

NOVA ADDENDA

AD

MYCOLOGIAM VENETAM

AUCTORE

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Hymenomycetæ Fr.

1. *Clavaria pistillaris* L., Saccardo Myc. Ven. Sp. p. 67.
Hab. In sylvula comitis Giustiniani prope *Conegliano*, aut. 1879.
Obs. Formam legi abnormem, subpyriformem, apice umbilicatam, longitudinaliter plicato-rugosam, cinereo-rubrescentem, alt. 14 cent., diam. 6 cent. An varietas?

Gasteromycetæ Fr.

2. *Geaster mammosus* Fr., Vitt. Monog. Lycop. p. 165, tab. I. fig. IX.
Hab. In sylvula alpina *Cansiglio* inter acus putrescentes Coniferarum, Aug. 1878.
Obs. In eadem sylvula legi etiam *Geasterem fornicatum* (Huds) Fr., *G. hygrometricum* Pers., et *Lycoperdon pyriformem* Schæff. ad caudices putrescentes *Fagorum*.

Hypodermeæ dBry.

3. *Ustilago receptaculorum* (DC) Tul. Sacc. Myc. Ven. Sp. p. 73.
Hab. In receptaculis florum *Scorzoneræ* hispanicæ in sylvula comitis Giustiniani, prope *Conegliano*, verè 1878 & 1879, rarissime.

4. **Polycystis ? italica** S. & S. in litt. ad Schröt. Endogena; externe nunquam manifesta; sori fere totam seminis massam occupant, et pulvere compactiusculo, atro-brunneo obruunt: sporæ 3-6 conglobato-connatae; una lateralis, magna, sphaerica, hyalino-verruculosa, atro-fuliginea, 25-30 mm. diam., ceteræ (2-5) subglobosæ, glomerulatæ, 5-10 diam., pallide fuscae, leves, episporio crassiusculo donatae.

Hab. Intra semina Castaneæ vescae, *Conegliano* 9 Novembri 1878.

Obs. An vera Ustilaginea sit, ignota germinatione, dubitandum.

5. **Uromyces Chenopodii** Thm. in schedis. — Speg. *Decades myc. Ital.* n. 30. (sub nom. *U. gigantei* Sp.)

Hab. In caulibus Schoberiae maritimæ in Campo Martis, *Venetis*, Martio 1879.

6. **Æcidium Compositarum** Mart. Fl. Erl. p. 314. Cook. Brit. Fung. II, p. 542 = f. *Hieracii murorum*.

Hab. In ejusdem foliis vivis in alpinis Cadubriæ a *Zoldo*, æst. 1877.

7. **Melampsora Betulæ** (KL) Dmz., Sacc. Myc. Ven. Sp. p. 77.

Hab. Ad folia viva Betulæ albæ a *Belluno*, Oct. 1878, rarissime.

Phycomycetæ dBy.

8. **Peronospora Cydarissiae** PBy. Thuemen Myc. Univ. n. 45. Erb. Critt. Ital. Ser. II, n. 692.

Hab. In foliis Euphorbiæ Cyparissiae a *Belluno*, Octobri 1878.

9. **Pilobolus Kleinii** v. Tiegh. Struct. Spor. Pilob. in Boll. d. I. Soc. Bot. de Franc. 1875.

Hab. In stercore humano putrescente, *Conegliano*, vere 1879 rarius.

10. **Cystopus candidus** (Pers.) dBy, Sacc. Mycol. Ven. p. 89. — forma *Sisymbrii officinalis* & forma *Ara-bidis hirsutæ*.

Hab. in eorundem folijs a *Conegliano*, majo 1879.

11. **Cystopus cubicus** (Str.) dBy, Sacc. Mycol. Ven. p. 89. — forma *Tragopogonis pratensis*.
Hab. in ejusdem caulibus, foliis floribusque a *Conegliano*, Majo 1878.

Ascomyceteæ dBy.

PYRENOMYCETÆ *Fr.*

12. **Fracchiæa heterogenea** Sacc. Myc. Ven. Specimen p. 115. et Mycoth. Ven. n. 88.
Hab. In sarmentis putrescentibus *Rubi fruticosi a Susegana*, Majo, & *Alni viridis a Belluno*, Oct. 1878.
Obs. Asci paraphysibus longioribus, crassiusculis, guttulatis, hyalinis obvallati, quæ sine jodi ope difficillime conspiciuntur.
13. **Ceratostoma Venetum** Speg. Perithecia sub-carbonacea, majuscula, $\frac{1}{4}$ - $\frac{1}{3}$ -mill. diam., sparsa, superficialia, subglobosa in ostiolum crassum fragile apicem versus molliusculum, desinentia; contextu perithecorum parenchymatico-celluloso, ostioli autem prosenchymatico-fibroso; asci (cito diffuentes).....: sporidia subnavicularia, inferne inæquilateraliter sub-mucronata, fuliginea, opaca, 6-9 \approx 5.
Hab. Ad putamina *Coryli Avellanæ* putrescentia, *Conegliano*, Febr. 1879, rarissime.
14. **Amphisphæria culmicola** Sacc. Myc. Ven. Spec. p. 113. Fungi Ital. n. 444.
 ***A. melanommoides.**
Hab. In radicibus et culmis *Arundinis Donacis* putrescentibus *Conegliano*, Mart. 1879.
Obs. A typo recedit peritheciis globosis, superficialibus, papillulatis, dense gregariis; notæ fructificationis perfectissime tamen quadrant cum typo.
15. **Sphærella Coneglanensis** Sp. Perithecia primo subepidermica, dein erumpentia atque subsuperficialia, 120-150 micr. diam., laxe gregaria; contextus inferne subcarbonaceus, superne parenchymatico-polyedricus, fuligineo-ater. Asci cylindranei vel cylindraneo-clavati,

antice crassiuscule tunicati, 40-45 \approx 5, octospori, aparaphysati. Sporidia didyma, loculo superiore majore, hyalina, 7-8 \approx 2 $\frac{1}{3}$ -3.

Hab. Ad folia emortua dejecta Calycanthi floridi, Mart. 1879, *Conegliano*.

16. **Sphærella nerviseda** Sp. Perithecia innata, sphaeroidea, ostiolo perforato papillato donata, 100-120 micr. diam.: contextus minute parenchymaticus, ater. Asci clavati, vel cylindracco-clavati, aparaphysati, 35-45 \approx 7-7 $\frac{1}{2}$, octospori. Sporidia oblongo-cylindracea, didyma quandoque curvula, ad septum vix constricta, hyalina, 15-20 \approx 2 $\frac{1}{2}$ -3, disticha vel oblique monosticha.

Hab. In nervis foliorum putrescentium, quæ toruloso-reticulata evadunt, Orobis verni, *Conegliano*, vere 1879.

Obs. Cum *Sph. nemorosa* S. & S. in eadem planta vigente non comparanda.

17. **Sphærella Epicymatia** (Wallr.) Fekl. Symb. myc. p. 118. Karsten. Myc. Fenn. II. p. 96.

Hab. In thallo emortuo putrescente Parmeliæ caperatae a Bresséo (Colli Euganei) Febr., a Belluno et in *Sylva Cansiglio*, Aug. et Oct. 1878.

18. **Sphærella Lachesis** Sacc. Fung. Ven. Ser. II. p. 302. Spig. Decades myc. Ital. n. 11.

Hab. In foliis emortuis putrescentibus Hellebori viridis, *Conegliano*, vere 1878.

19. **Sphærella prominula** Spig. n. s. Peritheciis globulosis, primo tectis, dein subsuperficialibus, minutis, 100-120 micr. d., laxe gregariis v. sparsis, epiphyllis, atris; ascis cylindracco-sinosis crassiuscule tunicatis, mollibus, aparaphysatis, octosporis, 70-75 \approx 8-10; sporidiis valde irregularibus, elliptico-oblongis, subinaequalateralibus, 1-septatis, ad septum valde constrictis, minute 2-8-guttulatis, hyalinis, 15-16 \approx 7-8.

Hab. ad folia emortua Pteridis aquilinæ a *Conegliano*, Majo 1878.

Obs. A *Sphærella Pteridis*, *S. aquilina*, *Didymella lophospora* etc. satis superque distincta.

20. **Gnomonia Veneta** Speg. Perithecia globulosa, laxe gregaria, primo parenchymati innata, tecta, dein emergentia, sicca cupulato-collapsa, $\frac{2}{10}$ – $\frac{3}{10}$ mill. diam., atra, rostro elongato, recto vel curvulo, crassiusculo, perithecium æquante vel paululum excedente, concolore instructa. Asci fusioideo-clavati, apice rotundati, crassiuscule tunicati, 45–50 \approx 7–8, octospori, aparaphysati. Sporidia elongato-fusioidea, quandoque sub-clavulata, utrinque obtusiuscula, excentrice 1-septata, h. e. loculo inferiore bis longiore quam superiore, hyalina, minute pluriguttulata, utrinque appendicibus rostriformibus, acutiusculis auctis, 15 \approx $3\frac{1}{2}$ –4,
Hab. Ad folia dejecta *Ostryæ carpinifoliæ*, *Colfosco*, Martio 1879.
21. **Gnomonia vulgaris** Ces. & DNtrs. Karsten, *Myc. Fenn.* II. p. 124. Sacc. *Michelia* II. 245.
Hab. Ad folia dejecta putrescentia *Coryli Avelanæ*, *Conegliano*, vere 1879.
22. **Diaporthe** (Tetrast.) **Mahoniæ** Speg. Stroma ramos late ambiens per lignum immutatum tortuose et profunde excurrens, nigrolimitatum; peritheciis discretis, globosis, $\frac{1}{3}$ – $\frac{1}{4}$ mill. diam., ligno decorticato vel corticato totaliter vel semiimmersis, ostiolis brevibus, cylindraceo-conoideis, obtusis, exertis. Asci oblongo-fusioidei, 65–75 \approx 10, octospori, aparaphysati. Sporidia disticha vel oblique monosticha, elliptico-elongata, 12–14 \approx 4– $4\frac{1}{2}$, utrinque rotundata, medio constricto-1-septata, 2–6-guttulata, hyalina.
Hab. In ramulis emortuis *Mahoniæ Aquifolii*, *Conegliano*, 7 Mart. 1879.
23. **Diaporthe** (Euporthe) **Americana** Sp. Stroma hinc inde ramos ambiens, per lignum immutatum excurrens, nigro-limitatum; peritheciis 3–7 in eadem macula stromatica laxe-gregarie insidentibus, ligno infossis, $\frac{1}{6}$ – $\frac{1}{8}$ mill. diam., atris, ostiolo plus vel minus longo recto vel curvulo, cylindraceo, corticem perforante ornatis; contextu tenuissime membranaceo-parenchymatico, fuligineo. Asci oblongo-fusioidei, aparaphysati, 55–

60 = 7-8, granuloso-olcoso farcti. Sporidia..... immatura, non visa.

