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F. TRAUG. KUETZINGII

SPECIES ALGARUM

UNICAM EDITIONEM (ANNO 1849)

PERFECTUS

COLLATORE

Doct. F. BALSAMO



NEAPOLI

EX TYPOGRAPHIA TORNESE

1892

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F. TRAUG. KUETZINGII

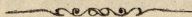
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GOTT FRIEDRICH

Doct. F. BALSAMO



NEAPOLI

IN TYPOGRAPHIA FORZESI

1805

LECTORI BENEVOLO

Celeberrimum Cl. Kuetzingii opus, cui titulus « Species Algarum » anno 1849 (unica editione) impressum, indice generali specierum caret, illum tantum generum et synonymorum habens. Propterea ego, jam ab anno 1883, meo solo usu et studio, indicem specierum ad opus Kuetzingianum perfici et diutius peroptime usus sum.

Cum autem censerem opellum hoc algologis praesertim utilem esse, libenter eum impensis meis edere et tibi, lectori benevolo, deferre statui.

Index genera ordine alphabetico, species vero systematico praebet. Parsimoniae gratia genera, species et varietates Kuetzingianae, quae numerosissimae, nomine carent auctoris. Species Kuetzingio dubiae signo (?) notantur; excludendae vero eadem ratione, omittuntur.

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nica W., brachypus A. Br., α setigera, β nubica, falcata *Gant.*, stachymorpha *Gant.*, 522; polysperma, contraria A. Br., strigosa A. Br., vulgaris *Wallr.*, β longibracteata, γ decipiens, δ subhispida A. Br., ϵ crassicaulis, ζ glomerata, η moniliformis 523; stricta, collabens *Ag.*, refracta, aculeolata, baltica *Fr.*, β breviaculeata, γ firma, tenuispina A. Br., hispida L. 524; β gymnoteles, γ macracantha, δ dasyacantha, ϵ micracantha, ζ brachyclados, equisetina, spondylophylla, pleiospora *Ganter.*, crinita *Wallr.*, β Karelini, γ pachysperma 525; pusilla *Floerke*, papillosa, squamosa *Desf.*, tomentosa L., β munda, ceratophylla *Wallr.*, 526.

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CHAUVINIA *Bory* — flexilis, hypnoides, obscura, *Sond.*, Selago, β Brownii, furcifolia, ericifolia, cupressoides, Urvilleana 497; mamillosa, laetevirens *Mont.*, clavifera, β Lamourouxii, γ uvifera, δ turbinata, cylindracea *Sond.*, sedoides, 498; cactoides, lentillifera, simpliciuscula, Chemnitzia, peltata, macrodisca, vitifolia, Webbiana, 499; paspaloides *Bory.*, phleoides *Bory.*, pusilla, 500.

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CHIONIPHE *Thienem.* — micans *Thien.*, nitens *Thien.*, densa *Thien.*, 158.

CHLOROSIPHON — Shuttleworthianus, pusillus *Harv.*, 484.

CHLOROTYLIIUM — cataractarum, ? mammiforme, 432.

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CHONDROCLONIUM — Chamissoi, horridum, corniculatum, nigratum, Teedii, lividum, 740; cornutum, canoliculatum, Chauvinii, 741.

CHONDROCOCCUS — Lambertii, abscissus, filiformis, 752.

CHONDRODICTYON — capense 730.

CHONDRODON — Suhrii, 771.

CHONDROSIPHON — mediterraneus, Meneghinianus, 860; compressus, radicans, ? Novae-Hollandiae, 861.

CHONDROTHAMNION — clavellousum, coccineum, 859; secundum, 860.

CHONDRUS *Lamour.* — crispus *Lyngb.*, incurvatus, vio-

- laceus *Sond.* 735; canaliculatus *Grev.*, tenuis *J. Ag.*, affinis *Harv.*, coriaceus, tuberculosus *Hook fl. et H.*, scutellatus *Hering.*, 736; ? crassifolius, *Vidovichii Menegh.*, furcellatus *Grev.*, disciplinaris *Grev.*, divaricatus *Grev.*, ? polycladus, ? complicatus, microcarpus *Grev.*, 737; *Torreyi Grev.*, fragilis *Grev.*, linearis *Grev.*, spermophorus *Grev.*, capensis, congestus *Grev.*, 738; vernicularis *Grev.*, pusillus *Mont.*, dubius *Mont.* 739.
- CHORDA *Stackh.* — capensis, Filum *Lam.*, α genuina, β thrix, γ adriatica, δ fistulosa, ε tomentosa, ζ lomentaria, rimosa *Mont.*, 548; *Lessonii*, *Durvillaei*, 549.
- CHORDARIA *Ag.* — flagelliformis *Ag.*, flexuosa *Ag.*, nodulosa *Ag.*, hippuroides, *Bory*, 546.
- CHROOLEPUS *Ag.* — coeruleum *Naeg.*, abietinum *Flotow.* 425; riparium *Flot.*, velutinum, oleiferum, aureum, α pulvinatum, β glomeratum, γ tomentosum, δ incrassatum, ε alpinum, ζ lanosum, 426; umbrinum, irregulare, odoratum, β aurantiacum, rupestre, hercynicum, *Jolithus Ag.*, 427; ? ebeneum *Ag.*, flavum, β rigidulum, γ sterile, ? villosum, ? melaenum *Carm.*, ? mesomelas *Carm.*, ? *Arnottii Harv.*, ? cobaltiginum *Ag.*, rubicundum *Ag.*, lichenicola *Ag.*, ilicicola, 429.
- CHTHONOBLASTUS — repens, *Vaucheri*, 260; β confertus, γ muscicola, atropurpureus, confluens, oligothrix, bryophilus, paludosus, monticola, 261; anguiformis, aeruginosus, β vacuus, *Lyngbyei*, salinus, 262.
- CLADOPHORA **A.** *Marinae.* — hospita, α polyclados, β nuda, virgata, flagelliformis, verticillata, 388; vaucheriaeformis, comosa, *Comatula*, leucocoma, stricta, sacculifera, catenata, 389; scoparia, prolifera, β confertissima, γ flaccida, δ firma, multifida, catenifera, pellucida, α comosa, β cristata 390; γ curvata, fruticulosa, nitidula *Sonder*, valonioides *Sond.*, ramulosa *Menegh.*, vesiculosa, alysoidea *Menegh.*, hormocladia, *Hutchinsiae*, 391; β distans, *Macallana Harv.*, *Rissoana Mont.*, sirocladia, β gracilis, *Heteropsis*, *Lehmanniana*, 392; β effusa, γ cristata, fascicularis, *Frölichiana*, *Suhriana*, ovoidea, flaccida, utriculosa, β longiarticulata, γ virgata, 393; δ elongata, ε aegaea, ζ cartilaginea, fuscescens, laxa, brachyclona *Mont.*, divaricata, β hamulifera, patens, 394; anisogona, rectangularis *Harv.*, α subnuda, β horrida, γ hispida, flexi-

caulis, hirta, Eckloni, nuda 395; rupestris, β baltica, γ mediterranea, humilis, Lyngbyana, ramosissima *Bory*, sertularina, β adriatica, Neesiorum, 396; spinulosa, subulifera, β divaricata, opposita, Bertolonii, subpectinata, corymbifera, hamosa, 397; tenuis, Chlorothrix, torulosa, refracta, β rufescens, γ spinulifera, lepidula *Mont.*, curvula, 398; β Histrix, γ incurva, scitula, mauritiana, dalmatica, nitidissima, *Menegh.*, β penicillata, falcata *Harv.*, 399; pectinicornis, laete virens, β adunca, albida, reticulata, β albicans laxiuscula, γ albicans conferta, ramellosa, gracillima, β conferta, 400; flavo-albida, pumila, sericea, β flaccida; tenerrima, vaga, crystallina, β patentiramea, γ radians, 401; δ flaccida, ε cartilaginea, ζ abbreviata, η grandis, vadorum, Thoreana, mutila, ceratna, flavescens, flavida, 402; β clavigera, γ virescens, 402; lutescens, β longiarticulata, nebulosa, flavo-virens, gracilis, glaucescens, viridula, β refracta, 403; Bruzelii, cristata, plumosa, Rudolphiana, *Harv.*, Plumula, β glebifera, nitida, Ruchingeri, longicoma, 404; trichocoma, lubrica, tenella, striolata, simpliciuscula, canabina *Aresch.*, liniformis. **B. Aquaticae:** — glomerata, 405; α mucosa, β simplicior, γ cartilaginea, δ intricata, ε tenuior, fasciculata, callicoma, declinata, macrogonia, longissima, insignis, β abbreviata, 406; γ fluviatilis, elongata, linoides, setiformis, fluitans, funiformis, β subaequalis, vitrea, regularis, crispata, 407; β virescens, γ arenaria, brachyclados, Falklandica *Hook.*, et *Harv.*, Montagneana, allantoides, comosa, 408; canicularis, curvata, sudetica, tranquebariensis, javanica, senegalensis, Roettleri, clavigera, viadrina, 409; rigidula, strepens, heterocladia, β chilensis, fracta, α Montagneana, β subsimplex, γ prolifer, δ horrida, 410; ε gracilis, ζ terrestris, gossypina, calida, Engelmannii, afra, secunda, putealis, subsimplex, 411; oligoclona, β crispata, debilis, Flotowiana, hyalina, sordida, β rigidula, margaritifera, lacustris, globulina, dubia, 412; dichlora, Gyraudyi.

Observ. Species cladophorarum sectionis secundae, subgen. *Aegagropilae* (sp. 161–189) et *Spongomorphae* (sp. 190–210) spectantes, eo loco adscribentur.

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CLADOSIPHON — mediterraneus, Giraudii *J. Ag.* erythraeum, *J. Ag.* 547.

CLADOSTEPHUS *Ag.* — Myriophyllum *Ag.* 468; β ceratophyllum, spongiosus, *Ag.*, β laxis, hedwigioides *Bory*, tomentosus, setaceus *Suhr.*, 469.

CLADOTHELE *Hook. fil. et Harv.* — Decaisnei, *Hook. et Harv.*, filiformis, 568.

CLADYMENIA *Harv.* — Lyalii *Hook. et Harv.*, oblongifolia *Hook. et Harv.*, 879.

CLAUDEA *Lamour.* — elegans *Lamx.*, 888.

CLIMACOSPHENIA *Ehr.* — australis, moniliger *Ehr.*, 114.

CLOSTERIUM *Nitzsch.* — Lunula *Nitzsch.*, Cucumis *Ehr.*, Leibleinii, moniliferum *Ehr.*, β minus, Ehrenbergii *Menegh.*, 163; acuminatum, Venus, tenerrimum, tenue, acutum *Bréb.*, Dianae *Ehr.*, acerosum *Ehr.*, attenuatum *Ehr.*, Cornu *Ehr.*, amblyonema *Ehr.*, 164; inaequale *Ehr.*, lanceolatum, uncinatum, lineolatum, striolatum *Ehr.*, lineatum *Ehr.*, subrectum *Bréb.*, decussatum, turgidum *Ehr.*, 165; costatum *Bréb.*, turgidulum, angustatum, 166.

COCCOCHLORIS *Spr.* — stagnina *Spr.* 215; β cuprina, Pila, margaritacea *Menegh.*, minuta *Wallr.* 216.

COCCONEIS *Ehr.* — pygmaea, molesta, Pediculus, β salina, 50; γ minor, pumila, depressa, nigricans, β denudata, oblonga, consociata, aggregata, nidulans, limbata *Ehr.*, concentrica *Ehr.*, undulata *Ehr.*, 51; fasciata *Ehr.*, punctata *Ehr.*, oceanica *E.*, longa *E.*, borealis *E.*, elongata *E.*, striata *E.*, Placentula *Ehr.*, Finnica *E.*, Pinnularia, decussata *E.*, marginata, Scutellum *E.*, 52; adriatica, mediterranea, peruviana, mexicana *E.*, americana *E.*, rhombea *E.*, ? Crux *E.*, ? Navicula *Ehr.* punctata. *Lobarz.*, 53.

COCCONEMA *Ehr.* — Cistula *E.*, gibbum *E.*, β sessile, cymbiforme *E.*, affine, 59; tumidum *Bréb.*, lanceolatum *E.*, Boeckii *E.*, ? acutum *E.*, cornutum *E.*, Arcus *E.*, asperum *E.*, graecum *E.*, ? biceps *E.*, mexicanum *E.*, 60.

COCCOPHORA *Grev.* — *Langsdorffii Grev.*, 635; *phyllamphora J. Ag.*, 636.

COCCOTYLUS — *Brodiaei*, β *concatenatus, Ag.*, γ *ligulatus Ag.*, δ *angustissimus Ag.*, 791.

CODIUM *Ag.* — *tomentosum Ag.*, 500; β *coralloides*, γ *divaricatum*, δ *gracile*, ε *implicatum*, ζ *tenue*, η *filiforme*, θ *fragilissimum*, *elongatum Ag.*, α *axillare*, β *dammaecornis*, γ *monstruosum*, δ *palmatifidum*, *lineare Ag.*, 501; *amphibium Moore*, *adhaerens Ag.*, *Bursa Ag.*, 502.

COELASTRUM *Naeg.* — *sphaericum Naeg.*, *cubicum Naeg.*, 195.

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CORALLINA *Tournef.* — *officinalis Ell. et Soland.*, β *fastigata*, *densa*, *calliptera*, *plumifera*, *subulata Ell.* 705; *loricata Ell.*, *capensis Leach. ex Decne.*, *simplex Lamx.*, *cupressina Lamx.*, *Turneri Lamx.*, *polychotoma Lamx.*, *pectinata Lamx.*, *squamata Ell. et Sol.*, *pilulifera Post. et Rupr.*, *Filicula Lamk.*, 706; β *ramosissima*, *Arbuscula Post. et Rupr.*, *laxa Lamk.*, *elongata Lamx.*, *longicaulis Lamk.*, *elegans Decne.*, *Hombonii Mont.*, *pistillaris Mont.*, *gracilis Lamx.* 707; *virgata Zan.* *Cuvierii Lam.*, *crispata Lamx.*, *pilifera Lamx.*, *rosea Lamk.*, β *crispa*, *granifera Ell. et S.*, *anceps*, *rigida*, *lobata Lam.*, *palmata Ell. et S.*, 708; *Berterii Mont.*, *spathulifera*, *pinnata Ell. et S.*, *nana Zan.*, 709.

CORALLOCEPHALUS — *Penicillus*, *elongatus*, 505; *pyrami-*

- dalis, dumetosus, Lamourouxii, granulatus, Arbuscula
Mont., eriophorus, 506.
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 CORTICULARIA — rufescens, brachiata, vesicata *Näg.*,
Naegelianae, laeta, 460; fuscata, 461.
 CORYNOPHLAEA — *baltica*, umbellata, 543.
 COSCINODISCUS *Ehr.* — minutus, minor *Ehr.*, granulatus,
Ehr., flavicans *Ehr.*, limbatus *Ehr.*, β *Aeginae E.* striatus,
 cinctus 122; marginatus *Ehr.*, fimbriatus *E.*, perforatus
E., disciger *E.*, heteroporus *E.*, *Argus E.*, *Patina E.*,
 ? *centralis E.*, lineatus *E.*, eccentricus *E.*, 123;
 radiatus *E.*, radiolatus *E.*, polystigma *E.*, punctatus
E., ? *gemmifer E.*, cingulatus *E.*, subtilis *E.*,
centralis E., *asteromphalus E.*, velatus *E.*, *Apollinis E.*,
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 ? *actinochilus E.*, *omphalanthus E.*, *Gigas E.*, *concavus E.*,
 β *africanus E.*, *cruciatus ? graecus E.*, 125;
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Ralfs., *ventricosum*, *Botrytis Menegh.*, β *intertistiale*,
ovale Ralfs. *tetrophthalmum Menegh.*, β *rupestre*,
Naeg. *bioculatum Menegh.* β *punctatum*, 175; *commis-*
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 ORENACANTHA — *orientalis*, 422.
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 CRYPTACANTHA (conf. *Cystosirae spec.* 16-19).
 CRYPTOCOCCUS — *nebulosus* 145; *natans*, *Rhei*, *Valeria-*
nae, *mollis*, *inaequalis*, *roseus*, *carneus*, *coccineus*,
brunneus, *vernicosus*, *cerevisiae*, 146; *vini*, 147.
 CRYPTOPLEURA — *lacerata*, β *ciliifera*, γ *palmata*, δ *ser-*
ulata, *minor Sond.*, *Crozieri*, *multinervis*, 870; *Smithii*,
Bonnemaisoni, β *laciniata livida*, *Hilliae*, *fusco-*
rubra, *peruviana*, 871; *subcostata*, *Durvillaei*, *fim-*
briata, *ruthenica*, *heterocarpa*, *americana*, *ramenta-*
cea (Delesseria Ag.), 872.
 CUTLERIA *Grev.* — *adpersa*, *DNtr.* *pardalis DNtr.* *mul-*
tifida Grev. 558; *naevosa Hering.*, *dichotoma*, *com-*

pressa, fibrosa, penicillata, 559. ? Dictyota trichodes *Menegh.* 559.

