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Fam. II. — COLLEMACEI.

Trib. I. — LICHINEI.

I. — Pterygium Nyl.

- 16. P. centrifugum** Nyl. in *Bull. Soc. Bot.* 1854 p. 328, id.
Syn. I p. 92, Anzi *Lang.* 311.

Ad saxa umbrosa calcis primitivae in Valle di Dentro
 agri Bormiensis (Anzi), prope Engelberg et Kan-
 dersteg (Metzler), in monte Salève et supra Vallon
 d'Arveran in monte Reculet (Müller).

- 17. P. agglutinatum** (Anzi *Lang.* 268) Nyl. *in lit.*

Ad rupes graniticas valde declives humidas et um-
 brosas ab Oleae regione usque in regionem Fagi:
 Veltlin (Anzi).

- 18. P. subradiatum** Nyl. *Prodr.* p. 68 sub *Pannaria*, *Syn.*
Lecothecium radiosum Anzi *Man.* p. 4, id. *Lang.* 442, 476.
 Frequens in alpibus calcareis sed plerumque sterilis.
 Fertile supra Bex legit Müller.

Trib. II. — COLLEMEI.

I. — Synalissa DR., Nyl.

- 19. S. symphorea** (DC. *Fl. Fr.* 2 p. 382) Nyl. *Syn.* I p. 94,
 Hepp *Fl. E.* 89, Anzi *It. sup.* 1.

Ad rupes calcareas inter squamas *Lecideae luridae*
 a planicie in regionem alpinam procedens: Lägern
 prope Baden (Hepp), prope Chur (Killias), Fels-
 berg (Theobald), in agro Bormensi (Anzi), Salève
 (Müller), Jura (Chaillet), in monte Fenera supra
 Borgosesia (Baglietto-Carestia).

- 20. S. salevensis** Müll.-Arg. *Genev.* p. 81.

Ad rupium parietes irroratos montis Salève supra Veyrier (Müller).

II. — Synalissopsis Nyl. ad interim.

- 2. S. picina** Nyl. (*Prodr.* p. 19) *in lit.*, *Collema pulposum* var. *diffracto-areolatum* Schaer *En.* p. 259 p. p.
Supra muscos in Bois de Batie prope Genf (Rome).

III. — Omphalaria DR.-Mnt.

- 22. O. pulvinata** (Schaer. *Spic.* p. 544) Nyl. *L. P.* 103, id. *Syn.* I p. 99, Schaer. *L. H.* 435, Hepp *Fl. E.* 658, 659, Anzi *Lang.* 290.

Ad saxa calcarea: Baden (Hepp), Oeschenenthal (Schaeerer), Sewen (Hegetschweiler), circa lacus prope Neuchâtel (Chaillet), Biel et Puschlav, Tresivio, aquas veteres Bormienses 1500 m. (Anzi), in monte Fenera supra Borgosesia et prope Riva (Baglietto-Carestia), in valle Rhodani inter Brieg et Naters unacum var. *pachyphylla* Müll.-Arg. *Lich. Val.* p. 9 (Müller).

- 23. O. Heppii** Müll.-Arg. *Genev.* p. 82.

Ad saxa saepius immersa in litore fluminis Arve infra Mornex et propter ripas fluminis Dranse infra Bovernier (Müller).

Forte non diversa ab *O. pulvinata*.

- 24. O. Girardi** DR.-Mnt. *Alger.* p. 199, Nyl. *Syn.* p. 99.

In monte Fenera Valsesiae (Baglietto-Carestia).

- 25. O. corallodes** (Mass. in *Flora* 1856 p. 213) Nyl. *Syn.* I p. 101, Anzi *Lang.* 1.

(Omphalaria)

Ad rupes calcareas: Maloja, supra Tresivio et in agro Bormiensi (Anzi), in alpibus Ovago et Rizzolo prope Riva (Baglietto-Carestia).

- 26. 0. botryosa** (Mass. *Misc.* p. 20) Nyl. *Syn.* I p. 101, Hepp *Fl. E.* 930, Anzi *Lang.* 309.

Ad saxa calcarea: Mornex (Müller), Bormio (Anzi).

- 27. 0. Notarisii** Mass. *Symm.* p. 58, Anzi *Lang.* 310.

Ad saxa calcarea prope Premadio, Tresivio, Como (Anzi), ad viam inter Aigle et Sepey (Müller).