Hab. In ramulis emortuis Magnoliæ grandifloræ, *Susegana*, Oct. 1877.

24. **Diaporthe (E.) muralis** Sp. Stroma caulem late ambiens; peritheciis globosis, atris, ligno immutato immersis, discretis vel rarius subaggregatis, $\frac{1}{5}$ - $\frac{1}{6}$ mill. diam., ostiolo cylindraceo-conoideo, plus minusve exerto, nunc recto nunc obliquo ornatis. Asci oblongo-fusoidei, 40-50 = 8-10, 8-spori, aparthysati. Sporidia disticha vel oblique monosticha oblongo-ellipsoidæ, medio 1-septata atque constricta, utrinque obtusiuscule acuminata, 15 = 4 guttulata, hyalina.

Hab. In caulibus emortuis Sedi albi, Patavii, Febr. (immatura), et S. reflexi, *Belluno* Oct. 1878.

25. **Diaporthe (Euporthe) occulta** (Fckl.) Nke, Fckl. Symb. 210.

Hab. ad strobilos putridos Cupressi sempervirentis a *Susegana*, Majo 1879, rarissime.

26. **Amphisphæria fallax** DNtrs Sfer. ital. p. 69 tab. 72. Rabh. F. E. n. 1935.

Hab. in cortice duriore Quercus pedunculatæ, in collibus di *Conegliano*, rarissime, Majo 1879.

27. **Leptosphæria nectrioides** Speg. Perithecia subcorticalia, $\frac{2}{10}$ - $\frac{3}{10}$ mill. diam., superne cortici tenaciter adhærentia, atque cum circum circa paululum nigricantia, sordide flavo-fuscescentia, ostiolo atro subraceo epidermidem perforante donata; contextus molliusculus, tenui-membranaceus melleo-fuscidulus, ostiolum versus ater ac subcarbonaceus. Asci fusoides-clavati, 90-100 = 12-18 p. spor., apice rotundati, inferne in pedicellum crassiusculum, 15-20 = 5, elongati, paraphysibus paulo longioribus, filiformibus, guttulis obvallatis; sporidia disticha vel tristicha, fusoides-elongata, 8-septata, ad septa constricta, curvula, loculo tertio superiore tumidiore, utrinque acutiuscule rotundata, fuligineo-olivacea, 35 = 6.

Hab. In sarmentis putridis Clematidis Vitalbæ in Monte *Cerva* prope *Belluno*, Oct. 1878.

28. **Leptosphæria arvensis** Sp. Perithecia innata, subsphæroidea, 100–150 micr. diam., parallele disposita, atra, ostiolo minuto, papillato, parum exerto, contextu fuligineo dense parenchymatico. Asci cylindraceuti vel cylindraceuto-clavati, 90–120 \approx 7–11, paraphysibus creberrimis, mucosis-obvallati, octospori. Sporidia elongatofusoidea, disticha vel oblique monosticha, utrinque acutiuscula, 3–5-septata, loculis internis 1-guttulatis, flavido-fuliginea, 30–35 \approx 5–6 $\frac{1}{2}$.

Hab. In caulibus emortuis putrescentibus *Equiseti arvensis*, a *Conegliano*, Decemb. 1878.

29. **Leptosphæria puccinioides** Speg. n. s. Peritheciis 2–3 gregariis v. solitariis, parenchymati immersis, macula fusca lineari ex innumeris hyphis mycelicis conflata insidentibus, nudoque oculo *Pucciniam* æmulantibus: ascis cylindraceuto-clavatis, breve stipitatis, 60–65 \approx 7–8, aparamphysatis octosporis; sporidiis cylindraceuto-oblongis, 5-septatis, loculo secundo superiore protuberante, ad septa vix constrictis, 18–20 \approx 3–4, pluriguttulatis, hyalinis.

Hab. ad folia dejecta *Caricis paludosæ* a *Conegliano*, vere 1879.

30. **Sporormia ambigua** Niessl Die Arten Pyr. Spororm. in *Österreich. Bot. Zeitsch.* p. 97, H. 2, Febr. 1874.

Hab. In fimo vaccino putrescente in montanis prope *Belluno*, Oct. 1878.

31. **Sporormia leptosphærioides** Speg. Perithecia minuta, sparsa, subsphæroidea, 120–140 mm. diam., ostiolo impresso perforata, contextu membranaceo parenchymatico-polyedrico atro-fuligineo. Asci cylindraceuti, superne rotundati, p. sp. 100–110 \approx 10–15, inferne in pedicellum, 30–35 \approx 5, elongati, paraphysibus simplicibus filiformibus obvallati. Sporidia cylindraceuto-fusoidea, tetramera, recta vel curvula, loculis duobus mediis cylindraceutis, duobus extremis sub-conoideis, mucos deficientia, atque loculis numquam secedentibus donata, 30–35 \approx 5–5 $\frac{1}{2}$, obscure fuligineo-olivacea.

Hab. In fimo ovino vetusto putrescente in pratis circa *Conegliano*, æst. 1878.

32. **Melanomma canescens** Sp. Perithecia globosa vel subsphæroidea, minuscula $\frac{1}{4}$ - $\frac{1}{3}$ mill. diam., atra, subcarbonacea, ostiolo papillato perforato donata, pilis sordide hyalinis, continuis vel 1-2-septatis, 100-200 \approx 5-7, undique laxe vestita (etiam in senectute?), ut oculo nudo cinereo-hirtella videntur. Asci cylindraceo-clavati, paraphysibus obvallati, octospori, 70-90 \approx 15-18. Sporidia disticha vel oblique monosticha, triseptata, ad septa non vel vix constricta, elliptica vel ovoideo-elliptica, quandoque subinæquilateralia, loculis 1-guttulatis, 20-25 \approx 10, primo hyalina, dein dilute fuligineo-virescentia.
- Hab.* Ad asseres abietinos putrescentes, *Conegliano* 21 Decembre 1878.
33. **Melanomma alpinum** Sp. Perithecia dense gregaria circulariter pustulatin erumpentia (more *Botryosphaerie Bèrengerianæ* f. *Rhamni Frangulæ*), minuta, $\frac{1}{3}$ - $\frac{1}{4}$ mill. diam., ovoidea vel subsphæroidea, papillulosa, atra, ostiolo minuto perforata. Asci cylindracei, vel leniter cylindraceo-clavati, 75-90 \approx 8-9, octospori, paraphysibus longioribus obvallati. Sporidia disticha vel sæpius oblique monosticha, primo hyalina 2-magniguttulata, dein 4-guttulata, postremo 1-septato-constricta, pallide olivaceo-fuliginea, 18 \approx 4.
- Hab.* Ad ramulos emortuos *Rhamni saxatilis*, *Rh. Frangulæ*, & *Hippophaëos rhamnoidis* in alpinis prope *Belluno*, Oct. 1878.
- Obs.* Species habitu *Botryosphaerie Bèrengerianæ* simillima, sed notis fructificationis valde recedere videtur.
34. **Kalmusia dealbata** Sacc. Fung. Ven. ser. V. p. 179. Mycoth. Ven. n. 677.
- Hab.* *Conegliano*, in trunco decorticato adhuc vivo *Lyriodendri Tulipiferæ*, vere 1879.
35. **Aglaospora profusa** (Fr.) DNtrs., Sacc. Myc. Ven. Sp. p. 125. Mycoth. Ven. n. 98-650.
- Hab.* Vulgatissima in omnibus ramis truncisque emortuis *Robiniaë pseud-acaciæ*, *Conegliano*, perennis, 1875-79.
- Obs.* Vere anni præteriti apud *Coneglianum* observavi

ad folia *Vitis viniferae* pelliculam tomentosulam atram nudo oculo *Capnodio* vel *Fumagini* simillimam; microscopio autem observata ab innumeris sporidiis *Aglaosporae profusae* composita videbatur. Haec sporidia, a palis Robiniaceis, quibus *Vitis* maritata, exsiliabant atque illapsa super folia, humiditatis foliorum causa, germinare incipiebant. Sporidia germinantia, ex uno vel pluribus loculis hypham, $100-150 \approx 3$, emittebant hyalino-fusculam, quae sub-dichotomice dividebatur atque apicibus conidia hyalina, elliptica vel ovoidea, minuta $4-5 \approx 1-2\frac{1}{2}$, gerebat. Quandoque invicem duo ramuli, ex eodem sporidiorum loculo orti, vertice conjungebantur, et corpusculum cylindrico-oblongum sinuoso-intestiniforme, $30-35 \approx 6-8$, quandoque summitate subspiraliter revolutum efformabant.

SACCARDOELLA Sp. (nov. gen.) *Char.* Perithecia majuscula totaliter immersa, ostiolo papillato donata, carbonacea; asci cylindracei, octospori, paraphysati; sporidia fusoido-elongata, $20-30$ -septata, utrinque setigera.

36. **Saccardoella Montellica** Sp. Perithecia majuscula, $\frac{1}{2}-\frac{3}{4}$ mill. diam., cortice immersa, ovato-sphaeroidea, superne in ostiolum acutiusculum vix exertum, perforatum desinentia, atro-carbonacea. Asci cylindracei, longissimi, $400-450 \approx 14-15$, apice crasse tunicati, inferne in pedicellum breve ac robustum attenuati, paraphysibus filiformibus guttulatis, obvallati. Sporidia praegrandia, fusoido-elongata $100-115 \approx 12$, $20-30$ -septata, ad septa leniter constricta, loculis $3-5$ guttulatis, utrinque acutiuscula, ac setula rigidula, $10-15 \approx 1$ ornata, hyalina vel fuscidula.

Hab. Ad corticem vetustum quercuum in sylvia *Montello*, 3 Jan. 1879, rarissime.