CYCLOTELLA — operculata, 18; β rectangula, Meneghiana, β major, scotica, ligustica, maxima; dubiae: minutula, Astraea, americana, Rota, Rotula, 19; dives, Actinocyclus, peruana, compta, denticulata, undata, Coscinodiscus, physoplea, Mammilla, picta, laevis, patagonica, 20.

CYLINDROCYSTIS (conf. Palmogloeeae spec. 6-14).

CYLINDROSPERMUM — granuliferum, circinale, spirale, licheniforme, riparium, conglobatum, 292; muscicola, limicola, arenicola, macrospermum, mesoleptum, majus, Ralfsii, humicola, 293; Felisii *Menegh.*, leptospermum, β aerugineo-fuscescens, elongatum, polyspermum, Carmichaelii, Hassallii, 294.

CYMATONEMA — confervaceum, 375.

CYMBELLA *Ag.* — Ehrenbergii, heteropleura, cuspidata, obtusiuscula, gastroides, 57; maculata, helvetica, gracilis, leptoceras, affinis, ventricosa, excisa, 58; delicatula, Pediculus, 59.

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CYSTOSIRA *Ag.* — Hoppii *Ag.*, β aurantia, barbata *Ag.*, β concatenata, paniculata, leptocarpa, 599; thyrsigera P. et R., abrotanifolia *Ag.*, β conferta, patentissima, elata, microcarpa, β evesiculosa, divaricata, fimbriata *Lam.*, 600; glomerata, filicina *Bory*, discors *Ag.*, β microcarpa, tuberculata *Ag.*, flaccida, crinita *Duby*, squarrosa, robusta, 601; spicigera *Ag.*, thesiophylla *Duby*, 602.

D

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- DASYACTIS — salina, minutula, 338; Kunzeana, Biasolettiana, Nageliana, rivularis, *Naeg.*, 339.
- DASYCLADUS *Ag.* clavaeformis *Ag.*, 508, cylindricus *Menegh.*, 509.
- DASYGLOEA *Thwait.* — amorpha *Berk.*, 272.
- DASYPHLA *Sond.* — Preissii *Sond.*, 673.
- DASYPHILAEA *Mont.*, insignis *Mont.*, 757; tasmanica *Hook. fil. et Harv.*, 758.
- DELESSERIA — sanguinea *Lamx.*, β lanceolata *Ag.*, γ ligulata, Daviesii *Hook. et Harv.*, quercifolia *D'Urv.*, 878.
- DELISEA *Lamx.* — pulchra *Mont.*, elegans *Lamx.*, 770; fimbriata *Lamx.*, serrata, 771.
- DENTICULA — tenuis, frigida, thermalis, 11; β rupestris, elegans, obtusa, constricta, undulata, 12.
- DESMARESTIA *Lamx.* — viridis *Lamx.*, β rigida, γ major, 570; hybrida, aculeata *Lamx.*, peruviana *Mont.*, media *Grev.*, chordalis *Hook. fil. et Harv.*, Rossii *Hook. et Harv.*, anceps *Mont.*, 571; ligulata *Lamx.*, distans *J. Ag.*, herbacea *Lamx.*, Dresnaji *Lamx.*, pinnatinervis *Mont.*, 372.
- DESMIA P. et R. (cfr. Desmarestiae sp. 9-13).
- DESMIDIUM *Ag.* — Swartzii *Ag.*, α Brebissonii, β Ralfsii, didymum *Corda*, aptogonum *Bréb.*, β Ehrenbergii, 190; quadrangulare, 191.
- DIADESMIS — confervacea, ? laevis, sculpta 95; ? bacillum, 96.
- DIATOMA *D. C.* — pectinale, vitreum, hyalinum, vulgare, mesodon, 16; tenue, α moniliforme, β intermedium, γ cuneatum, δ normale, ε dimotum, mesoleptum, elongatum *Ag.*, Ehrenbergii, 17.
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- DICKIEIA *Berk.* — ulvacea *Berk.*, 109.
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DICTYOTA *Lamx.* — *vulgaris*, 553; β *intricata, dichotoma, Bartayresiana Lam.*, β *divaricata (Lieben.)*, *affinis, volubilis, striolata, ligulata, repens J. Ag.* 554; *prolifera Suhr.*, *acuta*, β *patens*, γ *minor, acuminata, implexa Lam.*, *spiralis Mont.*, *Fasciola Lam.*, β *capillaris*, γ *pusilla, cirrhosa Suhr.*, *aequalis*, 555; *fastigiata Sond.*, *minor Sond.*, *linearis Grev.*, *denticulata, ciliata J. Ag.*, *dentata Lam.*, *Brongniartii J. Ag.*, *spinulosa Hook. et Arn.*, *Schroederi Grev.*, *Kunthii Grev.*, 556; *grandis, Pappeana, polypodioides Lam.*, *maculata J. Ag.*; *laciniata Lam.*, *serrulata Lam.*, *prolifera Lam.*, *rotundata Lam.*, *lata Lam.*, 557; *crispata Lam.*, *paniculata J. Ag.*, ? *setosa Duby*, *acutiloba J. Ag.*, *crenulata J. Ag.*, 558.

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DIDYMOPIUM — *Grevilli*, 189, β *Ralfsii*, 190.

DIGENEA *Ag.* — *Wulfenii* 841.

DIPLOSTROMIUM — *tenuissimum, undulatum*, 483.

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DORYPHORA — *Amphiceros*, 50.

DRAPARNALDIA *Ag.* — *glomerata Ag.*, *spinosa, acuta* 356; *plumosa Ag.*, *distans, pulchella, nudiuscula, ornata, comosa*; ? *a opposita Ag.*, *b dendroidea Bory*, 357; *c pygmaea Bory*, *d repetita Hass.*, *e Kamtschatica J. Ag.* 358.

DRILLOSIPHON — *musculicola, Julianus*, 302.

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DUMONTIA *Lamx.* — *robusta Grev.*, *filiformis Grev.*, 718; β *crispata*, γ *incrassata*, δ *tenuis, sobolifera Lam.*, *fastigiata Bory*, *furcata Post. et Rupr.*, *pusilla Mont.*,

ovalis *Suhr.*, saccata *Post. et Rupr.*, hydrophora *Post. et Rupr.* 719; Clava *Post. et Rupr.*, firma *P. et R.*, β fibrillosa *P. et R.*, fucicola *P. et R.*, decapitata *P. et R.*, coronata *P. et R.*, canariensis *Mont.*, ? Lepechini *Endl.*, 720.

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E

ECHINARIA — (Cfr. *Synedrae* sp. 13-32).

ECHINOCAULON — spinellum, hispidum, 762.

ECHINOCERAS — ciliatum 680; hirsutum, armatum, julaceum, imbricatum, diaphanum, *Hystrix*, β horridum, γ tenellum, spinulosum 681; secundatum, hamulatum, pellucidum, puberulum, nudiusculum; uniforme (*Menegh.*) cristatum (*Menegh.*), tumidulum (*Menegh.*) ? ramulosum (*Menegh.*) giganteum (*Menegh.*), 683.

ECKLONIA *Hornem.* — buccinalis *Hornem.* 586.

ECTOCLARPUS *Lyngb.* — verminosus, intermedius, arctus, acanthophorus, 449; secundus, cruciatus *Ag.*, spinosus, globifer, pusillus, *Harv.*, minutulus, *Mont.*, 450; fasciculatus *Harv.*, polycarpus *Zanard.*, refractus, *Sandrianus Zanard.*, *Hincksiae Harv.*, siliculosus *Lyng.* β penicillatus, capensis, 451; abbreviatus, major, ceratoides, lumbricalis, approximatus, β balticus, γ contortus, δ mediterraneus, *Vidovichii Menegh.*, 452; acanthoides, β subinermis, breviarticulatus *Lieb.*, gracillimus, β borealis, rufulus, divaricatus, corymbosus, ochraceus, 453; flavescens, rutilans, radiceformis, flagelliformis, subulatus, β versicolor, irregularis, 454; cespitulus *J. Ag.*, squarrosus, spalatinus, draparnaldiaeformis, macroceras, venetus, rigidus, *Oedogonium Menegh.*, 455; fluviatilis, ochroleucus, patens, rufus *Ag.*, oophorus, *Kochianus*, *bombycinus*, 456; humilis, crinitus *Carm.*, rigidulus, parvulus, lanosus, tenellus, monocarpus *Ag.*, onustus, 457; velutinus, terminalis, litoralis, *Ag.*, compactus *Ag.*, auratus *Bory*, subverticillatus, flagelliferus, 458; virgatus, ramellosus, β ni-

gricans, distortus *Carm.*, simpliciusculus *Ag.*, nitens *DNtr.*, geminatus *Hook. fl.*, secundatus *Suhr.*, spinulosus *Mont.*, 459.

ELACHISTA *Duby* — scutulata *Duby*, 540.

ENCOELIUM *Ag.* — ramosissimum, β trichophorum, intricatum *Liebm.*, orientale *J. Ag.*, 551; echinatum, *Ag.*, β setaceum, tenue, tortile, bullosum, *Ag.*, utriculare, sinuosum *Ag.*, clathratum *Ag.*, vesicatum 552.

ENCYONEMA — paradoxum, cespitosum, prostratum *Ralfs*, 61; ? triangulum, sigmoides (*Ehr.*), 62.

ENTEROMORPHA *Link* — intestinalis *Link*, α capillaris, β crispa, γ tubulosa, δ spermatoidea, ϵ mesenteriformis, ζ cornucopiae, η gigantea, 478; clathrata *Grev.*, ramulosa *Hook.*, β spinosa, acanthophora, paradoxa, β tenuissima, salina, β polyclados, 479; corniculata, *Hookeriana*, compressa, *Grev.*, α genuina, β capillacea, γ procerrima, δ pallida, ϵ *Novae Hollandiae*, ζ tricores, complanata, α genuina, β crispa, γ crinita, δ confervacea, 480; ϵ ramulosa, ζ ramellosa, η abbreviata, africana, aureola, ramellosa, marginata *J. Ag.*, fulvescens, *Jürgensii*, *Linkiana* *Grev.*, 481; minima *Näg.*, gelatinosa, bulbosa, confervicola *DNtr.*, dichotoma (*Solenia*), *Suhr.*, *Hopkirkii* *M. Calla*, *Fascia*, *Post. et Rupr.*, 482.

ENTOPHYSALIS — granulosa, 225.

ENTOTHRIX — funicularis, 273.

EPIGLOSSUM — *Smithii*, 878.

EPINEURON *Harv.*, — spirale *Harv.*, lineatum *Harv.*, ? multifidum, 848; *Colensoi* *Harv.*, *fraxinifolium* *Harv.*, *Bockhousii* *Harv.*, 849.

EPITHEMIA — *Sorex*, *Musculus*, 1; *Westermanni*, *Zebra*, *zebrina*, *turgida*, *Porcellus*, *alpestris*, 2; *ocellata*, *Argus*, *gibberula*, *textricula*, *saxonica*, *proboscidea*, *Librile*, *gibba*, 3; *ventricosa*, *gregaria* *Bréb.*, *granulata*, *Faba*, *Vertagus*, (?) *cingulata*, 4.

EPYMENIA — obtusa, 787; variolosa, 788.

EREBONEMA *Römer* — *hercynicum*, *divaricatum*, 157.

ESPERA *Dcne.* — *mediterranea* *Dcne.*, 503.

EUACTIS — *marinae*: *pachynema*, 339; *marina*, *amoenana*, *monticulosa*, *atra* β *confluens*, *Lenormandiana*, *ligustica*, 340; *prorumpens*, *hospita*, *Jürgensii*, *confluens*, *plicata*, *Naeg.*, *Lens*, *hemispherica*, 341; *rivulares* et

lacustres; *chrysocoma*, *calcivora* *A. Br.*, *rivularis* *Naeg.*, β *mollis*, γ *fluviatilis*, *rufescens* *Naeg.*, 342; *scardonitana* *Menegh.*, *Regeliana* *Naeg.*, *Heeriana* *Naeg.*, 343.

EUAMPHIROA *Dcne.* — (cfr. *Amphiroae* species 1-24).

EUASTRUM *Ehr.* — *gemmatum* *Bréb.*, 171; *papulosum*, *binale*, affine *Ralfs*, *Pecten* *E.*, *pectinatum* *Bréb.*, *verrucosum* *E.*, *crassum*, 172; β *grande*, *Holocystis*, *cornutum*, *Ralfsii*, α *inflatum*, β *emarginatum*, γ *truncatum*, *Pelta*, *elegans*, β *sinuosum*, γ *armatum*, *rostratum* *Ralfs*, 173; ? *Papilio*, *crenatum*, (?) *crenulatum* *E.*, (?) *sinuosum*, 174.

EUCAMPIA *Ehr.* — *zodiacus* *Ehr.*, 191.

EUCTENODUS — *Labillardieri*, *echinatus*, *australis*, 770.

EUGALAXAURA *Dcne.* — (cfr. *Galaxaurae* spec. 5-9).

EUHYMENIA — *Lactuca*, 741; *luxurians*, *seminervis*, *dichotoma*, *capensis*, (?) *reptans*, *schizophylla*, 742; *Harveyana*, *divisa*, *reniformis*, *Dubyi*, *Requienii*, *Limensis*, *latissima*, *carnosa*, 743.

EUMERIDION — *constrictum*, 11.

EUNOTIA *Ehr.* (ex p.) — *amphioxys* *Ehr.*, 4; *Cretae* *Ehr.*, *brevicornis* *Ehr.*, *parallela* *Ehr.*, *praerupta* *Ehr.*, *alpina*, *Dianae* *Ehr.*, *amphilepta* *Ehr.*, *Crocodilus* *Ehr.*, *Luna* *Ehr.*, *sima* *Ehr.*, *depressa* *Ehr.*, *nodosa* *Ehr.*, 5; *Formica* *Ehr.*, *ventralis* *Ehr.*, *flexuosa*, *pachycephala*, *biceps* *Ehr.*, *uncinata* *Ehr.*, *Amphidicranon* *Ehr.*, *Diodon* *Ehr.*, *bidens* *Ehr.*, *bigibba* *Ehr.*, 6; *Camelus* *Ehr.*, *Zygodon* *Ehr.*, *declivis* *Ehr.*, *Sella* *Ehr.*, *Elephas* *Ehr.*, *Triodon* *Ehr.*, *tridentula* *Ehr.*, *dizyga* *Ehr.*, *quaternaria* *Ehr.*, *Pentodon* *Ehr.*, *quinaria* *Ehr.*, *Diadema* *Ehr.*, 7; *Heptodon* *Ehr.*, *septena* *Ehr.*, *Octodon* *Ehr.*, *Enneodon* *Ehr.*, *Decaodon* *Ehr.*, *Hendecaodon* *Ehr.*, *Serra* *Ehr.*, *Prionotus* *Ehr.*, *Icosodon* *Ehr.*, *Polyodon* *Ehr.*, 8.

EUPODISCUS *Ehr.* — *germanicus* *Ehr.*, *quaternarius* *Ehr.*, *monstruosus* *Ehr.*, 134; *quinarius* *Ehr.*, *Rogersii* *Ehr.*, *Baileyi* *Ehr.*, (*Aulacod.*) *Crux* (*Ehr.*), *Petersii* (*Ehr.*), 135.

EUPOGODON — *spinellus*, *planus*, 801; *cervicornis*, 802.

EUPOGONIUM — *spongiosum*, *villosum*, *collabens*, *squarrosus*, *Arbuscula*, ? *rigidulum*, *Gunnianum* 798; *capillare*, ? *pallidum*, ? *corymbiferum*, ? *Hormoclados*, ?

- trichaclodos, ? *Callithamnion*, 799; ? *crispum*, ? *dubium*, 800.
 EUPTILOTA — *formosissima*, *Harveyi*, β *pectinata*, *Pap-
 peana*, 671; ? *corolloidea* *J. Ag.*, 672.
 EURYTION *Dcne* — (Cfr. *Amphiroae* sp. 25-35).
 EXOCOCCUS *Naeg.* — *ovatus* *Näg.*, 211.

F

- FAUCHEA *Mont.* — *repens* *Mont.*, 787.
 FISCHERIA *Schwabe* — *thermalis* *Schwabe*, 425.
 FRAGILARIA *Lyngb.* — *capucina* *Desmaz.*, *corrugata*, *pu-
 silla*, *virescens* *Ralfs.*, 14; *acuta* *Ehr.* — *Sp. dubiae*:
Navicula *Ehr.*, *Catena* *Ehr.*, *constricta* *Ehr.*, *anceps*
Ehr., *birostris* *Ehr.*, *biceps* *Ehr.*, *Entomon* *Ehr.*, *gla-
 bra* *Ehr.*, *Amphiceros* ? *Ehr.*, *Bacillum* *Ehr.*, 15.
 FRUSTULIA *Ag.* — *salina* *Ehr.*, 96.
 FUCUS *L.* — *vesiculosus* *L.* β *grandifrons*, *Ag.*, γ *spi-
 ralis* *Ag.* δ *volubilis* *Ag.*, ϵ *longifructus* *Ag.*, ζ *eva-
 nescens* *Ag.*, η *cistocarpus*, θ *acutus* *Ag.*, ι *Sherardi*
Ag., κ *linearis*, 589; λ *alternans* *Ag.*, μ *macrocystus*
Ag., ν *monocystus* *Ag.*, ξ *tricystus*, $\omicron$ *angustifolius* *Ag.*,
 π *manus* *Ag.*, ρ *subecostatus*, σ *filiformis*, *ceranoides*
L., *serratus* *L.*, *canaliculatus* *L.*, *distichus* *L.*, *mini-
 mus* *Hering.*, *compressus* *Ag.*, 590; *furcatus* *Ag.*, *fa-
 stigiatus* *J. Ag.*, *chondrophyllus* *Brown.*, 591.
 FURCELLARIA *Lamx.* — *lumbricalis*, 748.

