborg.
- Isias.**
 1151 clavipes, Boeck.
- Anomalocera.**
 1152 Patersonii, Templeton.
- Cervinia.**
 1153 Bradyi, Norman.
- Oithina.**
 1154 spinirostris, Claus.
- Cyclopina.**
 1155 gracilis, Claus.
- Thorellia.**
 1156 brunnea, Boeck.
 1157 pallida, Norman.
- Cyclops.**
 1158 signatus, Claus.
 1159 tenuicornis, Claus.
 1160 strenuus, Fischer.
 1161 gigas, Claus.
 1162 pulchellus, Koch.
 1163 vicinus, Uljanin, = C. pulchellus,
 Brady.
 1164 annulicornis, Koch.
 1165 Leuckartii, Claus.
 1166 oithinoides, G. O. Sars.
 1167 scutifer, G. O. Sars.
 1168 abyssorum, G. O. Sars.
 1169 lacustris, G. O. Sars.
 1170 viridis, Fischer.
- 1171 robustus, G. O. Sars.
 1172 lucidulus (Koch), G. O. Sars.
 1173 bisetosus, Rehberg.
 1174 crassus, Fischer.
 1175 languidus, G. O. Sars.
 1176 insignis, Claus.
 1177 Lubbockii, Brady.
 1178 serrulatus, Fischer.
 1179 macrurus, G. O. Sars.
 1180 capillatus, G. O. Sars.
 1181 crassicaudis, G. O. Sars.
 1182 varicans, G. O. Sars.
 1183 diaphanus, Fischer.
 1184 affinis, G. O. Sars.
 1185 gracilis, Lilljeborg.
 1186 Kaufmanni, Uljanin.
 1187 phaleratus, Koch.
 1188 fimbriatus, Fischer.
 1189 æquoreus, Fischer.
- Notodelphys.**
 1190 Allmanni, Thorell.
 1191 cærulea, Thorell.
 1192 agilis, Thorell.
 1193 prasina, Thorell.
- Doropygus.**
 1194 pulex, Thorell.
 1195 Normani, Brady.
 1196 gibber, Thorell.
 1197 porcicauda, Brady.
- Notopterophorus.**
 1198 papilio, Hesse.
 1199 elatus, Costa.
 1200 elongatus, Costa.
- Botachus.**
 1201 cylindratus, Thorell.
- Ascidicola.**
 1202 rosea, Thorell.
- Ectinosoma.**
 1203 spinipes, Brady.
 1204 melaniceps, Boeck.
- Longipedia.**
 1205 coronata, Claus.
- Zosime.**
 1206 typica, Boeck.
- Tachidius.**
 1207 brevicornis, Müller.
- Euterpe.**
 1208 gracilis, Claus.
- Amymone.**
 1209 sphaerica, Claus.

- Stenhelia.**
 1210 hispida, Brady.
- Canthocamptus.**
 1211 minutus, Müller.
 1212 hibernicus, Brady.
 1213 palustris, Brady.
 1214 pygmæus, G. O. Sars.
 1215 Lilljeborgii, Boeck.
 1216 crassus, G. O. Sars.
 1217 lucidulus, Rehberg.
- Mesochra.**
 1218 Lilljeborgii, Boeck.
- Diosaccus.**
 1219 tenuicornis, Claus.
- Laophonte.**
 1220 serrata, Claus.
 1221 horrida, Norman.
 1222 thoracica, Boeck.
 1223 similis, Claus.
 1224 forcipata, Claus.
 1225 curticauda, Boeck.
 1226 longicaudata, Boeck.
 1227 lamellifera, Claus.
- Cletodes.**
 1228 propinqua, B. and R.
- Dactylopus.**
 1229 tisboides, Claus.
 1230 Strömii, Baird.
 1231 flavus, Claus.
 1232 brevicornis, Claus.
- Thalestris.**
 1233 mysis, Claus.
 1234 helgolandica, Claus.
 1235 rufocincta, Norman.
 1236 harpacticoides, Claus.
 1237 Clausii, Norman.
 1238 rufoviolescens, Claus.
 1239 hibernica, B and R.
 1240 longimana, Claus.
 1241 Cronii, Kröyer, = Harpacticus
 Cronii, Kröyer.
- Westwoodia.**
 1242 nobilis, Baird.
- Harpacticus.**
 1243 chelifer, Müller.
 1244 fulvus, Fischer.
- Zaus.**
 1245 spinatus, Goodsir.
 1246 Goodsiri, Brady.
- Peltidium.**
 1247 purpurocinctum, Norman.
 1248 depressum, Baird, = A. interruptum,
 Goodsir.
 1249 typicum, Czern, = P. crenulatum,
 Brady.
- Porcellidium.**
 1250 fimbriatum, Claus.
 1251 viride, Philippi.
 1252 subrotundum, Norman.
- Idya.**
 1253 furcata, Baird.
 1254 palæocrystica, Norman.
- Scutellidium.**
 1255 fasciatum, Boeck.
- Antaria.**
 1256 mediterranea, Claus.
- Corycæus.**
 1257 typicus, Kröyer.
- Sapphirina.**
 1258 fulgens, Tilesius.
- Lichomolgus.]**
 1259 furcillatus, Thorell.
 1260 pteroidis, D. Valle.
 1261 forficula, Thorell.
- Sabelliphilus.**
 1262 Sarsii, Claparede.
- Anthessus.**
 1263 solecurti, Valle.
- Eolidicola.**
 1264 tenax, M. Sars.
- Cyclopicera.**
 1265 echinicola, Norman.
 1266 nigripes, B. and R.
- Artotrogus.**
 1267 magniceps, Brady.
 1268 Normani, Brady.
- Dyspontius.**
 1269 striatus, Thorell.
- Enterocola.**
 1270 eruca, Norman.
- Nicthoe.**
 1271 astaci, M. Edw.
- Splanchnotrophus.**
 1272 gracilis, Norman and Hancock.
- Chondracanthus.**
 1273 zei, Delaroché.
 1274 merlucii, Holten, = C. xiphiae, Cuv.
 1275 nodosus, Müller.