37. **Pleospora Venturia** Sp. Perithecia superficialia, minutissima, $120-140$ mmm. diam., sparsa, hypophylla, pilis rigidulis, atris, unicelluloribus, $40-80 \approx 5-7$, laxè undique vestita, contextu tenui-membranaceo parenchymatico, fuligineo-atro. Asci pauci, $5-7$ in eod. perith., cylindraceo-clavati, crasse tunicati, $4-8$ spori, apa-

raphysati, 80-90 \approx 30-35. Sporidia disticha, majuscula, elliptica, utrinque obtusa, 3-5 horizontaliter, 2-4 verticaliter septata, ad septum medium constricta, primo flavida multiguttulata, dein brunneo-fuliginea 30-40 \approx 15.

Hab. Ad folia arida Dryadis octopetalæ in alveo *Plavis*, a *Belluno*, Oct. 1878.

38. **Pleospora malacospora** Speg. Perithecia innata; lenticulari-sphæroidea, $\frac{1}{5}\frac{1}{6}$ mmm. diam., ostiolo papillato protuberante exerto, contextus densissime parenchymatico fuligineo-atro. Asci cylindraceo-clavati, apice crassissime tunicati, pauci, aparaphysati(?), 100 \approx 16-18. Sporidia disticha, ellipsoidea irregulariter murali-septata, ad septa constrictiuscula, flavescencia, 22-24 \approx 10-11.

Hab. In charta stercorata putri in umbrosis prope *Conegliano*, vere 1879.

39. **Pleospora hyalospora** Speg. Perithecia hinc inde sparsa maculis albidis insidentia, subepidermica, lenticulari-sphæroidea, $\frac{1}{3}-\frac{1}{2}$ mmm. diam., sicca cupulata, ostiolo minuto papillato, epidermidem perforante, donata. Asci cylindraceo-clavati, crasse tunicati sed tennissimi et fere diffluentes, paraphysibus duplo longioribus obvallati. Sporidia elliptica, 3-horizontaliter, 1-verticaliter septata, ad septa, speciatim medio, constricta, perfecte hyalina, granuloso-nubilosa quandoque faretata, 24 \approx 12.

Hab. In sarmentis emortuis *Vitis viniferæ* a *Belluno*, Oct. 1878.

Obs. Ob sporidia perfecte hyalina probabiliter ad novum genus trahenda species.

40. **Pleospora hispida** Niessl Notiz. ueb. n. k. Pyr. p. 193, tab. IV, f. 17.

Hab. In caulibus emortuis putrescentibus *Lithospermi officinalis* a *Conegliano*, vere 1877.

41. **Pleospora Salsolæ** Fuck. Symb. myc. p. 131-Fung. Rh. n. 814. Speg. Dec. It. myc. n. 21.

Hab. In caulibus emortuis putrescentibus *Salsolæ Kali* in Campo Martio, *Venetiis*, 25 Martio 1879.

42. **Rhaphidophora herpotricha** (Fr.) C. DNtrs Schemer. Sfer. 233. *Sph. herp.* Fr. DNtrs Micr. it. Dec. IX. n. 9. Perithecia sparsa vel laxe gregaria, in matrice sæpius stromatice obscurata insidentia, majuscula $\frac{1}{2}$ – $\frac{3}{4}$ mill. diam., olivaceo-brunnescentia, ostiolo prominulo acutiusculo ornata, atque hyphis fuliginosis, anastomosantibus undique tomentoso-vestita, contextu parenchymatico fuligineo densissimo. Asci cylindrici, 140–160 \approx 10–12, paraphysati, 8–spori; sporidia bacillaria, 140–160 \approx 2–3, pluriguttata, hyalina.

Hab. In culmis putrescentibus Triticici vulgaris, Conegliano, Martio 1879.

43. **Pseudovalsa longipes** (Tul.) Sacc. Fung. Ven. Ser. IV. p. 20. *Melanconis longipes* Tul. Cke Ind. 820.

Hab. Ad ramulos dejectos *Quercus sessilifloræ*, Conegliano, aut. 1877–78.

Obs. Asci clavati, 8–spori, apice crassæ tunicati; sporidia elongata curvula, 4–5–septata, non constricta fusca, 35–45 \approx 4–5.

HYPOCREACEÆ DNtrs.

44. **Nectriella villosula** Speg. Perithecia superficialia, sparsa minutissima, $\frac{1}{8}$ – $\frac{1}{6}$ mill. diam., flavescencia vel flavo-rufescencia, villosa-tomentella, subsphæroidea, ostiolo papillato ornata, contextus densissime et minute parenchymaticus, flavido-dilute-ochraceus. Asci cylindraceo-fusoidei, superne coarctati atque truncati, 45–50 \approx 4–5, paraphysati, octospori. Sporidia disticha, rarius monosticha, continua quandoque 1–3–guttulato-pseudo-septata, hyalina, elliptica vel elliptico-elongata, 8–10 \approx 2 $\frac{1}{2}$ –3.

Hab. In ramulis emortuis *Rosæ alpinæ* in Monte Cerva prope Belluno, Oct. 1878, rarissime.

Obs. Ob sporidia quandoque 1–2–3–guttulato-pseudoseptata ad *Calonectriam* vergit.

45. **Nectria Urceolus** Sp. Decades mycologicæ Italicæ N. 16. Perithecia urceoliformia, gregaria, carneo-fla-

vescentia, minuta, superne applanata, ostiolo fuscidulo perforata, contextu tenuissime membranaceo, polyedrico-parenchymatico, dilute roseo-flavescente. Asci cylindraceo-fusoidei, apice coarctati, præcipue in junioribus, atque tunica crassa bifoveolata donati, 4-6-8-spori, 40-45 \approx 4-5, aparaphysati. Sporidia disticha rarius oblique monosticha, cylindræa, utrinque obtusiuscula, medio 1-septata et constricta, nubiloso-hyalina, 16-18 \approx 2-3.

Hab. In ramulis emortuis putrescentibus Rosæ Gallicæ in Monte *Cerva* prope *Belluno*, Oct. 1878.

46. **Nectria charticola** (Fuck.) Sacc. *Michelia* III, p. 289.
Fuck. *Symb. myc.* p. 176.

Hab. *Conegliano*, in charta putrescente stercorata in umbrosis, Febr. 1879.

Obs. A *N. Pezicula* Sp. Mich. II, p. 232 facillime dignoscenda.

47. **Calonectria macrospora** S. & S. *Michelia* II. 251.
Fungi ital. N. 197.

* **C. Tarvisina** Sp. *Perithecia* flavo-rubentia, subglobosa, $\frac{1}{4}$ - $\frac{1}{3}$ mill. diam., superne intensius colorata, ostiolo subumbilicato perforata, non crasse tunicata; contextu densiusculo, flavo-rubescente, parenchymatico. Asci clavati, paraphysibus creberrimis obvallati, 150-180 \approx 20. Sporidia fusioidea, quandoque curvula, utrinque acutiuscule rotundata, 7-septata, grosse 6-8-guttulata, ad septa constricta, 60 \approx 10-12, hyalina, senectute tamen pallide fuscescentia.

Hab. In ramulo emortuo putrescente *Gleditschiæ Triacanthi*, a *Treviso*, 22 Novemb. 1878, rarissime.

Obs. A typo *C. macrosporæ* recedit peritheciis minoribus, superne non truncatis, minus crasse tunicatis, colore, habitatione etc.

48. **Aponectria inaurata** (B. & Br.) Sacc. *Michelia* III. p. 296. *Cook. Hndb.* p. 783.

Hab. In ramulis emortuis *Ostryæ & Frangulæ* in montanis prope *Belluno*, Oct. 1878.

Obs. I. *Perithecia* minuta, globosa, aurantiaco-cinnabarina, cæspitosa erumpentia. In eodem perithecio adsunt asci spermatiophori, 75-80 \approx 10, aparaphysati,

50-100 sporidia minuta ovoidea vel elliptica, $3 \approx 1$, hyalina foventia; asci autem veri rariores, 8-spori, 70-80 \approx 7-8; sporidia elliptica hyalina spurie 1-septata, crassiuscule tunicata, utrinque obtusiuscula atque mucrone concolore acutiusculo aucta, 14-16 \approx 3-3 $\frac{1}{2}$.

Obs. II. Diu confusi cum *Chilonectria Cucurbitula*, in eodem ramulo concretescente, sed sedulo observata perithecia valde diversa videntur, nam minora, numquam cupulata, aurantiaco-cinnabarina nec rubella viridi-aureo tecta. An status *Chilonectriae*? Etiam in *Pleonectria Lamyi* perithecia primo cupulata, rubella viridi-aureo tecta, dein rufo-rubescencia etc. observavi.

DOTHIDEACEÆ *Nke.*

49. *Dothidea insculpta* Wallr. Fock. Symb. Myc. p. 223. Saccardo, Fung. Ven. p. V. p. 183. Mycoth. Ven. n. 641. Fungi italici N. 211.

Hab. In sarmentis emortuis putrescentibus Clematidis Vitalbæ, *Conegliano*, *Belluno* etc. autumno & vere 1876-79.

Obs. Omnia specimina quæ ipse legi a *Conegliano* & *Belluno* (nam species vulgatissima) valde differunt a descriptione Fockelii et tabulis Saccardo. Asci 70-100 \approx 15-18, crassiuscule tunicati; sporidia bilocularia, loculo supero tumidiore, utrinque rotundata 20-25 \approx 6-8, diu hyalina sed tandem viridulo-fuliginea. Notis citatis exemplaria mea melius accedunt ad formam *Dothideæ Sambuci*, quam *D. insculptæ*. An hæc postrema varietas *D. Sambuci*?

LOPHIOSTOMEÆ *Sacc.*

50. *Lophiotrema*? affine Speg. Perithecia minutissima, 100-150 micr. diam., subepidermica, laxè gregaria, ostiolo compresso, tantum exerto, donata, contextu distinctissime oblongo-parenchymatico, atro. Asci cylindracei, vel cylindræco-clavati, apice obtusiusculi atque crassiuscule tunicati, 80-10,12, octospori. Sporidia pri-

mo 1-septata pluriguttulata utrinque acuta ac curvula, dein dilute fuscidula, 3-septata, ad septa constricta, recta, utrinque rotundata, $18 \approx 6$ atque cauda, $3-4 \approx 1-1\frac{1}{2}$, parvula, rostriformi, acuta donata.