- 28. 0. plectopsora** Mass. *Hb.*, Anzi *Lang.* 475.

Ad saxa dolomitica montis Grona (Anzi).

- 29. 0. decipiens** (Mass. *Framm.* p. 13) Nyl. *in lit.*

Ad calcem prope Bormio (Anzi) et in monte Fenera Valsesiae (Baglietto-Carestia).

IV. — **Collema** Ach.

- 30. C. chalazanum** Ach. *L. U.* p. 630, Nyl. *Syn.* p. 104.

Supra terram et muscos prope Riffersweil, Affoltern (Hegetschweiler jr.) et Genf (Müller).

- 31. C. Mülleri** (Hepp in Müll.-Arg. *Genev.* p. 84), id.

Fl. E. 933, *Krypt. Bad.* 661, Rbh. *L. E.* 701.

Super muscos in alveo fluviorum Rheni prope Laufenburg (Leiner) et Arve prope Genf (Müller).

- 32. C. sanguinolentum** Krmplh. *Bayr.* p. 278 sub *Physma*.

Ad terram humosam prope Ürzlikon et Zug (Hegetschweiler jr.).

- 33. C. myriococum** Ach. *L. U.* p. 638, Nyl. *Syn.* I p. 104.

Supra muscos in alpibus, ad lapides calcareos prope Riffersweil (Hegetschweiler jr.).

- 34. C. cyathodes** (Mass. in *Flora* 1856 p. 214) Nyl. *Syn.* I

p. 105.

Calcicola in fundo vallis Vogna (Baglietto-Carestia).

35. **C. auriculatum** (Hffm. *D. Fl.* II p. 98) Nyl. *Syn.* I p. 106, Schaer. *L. H.* 432, Hepp *Fl. E.* 648, 649, Anzi *It. sup.* 7, 8 p. p.

Ad rupes praesertim calcareas inter muscos e regione campestri in subalpinam procedens: Riffersweil (Hegetschweiler), Ütliberg (Hepp), Goldau, Schwyz, Brunnen, Mythen (Harz), Rigi (Hegetschweiler), Ragatz, Maladers (Theobald), Chur (Killias), Veltlin (Anzi), Bremgarten, Lauperswyl, Belpberg, Lengenberg, ad thermas Weissenburgenses, Gurnigel, Stockhorn, Pilatus (Schaerer), Genf (Theobald), Creux du Vent, Locle, Bex (Cornaz), Pontarlier (Millardet), circa Riva et Alagna (Baglietto-Carestia). Var. *dispersum* Krmplh. *Bayr.* p. 19 supra muros sine caemento exstructos prope Molleo (Baglietto-Carestia).

36. * **C. papulosum** Ach. *L. U.* p. 634, Nyl. in *Flora* 1875 p. 302.

Lignicola sterilis in Hb. Ach.

Forsan sit *C. granuliferum* Nyl. in *Flora* 1875 p. 103.

37. **C. ceranoides** (Borr. in *E. B. suppl.* II f. 2704) Nyl. in *Flora* 1878 p. 342.

Muscicola ad saxa calcarea Helvetiae mitioris (Schleicher).

38. **C. flaccidum** Ach. *Syn.* p. 322, Nyl. *Syn.* I p. 107, Schaer. *L. H.* 412, Hepp *Fl. E.* 651, Anzi *It. sup.* 3, *Erb. critt.* 1244.

Locis umbrosis ad saxa, rarius ad arborum truncos e regione campestri in alpinam ascendens: Zürich (Hepp), Schwyz (Harz), Riffersweil, Belpberg, Gasterntthal, Tête noire, Bois de Göre, supra Liddes in Valisia inferiore (Schaerer), Chur, Roffla et Tarasp (Killias), Mayenfeld, Luziensteig, Kal-

(Collema)

feuserthal et circa m. Bernina (Theobald), in meridiano fastigio alpium Rhaeticarum (Anzi), Locarno (Daldini), in Valsesia (Baglietto-Carestia).

39. C. furvum Ach. *L. U.* p. 650, Nyl. *Syn.* I p. 107, Schaer.

L. H. 413, 414, Hepp *Fl. E.* 925, 414?

Ad saxa, muros et arbores.

