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Sectio I. Protophyta.

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REGIO I. THALLOPHYTA.

SECTIO I. PROTOPHYTA.

CLASSIS I. ALGAE.

Ordo I. Confervaceae.

1. Confervites BRONG.

Frons filiformis; fila libera, simplicia v. ramosa, articulata s. continua, entosperma.

Brong. Prodr. p. 211. Sternberg. Vers. II, p. 19.

1. Confervites fasciculata BRONG. *Hist. végét foss. I. p. 35. t. 1. f. 1—3.*

Creta turfacea insulae Bornholm ad Arnager.

2. Confervites aegagropiloides BRONG. *Hist. végét. foss. I. p. 36. t. 1. f. 4—6.*

Creta turfacea insulae Bornholm.

3. Confervites thoreaeformis BRONG. *Hist. végét foss. I. p. 86. t. 9. bis f. 3—4.*

In sedimentis superioribus montis Bolca prope Veronam.

4. Confervites Schlotheimii STERNB. *Vers. II, p. 19. Schlotheim Nachtr. p. 48. t. 4. f. 1.*

Formatio ignota.

5. Confervites arenaceus STERNB. *Vers. II, p. 20*
Jäger Pflanzenverst. p. 34. t. 8. f. 2.

In saxo arenaceo Keuper dicto Württembergiae.

6. Confervites bilineus UNG. *Chloris protog. inedit.*

In marga indurata formationis miocenicae ad Bilinum Bohemiae.

2. Caulerpites STERNB.

Frons simplex v. ramosa, obtusa, laciniato-pinnata
 v. foliaceo-squamosa, pinnis foliisve crebris, subim-
 bricatis, membranaceis v. crassis, planis sive concavis.

Sternberg. Vers. II, p. 20.

a. *Frons subramosa, plana, pinnata.*

1. Caulerpites pteroides STERNB. *Vers. II, p. 21. 24.*
f. 5.

In schisto calcareo cuprifero ad Ilmenau comitatus Mans-
 feldienseis.

2. Caulerpites Schlotheimii STERNB. *Vers. II, p. 21.*
t. 24. f. 6.

Cum priore ad Ilmenau.

3. Caulerpites pectinatus STERNB. *Vers. II, p. 21.*

Fucoides pectinatus Brong. Hist. végét foss. I, p. 80.

Carpolithes orbiformis Schlotheim Petref. p. 419. t. 27. f.

2. Nachträg p. 43.

In schisto calcareo bituminoso comitatus Mansfeldienseis.

4. Caulerpites selaginoides STERNB. *Vers. II, p. 20.*

Fucoides selaginoides Brong. Hist. végét foss. I, p. 70.

t. 9. f. 2. t. 9. bis f. 5.

Cum priore.

5. Caulerpites lycopodioides STERNB. *Vers. II, p. 20.*

Fucoides lycopodioides Brong. Hist. végét foss. I, p. 72.

t. 9. f. 5.

Cum prioribus.

6. Caulerpites intermedius MÜNST. *Beitr. 5, p. 100.*
t. 15. f. 19.

Cum prioribus ad Richelsdorf.

- 7. Caulerpites brevifolius** MÜNST. *Beitr.* 5. p. 101. t. 15. f. 17.
In schisto calcareo cuprifero ad Richelsdorf.
- 8. Caulerpites distans** MÜNST. *Beitr.* 5. p. 101. t. 14. f. 1.
In schisto calcareo cuprifero ad Richelsdorf.
- 9. Caulerpites sphaericus** MÜNST. *Beitr.* 6. p. 101. t. 14. f. 2.
Cum priore.
- 10. Caulerpites bipinnatus** MÜNST. *Beitr.* 5. p. 102. t. 14. f. 3.
Cum priore.
- 11. Caulerpites (?) Göpperti** MÜNST. *Beitr.* 5. p. 120. t. 4. f. 5.
Cum prioribus.
- b. Frons ramosa, foliis squamaeformibus oblecta.*
- 12. Caulerpites pyramidalis** STERNB. *Vers.* II. p. 21. t. 7. f. 2.
In calcareo griseo saxi arenacei Vindobonensis.
- 13. Caulerpites Candelabrum** STERNB. *Vers.* II. p. 21. t. 7. f. 3.
Cum priore.
- 14. Caulerpites colubrinus** STERNB. *Vers.* II. p. 21. t. 4. f. 4.
In schisto jurassico ad Solenhofen.
- 15. Caulerpites Sertularia** STERNB. *Vers.* II. p. 21. t. 6. f. 2.
Cum priore ad Solenhofen.
- 16. Caulerpites elegans** STERNB. *Vers.* II. p. 21. t. 3. f. 3.
Cum prioribus.
- 17. Caulerpites laxus** STERNB. *Vers.* II. p. 22. t. 5. f. 1.
Cum priore ad Solenhofen.