Hab. In ramulis emortuis Ampelopsidis hederaceæ a *Conegliano*, aut. 1878.

51. **Lophiotrema culmifragum** Sp. Perithecia subglobosa, minuta, immersa, $\frac{1}{4}-\frac{1}{3}$ mill. diam., parallele disposita, ostiolo tantum superficiem attingente, circum circa substratum parum nigrificantia. Asci cylindracco-clavati, $80-90 \approx 8-10$, paraphysibus filiformibus obvallati. Sporidia disticha primo constricto-1-septata, 4-guttulata, dein 3-septato-constricta, curvula 4-6-guttulata, hyalina, $20-25 \approx 4-5$.

Hab. In culmis putrescentibus Arundinis Donacis a *Conegliano*, Aug. 1878.

Obs. Cum *L. semilibero* & *L. Arundinis* in eadem matrice cohabitantibus non comparandum.

52. **Lophiotrema littorale** Speg. Perithecia laxe gregaria, $\frac{1}{4}-\frac{1}{3}$ mill. diam., subsphæroidea, ostiolo papillato compresso donata, basi tantum (rarius totaliter) ligno insculpta. Asci cylindracco-clavati, breve-stipitati, crasse tunicati, $140-150 \approx 20-22$, octospori, paraphysibus creberrimis ramulosis, guttulatis obvallati. Sporidia disticha, 5-septata, ad septa constricta, loco tertio superiore protuberante, loculis grosse 1-2-guttulatis, hyalina, $35-40 \approx 12-14$.

Hab. In ligno decorticato Salicis fragilis in insula dicta *Lido* apud *Venetias*, 25 Martio 1879.

Ob. Iodi ope asci et sporidia flavescent; substantia autem, qua sporidia in ascis obvolvuntur, intense rubro-brunnescit et subopaca fit.

53. **Lophiostoma macrosporum** Speg. Perithecia $\frac{1}{2}-1$ mill. diam., subsphæroidea, basi ligno insculpta, ostiolo compresso acutiusculo donata, solitaria vel 3-5 laxe gregaria, carbonacea. Asci cylindracco-clavati, crasse tunicati, breve pedicellati $300-350 \approx 40-50$, octospori, paraphysati. Sporidia oblongo-fusiformia, utrinque acutiuscula atque hyalino-apiculato-caudata, primo hyali-

na, strato crasso obvoluta, medio 1-septato-constricta, 24-32 guttulis 1-3-seriatis donata, dein sub-fuliginea, loculo superiore intensius colorato, 12-16-pseudo-septata ibique paulum constricta 95-100 \approx 20.

Hab. In cortice vetusto dejecto *Quercus pseudo-rubra* in Sylvula *Giustinian* prope *Conegliano*, vere 1879, socio *L. vicino* & *L. Montellico*, cum quibus facillime confunditur, iis vero rarius reperitur.

54. **Lophiostoma collinum** Speg. Perithecia parenchymate foliorum immersa, laxissime gregaria, parallela, ostiolo compresso acutiusculo exerto, subglobosa, atra, 180-200 micr. diam. Asci cylindraceo-clavati, superne rotundati, inferne in pedicellum brevem ac nodulosum desinentes, 150 \approx 20, paraphysibus longioribus filiformibus obvallati. Sporidia disticha, utrinque obtusiuscula, 5-7-septata, loculo superiore parum protuberante, ad septa leniter constricta, loculis raro 1-2-guttulatis, amœne flavescencia, 35-45 \approx 10-13.

Hab. Ad basim foliorum *Caricis piluliferæ a Conegliano*, Martio, & *C. patulæ a Belluno*, Octob. 1878.

55. **Lophiostoma oreophilum** Speg. Perithecia globosa profunde in ligno immersa, ostiolo compresso apice superficiem attingente, circum circa matricem cyaneo-virescentem (fere ut in *Chrysosplenio aruginoso*) efficientia. Asci cylindraceo-clavati, breve stipitati, 150 \approx 16-20, octospori, paraphysibus ramulosis, guttulatis obvallati. Sporidia disticha, elliptico-oblonga, utrinque acutiuscula, 5-septata, ad septa leniter medio evidentius, constricta, loculis 4 internis 1-guttulatis, amœne fuliginis, 2 extimis parvulis hyalinis, 30-35 \approx 8-10.

Hab. In ramulis emortuis putrescentibus *Corni sanguineæ*, in montanis prope *Belluno*, Oct. 1878.

Obs. Species profunditate perithecorum, coloratione substrati (an semper?), apicibus sporidiorum hyalinis prædistincta! A *Loph. viridario* Cke diversa.

56. **Lophiostoma dumeti** Sacc. Fung. Ven. Ser. III. p. 3. Ejusd. Fung. it. N. 224.

Hab. In ramulis emortuis Fraxini excelsioris in montanis prope *Belluno*, Oct. 1878.

Obs. Ob sporidia perfecte cylindrica, parum quandoque curvata, ad septa nunquam constricta aliquantulum a typo recedit. In agro Bellunensi legi etiam; *L. macrostomoides* DNtrs in cortice populino, & *L. Nucula* in Salicino. A *Conegliano* autem in radicibus *Tunicæ Saxifragæ* & cortice *Bignoniæ Catalpæ* inveni *L. Anaxæum* Sacc.

HYSTERIACEÆ Cda.

57. **Lophodermium xylomoides** Chev. Fuck. Symb. myc. p. 256. Sacc. Myc. Ven. S. p. 157. Speg. Decad. myc. Ital. N. 8.

Hab. Ad folia dejecta *Cratægi Oxyacanthæ* prope *Conegliano*, Martio 1879, rarissime.

58. **Lophodermium maculare** DNtrs., Fuck. Symb. myc. p. 251. Speg. Decad. myc. Ital. N. 9.

Hab. Ad folia dejecta *Quercus pubescentis*, *Rhamni saxatilis*, *Vaccinii* *Vitis-Ideæ* in Monte *Cerva*, *Belluno*, Oct. 1879.

59. **Hysterographium hiascens** Rhem, Ascomyceten N. 314. Speg. Decad. myc. It. n. 7.

Hab. In cortice vetusto *Quercuum* in *Sylva Montello* & *Giustinian*, sociis *Hysterio pulicari* & *vulgari*.

Obs. I. Singulare! Species vulgarissima sed ob suam faciem *H. pulicari* similem nondum detecta in Europa; distinguitur tamen facile etiam nudo oculo, peritheciis utrinque acutioribus, quandoque basi coarctatis, rima minus lata, atque defectu striarum longitudinalium. Specimina mea perfecte conveniunt cum Rhemianis tum notis externis tum fructificationis internis.

Obs. II. Legi quoque a *Conegliano* *Aylographum vagum* in foliis dejectis *Ilicis Aquifolii* vere, 1879.

ELAPHOMYCETÆ *Tul.*

30. **Elaphomyces citrinus** Vitt. Monogr. Tub. p. 65, tab. IV, fig. XVI. Ejusd. Lycop. p. 214. tab. III. fig. XI. *Speg.* Decades myc. It. n. 5.

Hab. In terra calcareo-sabulosa inter radices *Quercuum* sub muscis in sylvula Comitum *Giustinian* prope *Conegliano*, vere 1879, rarius.

Obs. Odor debilis gratus. Fungus magnitudine pisi vel nucis *Avellanæ*; cortex levis brunneo-olivascens, thallo persistente floccoso late effuso amœne citrino-luteo obductus; peridium albido vel albido-cinereum crassiusculum; gleba atro-virescens; sporidia muriculata(?), 2-3guttulis magnis concentricis donata, fumose virescentibus, diam. 8-10 micr.

61. **Elaphomyces mutabilis** Vitt. *Vitt.* Monogr. Tub. p. 65, tab. IV, fig. XIV.; Ejusd. Lycop. p. 213.

***E. immutabilis** *Speg.* (Dec. mycol. Ital. n. 6 sub. *E. mutabili.*). Odor debilis, gratus. Fungus magnitudine pisi vel nucis *avellanæ*; cortex levis griseo-cærulescens, mollis, thallo persistente floccoso-fibroso albido late effuso obductus; peridium albidum; gleba virescens; sporidia muriculata(?), concentricè pluriguttulata, fuligineo-olivacea diam. 7-15 micromill.

Hab. Ad radices *Quercuum* sub humo non profunde delitescens in sylvula comitis *Giustinian* prope *Conegliano*, vere 1879; rarus.

Obs. A typo recedit peridio sub sectione non cyanescente, floccis thallinis candidis nec cinereo-argenteis, odore etc.

62. **Elaphomyces Morettii** Vitt. Monogr. Tub. p. 71; tab. IV, fig. XVII. Ejusd. Lycop. p. 224.

Hab. In terra calcareo-sabulosa profunde delitescens in sylvula comitis *Giustinian*, vere 1879, rarissime.

Obs. Odor incertus fungino-aromaticus. Fungus magnitudine nucis *avellanæ* vel *juglandis*; cortex minute et obtuse verruculosus ater, fragilis; thallo non viso;

peridium albido-cinereum, crassum; gleba atro-virescens; sporidia sphaeroidea, 2-4 concentricè guttulata, 25-30, flavo-brunnea, primo in ascis subglobosis, 8-sporis inclusa.

63. **Elaphomyces granulatus** Fries.

Hab. Inter radices quercuum in sylva *Giustiniana* prope *Conegliano*, rarissime, vere 1878-79.

Obs. Odor debilissimus. Fungus magnitudine nucis avellanæ vel juglandis; cortex flavo-nigrescens, ex apice verrucarum flavido et basi nigrescente; verrucæ majusculæ; flocci thallini flavido-virescentes, fibrosi, rari atque apice ramulosi; peridium simile rubro-fuscescens; gleba coffeicolor, primo flavo-albida variegata; sporidia subatra, levia, 15-25 diam.

TUBERACEÆ Vitt.

64. **Tuber brumale** Vitt. Monogr. Tub. p. 37. Sacc. Myc. Ven. Sp. p. 155. Speg. Decades myc. It. n. I.

Hab. Circa radices Populorum ad ripas sabulosas torrentis *Monticano*, *Conegliano*, Dec. 1878. rarius.