40. C. melaenum Ach. *L. U.* p. 636, Nyl. *Scand.* p. 29,

Schaer. *L. H.* 418—420, 422, Hepp *Fl. E.* 917, 918,

Anzi *Lang.* 291, Rbh. *L. E.* 219.

Ad saxa calcarea praesertim aprica frequens. *F. terrestre* Arn. *Tir.* XI p. 18 in summo Mettelhorn (Kündig).

Ad *C. melaenum* etiam *C. undulatum* Ach. *Syn.* p. 316 ducendum est.

41. C. polycarpon (Schaer. *Spic.* p. 532, Nyl. *Syn.* I p. 109)

Krb. *Pg.* p. 417, Nyl. in Norrl. *Kar.* p. 7, Schaer. *L. H.*

421, Hepp *Fl. E.* 919, Anzi *Lang.* 4.

Ad saxa calcarea in alpes ascendens.

42. C. cristatum (L. *Spec.* p. 1610, Hffm. *D. Fl.* II p. 101)

Nyl. in Lamy *Cat.* p. 3, Schaer. *L. H.* 417, Hepp *Fl. E.*

213, Anzi *It. sup.* 6.

Ad rupes calcareas muscosas montium et alpium.

43. C. pulposum Ach. *Syn.* p. 311, Nyl. *Scand.* p. 30, Schaer.

L. H. 428, Hepp *Fl. E.* 417, Anzi *Lang.* 497a.

Supra muscos et terram sabulosam, ad saxa et moenia calcarea. Var. *granulatum* (Ach. *Syn.* p. 312) Schaer. *Spic.* p. 538, id. *L. H.* 429, Hepp *Fl. E.* 418, *Schw. Krypt.* 273, Anzi *Lang.* 497b, Rbh. *L. E.* 678 iisdem locis. Var. *hydrocharum* (Ach. *L. U.* p. 643) Nyl. *Scand.* p. 30, Schaer. *L. H.* 430, Anzi *Lang.* 2 ad terram prope Bern (Schaefer), in montibus prope Como, Chiavenna et in val-

ibus Furva et Zebrù (Anzi). Var. *diffracto-areolatum* Schaer. *Spic.* p. 539, id. *L. H.* 431 ad terram et saxa prope Fuly (Schaerer) et Weissenstein in monte Albula (Hegetschweiler).

- 44. C. tenax** Ach. *L. U.* p. 635, Nyl. in Lamy *Cat.* p. 4, Hepp *Fl. E.* 87, 88?, Anzi *Lang.* 3.

Ad terram, muros, saxa et truncos muscosos arborum.

- 45. C. intestiniforme** Schaer. *Spic.* p. 542, id. *En.* p. 258.

Ad saxa calcarea circa Neuchâtel (Chaillet).

- 46. C. limosum** Ach. *L. U.* p. 629, Nyl. *Syn.* I p. 110.

Ad terram „im Sihlwald“ (Hegetschweiler jr.).

- 47. C. cheileum** Ach. *L. U.* p. 630, Nyl. *Scand.* p. 31, Schaer. *L. H.* 425 (*nudum*), Hepp *Fl. E.* 923.

Supra muros, lapides arenaceos et terram in regionibus calcareis recentioris formationis: Zürich, Liestal (Hepp), Albis, Bern, Belp, Vevay (Schaerer), Como (Anzi), Genf (Müller).

- 48. C. verruciforme** (Ach. *L. U.* p. 650) Nyl. *Prodr.* p. 23, Schaer. *L. H.* 416 p. p., Hepp *Fl. E.* 926.

Ad corticem arborum prope Zürich (Hepp), Riffersweil (Hegetschweiler), Bern (Schaerer).

- 49. C. stygium** Del. *Hb.*, Schaer. *Spic.* p. 544, Nyl. in *Flora* 1872 p. 554, Schaer. *L. H.* 434.

Ad saxa calcarea circa lacum Biennensem (Schaerer).

- 50. C. conglomeratum** Hffm. *D. Fl.* II p. 102, Nyl. *Syn.* I p. 115, Schaer. *L. H.* 415, Hepp *Fl. E.* 650, Schw. *Krypt.* 274.

Ad truncos arborum prope urbes et in ambulacris.

- 51. C. verruculosum** Hepp in Müll.-Arg. *Genev.* p. 86, id. *Fl. E.* 416, Anzi *It. sup.* 5.