G

- GALAXAURA *Lamx.* — *major* *Dcne*, *oblongata* *Lamx.*,
obtusata *Lamx.*, *umbellata* *Lamx.*, 529; *cylindrica*
Lamx., *fragilis* *Lam.*, *dichotoma* *Lamx.*, *Schimperi*
Dcne., *fastigiata* *Dcne.*, *lapidescens* *Lamx.*, *annulata*
Lamx., *rugosa* *Lamx.*, *marginata* *Lamx.*, *canalicu-*

- lata, 531; ? *a* (Corall.) fruticulosa *Ell. et Sol.*, *b* (Cor.) indurata *Ell. et Sol.*, *c* (Cor.) lichenoides *Ell. et Sol.*, 531.
- GASTROCLONIUM Uvaria, β macrococcum (*Mont.*), obovatum, ovale, 865; Chiajeanum *Menegh.*, umbellatum, subarticulatum, affine *Hook. fil. et Harv.*, Salicornia, reflexum, β subtile, Opuntia, 866.
- GELIDIUM *Lamx.* — cartilagineum *Gaill.*, seminudum *J. Ag.*, lucidum *Sond.*, decipiens *Mont.*, 763; asperum *Grev.*, corneum *Lam.*, β sesquipedale, γ nitidum, δ sericeum, ϵ pinnatum *Huds.*, ζ laciniatum *Ag.*, η capillaceum *Mont.*, δ plumula *Ag.*, 764; ι pulchellum *Turn.*, κ setaceum *Mont.*, λ nereideum *Ag.*, μ clavifer *Turn.*, ν spinulosum *Mont.*, ξ attenuatum *Turn.*, $\omicron$ hypnosum *Mont.*, π heterophyllum *Ag.*, ρ proliferum, σ latifolium *Grev.*, pectinatum *Mont.*, 765; rigidum *Mont.*, Stembergii *Grev.*, crinitum, glandulaefolium *Hook. fil. et Harv.*, oppositifolium *Grev.*, lanceolatum *Harv.*, Anthoninii *Lamx.*, Amansii *Lamx.*, 766; rigens *Grev.*, miniatum, radicans *Mont.*, parvulum *Grev.*, (?) multifidum *Grev.*, intricatum, confervicola, constrictum, 767; vittatum, β caulescens, pristoides, dentatum, microdon, (?) denticulatum, 768.
- GEMINELLA *Turp.* — interrupta *Turp.*, 191.
- GEOCYCLUS — oscillarinus, 331.
- GIGARTINA *Lamx.* — pistillata *Lamx.* fastigiata *P. et R.*, acicularis *Lam.*, 749; subulata *Grev.*, compressa, crocea, spinifera, nodifera *Hering.*, disticha *Sond.*, horrida *Grev.*, muricata *Harv.*, 750; † muricata *Post. et Rupr.*, elegans *Grev.*, speciosa *Sond.*, ancistroclada *Mont.*, flagelliformis *Sond.*, (?) flagellata, (?) torulosa *Hook. fil. et Harv.*, 751.
- GINNANIA *Mont.* — furcellata *Mont.*, irregularis, pulvinata, β subcostata, undulata *Mont.*, 715; salicornioides, 716.
- GLOEOCAPSA — ampla, agglomerata, stillicidiorum, 216; palea, muralis, confluens, β paleacea, cryptococca, fenestralis, quaternata, botryoides, 217; montana β flavo-aurantia, squamulosa *Bréb.*, granosa, polydermatica, aeruginosa, didyma, 219; geminata, gelatinosa, α olivacea, β aeruginea, cryptococcoides, coracina, β placentaris, atrata, 219; livida, violacea, ianthina *Naeg.*, scopulorum *Näg.*, versicolor *Naeg.*, am-

bigua *Naeg.*, 220; β rivularis *Naeg.*, Magma, rupicola, opaca *Naeg.*, sanguinolenta, sanguinea, 221; rosea, Shuttleworthiana, Ralfsiana, compacta, haematodes, punctata *Naeg.*, 222; purpurea, microphthalma, Peniocystis, mellea, Paroliniana, rupestris, 223; fulva, dermochroa *Naeg.*, Kützingiana *Naeg.*, fusco-lutea *Naeg.*, α achroa, β holochroa, γ hemichroa, bituminosa, Juliana, deusta, 224.

GLOEOCLADIA *J. Ag.* — fuscata *J. Ag.*, 741.

GLOEOPELTIS *J. Ag.* — tenax (*Turn.*), 754.

GLOEOTILA — ferruginea, protogenita, concatenata, caldaria, hyalina, pallida, tectorum, cateniformis, chlorosira, 363; mucosa, 364.

GLOIODICTYON *Ag.* — Blyttii *Ag.*, 234.

GLOIOSIPHONIA *Carm.* — capillaris *Carm.*, 714.

GOMPHONEMA *Ag.* — exiguum, minutissimum *Grev.*, tenellum, micropus, angustum, digitatum, telographicum, 63; abbreviatum, olivaceum, β ramosissimum, curvatum, 64; subramosum *Ag.*, Lenormandi *Chauv.*, Lagenula, parvulum, dichotomum, β sessile, Fibula *Bréb.*, affine, 65; capitatum, *Ehr.*, constrictum *Ehr.*, (?) contractum, acuminatum *Ehr.*, Brebissonii, 66; geminatum *Ag.*, intricatum, lanceolatum *Ehr.*, Cygnus *Ehr.*, Vibrio *Ehr.*, Turris *Ehr.*, Glans *Ehr.*, nasutum *Ehr.*, Augur *Ehr.*, 67; coronatum *Ehr.*, auritum *A. Braun*, laticeps *Ehr.*, anglicum *Ehr.*, subtile *Ehr.*, americanum *Ehr.*, (?) Pupula *Ehr.*, 68.

GOMPHOSPHAERIA — aponina, 233.

GONGROCERAS — Deslongchampsii 677; pellucidum, strictum, fastigiatum, nodiferum, penicillatum, ungulatum, ramulosum, 678; australe, gymnogonium, Orsinianum, Kellneri, gibbosum, plicatum 679; ? tenuissimum, ? tenuicorne, 680.

GONGROSIRA — dichotoma, clavata, Sclerococcus, pygmaea, ericetorum, ? fodinarum (*Ag.*), 423.

GONIOTHECIUM *Ehr.* — gastridium *Ehr.*, hispidum *Ehr.*, monodon *Ehr.*, obtusum *Ehr.*, Odontella *Ehr.*, Rogersii *Ehr.*, ? didymum *Ehr.*, 23; ? Navicula, *Ehr.*, 24.

GONIOTHRICUM — ceramicola, α simplex, β ramosum, dichotomum, 358.

GRALLATORIA — (Cfr. *Synedrae* sp. 68-74).

GRAMMATONEMA *Ag.* — striatulum, β diatomoides, 187.

GRAMMATOPHORA *Ehr.*, marina, tropica, mexicana *Ehr.*, hamulifera, angulosa *Ehr.*, 120; gibba *Ehr.*, gibberula, stricta *Ehr.*, anguina, serpentina, undulata *Ehr.*, africana *Ehr.*, islandica *Ehr.*, 121.

GRATELOUPIA *Ag.* — filicina *Ag.*, β ramentacea, γ elongata, δ conferta, prolongata *Liebm.*, porracea, 730; filiformis, concatenata, horrida, Pennatula, neglecta, verruculosa *Grev.*, Proteus, 731; Cosentinii, β marginifera, cuneifolia *J. Ag.*, denticulata *Mont.*, dichotoma *J. Ag.*, fimbriata *Mont.*, ? Aucklandica *Mont.*, 732.

GRIFFITHSIA *Ag.* — corallina *Ag.*, β tasmannica, crassiuscula *Ag.*, 659; setacea *Ag.*, β tasmannica, chilensis *Mont.*, secundiflora *J. Ag.*, antarctica *Hook. fil. et Harv.*, barbata *Ag.*, Binderiana *Sonder*, irregularis *Ag.*, sphaerica *Schousb.*, 660; devoniensis *Harv.*, opuntioides *J. Ag.*, phyllamphora *J. Ag.*, pogonoides *Megnagh.* Schousboei *Mont.*, tenuis *Ag.*, furcellata *J. Ag.*, 661; arachnoidea *Ag.*, repens *Zanard.*, ? Argus *Mont.*, confervoides *Suhr.*, tenuissima *Zanard.*, 662.

GYMNOGONGRUS *Mart.* — tentaculatus, Griffithsiae *Mart.*, furcellatus, parthenopaeus, 788; plicatus, implicatus, gigartinoides, 789.

GYMNOPLAEA — prismatica, dichotoma, incrassata 711; Biasolettiana, furcellata, canariensis, 712.

GYROSIGMA *Hassall.* — (Cfr. Naviculæ sp. 157-170).

H

HAFGYGIA — digitata, β cordata, γ stenophylla, δ membranacea, Bongardiana *Post. et Rupr.*, α palmata, β bifurcata, 577.

HALARACHNION — ligulatum, elongatum, ventricosum, cystophorum, cornutum, pinnulatum, 721; spathulatum, Corinaldii, trigonum, (?) fastigiatum, Lanceola, 722.

HALERICA — ericoides, β laxa, γ corniculata, aculeata, amentacea, 594; β patens, sedoides, lupulina, tenuis, selaginoides, vulpina, squarrosa, 595.

HALYDRIS *Lyngb.* — siliquosa *Lyngb.*, osmundacea, 604.

- HALIGENIA *Dcne.* — bulbosa *Dcne.*, Belvisii *Endl.*, 578.
- HALIMEDA *Lamour.* — triloba *Dcne.*, Opuntia *Lamx.* platydisca *Dcne.*, discoidea *Dcne.*, macroloba *Dcne.*, multicaulis *Lamx.*, Tuna *Lamx.*, increspata *Lamx.*, 504; tridens *Lamx.*, cuneata *Hering.*, cylindrica *Dcne.*, monile *Lamx.*, irregularis *Lamx.*, 505.
- HALIONIX *Ehr.* — senarius *E.*, duodenarius *E.*, 130.
- HALITEA — (cfr. Cystosirae spec. 20).
- HALOCHLOA — schizophylla, patens, 632; tortilis, serratifolia, β longifolia, tenuis, micracantha, polyacantha, macracantha, 633; Siliquastrum, pachycarpa, scoparia, (?) pallida, (?) macrocarpa, 634.
- HALOGLÖSSUM. — Griffithsianum, 561.
- HALOPITHYS. — Pinastroides, 840; australasica, 841.
- HALOPLEGMA *Mont.* — Duperreyi *Mont.*, africanum, Preisii *Sond.*, 672.
- HALOPTERIS — filicina, Sertularia, 462.
- HALORHIZA — vaga, β villosa, 551.
- HALOSACCION — (cfr. Dumontiae spec. 7-15).
- HALURUS — equisetifolius, 662; simplicifilum, radiceformis *Hook. fil. et Harv.*, 663.
- HALYDICTYON *Zanard.* — mirabile *Zanard.*, 662.
- HALYMENIA *Ag.* — floresia *Ag.*, incurvata *Suhr.*, lobata *Menegh.*, curvicornis *J. Ag.*, cyclocolpa *Mont.*, 716; Monardiana *Mont.*, marginata *Roussel.*, Usnea *Grev.*, Durvillaei *Bory.*, amoena *Bory.*, dubia *Bory.*, ramosissima *Suhr.*, Novae-Zeelandiae *Mont.*, chondricola *Sond.*, pusilla *Sonder*, 717; latissima *Hook. fil. et Harv.*, β bifida, elongata, carnosae, β dentata; clavaeformis *Suhr.* ulvoidea, 718.
- HALYSERIS *Targ.* — polypodioides *Ag.*, 561; β angustifrons, γ laciniata, Justii *Ag.*, β Areschougii (*J. Ag.*), Woodwardia *Ag.*, delicatula *Ag.*, linearis *Ag.*, dichotoma *Suhr.*, Plagiogramma *Mont.*, macrocarpa *Aresch.*, 562; ligulata *Suhr.*, serrata *Aresch.*, 563.
- HANOWIA *Sonder* — australis *Sond.*, 672.
- HAPALIDIUM — roseolum, Phyllactidium, 695.
- HAPALOSIPHON *Naeg.* — Braunii *Naeg.*, 895.
- HELIOPELTA *Ehr.* — Metii *Ehr.*, Leeuwenhoeckii *Ehr.*, Euleri *Ehr.* Selligueii *Ehr.* 132.
- HEMIAULUS *Ehr.* — antarcticus *E.*, (?) australis *E.*, 139
- HERCOTHECA *Ehr.* — mammillaris *Ehr.* 27.

- HERPOCHAETA *Mont.* — fastigiata *Mont.*, 494.
 HERPOSTEIRON *Naeg.* — confervicola *Naeg.*, 42.
 HETERACTIS — pruniformis, mesenterica, 334.
 HETEROCLADIA *Dcne.* — prolifera, 879.
 HILDENBRANDTIA *Nardo* — sanguinea, rosea, 694; β fluviatilis, *Nardi Zanard.*, 695.
 HIMANTHALIA *Lyngb.* — lorea *Lyngb.*, gladiata, 587; australis *Sond.*, 588.
 HIMANTIDIUM *Ehr.* — exiguum *Bréb.*, 8; minus, pectinale, *Soleirolii*, *Arcus E.*, gracile *E.*, veneris, monodon *E.*, bidens *E.*, Papilio *E.*, 9; guianense *E.*, Tetraodon *Bréb.*, denticulatum *Bréb.*, 10.
 HOMEOCLADIA *Ag.*, penicillata, pumila, 97; moniliformis, anglica, *Martiana Ag.*, Arbuscula, dilatata, lubrica, 98.
 HOMEOTRICUM — (cfr. *Callithamnii* sp. 1-18).
 HORMIDIUM — (cfr. *Ulthricis* sp. 35-44).
 HORMOCERAS — polyceras, nodosum, 674; diaphanum, gracillimum, moniliforme, circinatum, Catenula, cateniforme, decurrens, β majus, duriusculum, confluens, 675; perversum, fruticulosum, transfugum, Biasolettianum, sytrophum, pygmaeum, variegatum, (?) pulchellum, siliquosum, 676 — dubiae: *a* *Cer. patens*, *Menegh.*, *b* *C. capillaceum Menegh.*, *c* *C. attenuatum, Menegh.*, *d* *C. erumpens Menegh.*, *e* *C. inospicuum Zanard.*
 HORMOPHYSA — triquetra, 603.
 HORMOSIPHON — tenuissimus, papyraceus, margaritaceus, granularis, 301: furfuraceus, macrosporus, macrosiphon, irregulare, 302.
 HORMOSIRA *Endl.* — Banskii *Dcne.*, Billardieri *Mont.*, gracilis, obconica, 586.
 HORMOSPORA *Bréb.* — mutabilis *Bréb.*, transversalis *Bréb.*, 345.
 HORMOTRICHUM — affine, albicans, flaccum, didymum, β gracile, 381; fasciculare, viridi-fuscum, vermiculare, penicilliforme, globiferum, *Carmichaelii*, isogonum, *Younganum*, 382; bangioides, collabens, *Wormskiol-dii*, 383.
 HYALOSIRA — minutissima, delicatula, rectangula, obtusangula, 115.
 HXALOTHECA *Ehr.* — mucosa *E.*, *Ralfsii*, 187; (?) dubia, 188.
 HYDROCOCCUS — rivularis, ulvaceus, *Brebissonii*, 231.