65. **Tuber rufum** Pico Vitt. Monogr. Tub. p. 48. Sacc. Myc. Ven. Sp. p. 155.

Hab. Inter radices Populorum ad ripas sabulosas torrentis *Monticano* prope *Conegliano*, Dec. 1878, rarissime.

DISCOMYCETÆ Fr.

66. **Pezicula Resinæ** Fuck. Symb. myc. p. 279.

Hab. In resina subputrescente Pini Strobi a *Conegliano*, Aprili 1879.

Obs. Ascus bene evolutos frustra quæsi.

67. **Trochila Populorum** Dmz. Sacc. Michelia IV. p. 419. Speg. Decad. myc. It. n. 18.

f. **Salicis Capreæ.**

Hab. In ejusdem foliis dejectis putrescentibus, socia *Linospora Capreæ*, a *Conegliano*. Vere 1879.

Obs. Obturaculo vel apice ascorum jodi ope intense cærulescit.

68. **Stictis æcidiiformis** Speg. Ascomata æcidiiformia, 3–12 dense gregarie–stipata, vix $\frac{1}{10}$ – $\frac{1}{5}$ mill. diam. ceraceo–subdiaphana, tenaciuscula, sordide luteo–albida, semiimmersa, margine libero, stellatim laciniato–lacero; contextus excipuli parenchymaticus, minutus, e cellulis 2–4 microm. diam. conflatus, dilutissime fuscidulus. Asci cylindraceo–clavati, brevissime stipitati, octospori, paraphysibus apice toruloso–clavulatis obvallati, 65–85 \approx 8–9. Sporidia disticha vel subtristicha, cylindraceo–fusoidea, utrinque obtusiuscula, 7–10–septata, ad septa plus minusve constricta, 30–35 \approx 4–4 $\frac{1}{2}$, hyalina.

Hab. Parasitica in stromatibus *Diatrypella verruciformis* & *Diaporthis Mahoniae*, in ramulis emortuis dejectis *Mahoniae Aquifolii*, Conegliano 7 April. 1879.

Obs. Apex ascorum et paraphysum jodi ope dilute cærulescit.

69. **Dermatea stegioides** Speg. n. s. Ascomatibus primo subcutaneis, clausis, dein epidermide operculatim circumscissa sed permanente subvelatis, disciformibus, extus cinnamomeis, granuloso–tomentellis, disco cinereo v. subroseo, concavo, prominulo, $\frac{1}{2}$ –1 mill. d.; ascis cylindraceis paraphysibus filiformibus obvallatis, 35–40 \approx 2–3, octosporis; sporidiis distichis, cylindraceis v. clavulatis, non v. tenuissime 1–septatis, ad septum non constrictis, hyalinis, 5–6 \approx 1–1 $\frac{1}{2}$.

Hab. Ad ramulos emortuos *Quercus sessilifloræ a Colfosco*, Majo 1879, rarissime.

70. **Schyzoxylon Berkeleyanum** (Dub. & Lév.) Fuck. Symb. myc. p. 251. *Stictis decipiens* Karsten. Myc. Fenn. I. p. 240.

Hab. In sarmentis putrescentibus *Vitis viniferæ a Belluno*, Oct. 1878. & *Rosæ caninæ a Conegliano*, Mart. 1879.

Obs. Asci cylindracei 230–260 \approx 10–12, paraphysibus filiformibus longioribus obvallati; sporidia ascorum

longitudine, septulata, in articulos, 6-10 \approx 2, seccidentia, hyalina.

71. **Pyrenopeziza lichenicola** Speg. Ascomata laxe gregaria, minutissima, vix $\frac{1}{10}$ - $\frac{1}{8}$ mill. diam., atra epithecio dilutiore, sicca subsphaeroidea, humida patellaria: contextu excipuli densissime parenchymatico atro. Asci clavato-elliptici, crasse tunicati, aparaphysati (?), octospori, iodi ope apice intense caerulescentes, 30-35 \approx 12-15. Sporidia didyma, primo muco obvoluta, dein libera, loculo superiore crassiore, hyalina, ad septum constricta 6-8 \approx 3-4.

Hab. In thallo emortuo *Parmelia caperata* in Monte *Cerva* prope *Belluno*, Oct. 1878.

72. **Niptera cinerea** (Batsch) Fuck., Sacc. *Michelia* IV. p. 424.

***Niptera exsiliens** Speg. Ascomata sessilia vel brevissime pedicellata, solitaria vel gregaria, hinc inde per epidermidem ramulorum erumpentia, extus atrocaerulea, epithecio pallidiore griseo, linea candida marginato, magnitudine valde ludentia, $\frac{1}{4}$ -1 mill. diam., Contextus parenchymaticus, marginem versus prosenchymaticus, densissimus, membranaceus. Asci cylindraceo-subclavati, apice obtusiusculi, in pedicellum crassum desinentes, 55-65 \approx 5-7, paraphysibus guttulatis crassiusculis, obvallati, octospori. Sporidia clavulata, medio uni-septata, ad septum non vel vix constricta, hyalina 10-15 \approx 2-3.

Hab. In ramulis emortuis dejectis *Quercuum*, quandoque parasitica in *Colpomate quercino*, *Conegliano*, vere 1879.

73. **Ciboria firma** (Pers.) Fuck. Sacc. *Michelia* IV, p. 428. Karsten, *Mycol. Fenn.* I. p. 108.

Hab. In ramulis emortuis *Quercuum* ad ripas *Monticani*, *Conegliano*, Novemb. 1878, rarissime.

Obs. Ascorum obturaculum iodi ope intense caerulescit.

74. **Lachnella corticalis** Fr., Karsten *Myc. Fen.* I. p. 159 (sub *Helotio*).

Hab. Ad corticem *Quercuum* vetustum in *M. Cerva* prope *Belluno*, et a *Conegliano*, per annum, 1877-79.

Obs. Species facillime dignoscenda ob amœnitatem colorationis; epithecio roseo, purpureo, vel cinnabario-aurantiaco; excipulo vivide cœruleo, vel cinereo-cœruleo; magn. $\frac{1}{2}$ a $1\frac{1}{2}$ mill. diam.

75. **Dasyscypha bicolor** (Bull.) Fekl. Symb. Mycol. 305.

Hab. Ad ramulos emortuos *Quercus pedunculatae*, a *Conegliano*, 8 April. 1879, rarius.

Obs. I. Species distinctissima et pulchella. Cupula sicca subsphæroideo-contracta, humida planiuscula, epithecio amœne luteo-aurantiaco vel cinnabario, extus candida vel dilutissime rosea, pilosa, stipite nullo vel brevissimo suffulta. Asci cylindranei, breve stipitati, octospori, $50 \approx 3\frac{1}{2}-4\frac{1}{2}$, obturaculo minutissimo jodo cœrulescente, paraphysibus longioribus oblongo-lanciformibus crassis obvallati, superne acutissimi, $60 \approx 5-5\frac{1}{2}$. Sporidia elongato-fusoidea, vel ovoideo-elongata, hyalina, disticha vel oblique monosticha, $6-8 \approx 1\frac{1}{2}$. Cellulæ excipuli dilutissime fusciculæ, ellipticæ $8 \approx 5$; pili cylindranei subechinulati, hinc illinc septato-constricti, $100-200 \approx 5$.

76. **Helotium collinum** Speg. n. s. Ascomatibus laxe gregariis primo subglobosis dein explanato-patellaribus, sessilibus, extus glabris, sordide virescentibus, disco amœne griseo-cœruleo, subhygrophano, diam. $\frac{1}{4}-\frac{1}{2}$ mill.; ascis cylindraneis, aparaphysatis, $45-50 \approx 4-5$, obturaculo vel apice jodi ope dilute cœrulescente; sporidiis distichis cylindraneo-fusoideis, subclavulatisque, quandoque utrinque uniguttulatis, hyalinis, $10 \approx 1-1\frac{1}{2}$.

Hab. In pagina inferiore foliorum *Viburni Lantanae* a *Conegliano*, Majo 1879.

77. **Calloria? pusilla** Speg. Ascomata sparsa, ephiphylla, primo epidermide tecta, dein erumpentia eaque fissâ cincta, subsuperficialia, minutissima, $120-150$ micr. diam., pallide roseo-aurantiaca, sicca cupulato-concava, humida subhemisphærica, prominula; contextus excipuli parenchymaticus, irregulariter polyedricus, tenui-membranaceus, fuscidulus. Asci cylindraneo-clavati, apice rotundati, atque tunica crassa donati, $60 \approx 8$, octospori, paraphysibus filiformibus apice leniter incrassatis ac un-

cinato-curvatis obvallati. Sporidia disticha vel oblique monosticha, elliptica $10 \approx 4$, hyalina.

Hab. In foliis dejectis putrescentibus Corni sanguineæ, a Conegliano, Apr. 1879.

Obs. Sæpius ascomata in maculis latis, vagis non circumscriptis insident.

78. **Ascobolus stictoideus** Speg. Ascomata laxissime gregaria vel sparsa, minuta, vix $\frac{1}{3}$ – $\frac{1}{2}$ mill. diam., externe aquose albida, epithecio dilute olivaceo ex ascis exilientibus nigro-punctato, totaliter in fimo immersa, non vel labiis tantum exertis, crassiusculis atque laceris. Asci pauci 5–10, magni 150 – $160 \approx 40$, clavato-saccati, breviter ac crasse stipitati, superne crassiuscule tunicati, octospori, paraphysibus septulatis apice curvulis obvallati. Sporidia disticha vel irregulariter polysticha, elliptica, $25 \approx 14$, primo hyalina, levia, dein amœne violacea, minute ac densissime verruculosa, postremo roseo-fuliginea.

Hab. In fimo canino putrescente, Conegliano April. 1879.

Obs. Tunica ascorum jodi ope obsolete cærulescit.

79. **Ryparobius saccoboloides** Speg. Ascomata dense gregaria, minutissima, 80–100 mil. diam., difficillime nudo oculo perspicienda, sordide roseo-fuscescentia, epithecio obscuriore virescente, primo globosa, hemisphærica, subsuperficialia; contextus excipuli minutissime ac densissime parenchymaticus, dilute roseo-fuscidulus. Asci ovoidei vel elliptico-clavati, superne obtusi, inferne in pedicellum crassum ac nodulosum desinentes, 40 – $50 \approx 20$ – 25 , 60–120—spori, aparaphysati. Sporidia in glomerulo 35–40 ≈ 15 –20 elliptico, tenaciter muco connexa, etiam extra ascos, elliptica vel ovoidea, utrinque obtusiuscula, continua, hyalina, luce refracta dilute chlorina, crassiuscule tunicata, 5 – $6 \approx 2\frac{1}{2}$ –3.