Frequens ad corticem Juglandis prope Chur (Hepp),

(Collema)

Fraxini in valle di Tartano et *Aceris campestris*
prope Como (Anzi), Salicis prope Genf (Müller),
Fraxini et Mori in Valsesia (Baglietto-Carestia).

52. C. callopisma Mass. *Misc.* p. 23, Nyl. *Syn.* I p. 113.

Ad rupes calcareas siccas in pede montis Salève (Müller).

53. C. nigrescens Ach. *L. U.* p. 646, Nyl. *Syn.* I p. 114,
Schaer. *L. H.* 410, Hepp *Fl. E.* 216, Anzi *It. sup.* 4,
Schw. Krypt. 275.

Ad arborum truncos: Ütliberg (Hepp), Axenberg (Gisler), circa lacum Verbanum (De Notaris), Dombresson (Mortier), Neuenburg et Bex (Thomas), Genf (Reuter, Müller) circa Como (Anzi), in Valsesia (Baglietto-Carestia).

54. C. aggregatum (Ach. *L. U.* p. 648) Nyl. *Alger.* p. 318, id.
Syn. I p. 115, Hepp *Fl. E.* 932, Anzi *Lang.* 8, *Erb. critt.* 1097.

Ad truncos arborum a planicie usque ad terminum
arboreum: Konstanz (Stizenberger), Valle di Tar-
tano et Val Forcolo prope montem Bernina (Anzi),
in valle Vogna superiore (Baglietto-Carestia).

55. C. Laureri Fw. in *Linn.* 1850 p. 161, Schaer. *L. H.* 419
p. p., Hepp *Fl. E.* 931, Anzi *Lang.* 5, Rbh. *L. E.* 130.

Ad saxa montium et alpium: Veltlin, Bormio (Anzi),
Stachelberg (Jack), Rigi, Pilatus, Engelberg (Hepp),
Felsenegg supra Zug (Hegetschweiler jr.), Urner-
boden, Gampeln, Gischen, Oberfeld, Rossstock in
ditione Urnensi (Gisler), Salève (Müller), ad muros
vinetorum inter Vevay et Villeneuve (Schaerer).
Var. *microphyllum* Anzi *Cat.* p. 4 in rupibus terra
obtectis: Veltlin et in valle Zebrù (Anzi), in monte
Fenera Valsesiae (Baglietto-Carestia).

- 56. C. multipartitum** Sm. *E. Bot.* t. 2582, Nyl. *Syn.* I p. 116,
Schaer. *L. H.* 433 p. p., Hepp *Fl. E.* 663, Anzi
Lang. 7.

Ad saxa: in agro Bormiensi (Anzi), Waldnacht et
Isenthal (Gisler), in monte Fenera et in valle Vogna
(Baglietto-Carestia), in monte Salève (Müller).

- 57. C. subtorulosum** Nyl. in *lit.*

Ad rupes graniticas inundatas prope Riffersweil (He-
getschweiler jr.) et ad ripas fluminis Arve prope Vil-
lette (Rome).

Thallus pulvinatus, olivaceo-fuscescens, laciniatus laciniis tereti-
subtorulosis basi granulose exasperatis, varie divisis, lobis
divergentibus. Apothecia nondum visa. Spermogonia adsunt.
C. multipartito affine.

- 58. C. helveloideum** Ach. *L. U.* p. 641, Nyl. *Syn.* I p. 116.

Ad saxa calcarea: prope lacum Larium (Garovaglio),
St. Bernhard (Schaerer), Reculet (Müller).

- 59. C. tetragonoides** Anzi *An.* p. 6.

Supra *Tortulam torulosam* demortuam in valle Fraèle
2000 m. rarissimum (Anzi).

V. — **Collemodium** Nyl.

- 60. C. plicatile** (Ach. *L. U.* p. 635, Nyl. *Scand.* p. 30) id. in
Lamy *Cat.* p. 5, Hepp *Fl. E.* 920, 86 (*minus*).

Ad saxa varia praesertim calcarea: Konstanz (Stizen-
berger), Zürich (Hepp), prope Amsteg (Heget-
schweiler), ad lacum Larium (Schaerer, Anzi), prope
St. Moritz (Hepp), Riva (Baglietto-Carestia), Neu-
châtel (Chaillet), Genf (Müller).