18. Caulerpites princeps STERNB. *Vers. II. p. 22. t. 5. f. 2.*

Cum priore ad Solenhofen.

19. Caulerpites tortuosus STERNB. *Vers. II. p. 103. t. 29. f. 1.*

Cum priore ad Solenhofen.

20. Caulerpites ochreatus STERNB. *Vers. II. p. 104. t. 29. f. 3.*

In schisto jurassico ad Eichstaedt.

21. Caulerpites longirameus STERNB. *Vers. II. p. 103. t. 29. f. 3.*

In schisto jurassico ad Solenhofen.

22. Caulerpites Orbignianus STERNB. *Vers. II. p. 24.*

Fucoides Orbignianus *Brong. Hist. végét foss. I. p. 78. t. 2. f. 6. 7.*

In lignite infra cretam sito, insulae Aix prope in Rochelle.

23. Caulerpites Brardii STERNB. *Vers. II. p. 24.*

Fucoides Brardii *Brong. Hist. végét foss. I. p. 77. t. 2. f. 8-19. excl. var. et synon. Schloth.*

In lignite infra cretam sito montis Pialpinson Galliae.

24. Caulerpites hypnoides STERNB. *Vers. II. p. 24.*

Fucoides hypnoides *Brong. Hist. végét foss. I. p. 84. t. 9. bis f. 1. 2.*

Formatio ignota Helvetiae.

25. Caulerpites frumentarius STERNB. *Vers. II. p. 24.*

Fucoides frumentarius *Brong. Hist. végét foss. I. p. 75.*

Carpolithes frumentarius *Schloth. Petref. p. 419. t. 27. f. 1. Nacht. p. 43.*

In schisto calcareo cuprifero prope Ilmenau.

26. Caulerpites spicaeformis STERNB. *Vers. II. p. 24.*

Sargassum imbricatum *Schloth. Nacht. p. 48. t. 6. f. 1.*

In schisto calcareo cuprifero ad Ilmenau Germaniae.

OBSERVATIO. *Caulerpites thuaeformis Sternb.* *Caulerpites expansus Sternb.* *Caulerpites Bucklandianus Sternb.* *Caulerpites fastigiatus Sternb.* *Caulerpites Nilsonianus Sternb.* ad Coniferas, *Caulerpites Bronii Sternb.* ad Lycopodiaceas verosimiliter referendi sunt.

Ordo II. Phyceae.**3. Codites STERNB.**

Frons spongiaciformis, cylindrico-tubulosa, inordinata, pilis creberrimis vestita, granulis coloratis dense obsita.

Sternb. Vers. II. p. 20.

1. Codites serpentinus STERNB. Vers. II. p. 20. t. 3. f. 1.

In schisto jurassico ad Solenhofen.

2. Codites crassipes STERNB. Vers. II. p. 20. t. 2. f. 3.

Cum priore ad Solenhofen.

4. Encoelites STERNB.

Frons tubulosa v. vesicaeformis, punctata. Sporangia subulata.

Sternberg Vers. II. p. 33.

1. Encoelites Mertensii STERNB. Vers. II. p. 23. t. 3. f. 2.

In schisto jurassico ad Solenhofen Germania.