Hab. In fimo canino vetusto putrescente, a Conegliano, Apr. 1879.

Obs. Iodi ope asci et sporidia rubro-fuliginea evadunt, stipites et bases ascorum autem ita colorantur ut opaci fiant.

Fungi imperfecti.

80. **Ramularia microspora** Thm. in Oest. bot. Zeit. 1877. p. 272. Mycoth. Univ. N. 982.
Hab. In hypophyllo *Teucris Chamædryos*, a *Conegliano*, æst. 1877, rarissime.
81. **Ramularia Weigeliæ** Speg. Maculis subnullis, vagis. Acervulis hypharum hypophyllis super vel circa perithecia cujusdam *Phyllostictæ* vegetantibus, dense gregariis. Hyphis hyalinis, non vel rarius 1-2-septatis, apice nodulosis, 30-40 \approx 2-3; conidia hyalina magnitudine et forma ludentia, 5-15 \approx 3-4, subrotunda vel oblongo-cylindracea, quandoque continua, quandoque uniseptata, basi subapiculata.
Hab. In pagina inferiore foliorum *Weigeliæ roseæ a Conegliano*, aut. 1878.
82. **Ramularia Bellunensis** Speg. Maculis sordide cinerascentibus, late caules et folia ambientibus; hyphis subtortuosis, non vel rarius 1-2-septatis, apice incrassatis, hyalinis, 40-50 \approx 5; conidiis ellipticis vel elliptico-cylindraceis, utrinque obtusiusculis, medio uniseptatis ad septum non vel vix constrictis, hyalinis, 25-30 \approx 5-6.
Hab. Ad folia & caules *Chrysanthemi Parthenii a Belluno*, Oct. 1878, vulgatissima.
83. **Cylindrosporium Valerianæ** Speg. Maculis magnis elongatis vel subrotundis griseis; hyphis brevibus, gracilibus, 50 \approx 3-4, hyalinis, nubiloso-granulosis, non vel 1-2-septatis, vertice irregularibus. Conidiis cylindraceis vel elliptico-elongatis, quandoque simplicibus, sed sæpius 1-3-septatis, hyalino-nubilosis 15-50 \approx 5-8.
Hab. In hypophyllo *Valerianæ officinalis*, & *dioicæ* circa *Conegliano*, aut. 1877-78.
84. **Cercospora Bolleana** (Thm.) Speg. *Septosporium Bolleanum* Thuemen, in Oest. bot. Zeitschr. 1877. p. 12; & *Contrib. micolog. del Litorale* p. 10.
Hab. Ad folia viva vel languida *Fici Caricæ*, vulgatissima a *Belluno*, Oct. 1878.
85. **Cercospora Mercurialis** Pass. in Rabh. F. Eur.

Maculis argenteo-albidis, rotundis; caespitibus hypophyllis gregariis centrum macularum saepius occupantibus; hyphis dilute fuliginis, continuis, contortis, nodulosis, brevibus, 20-40 \approx 5-6; conidiis cylindraceo-bacillaribus, inferne attenuatis, atque acutiuscule rotundatis, antice crassiusculis et obtusis, 2-7-septatis, crasse tunicatis, hyalinis, 40-70 \approx 4-6, rectis vel curvulis.

Hab. Ad folia viva vel languida *Mercurialis perennis* in collibus *di Conegliano*, rarius, aut. 1877.

86. **Cladosporium aecidiicola** Thüm. Mycoth. Univ. n. 373.

Hab. In *Aecidio Euphorbiae* parasitans ad folia *Euphorbiae palustris a Conegliano*, Majo 1879, rarissime.

87. **Geotrichum candidum** Lk. Nees r. Esemb. Syst. d. Pilz. I. p. 29.

Hab. In ossibus putrescentibus *a Conegliano*, aut. 1876.

Obs. Conidia cylindracea utrinque truncata 5-10 \approx 4 hyalina.

88. **Graphium aspergilloides** Speg. Stipites cylindracei, longiusculi, 150-200 \approx 20-30, atro-fuliginei, compositi, apice ex hyphis undique divergentibus subgloboso-capitati; hyphae fasciculae, fuliginiae, fertiles in apicem nodulosum, denticulatum desinentes; conidia e denticulis hypharum oriunda, elliptico-ovoidea vel oblongo-elliptica, 6-10 \approx 3-4, dilute fuliginea.

Hab. In pagina inferiore foliorum putrescentium *Sorbi Torminalis a Conegliano*, vere 1878 & 1879, rarius.

89. **Isaria stilbiformis** Speg. Gregaria vel solitaria; stipites flavescens, 3-7 mill. alti, compositi ex hyphis fasciculatis, subcontinuis, flavido-hyalinis, tenaciter coactis, sursum apice divergentibus et capitulum albidum-tomentosulum subsphaeroideum vel pyriforme efformantibus; apice hypharum perfecte hyalino, clavulato, vertice acutissimo atque sporidium cylindraceum utrinque acutiusculum, 8-11 \approx 2-2½, hyalinum gerente.

Hab. Ad corpora putrescentia cujusdam minutae spe-

ciei *Pentatomorum* in carpineto prope *Belluno*, Oct. 1878, rarissime.

90. **Isaria arachnophila** Ditm. Deutsch. Crypt. Flor. Heft 4. tabula 55.

Hab. Ad corpora emortua *Epeiræ tubulosæ*, *conicæ*, *Drassi atris* & *Mygales cæmentariæ*, a *Belluno*, Oct. 1878, sporadice non rarius.

91. **Isaria farinosa** Tul. Fuck. Symb. myc. p. 186.

Hab. Ad corpora emortua chrysalidum Lepidopterorum nocturnorum a *Conegliano* & *Belluno*. Vulgatissima aut. 1878.

92. **Arthrimum curvatum** Kze & Schm. Fuck. Symb. myc. p. 357. Speg. Decad. myc. It. n. 28.

Hab. Ad folia emortua subputrescentia *Caricis paludosæ* a *Coll' Albrigo* prope *Conegliano*, Martio 1879.

93. **Melanconium betulinum** Schm. & Kze. Fuck. Symb. myc. p. 190.

Hab. In ramis emortuis *Betulæ albæ* a *Belluno*, Oct. 1878.

Obs. Conidia ovata, crassiuscule tunicata, granuloso-farcta, fuliginea, $15-18 \approx 6-7\frac{1}{2}$.

94. **Gloeosporium** (Euglæosp.) **Venetum** Speg. Maculæ marginales, amorphæ, maximæ, vel centrales rotundæ parvulæ, melleæ vel ochraceæ linea fusco-purpurascente cinctæ. Acervuli minuti, prominuli, gregarii vel solitarii, atris. Conidia elliptico-cylindracea, $7-8 \approx 2-2\frac{1}{2}$, granulosa et guttulata, hyalina.

Hab. Ad folia viva vel languida *Rubi Chamæmori* a *Belluno* & a *Conegliano*, Aut. 1877-78.

95. **Æcidiolum minutellum** Speg. Acervuli primo subepidermici, minuti, $\frac{1}{10}-\frac{1}{8}$ mill. diam., gregarii, dein erumpentes, læte aurantiaci. Conidia catenulata, elliptica, vel ovoidea, rarius, subsphærica, hyalina $3-4 \approx 1-2$, sterigmatibus crassiusculis, $45-50 \approx 1-2\frac{1}{2}$, subclavulatis, quandoque $1-2$ -septulatis suffulta.

Hab. In foliis *Scorzoneræ hispanicæ* socia *Puccinia Compositarum*, cujus videtur status microconidicus.

96. **Sporidesmium echinulatum** Speg. Acervuli superficiales, rotundi, atri, minuti, gregarii, quandoque plures confluentes; conidia elliptica, 30-32 \approx 15-16, 3-septata, ad septa plus minusve constricta, septulo uno alterove longitudinali, ubique laxe et minute verruculosa fuligineo-olivacea, oculis quandoque duobus extimis pallidioribus, pedicellis hyalinis, 5-8 \approx 2-3, suffultis.

Hab. Ad chartam putrem stercoratum in locis umbrosis prope *Conegliano*, aut. 1876-78.

97. **Hormococcus hysterioides** Speg. n. sp. Glomerulis ligno dealbato innatis, oblongo-hysteriiformibus, laxe gregariis atris, parallelis, long. 1-1 $\frac{1}{2}$ mill., crass. $\frac{1}{4}$ - $\frac{1}{3}$ mill.; sporophoris dense fasciculatis, filiformibus, ramulosis, septulatis, 40-50 \approx 2-3, fuscidulis, apice spermatia catenulata, cylindracea, utrinque truncata, 3-8 \approx 2-2 $\frac{1}{2}$, fuscidula gerentibus.

Hab. In sarmentis putridis Rubi fruticosi a *Conegliano*, Majo 1879.

98. **Myrothecium inundatum** Tode, Fekl. Symb. p. 364.

Hab. In Cortinariis putrescentibus a *Belluno*, Oct. 1879.

99. **Antromyces Copridis** Fres. Beitr. p. 37. t. IV. fig. 40-45.

Hab. In terra humosa pingui (ad chrysalides?) in castaneto prope *Conegliano*, aut. 1876.

100. **Pestalozzia longiseta** Speg. Acervuli punctiformes, lenticulari-subsphæroidei, primo tecti dein erumpentes, atri, 100-150 micrm. diam., macula rufa nigro-cincta insidentes. Conidia elliptico-fusoidea, utrinque acuminata, 20 \approx 8, 4-septata, ad septa non vel vix constricta, oculis tribus internis fuligineo-atris, quandoque 2 superioribus intensius coloratis, duobus autem extimis parvulis atque hyalinis, superiore tribus rostellis longissimis, 30-40 \approx 1, ornato, inferiore pedicellum, 5-15 \approx 1 gerentibus.

Hab. Ad folia viva vel languida Rubi cæsii a *Susegana*, Novemb. 1876.