- 61. * C. fluviatile** (Huds. *Fl. Angl.* p. 534, Ach. *L. U.* p. 636,
Nyl. *Syn.* I p. 109).

Ad saxa humida in monte Rigi (Stizenberger).

(Collemodium)

- 62. C. turgidum** (Ach. *Syn.* p. 313, Nyl. *Syn.* I p. 109)
id. in Lamy *Cat.* p. 6, Schaer. *L. H.* 433 p. p., Hepp
Fl. E. 215.

Locis apricis ad saxa calcarea et arenaria: Schaffhausen (Schenk), Zürich, Lägern (Hepp), Schwyz (Harz), Altorf (Gisler), Erstfelden, Pilatus (Hegetschweiler), Bern, Gemmi, Valisia inferior, Ragaz (Schaerer), Luziensteig et Chur (Theobald), Engadin et Albula (Schaerer), Como (Anzi), Genf (Müller), in Valsesia (Baglietto-Carestia).

- 63. C. albo-ciliatum** (Desmaz. in *Ann. sc. nat.* 4, IV p. 132, Nyl. *Scand.* p. 35) id. in Lamy *Cat.* p. 6, Anzi *Lang.* 13.
Inter muscos et Jungermannias ad latera umbrosa rupium graniticarum supra aedem D. Bartholomae in valle di Sotto, raro fructiferum (Anzi), sterile prope Gossau (Hegetschweiler jr.).

VI. — Leptogium Fr.

- 64. L. quadratum** (Lahm in Krb. *Pg.* p. 411, Nyl. *Lapp.* p. 105) id. in Norrl. *Tavast.* p. 170.

Ad corticem *Pyri mali* prope Mettmenstetten (Hegetschweiler jr.) et *Populi pyramidalis* prope Genf (Müller).

- 65. L. tenuissimum** (Dcks. *Crypt.* f. I, 12) Mudd *Man.* p. 46, Nyl. in Norrl. *Kar.* p. 8, *L. spongiosum* Nyl. olim, Schaer. *L. H.* 408, Hepp *Fl. E.* 211, Anzi *Lang.* 412.

Ad terram calcaream supra museos herbasque exsiccatas: Ütli, St. Moritz (Hepp), circa Bormio (Anzi), Belpberg (Schaerer), circa Neuchâtel (Chaillet).

- 66. L. byssinum** (Hffm. *D. Fl.* II p. 105) Nyl. *Syn.* I p. 120.
Ad terram prope Ürzlikon (Hegetschweiler jr.).

- 67. L. subtile** (Schrad. *Spic.* p. 95) Nyl. *Syn.* I p. 121, Hepp *Fl. E.* 413.

Ad terram argillaceam prope Zürich (Hepp) et Gossau (Hegetschweiler jr.), ad Salicum vetustarum truncos prope Maschwanden (id.), supra muscos ad terram prope Genf (Müller), ad Juglandum truncos prope Varallo (Baglietto-Carestia).

- 68. L. placodiellum** Nyl. in *Flora* 1865 p. 210, *Syn. Collema leptogoioides* Anzi *Etr.* 45.

Ad saxa calcarea montis Fenera socia *Lecanorae calcareae* (Baglietto - Cariesta), in monte Salève (Müller).

- 69. L. cretaceum** (Sm. *E. Bot.* t. 738) Nyl. *Prodr.* p. 24, id. *Syn.* I p. 120, Anzi *Lang.* 443.

Ad saxa jurassica prope Como (Anzi) et ad lapides calcareos prope Mettmenstetten (Hegetschweiler jr.).

- 70. L. pusillum** Nyl. *Syn.* I p. 121.

Ad saxa humida in sylvis circa Oltenhausen et Gossau (Hegetschweiler jr.).

- 71. L. minutissimum** (Hepp *Fl. E.* 212) Mass. *Mem.* p. 86, Nyl. in Lamy *Cat.* p. 6, Schaer. *L. H.* 498, Anzi *Lang.* 411, *Erb. critt.* 1243.

Supra muscos prope Zürich, St. Moritz (Hepp), in Veltlin et circa Bormio (Anzi), in monte Pilatus (Hegetschweiler jr.), circa Alagna et Riva (Baglietto-Carestia).

- 72. L. muscicola** (Sw. in *Nov. Act. Ups.* 4 p. 248), Fr. *Scan.* p. 293, Nyl. *Syn.* I p. 134, Schaer. *L. H.* 403, Anzi *Lang.* 12.