5. Halyserites STERNB.

Frons plana membranacea, costata. Sporangia capsulaeformia, in lamina frondis ad costam coacervata.

Sternberg Vers. II. p. 34.

1. Halyserites Reichii STERNB. Vers. II. p. 34. t. 24. f. 7.

In saxo arenaceo Grünsand dicto, ad Schoena Saxoniae prope Freibergam.

6. Zonarites STERNB.

Frons plana, submembranacea, flabelliformis s. dichotoma, ecostata, enervis. Sporangia frondi immersa, in lineas transversas disposita.

Sternb. Vers. II, p. 34.

1. Zonarites flabellaris STERNB. Vers. II, p. 34.

Fucoides flabellaris *Brong. Hist. végét foss. I, p. 67, t. 8 f. 5.*

In monte Bolca, prope Veronam Italiae.

2. Zonarites multifidus STERNB. Vers. II, p. 34.

Fucoides multifidus *Brong. Hist. végét foss. I, p. 68, t. 5 f. 9. 10.*

In schisto calcareo superiore prope Salcedo, in territorio Vicentino Italiae.

3. Zonarites digitatus STERNB. Vers. II, p. 34.

Fucoides digitatus *Brong. Hist. végét foss. I, p. 69, t. 9, f. 1.*

In formatione schisti calcarei bituminosi comitatus Mansfeldensis.

7. Laminarites STERNB.

Frons stipitata, membranacea, v. coriacea, costata v. ecostata. Sporangia pyriformia, per laminam frondis sparsa.

Sternb. Vers. II, p. 34.

1. Laminarites crispatus STERNB. Vers. II, p. 35. t. 24, f. 3.

In arenaceo Keupersandstein, ad Abschwend Germaniae.

2. Laminarites tuberculosus STERNB. Vers. II, p. 35.

Fucoides tuberculosus *Brong. Hist. végét foss. I, p. 54, t. 7, f. 5.*

In lignite infra cretam jacente insulae Aix, prope la Rochelle Galliae.

8. Sargassites STERNB.

Frons ramosa, in caulis et foliorum speciem discreta, ramulis foliiformibus, petiolatis, subcostatis. Vesiculae axillares, petiolatae, globosae.

Sternb. Vers. II. p. 36.

1. Sargassites Rosthornii STERNB. *Vers. II. p. 36. t. 25. f. 6.*

In schisto calcareo Carinthiac, inter schistum jurassicum et cretam jacente.

2. Sargassites Lyngbyanus STERNB. *Vers. II. p. 36.*

Fucoides Lyngbyanus *Brong. Hist. végét foss. I. p. 82. t. 2. f. 20. 21.*

In calcareo cretaceo turfoso ad Arnager insulae Bornholm.

3. Sargassites septentrionalis STERNB. *Vers. II. p. 36.*

Fucoides septentrionalis *Brongn. Hist. végét foss. I. p. 50. t. 2. f. 24.*

In terra Lias ad Hoeganaes Scaniae.

4. Sargassites Sternbergii STERNB. *Vers. II. p. 36.*

Fucoides Sternbergii *Brong. Hist. végét foss. I. p. 51. t. 3. f. 1.*

In schisto calcareo margaceo ad Walsch Bohemiac.

5. Sargassites globifer STERNB. *Vers. II. p. 36. t. 10. f. 1.*

In monte Bolca prope Veronam Italiae.

9. Cystoseirites STERNB.

Frons ramosa, in caulis et foliorum speciem discreta, ramulis superioribus filiformibus, vesiculas concatenatas gerentibus. Sporangia subovata, subpedicellata, axillaria et lateralia.

Sternb. Vers. II. p. 35.

1. Cystoseirites communis UNG. *Chloris protog. inedit.*

In schisto calcareo argilloso ad Radaboium Croatiae.

- 2. Cystoseirites gracilis** UNG. *Chloris protog. inedit.*
Cum priore.
- 3. Cystoseirites Helii** UNG. *Chloris protog. inedit.*
Cum priore.
- 4. Cystoseirites Partschii** STERNB. *Vers. II. p. 35.*
t. 11. f. 1.
In strato inter schistum jurassicum et cretam jacente, ad Szakadat Transylvaniae.
- 5. Cystoseirites filiformis** STERNB. *Vers. II. p. 35.*
t. 11. f. 2.
Cum priore.