- HYDROCOLEUM — homoeotrichum, heterotrichum, 258;
Brebissonii, Meneghinianum, lynchbyaceum, β rupe-
stre, 259.
- HYDRODICTYON *Roth* — utriculatum *Roth*, 448.
- HYDROPUNTIA *Mont.* — *Urvillei Mont.*, 752.
- HYDRURUS *Ag.* — parvulus *Naeg.*, *Leibleinii*, *Vaucherii*
Ag., *Ducluzelii Ag.*, sporochnoides, 232; flagelliformis,
penicillatus *Ag.*, crystallophorus *Schübl.*, irregularis,
 β tenuior, 233.
- HYGROCROCIS *Ag.* — *Undula*, simplex, β *Sambuci*, oliva-
cea, fascicularis, clara, nivea, 148; leucocoma, *Pelli-*
cula, *Plumula*, *Melissae*, fenestralis, *Menthae*, perple-
xa, cuprica, 149; nebulosa, catenata, *Lauro-Cerasi*,
acida, disciformis, stibica, phosphorica, concatenata,
chamaematophora, stagnalis, β *Batrachospermi*, 150;
 γ confervacearum, *Decaisnei*, *Desmazierii*, *Violae*. *Crown-*
an, azurea *Bréb.*, *Seidlitzensis Lenorm.*, barytica,
Ag., pallida *Ag.*, sanguinea *Ag.*, *vini Ag.*, β *doliorum*,
151; malina *Bréb.*, reticulata *Biasol.*, gossypina *Bias.*,
Abrotani Bias., *Chamomillae Bias.*, hypertocentrica
Bias., *Naphae Bias.*, crystallina *Bias.*, furcellata *Bias.*,
152; (?) dendrifformis *Bias.*, ramulosa *Bias.*, *Phillyreae*
Bias., *Juniperi Bias.*, arachnoidea *Bias.* pycnocomma
Bias., (?) fasciculata *Menegh.*, 153.
- HYMENENA *Grev.* — fissa *Grev.*, fimbriata *P. et R.*, cri-
spata, 873.
- HYPHEOTHRIX — *Braunii*, α fasciculata, β continua, 266;
 γ iridea, vulpina, *Regeliana Naeg.*, *Leveilleana*, co-
riacea, *Bremiana Naeg.*, β griseo-fuscescens, subtilis,
violacea, confervae, 267; *Meneghinii*, subcontinua, fe-
nestralis, lateritia *Zenkeri*, calcarea *Naeg.*, *Naegelii*,
pulvinata *Naeg.*, β confluens, 268; aeruginea, fascicu-
lata *Naeg.*, cyanea *Naeg.*, incrustata *Naeg.*, turicen-
sis *Naeg.*, cataractarum *Naeg.*, β forma..., γ terebri-
formis, involvens, scopulorum, (?) delicatula, 269.
- HYPNEA *Lamour.* — musciformis *Lam.*, *Rissoana J. Ag.*
Valentiae Mont., *Charoides Lamx.* 758; ceramioides,
Ecklonii Suhr., divaricata *Grev.*, spinella, *Esperi Bo-*
rry, rugulosa *Mont.*, pannosa, 759; erecta, *Harveyi*,
conferta, spicifera, chordacea, episcopalis, *Hook. fil.*
et *H.*, fruticulosa, 760; (?) setacea, (?) secundiramea
Mont., rangiferina *Grev.*, 761.

HYPOGLOSSUM — Woodwardi, β ovalifolium (*J. Ag.*), γ arborescens (*Lenor m.*), δ filiforme, ε glomeratum, minutum, Leprieurii, ruscifolium, 875; crassinervium, serratum, bipinnatifidum, frondosum, Lyalii, crispum, endiviaefolium *Hook fil. et H.*, (?) ligulatum, concatenatum, alatum, angustissimum, spathulatum, dichotomum *Hook. et Harv.*, 877.

I

IANIA *Lam.* — rubens *Lam.*, β concatenata, spermophoros, longifurca *Zan.*, cubensis *Mont.*, 709; adhaerens *Lam.*, purpurata *Blainv.*, corniculata *Lam.*, micrarthrodia *Lam.*, antennina, pumila *Lam.*, pygmaea *Lam.*, verrucosa *Lam.*, tenuissima *Sond.*, gracilis *Zanard.*, parvula *Zanard.*, 710; Plumula *Zanard.*, gibbosa *Lam.*, pedunculata *Lam.*, 711.

INACTIS — tornata, β pulvinata, vaginata *Naeg.*, crustacea, 273.

INOCHORION — dichotomum, (?) cervicorne, 873.

INODERMA — lamellosum, fontanum, 471.

INOMERIA — Roemeriana, Brebissoniana, (?) granulosa *Naeg.*, 343.

INSILELLA *Ehr.* — africana *E.*, 32.

IRIDAEA *Bory* — edulis *Bory*, 724; minor *Endl.*, elliptica, pulchra, ornata *P. et R.*, lacera *P. et R.*, cordata *Bory*, Belangerii *Bory*, 725; gigantea, orbitosa *Suhr.*, lilacina *P. et R.*, violacea, β prolifera, laminarioides *Bory*, micans *Bory*, Cutleriae *Mont.*, Augustinae *Bory*, ciliata, 726; platyna *P. et R.*, phyllocarpa *P. et R.*, pustulosa *P. et R.*, Binderi *J. Ag.*, heterocarpa *P. et R.*, Mertensiana *P. et R.*, punicea *P. et R.*, 727; affinis *P. et R.*, pinnata *P. et R.*, socialis *P. et R.*, lubrica, dichotoma *Hook. et Harv.*, obovata, decipiens *Hook. fil. et H.*, dentata, 729; curvata, lapathifolia, carnosae *J. Ag.*, labyrinthifolia, 729.

ISOGONIUM — (cfr. *Oedogonii spec.* 28-39).

ISTHMA *Ag.* — enervis *Ehr.*, nervosa, 135; (?) africana *Ehr.*, 136.

ISTHMOSIRA — vertebrata, filiformis, 188; excavata, 189.

K

KUETZINGIA *Sonder* — canaliculata *Sond.*, 846.

L

LAMINARIA *Lamour.* — saccharina *Lam.*, β bullata, γ spiralis, δ bmarginata, ε angustifolia, pallida *Grev.*, crassifolia *P. et R.*, triplicata *P. et R.*, crispata, 574; acuminata, β laciniata, laciniata, cuneifolia, *Phyllithis Lam.*, falcifolia, ensifolia, latifolia *Ag.*, β cuneata, γ elongata, macrophylla, 575; simplex *Suhr.*, longicruris *P. et R.*, bifida *P. et R.*, taeniata *P. et R.*, himanthophylla *P. et R.*, sessilis *Ag.*, elliptica *Ag.*, β Cabrerae (*Mont.*), 576.

LAURENCIA *Lamour.* — capensis *Harv.*, laxa *Grev.*, usneoides, uncinata, 852; dasyphylla *Grev.*, fasciculata *Grev.*, fusifolia *Hook. et H.*, Baileyana *Mont.*, pyrifera, fastigiata *Mont.*, perforata *Mont.*, radicans, filiformis *Mont.*, 853; setacea, canariensis *Mont.*, obtusa *Lam.*, pyramidalis *Bory*, Forsteri *Grev.*, β delicatula, γ gracilis *Sonder*, δ elata *Sond.*, ε fragilis *Sond.*, affinis *Sond.*, patentiramea *Mont.*, 854; β erecta, gelatinosa *Lamx.*, β versicolor *Lamx.*, cyanosperma *Lamx.*, glandulifera, Arbuscula *Sond.*, paniculata, thyrsoides *Mont.*, papillosa *Grev.*, 855; Brongniartii *Ag.*, cylindrica, canariensis *Mont.*, hybrida *Lenorm.*, pinnatifida *Lam.*, β Osmunda, elata, β californica, flexuosa, 856; complanata *Suhr.*, spectabilis *P. et R.*, botryoides *Gaill.*, botryocephala, seticulosa *Grev.*, glomerata, β corymbifera, Wrightii, concinna *Mont.*, 857; Batrachopus *Grev.*, (?) melanothrix, divaricata *Suhr.*, intricata *Suhr.*, (non *Lamx.*) nuda *Suhr.*, 858.

LEATHESIA *Gray* — marina *Endl.*, Berkeleyi, (?) flaccida *Endl.*, 543.

LEIBLEINIA *Endl.* — Martensiana, penicillata, luteola,

- Juliana, Corallinae, aequalis, aeruginea, rupestris *Naeg.*, 276; australis, flaccida, virescens, chalybea, β bicolor, purpurea, β coccinea, γ amethystea, Meneghiniana, 277; Hoffmanni, sordida, semiplena, cespitula, Cirrulus, β minor, capillacea, polychroa *Menegh.*, 278; β confervicola, violacea *Menegh.*, gracilis *Menegh.*, zostericola *Endl.*, Mucor, stellulata (*Zanard*) 279.
- LEMANIA *Bory* — fluviatilis *Ag.*, β tenuis, γ adulta, botryophora *L.*, 527; mamillosa, α fucina, β subtilis, annulata, torulosa, sudetica, abyssinica, catenata, nodosa, (?) *a* variegata *Ag.*, *b* Corinaldi *Menegh.* *c* (Sphaeroc.) violascens *Ag.* 528.
- LENORMANDIA *Sonder* — spectabilis *Sond.*, marginata *Harr.* et *Hook.*, 849.
- LEPTOMITUS *Ag.*, saccharicola, aureo-stannicus, violaceus, phosphoratus, ammoniatus, Naphae, Valerianae, elaeophilus, 154; lacteus *Ag.*, tuberosus, Lanugo *Ag.*, minutissimus *Ag.*, incompositus *Ag.*, vitreus *Ag.*, Cera-
tophylli *Ag.*, (?) brevis *Ag.*, divergens *Ag.*, 155; nanus *Ag.*, juniperinus *Bias.*, Tiliae *Bias.*, Pulegii *Bias.*, Plantaginis *Bias.*, Salviae *Bias.*, β tenuior, Lavandulae *Bias.*, spinosus *Bias.*, acanthiformis *Bias.*, Cerevisiae *Duby*, multi-cerevisiae *Duby*, 156; multi-juniperini *Duby*, glutini-farinulae *Duby*, 157.
- LEPTOTHAMNION — Rabenhorstii, 896.
- LEPTOTHRIX — Lanugo, 262; parasitica, rigidula, radians, tinctoria, ianthina, fontana, brevissima, β cespitosa, ochracea, lutea, 263; gloeophila, (?) dubia *Naeg.*, lurida, cyanea, kermesina, rosea, mamillosa *Menegh.*, Dictyothrix, lateritia, rufescens, lutescens, 264; purpurascens, Kützingiana *Naeg.*, miraculosa, dalmatica, olivacea, subtilissima, tenuissima *Naeg.*, jadertina, herbacea, aeruginea, β pallida, 265; compacta, β lilacina, lamellosa, tomentosa, muralis, Kohleri *Naeg.*, calcicola, 266.
- LESSONIA *Bory* — fuscescens, *Bory*, nigrescens *Bory*. 581; ovata *Hook. fil.* et *H.*, Berteroana *Mont.*, laminariaeoides *P.* et *R.*, 582.
- LEVEILLEA *Decne* — Schimperii *Decne*, gracilis *Decne*, pectinata, *Decne*, comosa *Decne*, 882.
- LIAGORA *Lamour.* — versicolor *Lamour.*, β ramellifera, 537; distenta *Lamx.*, australasica *Sond.*, viscida

- Ag.*, α coarctata, β laxa, physcyoides *Lamx.*, brachyclada *Dcne.*, Caenomyce *Dcne.*, cladoniaeformis *Bory.*, albicans *Lamx.*, decussata *Mont.*, pulverulenta *Ag.*, 538; leprosa *Lieb.*, farinosa *Lamx.*, aurantiaca *L.*, 539.
- LICMOPHORA *Ag.* — fulgens, radians, flabellata, β minor, Meneghiniana, divisa, 113.
- LIMNACTIS — parvula, dura, minutula, 335; β Orsiniana, Lyngbyana, 336.
- LIMNOCHLIDE — flos aquae, β hercinica, γ Harveyana, 286.
- LIMNODICTYON — (cfr. Palmogloeeae sp. 15).
- LITHODESMIUM *Ehr.* — undulatum *Ehr.*, 133.
- LOMENTARIA *Lyngb.* — kaliformis *Gaill.*, fasciata *Menegh.*, 862; patens, squarrosa, capensis, Novae Zeelandiae *Hook. et Harv.*, linearis *Zanard.*, impudica *Mont.*, phalligera, affinis *Hook. fil.*, articulata *Lyngb.*, 863; β polycephala, Tasmanica *Harv.*, torulosa, parvula *Gaill.*, brevis, tenera, exigua, *DNtr.*, uncinata *Mart.*, intertexa *Chaur.*, 864; ramentacea *Endl.*, (Gastridium) corallinum *Suhr.*, (Loment.) pusilla *DNtr.*, (Gastr.) constrictum *Suhr.*, (Gastr.) corymbosum *Suhr.*, 865.
- LOPHOTHALIA *Harv.* (non *Lophotamnus* ut in indice) verticillata *Harv.*, 797.
- LOPHURA — gracilis, cymosa, patula *Hook et H.*, Preisii *Sond.*, lycopodioides, floccosa, Larix, 850; Gaimardii, multicornis, comosa *Hook. et Harv.*, australasica *Mont.*, episcopalis *Mont.*, ? (Rhodomela) rugulosa *D' Urville*, 851.
- LYCHNOTHAMNUS *Rupr.* — (cfr. Charae sp. 1-3).
- LYNGBYA *Ag.* — Juliana *Menegh.*, solitaris, 279; Mandruzzatiana *Menegh.*, dalmatica, Phormidium, Stragulum, putealis *Mont.*, conglutinata, amphibia *Menegh.*, flaccida, Schowiana, 280; β tomentosa, stagnina, thermalis, salina, β terrestris, obscura, α aestivalis, β annosa, cinarescens, interrupta, 281; β hollandica, guianensis, luteo-fusca, *J. Ag.*, β fasciculata, aeruginosa *Ag.*, β major, γ ferruginea, δ versicolor, ϵ fusca, arachnoidea, glutinosa *Ag.*, pannosa, 282; crispa, *Ag.*, β violacea, cincinnata, β annosa, tropica, margaritacea, β homogenea, γ nodosa, majuscula *Harv.*, pulcherrima, 283; erosa *Liebm.*, mauritanica *Mont.*, β Gaudichaudiana, pacifica, anguina *Mont.*, prasina *Mont.*, major, versatilis *Popp.*, fluitans *He-*

ring., nigra *Ag.*, variabilis *Ag.*, confervoides *Ag.*, (?)
Cantharidosoma Mont., 285.
 LYSIGONIUM — (cfr. *Melosirae* sp. 1-2).

M

- MACROCYSTIS *Ag.* — pyrifera *Ag.*, β planicaulis, 582;
 γ integrifrons, δ angustifrons, ε zosteræfolia, ζ luxu-
 rians, η membranacea, latifrons *Bory*, Orbignyana
Mont., Dubenii *Aresch.*, latifrons *Bory*, 583; obtusa
Harv., ternifolia *P. et R.*, 584.
 MACROTRICHUM — (cfr. *Callithamnii* spec. 19-34).
 MARGINARIA *A. Rich.* — Urvilleana *A. Rich.*, Gigas *Rich.*, Boryana *Mont.*, Jacquiniotiana, 637.
 MARTENSIA *Hering* — elegans *Hering*, 888.
 MASTICHONEMA *Schwabe* — thermale *Schw.*, paradoxum,
 cespitosum, fasciculatum, Orsinianum, Contarenii, 326.
 MASTICOTHRIX — fusca, 325; aeruginea, 326.
 MASTOCARPUS — alveatus, 732; mamillosus, striatus, Ra-
 dula, bracteatus, polycarpus, papillatus, 733; volans,
 corymbiferus, spinosus, Harveyanus, Klenzeanus, in-
 signis *Endl.*, et *Diesing* 734; validus, 735.
 MASTOGONIA *Ehr.* — Crux *Ehr.*, quinaría *Ehr.*, Rota *Ehr.*,
 sexangula *Ehr.*, Actinoptychus *Ehr.*, Oculus Chamae-
 leontis *Ehr.*, heptagona *Ehr.*, Discoplea *Ehr.*, 25.
 MASTOPHORA *Dcne.* — crassiuscula, laevis, 696; liche-
 noides, macrocarpa *Mont.*, tenuis *Dcne.*, Decaisnei,
 plana *Sond.*, flabellata *Sond.*, stelligera *Endl.*, et
Diesing, 697.
 MELANTHALIA *Mont.* — Billardierii *Mont.*, Jaubertiana
Mont., 785.
 MELOBESIA *Lamour.* — membranacea *Lamx.*, foliacea,
 pustulata *Lamx.*, β cancellata, corticiformis, granu-
 lata *Menegh.*, farinosa *Lamx.*, verrucata *Lamx.*, β
 antarctica *Hook.*, 696.
 MELOSIRA *C. Ag.* — salina, β concatenata, nummuloi-
 des, 27; moniliformis *Ag.*, lineata *Ag.*, dubia, subfle-
 xilis, varians *Ag.*, 28; β aequalis, distans, Dozyana
V. den Bosch, tenuis, Jurgensii, orichalcea, undula-

- ta, hetrurica, italica, 29; β crenulata, γ Binderana, sulcata, arenaria *Moore*, americana, decussata, β ordinata, 30; lirata, Oculus, Sol, pileata, Tympanum, calligera, (?) coronata, (?) plana, sculpta, spiralis, 31.
- MERIDION *Leibln.* — circulare *Ag.*, β curvatum, Zinckeni, panduriforme *Ehr.*, ovatum *Ag.*, 10.
- MERISMOPOEDIA *Meyen* — glauca, hyalina, 471; punctata *Mey.*, thermalis, major, violacea, convoluta *Bréb.*, aeruginea *Bréb.*, elegans *A. Br.*, 472.
- MERIZOMYRIA *Poll.* — ulvoides, litoralis, laminosa, fluctuans, flos aquae, flagelliformis, 325.
- MESOCARPUS *Hassall* — scalaris *Hass.*, intricatus *Hass.*, recurvus *Hass.*, nummuloides *Hass.*, depressus *Hass.*, ovalis *Hass.*, parvulus *Hass.*, angustus *Hass.*, 435.
- MESOCENA *Ehr.* — Circulus *Ehr.*, Diodon *Ehr.*, elliptica *Ehr.*, triangula *Ehr.*, heptagona *Ehr.*, octogona *Ehr.*, bioctonaria *Ehr.*, binonaria *Ehr.*, (?) Spongolithis *Ehr.*, 142.
- MESOGLOEA *Ag.* — vermicularis *Ag.*, 544; α australis, β septentrionalis, γ Zosteræ, virescens *Carm.*, β Hornemanni, γ gracilis, δ minor, Griffithsiana *Grev.*, divaricata, Posidoniae, 545; microcarpa *Mont.*, linearis *Hook. et Harv.*, 546.
- MICRASTERIAS *Ag.* — apiculata *Menegh.*, Rota *Menegh.*, semiradiata *Bréb.*, melitensis *Menegh.*, β gracilis, 170; americana, Sol, incisa, pinnatifida, (?) octocornis *Menegh.*, 171.
- MICROCLADIA *Grev.* — glandulosa *Grev.*, 689.
- MICROCYSTIS — Noltii, 208; austriaca, olivacea, minor, 209.
- MICRODICTYON *Dcne.* — Agadhianum *Dcne.* Calodictyon *Dcne.*, 512.
- MICROHALOA — aurantiaca, pallida, protogenita *Bias.*, Pini, *Bias.*, firma *Bréb.* botryoides, virescens, 207.
- MICROMEGA *Ag.* — intricatum, parasiticum, 105; bombycinum, Stalianum, patens, flagelliferum, lineatum, floccosum, Berkeleyi, hyalinum, 103; tenellum, Hyalopus, ramosissimum *Ag.*, setaceum, β corymbosum, γ torquatum, aureum, corymbosum, 107; myxacanthum, apiculatum, medusinum, chondroides, spinescens, albicans, polycladas, fastigiatum, 108; sirospermum, pallidum *Ag.*, corniculatum *Ag.*, (?) Blytii *Ag.*, 109.