Inter muscos ad rupes praesertim graniticas in montanis: Rodolo in Veltlin (Anzi), Petit Salève (Müller).

(Leptogium)

73. **L. bolacinum** (Ach. *Meth.* p. 238) Nyl. in Lamy *Cat.* p. 7.
In *Helvetia mitiore* (Schleicher).

74. **L. microphyllum** (Ach. *L. U.* p. 630, Nyl. *Syn.* I p. 113)
id. in Stzb. *Hyperb.* p. 7, Schaer. *L. H.* 411, Hepp
Fl. E. 214, Anzi *It. sup.* 8B.

Ad cortices arborum prope vias et urbes: Zürich
(Hegetschweiler), Zug (Hegetschweiler jr.), Stachel-
berg (Metzler), Emmenmattschachen (Schaerer),
Veltlin (Anzi), Genf (Preiswerk).

75. **L. lacerum** (Sw. in *Nov. Act. Ups.* V p. 4) Fr. *Scan.* p. 239,
Nyl. *Scand.* p. 33, Schaer. *L. H.* 404 p. p., Hepp. *Fl. E.*
928, Anzi *Lang.* 11.

In muscosis supra terram et rupes et ad radices ar-
borum, sat alte in montes ascendens.

76. **L. lophaeum** (Ach *L. U.* p. 651, Nyl. *Syn.* I p. 122),
Schaer. *L. H.* 407.

Ad terram nudam in sylvis circa Bern et in valle
Gastern (Schaerer).

77. * **L. pulvinatum** (Hffm. *D. Fl.* II p. 104) Nyl. in *Flora*
1878 p. 345, Schaer. *L. H.* 406, Hepp *Fl. E.* 929.

Ad rupes muscosas prope Zürich (Hepp), Chur, Ber-
gün (Theobald), in fastigio meridiano alpium Rhaeti-
carum (Anzi), in sylvis circa Bern, in valle Gas-
tern et in monte Tête noire (Schaerer), Valdobbia
(Baglietto-Carestia), prope Genf (Müller).

78. **L. sinuatum** (Huds. *Flor. Angl.* p. 506) Nyl. in Lamy
Cat. p. 7, Syn. *L. scotinum* Nyl. *Syn.* I p. 123 p. p.,
Schaer. *L. H.* 404 (*majus*), 405.

Ad saxa et lapides in muscosis: Schwyz (Harz), Belp-
berg, Gurnigel, in vallibus Greyerz, Mosses et
Bedretto, Châtel St. Denis (Schaerer), in meridiano
fastigio alpium Rhaeticarum (Anzi), Dôle (Müller),

(Leptogium)

circa Riva (Baglietto-Carestia). F. *minus* Nyl. in
lit. ad terram in fagetis minus densis prope Hau-
 sen (Hegetschweiler jr.).

- 79. L. scotinum** (Ach. *L. U.* p. 651) Fr. *Scan.* p. 293, Nyl.
Syn. I p. 123 p. p., Anzi *Lang.* 538.

In alpibus Bormiensibus (Anzi).

- 80. L. palmatum** (Huds. *Flor. Angl.* p. 535) Mnt. *Canar.*
 p. 128, Nyl. *Syn.* I p. 126, Hepp *Fl. E.* 921.

Ad terram calcaream prope Baden (Hepp).

- 81. L. tremelloides** (Ach. *L. U.* p. 655) Fr. *Scan.* p. 293,
 Nyl. *Syn.* I p. 124, Schaer. *L. H.* 409, Erb. *critt.* 1121,
 Anzi *Lang.* 10.

Supra muscos, terram, saxa et cortices: in montibus
 Grimsel, Cenere, Salvatore et ad lacum Larium
 (Schaerer), Veltlin (Anzi) et in valle Intrasca (Bag-
 lietto). Var. *cimiciodorum* (Mass. *Mem.* p. 86),
Erb. critt. 1122 ad Castanearum annosarum trun-
 cos in valle Intrasca (Baglietto) et prope Locarno
 (Daldini). Var. *cyanescens* Ach. *Syn.* p. 326 ad ar-
 borum truncos abundans in Helvetia transalpina.

Ad *C. tremelloides* teste Nyl. etiam *C. dermatinum* ducen-
 dum est.