Ordo III. Florideae.

10. Münsteria STERNB.

Frons coriacea, cylindrica, fistulosa, simplex, caespitose aggregata v. dichotoma, transversim elevato-striata, striis creberrimis, interruptis. Sporangia in spatiis inter strias interceptis creberrima, sparsa, frondis substantiae immersa.

Sternb. Vers. II. p. 31.

- 1. Münsteria clavata** STERNB. *Vers. II. p. 31.*
Fucoides encoelioides Brong. Hist. végét foss. I. p. 55.
t. 6. f. 1.
In schisto jurassico ad Solenhofen.
- 2. Münsteria vermicularis** STERNB. *Vers. II. p. 32.*
t. 1. f. 3.
In schisto jurassico ad Solenhofen.
- 3. Münsteria lacunosa** STERNB. *Vers. II. p. 32. t. 1. f. 4.*
In schisto jurassico ad Solenhofen.
- 4. Münsteria Hoessii** STERNB. *Vers. II. p. 32. t. 5. f. 3. t. 6. f. 4.*
In schisto calcareo griseo saxi arenacci Vindobonensis.

5. Münsteria Schneideriana GÖPP, *Nov. Act. A. N. C. XIX, 2. p. 115. t. 51. f. 3.*

In arenaceo constructionum, ad Kislingswalde, ad Neuen prope Bunzlau, ad Habelschwert, Altwaltersdorf et Melling Silesiae.

6. Münsteria flagellaris STERNB. *Vers. II. p. 32. t. 7. f. 3.*

In schisto calcareo griseo saxi arenacei Vindobonensis.

7. Münsteria geniculata STERNB. *Vers. II. p. 32. t. 5. f. 4.*

Cum priore.

11. Baliostichus STERNB.

Frons coriacea fistulosa, bipinnatim ramosa, spiraleriter elevato-lineata, lineis decussantibus. Sporangia in spatiis rhombeis, a lineis elevatis interceptis punctiformia, frondi immersa.

Sernberg *Vers. II. p. 31.*

1. Baliostichus ornatus STERNB. *Vers. II. p. 31. t. f. 25. 3.*

In schisto calcareo jurassico ad Solenhofen Germaniae.

12. Chondrites STERNB.

Frons cartilaginea, filiformis, dichotome ramosa, ramis cylindricis, in ectypis compressis.

Sternberg *Vers. II. p. 25.*

1. Chondrites Targionii STERNB. *Vers. II. p. 25.*

Fucoides Targionii Brong. *Hist. végét foss. I. p. 56.*

α. fastigiatus Sternberg l. c. (Brong. *Op. cit. t. 4. f. 6.*)

In saxo arenaceo ferruginoso ad Bignor Sussexiae et ad Voiron prope Genevam.

β. divaricatus Sternberg l. c. f. 2. 3. Cum priore.

γ. confertus Sternb. l. c. f. 4. 5. Cum priore.

δ. expansus Sternb. l. c. t. 9. f. 4. In schisto arenaceo Flisch dicto montis Bolgen, prope Meisselstein Algoviae.

ε. flexuosus Sternb. l. c. t. 9. f. 3. — In schisto arenaceo apennino.

2. Chondrites difformis STERNB. *Vers. II. p. 25.*Fucoides difformis Brong. *Hist. végét foss. I. p. 57. t. 5. f. 5.*

In calcareo subcretaceo ad Bidache prope Bayonnam Galliae.

3. Chondrites aequalis STERNB. *Vers. II. p. 25.*Fucoides aequalis Brong. *Hist. végét foss. I. p. 58. t. 5. f. 4.*

In calcareo subcretaceo Italiae superioris, Galliae, Transylvanicae et ad Sivering. Austriae inferioris.