- MICROTHAMNION *Naeg.* — Kûtzingianum *Naeg.*, 352.
 (?) MICROTHECA *Ehr.* — octoceras *Ehr.*, 169.
 MICROTHÖE *Dcne.* — (conf. *Galaxaurae* spec. 10-14).
 (?) MONACTINUS *Corda* — simplex *Corda*, Triangulum, ovatus (*Ehr.*), 194.
 MOUGEOTIA *Ag.* — genuflexa *Ag.*, compressa *Ag.*, Fasciola *Menegh.*, affinis, 433; brevis, gracilis, β radicans, γ elongata, tenuis, decussata, subtilis, (?) *Linckii Ag.*, 434.
 MYAGROPSIS — Camelina, Turneri, 634; (?) microceratia, (?) *Thunbergii*, β *Swartzii*, 635.
 MYCHODEA *Hook. et Harv.* — carnosa *Hook. fil. et Harv.*, membranacea *Hook. fil. et Harv.*, 723.
 MYCOCOELIUM — rivulare, 160.
 MYCOTHAMNION — confervicola, Rubi-Idaei, macrospermum, 157.
 MYRIACTIS — pulvinata, 539.
 MYRIODESMA *Dcne.* — serrulatum *Dcne.*, quercifolium, angustifolium, Boryanum, 588.
 MYRIONEMA *Grev.* — punctiforme *Harv.*, maculiforme, strangulans *Grev.*, ocellatum, *Leclancherii Harv.*, (?) clavatum *Harv.*, 540.
 MYRIOTHRICHIA *Harv.* — clavaeformis *Harv.*, filiformis *Harv.*, 470.
 MYXONEMA *Fr.* — (cfr. *Stigeoclonii* sp. 1-5).

N

- NACCARIA *Endl.* — *Wigghii Endl.*, *Vidovichii Menegh.*, 714.
 NAVICULA *Bory.* — subula, amphioxys *Ehr.*, oxyptera, aponina, β brachysira, velox, gracilis *Ehr.*, β laevis, viridula, radiosa, 69; serians, β indica, meleagris, leptostigma *Ehr.*, *Petersii (Ehr.)*, stelligera (*Ehr.*), neglecta, indica (*Ehr.*), decussata (*Ehr.*), oxyphyllum, 70; *Ehrenbergii*, vulpina, *Cari Ehr.*, carinata *Ehr.*, firma, (?) asperula, microstoma, oregonica, *Schomburgki*, *Iridis Ehr.*, 71; latiuscula, mutica, mediterranea, appendiculata, *Jurgensii*, obtusa *Ehr.*, *Brebissonii*, Pupula, costata, 72; β minor, Utriculus, *Disphenia*, acuta, amphigomphus *Ehr.*, β striata, amphispheemia *Ehr.*,

Esox, rhomboides *Ehr.*, rhombea *Ehr.*, Demerarae *Ehr.*, (?) diaphana *Ehr.*, 73; Schomburgkorum *Ehr.*, tenella *Bréb.*, (?) phyllepta, *Lyra Ehr.*, cuspidata, rostrata *Ehr.*, Gastrum, Placentula, libyca *Ehr.*, lanceolata, 74; cryptocephala, rhychocephala, veneta, Pisciculus, rostellata, amphiceros, amphistylus, amphibaena *Bory*, sphaerophora, Carassius *Ehr.*, 75; exilis, ambigua *Ehr.*, Amphirhynchus *Ehr.*, leptorhynchus *Ehr.*, Dirhynchus *Ehr.*, affinis *Ehr.*, dubia *Ehr.*, biceps *Ehr.*, dicephala *Ehr.*, diomphala *Ehr.*, 76; Tuscula *Ehr.*, aequalis, Fusidium *Ehr.*, limbata *Ehr.*, Bacillum *Ehr.*, suecica *Ehr.*, ostrearia, pygmaea, borealis, truncata, laevissima, tumida *Bréb.*, 77; β minor, Algeriensis *Mont.*, acrosphaeria, Kefvingensis *Ehr.*, hemiptera, peregrina, oblonga, viridis, 78; maior, β conjugata, chilensis, lata *Bréb.*, Dactylus, pleurophora, omphalia *Ehr.*, norvegica, 79; praetexta *Ehr.*, quadrifasciata *Ehr.*, Parmula *Bréb.*, elliptica, nobilis, Gigas, pachyptera, gibba, Tabellaria, 80; mesogongyla, porrecta, decurrens, mesotyla *Ehr.*, scopulorum *Bréb.*, leptogongyla, ventricosa *Ehr.*, inflata, Trochus, 81; capitata *Ehr.*, Semen *Ehr.*, dilatata *Ehr.*, Cyprinus, Sillimanorum, americana *Ehr.*, Faba, (?) hyalina, imperialis, binodis *Ehr.*, 82; duplicata *Ehr.*, paradoxa *Ehr.*, Entomon *Ehr.*, interrupta, Conops, Bombus, Apis, didyma, Crabro, gemina *Ehr.*, 83; Amphiprora, Kochii, nodulosa, nodosa *Ehr.*, β striata, gibberula, limosa, undosa *Ehr.*, mesolepta *Ehr.*, Silicula *Ehr.*, 84; polyonca *Bréb.*, Hitchcockii *Ehr.*, isocephala, Monile *Ehr.*, Formica *Ehr.*, (?) genuflexa, lunata, Scalpellum, Scalprum *Gaill. et Turp.*, thuringica, 85; attenuata, acuminata, Hippocampus *Ehr.*, baltica *Ehr.*, Agellus *Ehr.*, curvula *Ehr.*, lamprocampa *Ehr.*, 86; sinuosa *Ehr.*, subtilis *Bréb.*, sima *Ehr.*, inversa *Ehr.*, 87.

NEMALION *Targ. Tozz.* — multifidum *J. Ag.*, lubricum *Duby*, attenuatum *J. Ag.*, 712; comosum *Menegh.*, purpureum *Chaur.*, β dalmaticum, clavatum, divaricatum, coccineum, purpuriferum, 713.

NEMATOCOCCUS — albidus, 158.

NEOMERIS *Lamour.* — dumetosa *Lamx.*, 509.

NEREOCISTIS *Post. et Rupr.* — Lütkeana *Post. et Rupr.*, 584.

NEUROCAULON *Zanard.* — foliosum, *Zanard.*, *Rosa marina*, *sitchense*, 744.

NEUROGLOSSUM — *Binderianum*, 881.

NITELLA *Ag.* — translucens *Ag.*, gelatinosa *A. Br.*, (?) furcata *Ag.*, 513; flexilis *Ag.*, β glomerulifera (*A. Br.*), syncarpa, α laxa longifolia *A. Br.*, β laxa brevifolia *A. Br.*, γ glomerata, δ capitata, ε gloeocephala, macrosperma *A. Br.*, mucronata, β heteromorpha, 514; γ Sieberi, exilis *A. Br.*, guineensis, longifurca *Rupr.*, gracilis *Ag.*, africana *A. Br.*, tenuissima, batrachosperma *A. Br.*, condensata *Rupr.*, 515; interrupta *Rupr.*, hyalina, heterophylla *A. Br.*, congesta *A. Br.*, Lhotzkyi *A. Br.*, 516; fasciculata, *A. Br.*, β robustior, Dregeana *A. Br.*, glomerata *A. Br.*, nidifica *Ag.*, 517; stelligera, β ulvoides, clavata, 518.

NODULARIA *Mert.* — spumigera *Mert.*, *Suhriana*, 295.

NOSTOC *Vauch.* — minutissimum, β terrestre, 295; rupestre, lichenoides, *Vauch.*, β vesicarium, γ molle, gregarium *Thur.*, edule *Berck. et Mont.*, sphaericum *Vauch.*, gymnosphaericum, coeruleum *Lyngb.*, 296; Wallrothianum, pruniforme *Ag.*, parmelioides, microtis *Mont.*, laciniatum *DC.*, alpinum, foliaceum *Ag.*, muscorum *Ag.*, 297; commune *Vauch.*, β fuscum, γ lutescens, tuberosum, lacerum, Beilschmiedianum, coriaceum *Vauch.*, 298; arctum, sudeticum, collinum, pellucidum, laevigatum, salsum, *Quoji Ag.*, inundatum, carneum *Ag.*, nivale, 299; Mougeotii *Bréb.*, verrucosum *Vauch.*, β stagnorum, peloponnesiacum, spongiaeforme *Ag.*, agglutinans *Menegh.*, lacustre, piscinale, β bullosum, 300; purpurascens; *a* rufescens *Ag.*, *b* humifusum *Carm.*, *c* variegatum *Moore*, *d* papyraceum *Ag.*, *e* *Lemaniae Ag.*, 301.

NOTHOGENIA *Mont.* — variolosa *Mont.*, tuberculosa, 793.

O

ODONTELLA *Ag.* — subaequa, obtusa, aurita *Ag.*, turgida, polymorpha, laevis, *Rhombus*, 136; (?) polymera, (?) tumida, (??) *Denticella tridentata Ehr.*, *Denticella Fragilaria Ehr.*, *Odontella amphicephala Ehr.*

- ODONTHALIA *Lyngb.* — dentata *Lyngb.*, 846; corymbifera *Grev.*, Gmelini *P. et R.*, ? microdonta *Grev.* 847.
- ODONTIDIUM — mesodon, turgidulum, glaciale, 12; hyemale, pinnatum, striolatum, syriacum, (?) Leptoceros, Amphiceros, granulatum, pinnulatum, rotundatum, nodulosum, 13; (?) polyedrum, (?) Glans., 14.
- ODONTODISCUS *Ehr.* — Spica *Ehr.*, Uranus *Ehr.*, (?) eccentricus *Ehr.*, 129.
- OEDOGENIUM *Link* — delicatum, minutum, longatum, parvulum, Rothii *Bréb.*, 364; Candollii *Bréb.*, tenellum, vesicatum *Link*, β lumbricale, γ fuscescens, scutatum, β turicense (*Naeg.*), elegans, ochroleucum, fasciatum, nodosum, Boscii *Bréb.*, 365; hexagonum, gracile, apophysatum *A. Br.*, tumidulum, β parasiticum, echinospermum *A. Br.*, Braunii, pulchellum, grande, giganteum, 366; capilliforme, concatenatum, holsaticum, Landsboroughii, β laeve, (?) turfosum, dubium, pallidum, Meneghinianum, intermedium, capillaceum, 367; affine, fonticola *A. Br.*, capillare, α fluctuans, β natans, γ pannosum, δ fuscum, stagnale, subsetaceum, catenulatum; ? (*Vesciculifera Hassall*) aequale, alatum, 368; Mulleri, dubium, affine, compressum, sphaericum, inaequale, cuspidatum cardiacum, paludosum, Borisiovatum, Ralfsii, Vaucherii, 369; flavescens, Cuvieri crassum, lucens *Zanard.*, 370.
- OMPHALOPELTA *Ehr.* — cellulosa *Ehr.*, areolata *Ehr.*, (?) punctata *Ehr.*, versicolor *Ehr.*, 133.
- ONCOSPHEIA *Ehr.* — carpathica *Ehr.*, 11.
- ONCOTYLUS — norvegicus, crenulatus, dilatatus, 789.
- OOCARDIUM *Naeg.* — stratum *Naeg.*, 196.
- OPHIOTHRIX *Naeg.* — apiculata, *Naeg.*, 237.
- ORTHOSEIRA — (cfr. *Melosirae* add. pag. 889). Dickieii *Thw.* 889.
- OSCILLARIA *Bosc.* — leptomitiformis, Raineriana, alba *Vauch.*, dulcis, tigrina, 237; iridescens, versatilis, subtilissima, tenerrima, Kützingiana *Naeg.*, leptotricha, β submarina, amphibia *Ag.*, 238; elegans, *Ag.*, gracillima, circinata, purpurascens, chlorina, spissa *Bory*, fenestralis, terebriformis *Ag.*, 239; Okeni *Ag.*, β gracilis, neapolitana, tergestina, brevis, aerugineo-coerulea, americana, subfusca *Vauch.*, 240; coelestis, repens *Ag.*, antliaria *Jürg.*, α physodes, β purpureo-

coerulea, γ phormidioides, tenuis *Ag.*, 241; α viridis *Vauch.*, β *Adansonii Bory*, γ *formosa Bory*, δ *elegans Bory*, ε *fallax Bory*, ζ *gyrosa Bory*, η *sordida*, θ *limicola*, *Cortiana*, *Juliana Menegh.*, *natans*, 242; β *criptarthra*, *Poretana Menegh.*, *limosa*, α *laete aeruginea*, β *uncinata*, γ *Targionii*, δ *amethysteo-chalybea*, ε *bicolor*, 243; ζ *allochroa*, η *chalybea*, θ *animalis*, ι *subfusca*, *rubescens. DC.*, *Mougeotii Bory*, *irrigua*, *glauescens*, 244; *nigra Vauch.*, β *Brebissonii*, *anguina Bory*, *chalybea Mert.*, β *Boschii*, γ *luticola*, *ornata*, 245; β *dilutior*, *subsalsa Ag.*, β *dulcis*, *sancta*, *intermixta*, *dubia*, β *affinis*, *coerulea*, *Frölichii*, 246; *Antillarum*, *majuscula Lyngb.*, *inflata Menegh.*, *partita*, *percursa*, β *marina*, *major Vauch.*, 247; β *veneta*, *Grateloupii Bory*, β *tenuior*, *margaritifera*, *princeps Vauch.*, *maxima*; ? *a calida Ag.*, *b muscorum Ag.*, 248; *c purpurea Hook. et Harv.*, *d violacea Johnst.*, *e Dickiei Hassall*, *f thermalis Hassall*, *g virescens Hassall*, *h turfosa Carmich.*, *i aerugescens Drumm.*, *k splendida Grev.*, *l vertebriformis Menegh.*, 249.

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PALMODICTYON — *viride*, (?) *rufescens*, *Hookeri*, 234.

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- PALMOPHYLLUM — flabellatum, 231.
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- PHORMIDIUM — amoenum, α infusionum, β compactum, smaragdinum, β thermarum (*Naeg.*), Boryanum, 250; valesiacum, inundatum, β conspersum *Menegh.*, ob-

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PHYCODRYS — sinuosa, 874.

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PHYCOPHILA — fucorum, Agardhii, stellulata, stellaris, ferruginea, flaccida, 541; gracilis, vulpina, rigida, torulosa, curta, breviarticulata, Wallrothii, ? Rivulariae, 543.

PHYCPTERIS — interrupta; ? *Harveyana Pappe*, 564.

PHYCOSERIS — Linza, uncialis, lanceolata, 475; β angusta, γ ramifera, crispata, Ligula *Mont.*, planifolia, olivacea, smaragdina, α latifolia, β angustifolia, curvata, lacinulata, gigantea, β perforata, 476; Myriotrema *Lenorm.*, rigida, plicata, australis, β umbilicalis, lappathifolia, Ulva *Sond.*, ramosa, lobata, β africana, fasciata *Mont.*, 477; reticulata, 478.