- 82. L. myochroum** (Ehrh. *Pl. cr.* 286) Nyl. in Lamy *Cat.*
 p. 7, Schaer. *L. H.* 424, 500, Hepp *Fl. E.* 652, Anzi
Lang. 9, 292, Erb. *critt.* 849, Rbh. *L. E.* 221.

Ad truncos arborum a planicie usque in regionem
 nivosam ascendens.

- 83. L. saturninum** (Sm. in *Transact. Linn. Soc.* I p. 84)
 Nyl. in *Flora* 1860 p. 545 non id. *Prodr.* p. 26,
 Schaer. *L. H.* 423, Hepp *Fl. E.* 415, Schw. *Krypt.* 75,
 Anzi *It. sup.* 2, Erb. *critt.* 428, 1125.

(Leptogium)

Ad trunços arborum e planicie in montes ascendens, coelum mitius praeamans. In ditione Bormiensi ad Fraxinos annosas 1100 m. (Anzi), in monte Salève (Müller), circa Riva, Varallo et in Valsesia superiore (Baglietto-Carestia).

- 84. L. Schraderi** (Bernh. in Schrad. *Journ.* 1799, I p. 22, Nyl. *Alger.* p. 318, id. *Syn.* I p. 133).

Supra terram inter muscos: Maienfeld (Theobald), Genf (Müller).

VII. — *Collemopsis* Nyl.

- 85. C. Schaereri** (Mass. *Ric.* p. 114) Nyl. in Norrl. *Kar.* p. 9, Anzi *Lang.* 430.

Ad saxa granitica prope Como, ad saxa calcarea prope Bormio (Anzi), Engelberg (Metzler 1864, Nr. 112) et Riffersweil (Hegetschweiler jr.).

- 86. C. riparia** (Arn. in *Flora* 1859 p. 145) Nyl. in *lit.*

In rupibus dolomitidis supra urbem Varese (Anzi).

- 87. C. caesia** Nyl. in *Flora* 1875 p. 7.

Calcicola prope Mornex in monte Salève (Rome).

- 88. C. murorum** Mass. *Framm.* p. 15 sub *Psorotichia*.

Ad caementum murorum prope Chiavenna (Anzi), Lorcarno (Baglietto) et ad saxa montis Salève (Müller).

- 89. C. Arnoldiana** (Hepp in *lit.*) Nyl. in *Flora* 1874 p. 305.

Ad saxa calcarea montis Salève rarissima (Müller).

- 90. C. Flotowiana** (Hepp *Fl. E.* 92) Nyl. in *Flora* 1874 p. 305.

Supra rupes erraticas et Nagelfluhe in rivulo Sihl prope Zürich (Hepp).

- 91. C. frustulosa** (Anzi *Lang.* 388, id. in *Comm. critt.* II p. 4) Nyl. in *Flora* 1878 p. 241.

Ad saxa calcarea aprica prope Bormio plerumque sterilis (Anzi).

92. C. leprosa (Anzi *An.* p. 5) Nyl. in *lit.*

Ad saxa marmorea humida prope Como (Anzi).

93. C. cleistocarpa Müll.-Arg. in *Flora* 1872 p. 506 sub *Psorotichia*.

Ad lapides propter ripas fluminis Dranse prope Bo- vernier (Müller).

94. C. (Psoropsis) Rehmica (Mass. *Misc.* p. 23) Nyl. in *lit.*, Hepp *Fl. E.* 420 (teste Nyl.).

Ad lapides arenaceos in litore lacus Tigurini (Hepp).

Psoropsis Nyl. subgenus *Collemopsidis*.

VIII. — *Sarcosagium* Mass.

95. S. biatorellum Mass. in *Flora* 1856 p. 290, Nyl. *Prodr.* p. 117, Anzi *Lang.* 382.

Supra terram (subiculum solitum) nondum repertum.

Ad lignum cembrinum aqua fontis continenter hu- mectatum in pago Trepalle alpium Rhaeticarum (Anzi).

IX. — *Aphanopsis* Nyl. (n. g.).

96. A. terrigena (Ach.*L. U.* p. 181, Nyl. *Scand.* p. 112) id. in *lit.*

Ad terram nudam prope Ürzlikon (Hegetschweiler jr.) et in Valisia (Schleicher teste Ach. l. c.).