4. Chondrites intricatus STERNB. *Vers. II. p. 26. t. 6. f. 4. a.*Fucoides intricatus Brong. *Hist. végét foss. I. p. 59. t. 5. f. 6. 8.*

In calcareo subcretaceo Italiae et Germaniae frequens, vulgatissimus in schisto calcareo arenaceo agri Vindobonensis.

5. Chondrites recurvus STERNB. *Vers. II. p. 25.*Fucoides recurvus Brong. *Hist. végét foss. I. p. 62. t. 5. f. 2.*

In calcareo subcretaceo territorii Placentini ad Vernasco.

6. Chondrites furcatus STERNB. *Vers. II. p. 25.*Fucoides furcatus Brong. *Hist. végét foss. I. p. 62. t. 5. f. 1. excl. var. β .*

In calcareo cretaceo inter cretam et calcem jurassicam sito Italiae superioris, in schisto calcareo griseo agri Vindobonensis, et in schisto calcareo montis Caecii.

7. Chondrites antiquus STERNB. *Vers. II. p. 25.*Fucoides antiquus Brong. *Hist. végét foss. I. p. 63. t. 4. f. 1.*

In calcareo transitionis insulae Linoe ad Christianiam Norvegiae.

8. Chondrites circinnatus STERNB. *Vers. II. p. 27.*Fucoides circinnatus Brong. *Hist. végét foss. I. p. 83. t. 3. f. 3.*

In terra transitionis ad Kinneulle Sueciae.

9. Chondrites laxus STERNB. *Vers. II. t. 24. f. 1.*

In schisto jurassico ad Solenhofen.

10. Chondrites obtusus STERNB. *Vers. II. p. 27. t. 9. f. 2.*Fucoides obtusus Brong. *Hist. végét foss. I. p. 60. t. 8. f. 4.*

In sedimento superiori montis Bolca Italiae.

11. Chondrites turbinatus STERNB. Vers. II. p. 28.

Fucoides turbinatus Brong. *Hist. végét foss. I. p. 81. t. 8. f. 1.*
 Scheuchz. *Herb. diluv. t. 5. 6.*

In sedimento superiori montis Bolca Italiae.

12. Chondrites discophorus STERNB. Vers. II. p. 28.

Fucoides discophorus Brong. *Hist. végét foss. I. p. 81. t. 8. f. 6.*

Cum prioribus.

13. Chondrites Solenites UNG.

Chondrites furcatus Sternb. *Vers. II. p. 103.*

Solenites furcata Lindley et Hutton *Foss. Flor. n. 209.*

In arenaceo inferiori ad Haiburn prope Scarborough Angliae.

14. Chondrites cretaceus STERNB. Vers. II. p. 103. t. 103. f. 3.

In schisto jurassio montis Schwäbisch-Alp, prope Boll regni
 Würtembergiae.

15. Chondrites elongatus STERNB. Vers. II. p. 104. t. 28. f. 2.

In schisto jurassico ad Eichstaedt.

16. Chondrites lumbricarius MÜNST. Beit. 6. p. 79. t. 2. f. 1.

In schisto lithanthracum ad Solenhofen.

17. Chondrites dissimilis EICHW. Urw. Russ. t. 3.

In schisto lithanth. montium donetzkiensium Russiae.

18. Chondrites irrigatus MÜNST. Beitr. 5. p. 102. t. 15. t. 18.

In schisto calcareo cuprifero ad Richelsdorf Germaniae.

19. Chondrites acicularis STERNB. Vers. II. p. 104. t. 27. f. 4.

In formatione tertiaria.

20. Chondrites trichomanoides GÖPP. Syst. fl. foss. t. 30. f. 26.

In schisto calcareo bituminoso ad Ottendorf Silesiae.

13. Halymenites STERNB.

Frons coriacea v. submembranacea, plana v. fistulosa. Sporangia tuberculiformia v. punctiformia, laminae frondis immersa.

Sternb. Vers. II, p. 29.

1. Halymenites vermiculatus STERNB. *Vers. II, p. 29, t. 8, f. 3.*

In schisto jurassico ad Solenhofen.