PHYLLACANTHA — granulata, β Chauviniana, concatenata, β squarrosissima, oligacantha, 596; Boryana, β gra-

- cilis, Montagnei, pinnata, moniliformis, affinis, β major, 597; setacea, trichophylla, melanothrix, opuntioides, fibrosa, β planifolia, (?) Myrica, 598.
- PHYLLACTIDIUM — pulchellum, arundinaceum, setigerum, 424.
- PHYLLERPA — flagelliformis, prolifera, 494; β , Algeriensis, γ concatenata, δ firma, nervata, 495.
- PHYLLITIS — Fascia, 566; β curvata, debilis, lanceolata, brevipes, dermatodea, 567.
- PHYLLOPHORA *Grev.* — rubens *Grev.*, nervosa *Grev.*, crenulata *Ag.*, 791; cuneifolia *Hook. et Harv.*, 792.
- PHYLLOSPORA *Ag.* — comosa *Ag.*, Mentziesii *Ag.*, Chamissoi *Ag.*, 592.
- PHYLOTYLUS — membranifolius, (?) siculus, 790.
- PHYSACTIS — pilifera, β fuscescens, bullata, spiralis, lobata, plicata, durissima, 332; aggregata, (?) *a* Riv. fucicola *Zanard.*, *b* Riv. cerebrina *Mont.*; villosa, β major, mutila, Pisum, β saccata, gelatinosa *Naeg.*, 333; chalybea, Cerasum, 334.
- PHYSODICTYON — graniforme, 482.
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- PITHISCUS — angulosus, 162.
- PLATYLOBIUM — Mertensii, ensifolium, 606.
- PLEURODESMIUM — Brebissonii, 115.
- PLOCAMIUM *Lamour.* — coccineum, β confervaceum, *Bory*, γ secundatum, 883; δ latiusculum, ϵ pusillum *Sond.*, ζ flexuosum, *Hook. et Harv.*, η uncinatum *Ag.*, θ fenestratum, ι mediterraneum *Menegh.*, irregulare *Menegh.*, Lyngbyanum, Froelichianum, affine, 884; Telfairiae *Harv.*, Binderianum, leptophyllum, rigidum *Bory*, angustum *Hook. et H.*, abnorme *Hook. et H.*, Preissianum *Sond.*, membranaceum *Suhr.*, brachiocarpum, 885; procerum *J. Ag.*, Suhrii, Cunninghamii *Hook. et Harv.*, costatum *Ag.*, Hookeri *Harv.* 886.
- PLOCARIA *Nees* — (cfr. *Sphaerococci* sp. 1-35).
- PNEOPHYLLUM — fragile, 695.
- PODOCYSTIS — (cfr. *Surirellae* sp. 56).
- PODISCUS — jamaicensis, 26.
- PODOSIRA *Ehr.* — hormoides, Montagnei, 26.
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- lina, tenuis, gracilis, ♂ minor, Lyngbyei, 110; Jurgensii, Ehrenbergii, ?? Stillaria bidentata Ag., 111.
- POECILOTHAMNION Naeg. (cfr. Phlebothamnii sp. 27-42).
- POLLEXFENIA Harv. — pedicellata Harv., 874; laciniata Harv., tenella, 875.
- POLYCLADIA Mont. — Commersonii Mont., 769.
- POLYCOCCUS — punctiformis, 211.
- POLYCYSTIS — elabens, Ichthyoblabe, aeruginosa, 210.
- POLYEDRUM Naeg. — trigonum Naeg., tetragonum Naeg., tetraedricum Naeg., 169; α monacanthum, ♂ tetracanthum, γ lobulatum, 170.
- POLYPHACUM Ag. — proliferum Ag., 879.
- POLYPHYSA Lamour. — aspergillosa Lam., 510.
- POLYSIPHONIA Grev. — pinnulata, pennata Ag., ♂ pumila, spinifera, Bartlingiana, dendroidea Mont., calliptera, parasitica Grev., 803; dendritica Ag., camptoclada Mont., subtilissima Mont., tenerrima, pygmaea, secunda Mont., 804; tenella J. Ag., versicolor Hook. fil. et Harv., uncinata, ♂ intricata, subadunca, Barbatula, hamulifera, 805; reptabunda Suhr, dalmatica Menegh., implexa Hook. fil. et H., arenaria, radicans Menegh., rutilans, pulvinata Ag., adscendens Menegh., spinella Ag., 806; rigens Ag., coarctata, lepadicola Lyngb., polyrhiza, monocarpa Mont., rigidula, prorepens Harv., arenicola, 807; repens, ♂ penicillata, obscura J. Ag., tenebrosa Harv., adunca, virens, lasiorhiza, melanochoa, phleborhiza, 808; erythrocoma, rostrata Sond., ericoides Harv., Heringii Harv., fastigiata Grev., fasciculata, 809; umbellifera, paniculata Mont., laxiuscula, Menegh., ramulosa Ag., ophiocarpa, urbana Harv., armata J. Ag., opaca Ag., 810, ferox J. Ag., bipinnata P. et R., tripinnata J. Ag., scoparia, tenuistriata Hook. et Harv., Agardhiana Grev., curta Mont., corymbifera Ag., 811; anisogona Hook. et Harv., monilifera Hook. et H., regularis, sentosa, lophura, secundata Suhr., flabelliformis Hook. et H., dichoccephala, 812; violascens, ♂ strictiuscula Sonder, juncea, Pappeana, linocladia, nigrescens Grev., 813; microdendron J. Ag., subcontinua Ag., mutans Mont., allochroa Ag., virgata Ag., Gaudichaudii Ag., complanata Ag., fasciculifera, 814; stictophlaea, platyspira, physarthra, breviarticulata Ag., decipiens Mont.,

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 microcarpa *Hook. et Harv.*, 816; abscissa *Hook. et*
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 aurantiaca, lithophila, lusitanica *Mont.*, 818; tricho-
 clada, dichotoma, acanthophora, dilatata, deusta *Ag.*,
 Arachnoidea *Ag.*, stricta *Grev.*, 819; β gracilis, Or-
 bigniana, strictissima *Hook. et Harv.*, Morisiana *J.*
Ag., amentacea *Ag.*, furcellata *Ag.*, miniata *Ag.*, ro-
 seola *Ag.*, purpurea *J. Ag.*, 820; porphyroides, varie-
 gata *Ag.*, badia *Ag.*, β funicularis (*Menegh.*), atro-
 rubescens *Grev.*, fuscorubens *Hook. et Harv.*, Ri-
 chardsonii *Hook.*, aculeata *Ag.*, 821; periclados *Ag.*,
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 β forcipata, divergens *J. Ag.*, β heteronema, γ Gre-
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 fera, inversa *Sond.*, mollis *Hook.*, 823; subtilis *D.Ntr.*,
 leptura, denudata *Ag.*, denticulata, lophuroides, pa-
 tens *Grev.*, urceolata *Ag.*, rudis *Hook.*, 824; comosa
Ag., exigua, dysanophora, discolor *Ag.*, myriococca
Mont., Perreymondi *J. Ag.*, Montagnei *D.Ntr.*, 825;
 sanguinea *Ag.*, gonatophora, β rigidula, pycncoma,
 tenuis *Ag.*, rugulosa, violacea *Ag.*, amethystea, fibrata
Harv., 826; fibrillosa *Ag.*, penicillata *Ag.*, Brodiaei *Ag.*,
 callitricha, polycarpa, laxa, multifida *Duby.*, 827; po-
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Harv., vestita *J. Ag.*, rhodomeloides, elongella *Harv.*,
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Ag., trichodes, robusta, stenocarpa, β minor 830; ar-
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 clavigera, foeniculacea *Ag.*, spinulosa *Grev.*, cervi-
 cornis 831; ceratoclada *Mont.*, caspia, Lawrenceana
Harv., flocculosa *Ag.*, Hookeri *Harv.*, Hystrix *Hook.*
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Nacc., spinosa *J. Ag.*, flexella *Ag.*, acanthothricha 833;
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Zanard., β *Dillwinii*, γ *byssacea*, δ *vaga* 834; ε *asperula*, ζ *Bangii*, *glomerulata* *Mont.*, *villifera* *Ag.*, *ramellosa*, *Melagonium* *Menegh.*, 835; *acanthocarpa*, *subulifera* *Ag.*, *Wulfeni* *Ag.*, β *forcipata*, *fruticulosa* *Grev.*, *Martensiana*, *Sulivanae* *Hook. et Harv.*, 836; *humilis*, *cymosa*, *pycnophloea*, *comatula*, β *penicillifera*, *Lyallii* *Hook. et Harv.*, *dumosa* *Hook. et Harv.*, *polyphora* 837; *thuyoides* *Harv.*, *thyrsigera* *J. Ag.*, *dictyura* *Liebm.*, (?) *Moritziana* *Sonder.*, ? *Grevillii* *Harv.*, ? *Carmichaeliana* *Harv.*, ? *Griffithsiana* *Harv.*, 838; ? *verticillata* *Harv.*, 839.

POLYSOLENIA *Ehr.* — *Closterium* *Ehr.*, 169.

POLYZONIA *Suhr.* — *elegans* *Suhr.*, 881; β *incisa*, *adiantiformis* *Dcne.*, *cuneifolia* *Mont.*, 882.

PORPHYRA *Ag.* — *bangiaeformis*, *Boryana* *Mont.*, *Martensiana* *Suhr.*, *linearis* *Grev.*, *cordata* *Menegh.*, 691; *vulgaris* *Ag.*, *amethystea*, *laciniata* *Ag.*, *miniata* *Ag.*, *vermicillifera*, *coriacea* *Zanard.*, *capensis*, *Kunthiana*, 693; *Augustinae*, *columbina* *Mont.*, (?) *pertusa* *P. et R.*, 693.

PORPHYROGLOSSUM — *Zollingeri*, 794.

PRASIOLO *Ag.* — *pulveracea*, *leprosa*, *furfuracea*, 472; *calophylla*, *Sauteri* *Menegh.*, *Rothii*, β *Falklandica*, *orbicularis*, *mexicana* *Liebm.*, *antarctica*, *Flotowii*, *crispa*, *tessellata*, 473.

PROTOCOCCUS *Ag.* — *roseus* *Menegh.*, *persicinus* *Menegh.*, *roseo-persicinus*, 196; *coeruleus*, *nudus*, *cohaerens*, *elongatus* *Naeg.*, *minutus*, *crassus*, *membraninus*, *dimidiatus*, 197; *thermalis*, *turgidus*, *Julianus* (*Menegh.*), *ellipticus*, *bacillaris* *Naeg.*, *minor* α *leprosus*, β *mucosus*, γ *infusionum*, 198; *dissectus*, *mucosus*, *viridis* *Ag.*, *palustris*, *vulgaris*, α *leprarius*, β *pleurococcus*, *tectorum*, *Gigas*, 199; *glomeratus* *Ag.*, *Montagnei*, *atrovirens*, *Meneghinii*, *globosus* *Naeg.*, *Felisii* *Menegh.*, *Monas* *Ag.*, 200; *Chlamidomonas*, *aureoviridis*, *chnaumaticus*, *fuliginus* *Lenorm.*, *brunneus*, *fusco-ater*, *aurantio-fuscus*, *pallidus* *Naeg.*, 201; *carneus*, *rufescens*, *cinnamomeus*, *aureus*, *macrococcus*, *Orsinii*, 202; *Clementii* *Menegh.*, *sabulosus* *Menegh.*, *miniatus*, *crustaceus*, *umbrinus*, *Coccoma*, 203; *pluvialis*, α *quiescens* *De Flotow*, α *leprosus*, β *aquaticus*, γ *innovans*, δ *guttatus*, ε *mucosus*, ζ *flavido-kermesinus*, η *viridi-*

- kermesinus, θ aureo-fuscescens, ι decoloratus, κ atomarius, λ bicolor, μ viridis, ν incisus, ξ conferviformis, $\omicron$ ulvaceus, 204; B agilis *De Flotow*, π rotundatus, ρ versatilis, σ subsanguineus, τ papillatus, υ porphyrocephalus, ϕ versatilis ecolor, χ rostellatus, nivalis *Ag.*, β colore viridi, γ agilis, botryoides, marinus, 205; atlanticus *Mont.*, (?) *a* (*Chloroc.*) murorum (*Grev.*), (*Haemat.*) dalmaticus (*Zanard*), *c* (*Haemat.*) mucosus (*Morren*), 206.
- PROTODERMA — viride, 471.
- PSICHOHORMIUM — antliarium, globuliferum, β distans, inaequale, gracile, verrucosum, 374; fuscescens, cinereum, β patavinum, γ contiguum, (?) *a* *Conf. tuberculosa Ag.*, *b* *Conf. podagraria Hook. fil. et Harv.*, 375.
- PTEROCAULON — Peronii, decurrens, Boryi, 606.
- PTEROCERAS — cancellatum, flexuosum, 690.
- PTEROTRICHUM — (cfr. *Callithamnii spec. 35-54*).
- PTILOCLADIA *Sonder* — pulchra *Sond.*, 674.
- PTILOPHORA — spissa, 794.
- PTILOTA *Ag.* — plumosa *Ag.*, β formosa, γ Brasiliensis, 669; δ serrata, ε elegans, ζ filiformis; *Spec. genere dubiae*: hypnoides *Harv.*, pectinata *Harv.*, articulata *J. Ag.*, densa *Ag.*, sericea *Harv.*, 670.
- PYCNOPHYCUS — tuberculatus, 604.
- PYXIDICULA *Ehr.* — major, adriatica, minor, *Diadema*, aculeata *Ehr.*, 21; (?) apiculata *Ehr.*, appendiculata *Ehr.*, areolata *Ehr.*, cylindrus *Ehr.*, gemmifera *Ehr.*, (?) hirsuta *Ehr.*, *Lens Ehr.*, limbata *Ehr.*, praetexta *Ehr.*, (?) urceolaris *Ehr.*, cristata *Ehr.*, dentata *Ehr.*, longa *Ehr.*, 22; alata (*Ehr.*), globosa (*Ehr.*), oblonga *Harv.*, constricta (*Ehr.*), 23.

R

- RALFSIA *Berk.* — deusta *Berk.*, expansa *J. Ag.*, 544.
- RHABDONEMA — minutum, 115; arcuatum, adriaticum, 116.
- RHABDONIA *Hook. fil. et Harv.* — coccinea *Hook. fil. et Harv.*, nigrescens *Hook. fil. et Harv.*, 723.
- RHAPHIDIUM — duplex, fasciculatum, 195.

- RHAPHIDOGLOEA — medusina, manipolata, interrupta, micans, 97.
- RHAPHONEIS *Ehr.* — *Fusus Ehr.*, *Leptoceras Ehr.*, *gemmifera Ehr.*, *pretiosa Ehr.*, *Rhombus Ehr.*, *fasciolata Ehr.*, *Scutellum Ehr.*, *scalaris Ehr.*, *angusta Ehr.*, *lanceolata Ehr.*, 49; *indica Ehr.*, 50.
- RHIPIDOPHORA — *crystallina*, *Oedipus*, *anglica*, *australis*, *borealis*, 111; *Nubecula*, *tenella*, *dalmatica*, *abbreviata*, *paradoxa*, *oceanica*, *elongata*, *superba*, *Meneghiniana*, *grandis*, β *arachnoidea*, 112.
- RHIPIDOSIPHON *Mont.* — *javensis Mont.*, 493.
- RHIPOCEPHALUS — *Phoenix*, *oblongus*, 506.
- RHIZOCLONIUM — *setaceum*, β *incrustatum*, *Hookeri*, 383; *tortuosum*, *rivulare*, *salinum*, *biforme*, *Antillarum*, *interruptum*, *arenosum*, β *occidentale*; *pannosum*, *apoinum*, 384; *hieroglyphicum*, *crispum*, *affine*, *obtusangulum*, β *aquaticum*, γ *tenellum*, *lacustre*, β *velutinum*, γ *fluctuans*, δ *rigidum*, ϵ *Julianum*, ζ *Areschougii*, 385; η *crispum*, *Jürgensii*, *Martensii*, *litoreum*, *fontanum*, *bombycinum*, β *Lenormandi*, *implexum*, *rivulare*, *fontinale*, *tenue*, 386; *subterrestre Menegh.*, *Kochianum*, β *ragusana*, *albicans*, (?) *a Conf. flavicans Jürg.*, *b Conf. nebulosa Ag.*, *c. Rh. angulatum*, *d Rh. ambiguum*, 387.
- RHIZOPHYLLIS — *Squamariae*, 877.
- RHIZOSOLENIA *Ehr.* — *americana Ehr.*, *Pileolus Ehr.*, *Calyptra Ehr.*, *ornithoglossa Ehr.*, *Campana Ehr.* (?) *barbata Ehr.*, 24.
- RHODOCALLIS — *elegans*, *setigera*, 670; *asplenioides*, 671.
- RHODOPHYLLIS — *bifida*, *capensis*, *Preissiana*, 786; *Montagneana*, 787.
- RHODYMENIA *Grev.* — (cfr. *Sphaerococci spec. 36-63*).
- RHYNCHOCOCCUS — *coronopifolius*, 754; β *angustatus*, γ *capillaris* (?) *rostratus*, *coriaceus*, 755.
- RHYNCHONEMA — *dubium*, *Jenneri*, *diductum*, *vesicatum*, *intermedium*, *quadratum*, *Hassallii*, *minimum*, 443; *affine*, *Malleolus*, *angulare*, *abbreviatum*, *reversum*, *Woodsii*, *rostratum*, 444.
- RIMARIA — (cfr. *Synedrae species 75*).
- RIVULARIA *Roth.* — *gigantea Trentepohl*, *angulosa Roth.*, *salina*, *Brauniana*, β *flaccida*, *Boryana*, *rigida*, 336; *Hedwigiana*, *Lyngbyana*, *Brebissoniana*, *Sprengelia-*

- na, minor, durissima, minuta, parvula, pygmaea, 337; Lenticula, Lens *Menegh.* (?) a Riv. botryoides *Carm.*, b R. plana *Harv.*, c R. ceramicola *Lyngb.*, 338.
- RYTIPHLAEA *Ag.* — complanata *Ag.*, corymbosa, Duperreyi *J. Ag.*, 844; rigidula, semicristata *J. Ag.*, tinctoria *Ag.*, capensis, firma *Ag.*, cloiophylla *J. Ag.*, dumosa *Harv.*, australis, 845; obtusiloba *Ag.*, Hilariana *Grev.*, 846.