101. **Pestalozzia funerea** Dmz. Sacc. Myc. Ven. Sp. p. 198. Sequentes formas vel varietates ipse legi:

a) *typica*. Conidia 4-septata, loculis tribus interioribus atro-olivaceis, 30-35 \approx 7-8; rostell. 3, 15 \approx 1; stip. 5-10 \approx 1.

Hab. In foliis vivis vel emortuis Pteridis aquilinæ, Photiniæ serrulatæ, Eucalypti Steweniani, Rubi fruticosi, Evonymi chinensis, Thujæ & Cupressi etc.

b) *crassipes*. Conidia oblongo-fusoidea, 4-septata, 3 loculis internis atro-olivaceis, 20-30 \approx 7; rost. 3, 10-12 \approx 1; stip. 5-10 \approx 3-3 $\frac{1}{2}$.

Hab. In ramulis emortuis Loniceræ Caprifolii a Conegliano, aut. 1876.

c) *multiseta*. Conidia elliptico-elongata, utrinque acuta, 3 loculis internis atro-olivaceis, 25-30 \approx 9-10; rost. 5-10, 7-10 \approx 1; stip. 5-7 \approx 1.

Hab. In foliis dejectis Iridis Germanicæ, Conegliano, vere 1877.

d) *discolor*. Conidia oblongo-fusoidea, 4-septata, 3 loculis internis olivaceis, loculo medio intensius colorato, 25-30 \approx 7-8; rost. 4-5, 15-20 \approx 1; stip. 8-10 \approx 1.

Hab. In foliis emortuis Buxi sempervirentis, & Scrofulariæ caninæ a Tarzo prope Conegliano, aut. 1872.

02. **Pestalozzia strobilicola** Speg. Acervuli primo lenticulares tecti, dein conoidei, erumpentes, $\frac{1}{4}$ - $\frac{1}{3}$ mill. diam., atri, gregarii, rarius sparsi; conidia elliptico-fusoidea, utrinque acuminata, 3-septata, 25 \approx 9, loculis 2 internis atro-fuliginis, 2 extimis autem hyalinis, superiore 3-4 rostellis, 22-30 \approx 1 ornato, inferiore pedicellum, 5-10 \approx 1, gerente.

Hab. Ad strobilos putridos Pini sylvestris, a Susegana, 17 Novemb. 1876.

03. **Pestalozzia versicolor** Speg. Acervuli globoso-lenticulares, primo subepidermici, dein erumpentes, et circum circa ex conidiis exsurgentibus matricem atro-inquinati; conidia fusoidea 4-septata, 30 \approx 10, loculis 2 extimis hyalinis, 2 internis superioribus atro-olivaceis, tertio inferiore amœne flavo-virescente, 3-guttulatis; loculo supremo conoideo, 3-4 rostella,

25—30 = 1, gerente, infimo inflatulo quandoque 1—gut-
tulato in pedicellum, 5—8 = 1, desinente.

Hab. Ad folia dejecta putrescentia Nerii Oleandri, a Conegliano, Novemb. 1876.

104. **P. monochæta** Dmz. Sacc. Myc. Spec. p. 198.

Hab. Ad folia dejecta putrescentia Quercuum, a Conegliano, aut. 1876—78.

***P. Saccardoï** Speg. Acervuli parenchymate immersi, punctiformes, densiuscule gregarii; conidia 4—septata, 20 = 5, loculis 3 internis atro—opacis; 2 extimis hyalinis; superiore acute conoideo, majusculo rostellum e basi curvato uncinato hyal. 10—15 = 1½, gerente, inferiore in pedicellum, 30—40 = 2, desinente.

Hab. Ad folia dejecta putrescentia Quercus, a Conegliano & in Silva Montello, aut. 1876—77.

105. **Pestalozzia macrospora** Ces. Sacc. Fung. Ven. Series. V. p. 198.

Hab. In frondibus emortuis Pteridis aquilinæ a Conegliano, aut. 1877—78, vulgata.

***P. macropoda** Speg. Acervuli epiphylli primo tecti dein erumpentes, conoidei, minutissimi, cinereo—fuliginei; conidia fusiformia, 35—38 = 7, 4—septata, ad septa leniter constricta, loculis 3 interioribus olivaceis, 2 extimis hyalinis, superiore rostellum unicum obliquum vel rectum, 15 = 1—1½, apice abrupte ac brevissime recurvato—uncinatum gerente, inferiore in pedicellum, 45—50 = 1, desinente.

Hab. In frondibus emortuis Pteridis aquilinæ a Conegliano, vere 1877, rarissime.

106. **Pestalozzia lignicola** Cooke; an *P. truncatula* Fuck.?

Hab. In ramulis emortuis Rosæ caninæ, & in trabe abietina putrescente a Conegliano, aut. 1877—78.

Obs. Conidia 3—septata, loculis 2 interioribus primo flavidis, dein atro—olivaceis, 2 extimis hyalinis, 12—18 = 4—7, loculo supremo 2 rostellis, 20—25 = 1 ornato, inferiore in pedicellum, 20—30 = 1, desinente.

107. **Dinemasporium rhodophæum** Sp. Cupulæ parenchymate immersæ, disco superficiem non vel vix (hu-

miditate) excedente, numquam tectæ, laxe gregariæ, subparallelæ, macula nulla vel subnulla insidentes, discoideæ sed ob pressionem nervorum folii sub-quadratae, minutæ $\frac{1}{4}$ — $\frac{1}{3}$ mill. diam. Excipuli contextus parenchymaticus, fuliginæus, margine aterrimo, nitente, atque pilis brevissimis, 20—40 \approx 5, concoloribus, unicellularibus, laxè ornato; disco amœne roseo vel roseo-aurantiaco. Spermata elliptica, recta, biguttulata, 9 \approx 3, hyalina, utrinque setulâ rigidulâ subæquilongâ, rectâ aucta.

Hab. In foliis emortuis diu intemperis expositis Phragmitis communis in insula dicta *Lido* apud Venetias, Martio 1879.

108. **Neottiospora coprophila** Speg. Perithecia minutissima, 80—70, globosa, astoma(?), irregulariter dehiscencia, contextu densiusculo, parenchymatico—indistincto; spermata oblongo—fusoidea, 25 \approx 3, utrinque acutiuscula, nubiloso—granuloso—farcta, hyalina sessilia, apice tribus rostellis exilissimis, 20 \approx 1, ornata.

Hab. In fimo ovino vetusto in pratis circa *Conegliano*, socia *Delitschia Winteri*, Decemb. 1878.

109. **Phoma** (Diaporthe) **Volkameriæ** Speg. Peritheciis astomis(?) epidermide nigrificata, atque tumefacta, nitente, tectis, globoso—lenticularibus, 150—200; spermatis hyalinis, ellipticis, utrinque attenuatis obtusiusculis, non vel 1—2—guttulatis, 7—11 \approx 3—5.

Hab. In ramulis emortuis putrescentibus Volkameriæ fragrantis, a *Conegliano*, Aug. 1876.

110. **Phoma Weigeliæ** Speg. Peritheciis lenticularibus 110—120, diam. sub epidermide nidulantibus, carbonaceis, ostiolo papillato—conoideo acutiusculo donatis. Spermatis minutis, hyalino—chlorinis, 3—5 \approx 1—2 ellipticis vel ovoideis, obtusis, non guttulatis.

Hab. In ramulis emortuis Weigeliæ roseæ a *Conegliano*, aut. 1876.

111. **Phoma** (Diaporthe?) **Rosmarini** Speg. Peritheciis superficialibus, ligno circumnigrificato decorticato adnatis, lenticulari—hemisphæricis, atris rugulosis, 2—3 stromatice aggregatis, 200—250 micr. diam. carbona-

ceis. Spermatis ovoideo-fusoideis, inferne acutiusculis, antice obtusis, hyalinis, granuloso-farctis, minute 2-guttulatis, $6-10 \approx 2-3$.

Hab. In ramulis emortuis Rosmarini officinalis a Conegliano, Dec. 1876.

112. **Phoma** (Diaporthe) **Lagerstroemiae** Speg. Peritheciis ligno stromatice nigrificato immersis, 110-150 micr. diam., ostiolo pertuso, papillato donatis. Spermatis ovoideo-ellipticis, utrinque obtusiusculis, hyalinis, 2-guttulatis, $7-10 \approx 2-3$.

Hab. In ramulis emortuis Lagerstroemiae indicæ a Conegliano, Dec. 1876.

113. **Phoma** (Diaporthe) **Anaxæa** Speg. Stromate ramulos corticatos vel decorticatos late ambiente atque lignum atro-nitens efficiente. Peritheciis ligno immersis, atris, 150-180 micr. diam.; spermatis minutissimis hyalino-chlorinis, subellipticis, utrinque obtusiusculis, $2-3 \approx 1-1\frac{1}{2}$.

Hab. In ramulis emortuis Onobrychis sativæ in alveo Plavis (Anaxi), Aug. 1876.

114. **Phoma** (Diaporthe) **Nerii** Speg. Stromate late ambiente, lignum extus nigrificante. Peritheciis minutis ligno corticato vel decorticato immersis, atris. Spermatis ellipticis vel oblongo-ellipticis, $6-9 \approx 3-4$, 2-guttulatis, hyalinis.

Hab. In ramulis emortuis Nerii Oleandri a Conegliano, vere 1878.

115. **Phoma endogena** Speg. Peritheciis in membrana cotyledones obvolvete nidulantibus, griseis, quandoque subtomentellis, lenticulari-sphæroideis, tenuemembranaceis, contextu parenchymatico-celluloso, 150-200. Spermatis hyalinis, granuloso-nubuloso-farctis, ovoideis vel ellipticis, $6-8 \approx 2-3$, eguttulatis.

Hab. In seminibus maturis Castaneæ vescae cortice integro vestitis, adhuc vegetis (socia quandoque *Mycogone cervina* Lk, teste ipso Saccardo) a Conegliano, aut. 1877.

116. **Phoma montana** Speg. Peritheciis subepidermicis, erumpentibus, membranaceo-carbonaceis, 110-150,

sublenticularibus. Spermatis fusoideis utrinque acuminatis, nubiloso-granulosis, non vel 2-guttulatis, $6-10 \approx 1\frac{1}{2}-2$.