Chondracanthus.—continued.

- 1276 Dufresnii, Blainv. = *C. gibbosus*,
Kröyer.
1277 cornutus, Müller.
1278 soleæ, Kröyer.
1279 gurnardi, Kröyer, = *C. lophii*,
Johnston.

Diocus.

- 1280 gobinus, Fabr.

Lernæopoda.

- 1281 elongata, Grant.
1282 carpionis, Kröyer.
1283 salmonea, Lin.
1284 Edwardsii, Olsson.
1285 galei, Kröyer.

Charopinus.

- 1286 Dalmanni, Retzius.

Achtheres.

- 1287 percarum, Nordmann.

Tracheliastes.

- 1288 polycolpus, Nordmann.

Brachiella.

- 1289 rostrata, Kröyer.
1290 thynni, Cuvier.
1291 impudica, Nordmann.
1292 bispinosa, Nordmann.

Anchorella.

- 1293 uncinata, Müller.
1294 rugosa, Kröyer.

Lesteira.

- 1295 lumpi, Kröyer.

Lernæocera.

- 1296 esocina, Burmeister.

Caligus.

- 1297 curtus, Müller.
1298 rapax, M. Edw.
1299 centrodonti, Baird.
1300 minimus, Otto.

Lepeophtheirus.

- 1301 Nordmanni, M. Edw.
1302 hippoglossi, Kröyer.
1303 pectoralis, Müller.
1304 Thompsoni, Baird.
1305 branchialis, Malm.
1306 salmonis, Kröyer.

Trebius.

- 1307 caudatus, Kröyer.

Euryphorus.

- 1308 nympha, St. and Lüt.

Denematura.

- 1309 ferox, Kröyer.
1310 producta, Müller.
1311 serrata, Kröyer.

Elytrophora.

- 1312 brachyptera, Gerstaecker.

Echthrogaleus.

- 1313 coleopratus, Guerin.

Nogagus.

- 1314 Lütkeni, Norman.
1315 angustatus, Gerstaecker.

Pandarus.

- 1316 bicolor, Leach.

Phyllophora.

- 1317 cornuta, M. Edw.

Læmargus.

- 1318 muricatus, Kröyer.

Cecrops.

- 1319 Latreillii, Leach.

Dichelestium.

- 1320 sturionis, Hermann.

Lamproglæna.

- 1321 pulchella, Nordmann.

Nemesis.

- 1322 lamnæ, Risso.

Peniculus.

- 1323 fistula, Nordmann.

Lerneænicus.

- 1324 sprattæ, Sowerby.

Hæmobaphes.

- 1325 cyclopterina, Fabr.

Lernæa.

- 1326 branchialis, Lin.

Pennella.

- 1327 orthagorisci, P. Wright.
1328 filosa, Cuv.

Order XVI.—Cirripedia.**Pollicipes.**

- 1329 cornucopia, Leach.

Scalpellum.

- 1330 vulgare, Leach.
1331 Strömii, G. O. Sars.
1332 angustum, G. O. Sars, = *S. nymphocola*, Hoek.

Alepas.

- 1333 minuta, Philippi.

- Conchoderma.**
 1334 auritum, Lin.
 1335 virgatum, Spengler.
 1336 gracile, Heller.
- Dichelaspis.**
 1337 Darwinii, Fil.
- Lepas.**
 1338 anatifera, Lin.
 1339 ansiferina, Lin.
 1340 pectinata, Spengler.
 1341 fascicularis, Ellis and Sol.
- Alcippe.**
 1342 lampas, Hancock.
- Verruca.**
 1343 Strömia, Müller.
- Chthamalus.**
 1344 stellatus, Poli.
- Xenobalanus.**
 1345 globicipitis, Steenstrup.
- Tubicinella.**
 1346 trachealis, Shaw.
- Coronula.**
 1347 diadema, Lin.
- Pyrgoma.**
 1348 anglicum, G. B. Sow.
- Acasta.**
 1349 spongites, Poli.
- Balanus.**
 1350 tintinnabulum, Lin.
 1351 perforatus, Bruz.
 1352 porcatus, Costa.
 1353 crenatus, Bruz.
 1354 balanoides, Lin.
 1355 Hameri, Ascan.
- Clistosaccus.**
 1356 paguri, Lillj.
- Peltogaster.**
 1357 paguri, Rathke.
 1358 sulcatus, Lillj.
 1359 socialis, Müll.
- Lernæodiscus.**
 1360 subterraneus, Kossman.
- Sacculina.**
 1361 carcini, Thomp.
 1362 triangularis, Anderson.
- Sylon.**
 1363 hippolytes, Kröyer.