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- SAPROLEGNIA *Nees* — minor, ferax, xylophila, candida, tenuis, saccata, 159; Libertiae, capitulifera, 160.
- SARCOMENIA *Sonder* — delesserioides *Sond.*, 880.
- SARCOPHYCUS — potatorum, 587.
- SARCOPHYLLIS — lobata, 748.
- SARCOTHALIA — Burmanni, 739.
- SARGASSUM *Ag.* (ex p.) — subrepandum *Ag.*, Sinclairii *Hook. et Harv.*, 606; herbaceum, aquifolium *Ag.*, cristae-folium, *Ag.*, pyriforme *Ag.*, polyporum *Mont.*, telephifolium *Ag.*, crispum *Ag.*, 607; brevifolium, pteropus, Bahiense, leptocarpum, microcystum, Belangerii *Bory*, hemiphylloides, tenue, 608; trachyphyllum, polyphyllum *Menegh.*, podacanthum *Sonder*, spinifex *Ag.*, asperifolium *Ag.*, baccularia *Ag.*, bacciferum *Ag.*, 609; β Chamissonis, γ spinuligerum, affine *J. Ag.*, nerve *Ag.*, spinuligerum *Sond.*, β crispatum, integrifolium, persicum, confusum *Ag.*, cystocarpum *Ag.*, 610; virgatum *Ag.*, pygmaeum, onustum *Ag.*, polycystum *Ag.*, granuliferum *Ag.*, Desvauzii *Ag.*, capillare, Acinaria *Ag.*, angustifolium *Ag.*, 611; Swartzii *Ag.*, β ovatum *Ag.*, linearifolium *Ag.*, elegans *Sond.*, fuliginosum, Esperii *Ag.*, lendigerum *Ag.*, obtusatum *Bory*, 612; Fresenianum *J. Ag.*, plagiophyllum *Ag.*, cheirifolium, β cordifolium, dichocarpum, coarctatum, Boryanum *Mont.*, α holocarpum, 613; β confertum, γ longifolium, Filipendula *Ag.*, cymosum *Ag.*, filiforme *Mont.*, scabridum *Hook. fil. et Harv.*, linifolium *Ag.*, β Donati, 614; megalophyllum *Mont.*, β humile, flavifolium, rigidulum, flavicans *Ag.*, graminifolium *Ag.*, fissifolium *Ag.*, α canariense, β senegalense, 615; diversifolium *Ag.*, ramifolium furcatum, pinnatifolium

Ag., piluliferum *Ag.*, comosum *Mont.*, Raoulii *Hook. fil. et Harv.*, 616; capillaceum *Hook. fil. et Harv.*, flaccidum *Sond.*, verruculosum *Ag.*, varians *Sond.*, flexuosum *Hook. fil.*, Species addendae: Maximiliani *Mart.*, compactum *Bory*, 617; duplicatum *Bory*, obovatum *Harv.*, obtusifolium *J. Ag.*, Berberidifolium *J. Ag.*, Grevillii *J. Ag.*, lanceolatum *J. Ag.*, concinnum *Grev.*, Boreanum *J. Ag.*, 618; teretifolium *J. Ag.*, Wigtii *Grev.*, Decaisnei *J. Ag.*, crassifolium *J. Ag.*, siliquosum *J. Ag.*, paniculatum *J. Ag.*, Henslowianum *Ag.*, myriocystum *J. Ag.*, 619; gracile *J. Ag.*, bicornis *J. Ag.*, cinereum *J. Ag.*, isophyllum *Sond.*, plumosum *A. Rich.*, flaccidus (*Labill.*), ligulatum *Ag.*, involucreatum *DNtr.*, 620; droserifolium *Bory*, 621.

SCAPHULARIA — (cfr. *Synedrae* species 1-12).

SCENODESMUS *Meyen.* — didymus, moniliformis, β duplex, obtusus *Mey.*, α binarius, β ternarius, γ biternarius, δ quaternarius, ε octonarius, ζ obliquus, η obliquus duplex, θ alternans, 185; caudatus *Meyen.*, α minor, β major, γ brachyurus, δ apiculatus, ε ecaudatus, acutus *Meyen.*, α obliquus, β inordinatus, γ fusiformis, δ biseriatus, dimorphus, α bilunulatus, β pectinatus, γ geminatus, 186.

SCHIMMELMANNIA *Schousb.* — ornata *Schousb.*, 722.

SCHIZOCHLAMYS *A. Br.* — gelatinosa *A. Br.*, 891.

SCHIZODICTYON — purpurascens, 321.

SCHIZOGLOSSUM — Bartlingianum, *Gmelini*, 870.

SCHIZOMERIS — Leibleinii, 362.

SCHIZONEMA *Ag.* — minutum, 98; Lenormandii, humile, tenellum, tenuissimum, nebulosum *Menegh.*, illyricum, simplex *Menegh.*, 99; parvum *Menegh.*, bombycinum *Menegh.*, tenue, lutescens, rutilans *Ag.*, β parvulum, γ lubricum, δ Hoffmanni, 100; ε viride, ζ amplius, impletum *Harv.*, Ehrenbergii, flavum, Dillwynii, β dubium *Harv.*, 101; sordidum, araneosum, floccosum, crispum *Mont.*, plumosum, luteum, striolatum, β clavigerum, obtusum *Grev.*, 102; capitatum, trichocephalum, Bryopsis, helmentosum *Chauv.*, hydruroides, mesogloeoides, Smithii, 103; fruticosum, scoparium, Grevillii *Ag.*, mucosum, ? adriaticum *Ag.*, spadiceum *Grev.*, virescens *Harv.*, 104.

SCHIZOSIPHON — decoloratus *Näg.*, affinis *Menegh.*, ru-

fescens, salinus, & aquaticus, lutescens, apiculatus, β rupestris, parietinus *Näg.*, 327; cuspidatus, rupicola, Chaetopus, medusae, aponinus *Menegh.*, crustiformis *Näg.*, maior, lasiopus, 328; villosus, Julianus, crassus, gregarius, Kützingianus *Näg.*, cinctus *Näg.*, scopulorum, β subsimplex, 329; dilatatus, gypsophilus, cataractae *Näg.*, Lenormandi, fasciculatus, flagelliformis, 330; β radiatus, consociatus, Menghinianus, radians, fucicola, 331.

SCHIZOTHRIX — fuscescens, aurantiaca, Mülleri *Näg.*, lacustris *A. Br.*, β parasitica, Cresswellii *Harv.*, hyalina, 320; Smithii, 321.

SCIADIUM *A. Br.* — arbuscula *A. Br.*, 490.

SCYTONEMA *Ag.* — tenue, nigrescens, aerugineo-cinereum, Kützingianum *Näg.*, cinereum *Menegh.*, melanopleurum *Menegh.*, 303; elegans, allochroum, β rhenanum, Meneghinianum, tomentosum, thermale, β decumbens, chloroides, 304; Panici *Mont.*, chrysochlorum, castaneum, fasciculatum, turfosum, collinum, coactile *Mont.*, 305; incrustans, gracillimum, β curvatum, γ obscurum, gracile, turicense *Näg.*, β rigidum, aureum *Menegh.*, natans *Bréb.*, 306; decumbens, calthothrichoides, tolypothrichoides, Notarisii *Menegh.*, Leprieurii, varium, β Schomburghii, naideum, 307; clavatum, flexuosum *Menegh.*, β gallicum, coalitum *Näg.*, helveticum, dimorphum, flagelliferum, 308; pachysiphon, mychrous *Ag.*, β tenue, chlorophaeum, Heerianum *Näg.*, telephoroides *Mont.*, 309, ? *a* contextum *Carm.*, *b* repens *Ag.*, *c* figuratum *Ag.*, *d* penicillatum *Ag.*, *e* torridum *Ag.*, *f* (?) Sowerbyanum *Ag.*, *g* rubrum *Mont.*, *h* cyaneum *Menegh.*, *i* Julianum *Menegh.*, *k* furcatum *Menegh.*, 310.

SCYTOTHALIA *Grev.* — dorycarpa *Grev.*, 592; xiphocarpa *J. Ag.*, axillaris, β scortea, 593.

SCYTOTHAMNUS *Hook.* et *Harv.* — australis *Hook.* et *Harv.*, 547.

SEIROSPORA *Harv.* — Griffithsiana *Harv.*, flaccida, 896; humilis, 897.

SIGMATELLA — Nitzschii, Brebissonii, vermicularis, 18.

SIPHODERMA — lyngbyaceum, 273; curvatum, compactum, tenue, 274.

SIROCOLEUM — guianense, 259.

- SIROCROCIS — stibica, 153; ammoniata, 154.
- SIROGONIUM — notabile, sticticum, 434; breviarticulatum, Braunii, 435.
- SIROPHYSALIS — muricata, filifolia, geminata, crassipes, 602; trinodis, β confluens, virgata, Douglasii, nodularia, (?) expansa, 603.
- SIROSIPHON — brevis, velutinus, 315; hormoides, corniculatus, coralloides, β Heufleri *Menegh.*, alpinus, tomentosus, saxicola *Näg.*, panniformis, compactus, 316; intermedius, β Braunii, pulvinatus *Bréb.*, rugulosus, secundatus, ocellatus, α pulchellus, β macrophthalmus, 317; γ leptophthalmus, δ hemichrous, vestitus *Naeg.*, (?) *a* Hassallia turfosa (*Hass.*), *b* Hass., limbata (*Hass.*), *c* Scytonema, byssoideum *Ag.*, β corticale *Mont.*, 318.
- SOLIERIA *J. Ag.* — chordalis *J. Ag.* 748.
- SORANTHERA *Post. et Rupr.* — ulvoidea *Post. et Rupr.* 566.
- SORASTRUM — echinatum, spinulosum, 195.
- SPATOGLOSSUM — guineense, Solierii, flabelliforme, Spanneri *Menegh.*, variegatum, multipartitum, 560; Diesingianum, nigrescens, 561.
- SPERMATOCHNUS — rhizodes, β crassior, mediterraneus, claviceps, paradoxus, 549; setaceus, adriaticus, β gracillima, γ capillaris, δ hydruroides, ϵ ramellosus, hirsutus, membranaceus, papillosus, (*Stilophora*) australis (*Harv.*), 550; (*Stilophora*) capillaris, *Menegh.*, 551.
- SPERMOSIRA — litorea, Vriesiana, 294, major, 295.
- SPHACELARIA *Lyngb.* — Bertiana *DNtr.*, rigidula, rutilans, β nuda, firmula, rhizophora, radicans *Harv.*, 463; capensis, obovata *Hook. fil. et Harv.*, cirrosa *Ag.*, β Aegagropila (*Ag.*), brachygonia *Mont.*, tribuloides *Menegh.*, fusca, *Ag.*, fulva, 464; pennata *Lyngb.*, irregularis, confervicola, reticulata *Lyngb.*, cervicornis *Ag.*, scoparioides *Lyngb.*, β intricata, spinulosa *Lyngb.*, (?) rigida *Hering.*, 465; racemosa *Grev.*, (?) cespitula *Lyngb.*, olivacea *Ag.*, (?) pumila *Ag.*, (?) minuta *Ag.*, 466.
- SPHAERASTRUM *Mey.* — Tetras, tesserale, 194; pictum *Mey.*, ellipticum *Mey.*, (?) radiatum *Menegh.*, 195.
- SPHACROCOCCUS *Ag.* (ex p.) — confervoides *Ag.*, β procerimus *Ag.*, γ ramulosus *Ag.*, 772; δ verrucosus, ϵ gracilis *Ag.*, ζ caudatus *Ag.*, η divaricatus *Ag.*, θ setaceus *Ag.*, ι thamnophorus *Ag.*, — divergens *Ag.*, va-

gus, Sonderi, tuberculosus *Hampe.*, radicans *Bory.*, 773; concinnus *Ag.*, armatus *Ag.*, heterocladus, compressus *Ag.*, erectus *Grev.*, 774; durus *Ag.*, Harveyi, aculeatus, Heringii, implexus *Hering.*, cervicornis *Ag.*, pilulifer *Ag.*, 775; difficilis *Ag.*, lichenoides *Ag.*, β tenuis *Ag.*, chondroides, *Gelidium J. Ag.*, gelatinus *Ag.*, dactyloides, 776; corallopsis *Mont.*, isiformis *Ag.*, (?) spinosus *Ag.*, Serra *Ag.*, tener, nigrescens, β tenuior, 777; (?) aggregatus, (?) furcatus, distichus *J. Ag.* (?) punctatus *Ag.* (?) attenuatus *Ag.*, Bangii *Ag.*, nanus *Ag.*, acanthophorus, 778; (?) alaicornis, rangiferinus, furcigerus, multipartitus *Ag.*, β foliifer *Ag.*, γ angustissimus *Ag.*, δ lichenoides *Ag.*, sarniensis, 779; (?) mamillaris *Mont.*, polycarpus *Grev.*, corallinus *Bory.*, β linearis: flabellifolius *Bory.*, β tenuifolius *Bory.*, 780; cinnabarinus, palmatus, α genuinus, β pinnatus, γ prolifer, δ margifer, ϵ delicatula, ζ concatenata, platyphylus, 781; tunaeformis, soboliferus, ligulatus, *Palmetta Ag.*, β bifidus *Ag.*, γ crassiusculus *Ag.*, δ flabelliformis ϵ divaricatus, ζ palmatus *Ag.*, η multifidus, $\approx$ Nicaeensis, 782; ι filiformis, κ spathulatus, λ pinnatus, μ capensis, ν acutifolius, interruptus *Grev.*, (?) tripinnatus, (?) Meneghinii, corticatus, Juergensii, 783; australis, β constrictus, obtusatus, (?) coriaceus, (?) polyides, 784.

SPHAEROLEA *Ag.*, Trevirani, Leibleinii, Soleirolii *Mont.*, Braunii, 362.

SPHAEROTILUS *Kg.* — natans, ochraceus *Bréb.*, thermalis, 147; lacteus, glaucus, 148.

SPHAEROZYGA *Ag.* — romana, sabulosa, cyanea, 289; Flo-towiana, velutina *Bréb.*, compacta, allantospora, flexuosa *Ag.*, membranina *Menegh.*, recta, inaequalis, 290; variabilis, oscillarioides, insignis.

SPHENELLA — glacialis, vulgaris, obtusata, angustata, rostellata, parvula 62; (?) italica, 63.

SPHENOSIRA *Ehr.* — Catena *Ehr.*, 68.

SPIRHYMENIA *Dcne.* — serrata *Harv.*, 847.

SPIROGYRA *Link.* — tenuissima, Naegelii, gastroides, ventricosa, Weberi, Hornschuchii *Kerst.*, 437; inaequalis, Grevilleana, laxa, Theobaldis, Braunii, insignis, parva, flavescens, gracilis, catenaeformis, turpis, mirabilis, 438; communis, subtilis, subsalsa, Jürgensii, lon-

gata, torulosa, inflata, pellucida, rivularis, varians, arcta, 439; oblongata, ulothrichoides, alpina, ventricosa, β , γ inaequalis *Naeg.*, condensata, sericea *Zanard.*, elongata, irregularis *Naeg.*, 440; flavicans, decimina, adnata, dubia, undulata, neglecta, majuscula, subaequa, lubrica, orthospira *Näg.*, litorea *Zanard.*, 441; nitida jugalis, orbicularis, setiformis, alternata, crassa, *Heeriana*, 442.

SPIRULINA Linck. — tenerrima, subtilissima, *Hutchinsiae*, thermalis *Menegh.*, 235; solitaris, subsalsa, tenuissima, oscillarioides *Turp.*, brevis, *Zanardinii*, *Menegh.*, *Jenneri*, (?) a *Spirillum Thompsoni Hass.*, 236; b *Spirillum minutissimum Hass.*, c *Spirillum rupestre Hass.* 237.

SPLACHNIDIUM Grev. — rugosum *Grev.*, 585.

SPONGITES — confluens, incrustans, crustacea, agariciformis, decussata, cristata, racemosa, 698; fasciculata, nodosa, stalactitica, fruticulosa, dentata, calcarea, polymorpha, 699.

SPONGOCARPUS — *Horneri*, enervis, 631; sisymbrioides, fulvellus, (?) hemiphyllus, 633.

SPONGOMORPHA — (cfr. *Cladophorae* sp. 190-210).

SPONGONEMA — tomentosum, β ramellosum, γ clavatum, castaneum, ferrugineum, 461.

SPONGOPSIS — (cfr. *Chaetomorphae* sp. 380-381).

SPONGOTRICHUM — dichotomum, 674.

SPOROCHNUS Ag. — pedunculatus *Ag.*, β dalmaticus, radiceformis *Ag.*, herculeus *Ag.*, 568; comosus *Ag.*, *Gaertnera Ag.*, 569.