2. Halymenites caetiformis STERNB. *Vers. II, p. 29, t. 2, f. 2.*

In schisto jurassico ad Solenhofen.

3. Halymenites varius STERNB. *Vers. II, p. 29, t. 2, f. 4.*

In schisto jurassico ad Solenhofen.

4. Halymenites subarticulatus STERNB. *Vers. II, p. 29, t. 4, f. 2]*

In schisto jurassico ad Solenhofen.

5. Halymenites secundus STERNB. *Vers. II, p. 29, t. 1, f. 3.*

In schisto jurassico ad Solenhofen.

6. Halymenites Schnitzleinii STERNB. *Vers. II, p. 30, t. 5, f. 1.*

In schisto jurassico ad Solenhofen.

7. Halymenites cernuus STERNB. *Vers. II, t. 7, f. 4.*

In schisto calcareo jurassico ad Solenhofen.

8. Halymenites Stockii STERNB. *Vers. II, 30.*

Fucoides Stockii Brong. Hist. végét. foss. I, p. 61, t. 6, f. 3, 4.

In schisto calcareo jurassico ad Solenhofen.

9. Halymenites Goldfussii STERNB. *Vers. II, p. 30.*

Achilleum dubium Goldfuss Petrefact. I, t. 1, f. 2.

In schisto jurassico ad Solenhofen.

10. Halymenites Brongniartii STERNB. *Vers. II, p. 30.*

Fucoides Brong. Hist. végét. foss. I, 55, t. 6, f. 2.

In schisto jurassico ad Solenhofen.

11. Halymenites concatenatus STERNB. *Vers. II. p. 30. t. 2. f. 1.*

In schisto jurassico ad Solenhofen.

12. Halymenites ramulosus STERNB. *Vers. II. p. 31.*

Fucoides fuscatus Brong. *Hist. végét foss. I. p. 62. t. 3. f. 2.*

In calcareo oolithico ad Stonesfield prope Oxonium Angliae.

13. Halymenites cylindricus STERNB. *Vers. II. p. 31.*

Fucoides cylindricus Sternb. *Vers. I. 4. 7. t. 38. f. 1.* Brong. *Hist. végét foss. I. p. 83. t. 3. f. 4.*

In schisto saxi arenacei Pirnensis (Greensand) prope Tettschen Bohemiae ad Albim.

14. Rhodomelites STERNB.

Frons plano-foliacea, costa valida percursa.

Sternb. Vers. II. p. 31.

1. Rhodomelites strictus STERNB. *Vers. II. p. 31.*

Fucoides strictus Brong. *Hist. végét foss. I. p. 52. t. 2. f. 1.—4.*

In lignite infra cretam sito, insulae Aix prope la Rochelle Galliae.

15. Sphaerococcites STERNB.

Frons subcoriacea, plana, dichotoma v. pinnata, aut filiformis.

Sternberg Vers. II. p. 28.

1. Sphaerococcites ciliatus STERNB. *Vers. II. p. 28. t. 4. f. 1.*

In schisto jurassico ad Solenhofen.

2. Sphaerococcites affinis STERNB. *Vers. II. p. 28. t. 7. f. 1.*

In schisto calcareo griseo saxi arenacei Vindobonensis.

3. Sphaerococcites inclinatus STERNB. *Vers. II. p. 28. t. 8. f. 2.*

In schisto calcareo griseo agri Vindobonensis.

4. Sphaerococcites crispiformis STERNB. *Vers. II. p. 28.*

Algacites crispiformis Schlotheim *Nachtr. I. p. 45. t. 4. f. 1.*

In schisto lignitum Bohemiae, in ripa sinistra fluvii Egra prope Falkenau.