Hab. In ramis emortuis *Saturejæ montanæ a Susegana*, Martio 1877.

117. **Phyllosticta Cratægi** Speg. Maculis subrotundis, griseis; peritheciis parenchymate innatis, minutissimis, 60-80 diam., contextu laxe parenchymatico-atro; spermatis hyalinis, minutissimis, ellipticis vel ellipsoideis, biguttulatis, $2\frac{1}{2}-3 \approx 1-1\frac{1}{2}$.

Hab. In foliis *Cratægi Oxyacanthæ a Belluno*, Oct. 1878, rarissime.

118. **Phyllosticta prunicola** Sacc. Michel. 156.

Hab. In foliis *Pruni domesticæ a Belluno*, Oct. 1878.

119. **Phyllosticta aquatica** Speg. Peritheciis subepidermicis, lenticularibus, 100-110, ostiolo latiusculo, 10, mer. d. pertuso; contextu laxissime et tenuissime parenchymatico-membranaceo, olivaceo. Spermatis ellipticis utrinque obtusiusculis, quandoque inæquilateralibus, hyalinis, $4-5 \approx 2$.

Hab. Ad folia putrida *Lemnæ minoris prope Conegliano*, aut. 1878.

120. **Ascochyta aquatica** Speg. Peritheciis minutis, 90-100, subepidermicis, contextu parenchymatico, densiusculo, olivaceo, ostiolo parvulo pertuso. Spermatis oblongo-ellipticis, medio 1-septatis, ad septum non vel vix constrictis, dilute chlorinis, $7-9 \approx 2-3$.

Hab. Ad folia putrida *Lemnæ minoris prope Conegliano*, æst. 1879.

121. **Ascochyta chlorospora** Speg. Peritheciis subepidermicis maculis griseis, rotundis innatis, lenticularibus, minutis, 80-90, ostiolo latiusculo pertusis; spermatis ellipticis, medio 1-septato-constrictis, dilute chlorinis, $10-12 \approx 3\frac{1}{2}$.

Hab. In foliis languidis *Pruni domesticæ, a Belluno*, Oct. 1878.

122. **Hendersonia charticola** Speg. Peritheciis innatis, lenticularibus vel subglobosis, primo tectis dein erum-

pentibus, 120–150, contextu membranaceo—parenchymatico denso, fuligineo, subopaco; stylosporibus oblongo—ellipticis, quandoque clavulatis, 4—septatis, ad septa leniter constrictis, septo longitudinali quandoque donatis, $40 \approx 15-16$, primo fumose hyalinis, dein subfuscescentibus.

Hab. Ad chartam stercoratum putrescentem a *Conegliano*, in locis umbrosis aut. 1878.

123. **Hendersonia martialis** Speg. Peritheciis lenticulari—conoideis, minutis, 120–150 micr., sparsis, subepidermicis, ostiolo papilliformi vix exerto, contextu parenchymatico—celluloso, fusco—olivaceo; conidiis oblongo—ellipticis utrinque obtusiusculis, 2—3septatis, ad septa plus minusve constrictis, pallide olivaceis, 12–18 \approx 5–6.

Hab. Ad caules emortuos *Staticis Limonii* in *Campo Martis*, Venetiis, 25 Mart. 1879.

124. **Diplodia Macluræ** Speg. Peritheciis nunc sparsis, nunc in acervulos aggregatis, primo epidermide tectis, dein erumpentibus atque ab ea cinctis; stylosporibus ovoideis, 23–25 \approx 8–11, in sterigmatibus parvulis, 10 \approx 3, acrogenis, primo continuis, guttulatis, luteolis, dein medio 1—septatis non vel vix constrictis, obscure fuligineis.

Hab. In ramulis emortuis *Macluræ aurantiacæ a Susegana*, Sept. 1876.

125. **Diplodia Iulibrissin** Speg. Peritheciis primo subepidermide nidulantibus, dein erumpentibus, nigricantibus, subglobosis, papillatis. Stylosporibus, 20–25 \approx 10–12, dense fuligineis, medio 1—septato—constrictis.

Hab. In ramulis emortuis *Albizziæ Iulibrissin a Conegliano*, aut. 1876–78.

126. **Diplodia Ailanthina** Speg. Peritheciis subglobosis, olivaceo—fuscis, papillatis, 200–250, subepidermicis, vel ligno decorticato parallele dispositis, ostiolo perforatis. Stylosporibus fuligineis, 20 \approx 7, 1—septatis ad septum non vel vix constrictis.

Hab. In ramulis emortuis *Ailanthi glandulosæ*, a *Conegliano*, aut. 1876–78.

127. **Diplodia Sophoræ** Speg. Peritheciis subepidermicis globosis, nigricantibus, ostiolo minuto pertusis, rugulosis. Stylosporibus oblongo-ellipticis vel ovoideis, 1-septato-constrictis, fuliginosis, 20–22 \approx 10–12.

Hab. In ramulis emortuis *Sophoræ japonicæ* a *Conegliano* et *Susegana*, Oct. 1876–77.

128. **Diplodia Photiniæ** Speg. Peritheciis hemisphaericis, subepidermicis, carbonaceis. Stylosporibus ochraceo-fuliginosis non vel 1-septatis, crassiuscule et obscurius tunicatis, quandoque 1-2guttulatis, 22 \approx 12–14, ad septum sæpius non constrictis.

Hab. In foliis dejectis, putrescentibus *Photiniæ serrulatae*, a *Conegliano*, Oct. 1877.

129. **Diplodia Althææ** Speg. Peritheciis superficialibus, hemisphaerico-conoideis, ostiolo papillato acutiusculo donatis, 250–300. Stylosporibus fuliginosis, ellipticis, utrinque obtusis, 1-septatis, non vel vix constrictis, 16–20 \approx 8–9.

Hab. In caulibus emortuis putrescentibus *Althææ roseæ* a *Conegliano*, Oct. 1877.

130. **Diplodia Lagerstrœmiæ** Speg. Peritheciis atris, papillulatis, sublenticularibus, erumpentibus, 200–250, ostiolo late hiante pertusis; stylosporibus opace olivaceo-fuliginosis, 1-septatis ad septum non vel vix constrictis, utrinque obtusiusculis, 18–20 \approx 8–10.

Hab. In ramulis emortuis dejectis *Lagerstrœmiæ indicæ*, a *Conegliano*, Aug. 1878.

131. **Diplodia Calycanthi** (Schw?) Speg. *Sphaeria Calycanthi* Schw?) Peritheciis subepidermicis, erumpentibus, atris, lenticularibus, rugulosis, 200–300. Stylosporibus primo luteolis dein olivaceo-fuscis, 1-septato-constrictis, ovoideis vel ellipticis, 19–22 \approx 9–10.

Hab. In ramulis emortuis *Calycanthi floridi* a *Conegliano*, æst. 1877.

132. **Diplodia Taxi** (Sow.) Fuck. *Symb. myc.* p. 394.

Hab. Ad folia emortua *Taxi baccatæ* a *Susegana*, aut. 1876–78.

133. **Diplodia Æsculi** Lév — Fuck. Symb. myc. p. 394.
Hab. Ad ramulos emortuos Æsculi Hippocastani a Conegliano, vere 1879.
134. **Diplodia Catalpæ** Speg. Peritheciis subepidermicis, tectis, dein erumpentibus, globosis, atris, papillulatis. Stylosporibus oblongo—ellipsoideis, medio 1—septatis, non constrictis, fuligineo—olivaceis, 20—22 \approx 8—11.
Hab. In ramulis emortuis Bignoniæ Catalpæ a Conegliano, aut. 1877.
135. **Diplodia Nerii** Speg. Peritheciis lenticularibus, subepidermicis, dein erumpentibus, atris, 200—250. Stylosporibus ovoideis vel ellipticis, 1—septato—constrictis, olivaceo—fuligineis, 18—22 \approx 8—10.
Hab. In ramulis et petiolis foliorum Nerii Oleandri, a Conegliano, aut. 1876.
136. **Diplodia Oleandri** Speg. Peritheciis laxè gregariis, circinatim dispositis (an semper?), globosis, tectis, prominulis, ostiolo papillato exerto donatis, 200—300. Stylosporibus ellipticis vel ovoideis, fuligineo—olivaceis, subopacis, 25—30 \approx 10—14, continuis, sterigmatibus hyalinis, 8—10 \approx 5—6, suffultis.
Hab. Ad folia dejecta Nerii Oleandri a Conegliano, vere 1879.
137. **Septoria Ornithogali** Pass. in Thuem. Mycoth. Univ. n. 496. *S. Ornithogali* Oudm. Aanw. V. de Flr. Myc. v. Nederland n. 6 pag. 6. *S. Ornithogali* Speg. Decades Myc. Ital. n. 20.
Hab. In apicibus foliorum Ornithogali umbellati, a Conegliano, vere 1879.
138. **Septoria littoralis** Speg. Peritheciis 5-8 gregariis primo tectis dein erumpentibus, subsuperficialibus, globosis, atris, ostiolo papillato, sicco umbilicato, donatis; contextu membranaceo, densissime parenchymatico, fuligineo—atro. Spermatibus cylindræis, rectis vel curvulis apice rotundatis, basi subtruncatis, 50—65 \approx 3 $\frac{1}{2}$ —4, 3—septatis, pluri—guttulatis, hyalinis in sterigmatibus, ampulluliformibus (ut hyphæ *Chalaræ Ampullulæ*), guttulatis, 10 \approx 4—5, hyalinis.
Hab. In pagina interna vaginarum Phragmitis

communis in insula *Lido* dicta, apud Venetias, Martio 1879.

39. **Sacidium Venetum** Speg. Peritheciis sparsis, superficialibus subglobosis, 200—250 micr., atro—cærulescentibus, nitidulis, astomis, contextu atro—fuligineo, punctulato; spermatiis ellipticis, crassiuscule tunicatis utrinque rotundatis, 12--15 × 8—9, chlorino—flavidis, eguttulatis.

Hab. Ad folia viva *Salicis purpureæ*, a *Conegliano*, aut. 1877, rarissime.

Obs. Contextu perithecorum cum *S. Spegazziniano* perfecte congruit. Ego iterum *S. Spegazzinianum* legi in caulibus emortuis *Urticæ dioicæ* a *Conegliano*, æst. 1877.