SPYRIDIA Harv. — filamentosa *Harv.*, 665; β tasmanica, crassiuscula, occidentalis, setacea, *Vidovichii Menegh.*, brachyarthra *Menegh.*, nudiuscula, *Montagneana* 666; clavata, fruticulosa, villosa, divaricata, arcuata, cuspidata, villosiuscula, hirsuta, *Berkeleyana Mont.*, 667; spinella *Sonder*, armata, aculeata, ericoides, cupressina, 668.

STAUROCERAS. — Acus, subulatum, intermedium, 166.

STAUROGENIA — quadrata, 194.

STAURONEIS Ehr. — minuta, *Phoenicenteron Ehr.*, gracilis *Ehr.*, lanceolata, atlantica *Ehr.*, amphilepta *Ehr.*, 89; *Baileyi Ehr.*, pterioidea *Ehr.*, staurophaena *Ehr.*, fenestra *Ehr.*, linearis *Ehr.*, exilis, *Liostauron Ehr.*, *Sieboldii Ehr.*, amphicephala, anceps *Ehr.*, birostris

- Ehr.*, platystoma, phyllodes *Ehr.*, 90; Monogramma *Ehr.*, inflata, ventricosa, dilatata *Ehr.*, constricta *Ehr.*, Sigma *Ehr.*, polygramma *Ehr.*, lineolata *Ehr.*, pumila, Achnanthes, aspera, 91; Icostauron, cardinalis, parva, β gracilior, scalaris, punctata, microstauron, macrocephala, capitata *Ehr.*, gibba, Legumen, 92.
- STAUROPTERA *Ehr.* (cfr. Stauroneis sp. 28-40).
- STAUOSPERMUM — gracillimum, viride, virescens, quadratum, glutinosum, coerulescens, capucinum, nigritum, atro-violaceum, 436; Agardhianum, 437.
- STENOGRAMMA *Harv.*, — interrupta *Mont.*, 873; californica *Harv.*, 874.
- STEPHANODISCUS *Ehr.*, berolinensis *Ehr.*, Niagarae *Ehr.*, 21.
- STEPHANOGONIA *Ehr.* — quadrangula *Ehr.*, polygona *Ehr.*, 26.
- STEPHANOXANTHIUM — senarium, eustephanum, monticulosum, sexcostatum, 184.
- STEREONEMA tortile, asperum, caespitosum *Menegh.*, lutescens, 160; atro-violaceum, 161.
- STICHOPHORA — Hornschuchii, debilis, 627.
- STICTOPHYLLUM — membranaceum, 874.
- STICTYOSIPHON — adriaticus, 485.
- STIGEOCLONIUM — subsecundum, Biasolettianum, variabile *Naeg.*, subspinosum, 352; β falklandicum, thermale *A. Br.*, tenue, β uniforme, γ gracile, irregulare, β natans, stellare, 353; nanum, subuligerum, setigerum, lubricum, Longipilus, β majus, radians, 354; amoenum, β pulchellum, protensum, condensatum, pusillum, fasciculare, elongatum, flagelliferum, crassiusculum, 355; fastigiatum, plumosum, 356.
- STIGONEMA *Ag.* — atrovirens *Ag.* 318; pluviale *Ag.*, mammosum *Ag.*, solidum, pannosum, β Wallrothianum, informe, polyceras, 319.
- STOECHOSPERMUM — marginatum, 560.
- STRIARIA *Grev.* — attenuata *Grev.*, β crinita, fragilis *J. Ag.*, 553.
- STRIATELLA — unipunctata *Ag.*, 114.
- STYLOBIBLIUM *Ehr.*, Clypeus *Ehr.*, divisum *Ehr.*, eccentricum *Ehr.*, 116.
- STYPOCAULON — scoparium, α virgatum, β coarctatum, 466; γ glomeratum, δ distichum, spartioides *Menegh.*,

funiculare *Mont.*, compactum *Mont.*, paniculatum, hordeaceum, virgatum, 467; gracilescens, filare, 468.
 STYPOPODIUM — fuliginosum, flavum, attenuatum, *Ato-*
maria, 563; β ciliata, *Sinclairii*, *Zonaria stuposa* *R.*
Br., 564.

SURIRELLA *Turp.* — *Clypeus Ehr.*, *Campylodiscus Ehr.*,
flexuosa Ehr., *elegans Ehr.*, *spiralis*, *myodon Ehr.*,
didyma, *solea Bréb.*, 34; *regula Ehr.*, *multifasciata*,
thermalis, *decora Ehr.*, (?) *australis Ehr.*, *ambigua*,
oblonga Ehr., *Craticula Ehr.*; β *chilensis Ehr.*, 35;
rhomboidea Ehr., *laevigata Ehr.*, *laevis*, *navicularis-*
Bréb., *leptoptera Ehr.*, *lepida Ehr.*, *liolepta Ehr.*, *si-*
cula Ehr., *oregonica Ehr.*, *reflexa Ehr.*, *crenulata*
Ehr., *curvula Bréb.*, 36; *angusta*, *tenella*, *Lamella*
Ehr., *robusta Ehr.*, *elliptica Bréb.*, *peruviana Ehr.*,
biseriata Bréb., *Patella*, *Jenneri Hassall* 37; *lioso-*
ma Ehr., *microcora Ehr.*, *ovalis Bréb.*, *minuta Bréb.*,
Crumena Bréb., *praetexta Ehr.*, *uninervis Ehr.*, *fa-*
stusosa Ehr., *euglypta Ehr.*, *Gemma Ehr.*, 38; *splen-*
dida, *striatula Turp.*, *brevis Ehr.*, *cordata Ehr.*, *Te-*
studo Ehr., (?) *aspera Ehr.*, (?) *paradoxa Ehr.*, (?)
ornata Ehr., (*Podocystis*) *adriatica*, 39.

SYMBOLOPHORA *Ehr.* — *Trinitatis Ehr.*, *acutangula Ehr.*,
 131; (?) *microtrias Ehr.*, (?) *Tetras Ehr.*, (?) *Pentas*
Ehr., (?) *Hexas Ehr.*, 132.

SYMPHYOTHRIX — *fuscescens*, *thermalis*, β *Orsiniana Me-*
negh., *fragilis*, 260.

SYMPLOCA — *rubra Menegh.*, *cyanea Menegh.*, β *ormoi-*
des, *muralis*, *Meneghiniana*, β , *elegans*, 270; β *incr-*
stata, *Wallrothiana*, *Friesiana*, *Ralsiana*, *Lenorman-*
diana, *melanocephala*, *lucifuga Bréb.*, 271; *fascicula*
ta, *elegans*, *hydroides*, *scytonemacea*, β *maior*, *Flo-*
towiana, β *tenuior*, 272.

SYNCYCLIA *Ehr.* — *Salpa Ehr.*, *quaternaria Ehr.*, 61.

SYNDENDRIUM *Ehr.* — *Diadema Ehr.*, 141.

SYNEDRA *Ehr.* — *quadrangula*, *Atomus Näg.*, *minutissi-*
ma, β *pelliculosa*, *perpusilla*, *Biasoletiana*, *pusilla*,
Frustulum, 40; *palea*, *acicularis*, *angustata*, *virginalis*,
constricta, *parvula*, *dissipata*, *subtilis*, 41; *famelica*,
radians, *gracilis*, *Fusidium*, *amphicephala*, *tenuissima*,
tenuis, *Acula*, *laevis Ehr.*, 42; *gibba Ehr.*, *curvula*,
Arcus, *alpina Naeg.*, *subarcuata Naeg.*, *lunaris Ehr.*,

- falcata *Kütz et Bréb.*, bilunaris *Ehr.*, debilis, notata, Martensiana, 43; Vaucheriae, lanceolata, acuta *Ehr.*, oxyrhynchus, amphirhynchus *Ehr.*, Ulna *Ehr.*, mesocampa *Bréb.*, tergestina, mesolepta, 44; aequalis, vitrea, praemorsa *Ehr.*, danica, splendens, biceps, longiceps *Ehr.*, capitata *Ehr.*, valens *Ehr.*, Sigma, 45; spectabilis *Ehr.*, scalaris *Ehr.*, parva, Acus, familiaris, pulchella, mucicola, Gallionii *Ehr.*, 46; β minor, Arcus, barbatula, fasciculata, tabulata, affinis, saxonica, Ehrenbergii, 47; dalmatica, superba, crystallina, gigantea, libica, rumpens, australis *Ehr.*, hemicyclus *Ehr.*, paleacea *Ehr.*, 48; incurva *Ehr.*, 49.
- SYRINGIDIUM *Ehr.* — bicornis *Ehr.*, 32.
- SYSTEPHANIA *Ehr.* — aculeata *Ehr.*, Corona *Ehr.*, Diadema *Ehr.*, 126.

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- TABELLARIA *Ehr.* — flocculosa, ventricosa, fenestrata, 118.
- TABULARIA (cfr. *Synædrae* sp. 57–67).
- TALARODICTYON *Endl.* — Tilesii *Endl.*, 512.
- TERPSINOË *Ehr.* — musica *Ehr.*, indica *Ehr.*, 119.
- TESSELLA *Ehr.* — interrupta *Ehr.*, 114.
- TETMEMORUS *Ralfs* — (cfr. *Penii* sp. 1–2).
- TETRACYCLUS *Ralfs* — lacustris *Ralfs*, 118.
- TETRAEDRON — regulare, 162.
- TETRASPORA *Link.* — stereophysalis, explanata *Ag.*, ulvacea, hyalopsis, 225; bullosa *Ag.*, micrococca, fuscescens *A. Br.*, gelatinosa *Ag.*, α distans, β conferta, γ sparsa, δ micrococca, natans, crassa, 226; fusca *Bréb.*, cylindrica *Ag.*, lubrica, β lacunosa *Chauv.*, Godeyi, (?) flava *Hass.*, olivacea *Bias.*, 227.
- THALASSIOPHYLLUM *Post. et Rupr.* — Clathrus *Post. et Rupr.*, 581.
- THAMNOCARPUS — cornutus, 886; Mertensii *Ag.*, magellanicus, 887.
- THAMNOCLONIUM — hirsutum, α gracilius, 793; β africanum, flabelliforme *Sond.*, proliferum *Sond.*, latifrons *Endl. et Diesing.* 794.
- THAMNOPHORA *Ag.* — corallorhiza *Ag.*, 887.
- ? THAUMASIA — Cunninghamii *Harv.*, 888.
- THERMOCOELIUM — minutum, 529.

- THOREA *Bory* — ramosissima *Bory*, violacea *Bory*, Gaudichaudii *Ag.*, americana, β natalensis, 534.
- THURETIA *Decne* — quercifolia *Decne*, 673.
- THWAITESIA *Mont.* — Duriaei *Mont.*, β germanica, 448.
- THYSANOCLADIA *Endl.* — dorsifera, 769.
- TILOPTERIS — Mertensii, 462.
- TOLYPOTHRIS — pumila, tenuis, fuscescens *Bréb.*, pygmaea, coactilis, flaccida, muscicola, Aegagropila, 313; β Kneiffii, pulchra, (?) mucosa *Menegh.*, lanata *Ag.*, bicolor, Brebissonii, distorta, intricata *Naeg.*, Naege-
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lis *Ag.*, *c* Cal. nivea *Ag.*, Tolipothr., rufescens *Hass.* 315,
- TREMATOCARPUS — dichotomus, virgatus, polychotomus-
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- TREPTACANTHA — Abies marina, 593; gracillima, Turne-
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- TRICERATIUM *Ehr.* — Favus *Ehr.*, β ventricosum, strio-
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Reticulum *Ehr.*, obtusum *Ehr.*, acutum *Ehr.*, conde-
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gastomum *Ehr.*, 140; ocellatum *Ehr.*, spinosum *Bai-
ley*, 141.
- TRICHOCERAS — villosum, pallidum, Tasmanicum, 680.
- TRICHOCYSTIS — gigantea, 230.
- TRICHODESMIUM *Ehr.* — Ehrenbergii *Mont.*, 286; Hindsii
Mont., 287.
- TRICHODICTYON — rupestre, 230.
- TRICHOGLOEA — Requiinii, 544.
- TRICHOTAMNION — coccineum, gracile, crassum, ceramioi-
des, 800; (?) pellucidum, chilense, (?) pectinatum, 801.
- TRICLADIA *Decne* — australis *Decne*, 494.
- TRIGENEA *Sonder.* — australis *Sond.*, 841.
- TROCHISCIA — protococcoides, papillosa, palustris, mul-
tangularis, 162.
- TURBINARIA *Bory* — denudata *Bory*, decurrens *Bory*,
triquetra *J. Ag.*, gracilis *Sonder*, 621.

U

- UDOTEA *Lamour* — flabellata *Lamx.*, conglutinata *Lamx.*, 502; sordida *Mont.*, Desfontainii *Dne.*, lacinulata, cyathiformis *Dne.*, Palmetta *Dne.*, Halymeda, 503.
- ULNARIA — (cfr. *Synedrae* sp. 33-56).
- ULOTHRIX — subtilis, compacta, 345; variabilis, tenuis, pallescens, pallide virens, rivularis, albicans, minutula, tenerrima, β stagnorum, γ crispa, Braunii, oscillarina, Kochii, 346; Jürgensii, moniliformis, aequalis, β pallida, cateniformis, tenuis, pectinalis, zonata, Lenormandii, inaequalis, 347; didyma, rigidula, muscicola, anisartha, attenuata, varians, erispa, crassa, β Naegelianiana, speciosa, β obscura, valida *Naeg.*, ? (*Lyngbia*) virescens *Hass.*, 348; implexa, submarina, nitens, flaccida, radicans, β fasciculata, γ aquatica, δ schizogonoides, fragilis, 349; delicatula, varia, parietina, β rutilans, crenulata, crassa, velutina ? (*Lyngbia*) subarticulata *Hass.*, 350.
- ULVA L. — Lactuca L., obscura, oxycocca, latissima, mucosa, parvula, (?) trichophylla, (?) tenella, 474; ? cristata *Hook. fil. et Harv.*, binalis *Hassall.*, fenestrata *Post. et Rupr.*, 475.
- ULVINA — myxophila, Rubi-Idaei, aceti, β praecipitata, Sambuci, 147.
- UROCOCCUS *Hassall.* — Allmannii *Hassall.*, cryptophilus *Hassall.*, Hookerianus *Berk. et Hass.*, 206; insignis *Hassall.*, 207.

V

- VALONIA *Ginnani* — incrustans, pusilla *Ag.*, cespitula *Zanard.*, utricularis *Ag.*, syphunculus *Bertol.*, Aegagropila *Ag.*, Uvaria, macrophysa, 507; ovalis *Ag.*, verticillata, 508.
- VAUCHERIA DC. — fusca *Ag.*, submarina *Berk.*, dichotoma *Lyngb.*, pyrifera, Dillwinii *Ag.*, velutina *Ag.*, sessilis *Lyngb.*, javanica, sericea *Lyngb.*, repens *Hassall.*, 487, ornithocephala *Ag.*, α obversa, β aversa, po-

lysperma Hassall, *rostellata*, *geminata Engl. Bot.*, *caespitosa Ag.*, *cruciata DC.*, *terrestris Ag.*, *hamata Lyngb.*, *racemosa Lyngb.*, 488; *bursata Ag.*, β *marina*, *clavata Ag.*, *salina*, *trifurcata*, (?) *pusilla Lyngb.* (?) *appendiculata DC.*, *Boryana Ag.*, *elongata Ag.*, *australis Ag.*, *fastigata Ag.*, 489.

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X

XANTHIDIUM Ehr. — *hirsutum Ehr.*, *fasciculatum Ehr.*, *polygonum Hassall*, *antilopaeum*, 177; (?) *ramosum Ehr.*, *bulbosum Ehr.*, *tubiferum Ehr.*, 178.

Z

ZONARIA Ag. (ex p.) — *pavonia Ag.*, *tenuis*, β *Commer-sonii*, *Fraseri Grevill.*, *Durvillaei Bory*, *Schimperi*, (?) *collaris Ag.*, 565.

ZYGNEMA Ag. (ex p.) — *stagnale*, *ovale*, *insigne*, *subtile*, 444; *Brebissonii*, *tenuis*, *Vaucherii Ag.*, *affine*, *stellinum Ag.*, β *breviarticulatum*, γ *tetrachospermum*, *Dillwynii*, *cruciatum Ag.*, β *crassius*, 445.

ZYGOCEROS Ehr. — *Surirella Ehr.*, *Rhombus Ehr.*, *stiliger Ehr.*, (?) *Bipons Ehr.*, (?) *australis Ehr.*, 139.

ZYGOGONIUM — *delicatulum*, *scalare* 445; *ericetorum* β

didymum, γ fluitans, gracile, Ralfsii, cruciatum, decussatum, salinum, tenue, conspicuum 446; parvulum, immersum, laeve, peruanum, hercynicum, torulosum, aequale, nivale, pectinatum, lutescens, anomalum 447; crassum (?) *a* Tyndaridea epigea *Harv.*, *b* Tynd. bicolor *Harv.*, *c* Conf. quadrata *Hook. fil. et Harv.*, *d* Conf. quadrangula *Lyngb.*, 448.
ZYGOSANTHUM *Ehr.* — Echinus *Ehr.*, aculeatum, 178.

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