- 5. Sphaerococcites crenulatus** STERNB. *Vers. II. p. 28.*
Algacites granulatus Schlotheim Nachtr. I. p. 45. t. 5. f. 1.
 In schisto argillaceo ad Boll regni Württembergiae.
- 6. Sphaerococcites striolatus** STERNB. *Vers. II. p. 105. t. 27. f. 3. t. 65. f. 32. 33.*
 In formatione tertiaria ad Rimum Italiae.
- 7. Sphaerococcites dentatus** STERNB. *Vers. II. p. 29.*
Fucoides dentatus Brong. Hist. végét foss. I. p. 70. t. 6. f. 9.—12.
 In saxo calcareo transitionis ad Quebec Canadae.
- 8. Sphaerococcites Serra** STERNB. *Vers. II. p. 29.*
Fucoides Serra Brong. Hist. végét foss. I. p. 71. t. 6. f. 7. 8.
 Cum priore.
- 9. Sphaerococcites Münsterianus** STERNB. *Vers. II. p. 105. t. 28. f. 3.*
 In arenaceo Keuper dicto ad Bambergam.
- 10. Sphaerococcites genuinus** STERNB. *Vers. II. p. 104. t. 34. f. 4.*
 In schisto jurassico montis Schwäbisch-Alp, prope Boll Württembergiae.
- 11. Sphaerococcites laciformis** STERNB. *Vers. II. p. 104. t. 27. b. t. 65. f. 28—31.*
 In schisto jurassico prope Bauz Bavariae.
- 12. Sphaerococcites arcuatus** STERNB. *Vers. II. p. 104.*
Fucoides arcuatus Lindley et Hutton Foss. Flor. n. 185.
 In formatione oolithica ad Gristhorp Angliae.
- 13. Sphaerococcites cartilagineus** UNG. *Chloris protog. inedit.*
 In formatione miocenica ad Radobojum Croatiae.
- 14. Sphaerococcites Blandowskianus** GÖPP, *Uebers. p. 195.*
 Ad Tarnowitz Silesiae.
- 16. Delesserites** STERNB.
 Frons membranacea, sessilis v. stipitata, nervo medio percursa, integra v. pinnatifido-lobata, foliiformis.
Sternb. Vers. II. p. 32.

- 1. Delesserites Lamourouxii** STERNB. *Vers. II. p. 32.*
Fucoides Lamourouxii Brong. Hist. végét. foss. I. p. 64.
t. 8. f. 2.
 In sedimento superiori montis Bolca prope Veronam Italiae.
- 2. Delesserites ovatus** STERNB. *Vers. II. p. 32. t. 10. f. 2.*
 Cum priore.
- 3. Delesserites spathulatus** STERNB. *Vers. II. p. 33.*
Fucoides spathulatus Brong. Hist. végét. foss. I. p. 65. t.
7. f. 4.
 Cum prioribus.
- 4. Delesserites Bertrandi** STERNB. *Vers. II. p. 33. t.*
10. f. 3. t. 24. f. 3.
Fucoides Bertrandi Brong. Hist. végét. foss. I. p. 65. t. 7.
f. 1—8.
 Cum prioribus.
- 5. Delesserites gazolanus** STERNB. *Vers. II. p. 33.*
Fucoides gazolanus Brong. Hist. végét. foss. I. p. 66. t. 8. f. 3.
 Cum prioribus.
- 6. Delesserites Agardhianus** STERNB. *Vers. II. p. 33.*
Fucoides Agardhianus Brong. Hist. végét. foss. I. p. 76.
t. 6. f. 5. 6.
 Cum prioribus.
- 7. Delesserites pinnatifidus** STERNB. *Vers. II. p. 33.*
t. 10. f. 4.
 Cum prioribus.

ALGAE FOSSILES DUBIAE AFFINITATIS.

17. Cylindrites GÖPP.

Frons cylindrica, torulosa v. apice elavato tumida.
 Sporangia (?) tuberculiformia in quincuncem disposita.

Göpp. in *Nov. Act. A. N. C. XIX. 2. p. 115.*

- 1. Cylindrites spongioides** GÖPP. *N. A. N. C. XIX.*
2. p. 115. t. 46. f. 1.—5. t. 48. f. 1. 2.

In saxo arenaceo constructionum ad Habelschwert Silesiae.

- 2. Cylindrites daedaleus** GÖPP. *N. A. N. C. XIX.*
2. p. 117. t. 49. f. 1. 2.

In saxo arenaceo constructionum ad Schandau Silesiae, et ad Eisersdorf comitatus Glacensis.

3. *Cylindrites arteriaeformis* GÖPP. *N. A. N. C. XIX. 2. p. 117. t. 50.*

In saxo arenaceo constructionum ad Kieslingswalde Silesiae.

4. *Keckia annulata* GLOCKER *Nov. Act. A. N. C. XIX. 2. p. 319. t. 4. f. 1. 2.*

In arenaceo constructionum ad Kreamsier Moraviae.

OBS. An ad Münsteriam pertinet?

5. *Fucus subtilis* EICHW.

In schisto lithanth. ad Stolobinsch Gubernii Nowgr. imperii Rossici.

6. *Fucus taeniola* EICHW.

In schisto lithanth. cum priore.

7. *Fucoides Alleghanensis* HARL *Med. physic. researches. p. 392. f. 1.*

In saxo arenaceo formationis geanthracis ad fluvium Juniata prope Susquehanna.

8. *Fucoides Brongniartii* HARL *l. c. p. 398. f. 2.*

In eadem formatione provinciae New York & ad Canalen Welland Canadae.

CLASSIS II CHARACEAE.

Ordo IV. Characeae.

18. *Chara* AG.

1. *Chara medicaginula* BRONG. *Prodr. p. 71. 216.*

Bechera medicaginula *Sternb. Vers. I. 4. p. 31.*

Gyrogonites medicaginula *Lamark. Ann. d. Mus. d' hist. nat. T. 5. p. 356. T. 9. t. 17. f. 7. Desmarest Journ. d. Mines. n. 191. nov. 1812. Leman, Bull. Scienc. T. 2. t. 2. f. 5. Alex. Brong. Ann. d. Mus. d' hist. nat. T. 15. t. 23. f. 12. Ad. Brong. Mem. d. Mus. d' hist. nat. T. 8. p. 320. t. 17. f. 5.*

In stagnigena superiore ad Montmorency, Sanois et Trappes apud Lut. Parisiorum, in insula White Angliae.

- 2. Chara helicteres** BRONG. *Mém. du Mus. d'hist. nat.* T. 8. p. 321. t. 17. f. 3. *Prodr.* p. 71.
Bechera helicteres Sternb. *Vers. I.* 4. p. 31.
 In stagnigena superiore ad Pleurs provinciae de P Aisne.
- 3. Chara Lemani** BRONG. *Mém. du Mus. d'hist. nat.* T. 8. p. 322. t. 17. f. 4. *Prodr.* p. 72. 214.
Bechera Lemanni Sternb. *Vers. I.* 4. p. 31.
 In stagnigena calce silicea inferiore ad Saint Ouen apud Lut. Parisiorum.
- 4. Chara tuberculosa** LYELL *Trans. geol. sc. 2. serie* V. 2. p. 42. *Brong. Prodr.* p. 72. 214.
 In stagnigena inferiore ad Whitecliff insulae Wight, in geanthrace ad Schönek prope Eibiswald Stiriae (Sedw. & Much.)
- 5. Chara prisca** UNG. *Chlor. protog. ined.*
 In calcareo-argillaceo ad Radobojum Croatiae.
- 6. Chara hispida**, var. *fossilis* LYELL *Trans. geol. sc. 2. serie.* V. 2. p. 93. t. 13. f. 7. 8. *Brong. Prodr.* p. 72. 216.
 In calcareo travertino ad Bakie (Forfarshire) Scotiae, ad Sagor Carnioliae.

CLASSIS III LICHENES.

Ordo V. Lichenes.

- 1. Verrucarites geanthracis** GÖPP. *Uebers.* p. 195.
 In cortice geanthracis ad Muskau Silesiae.

SECTIO II HYSTEROPHYTA.

CLASSIS IV FUNGI.

Ordo VI. Fungi.

19. Hysterites UNG.

Epiphyllum, maculae pallidae innatum, e peritheciis linearibus parallelis confertis, concentrice dispositis, formatum.

Unger Chlor. protog. I. p. 1.