

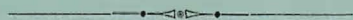
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F-1888

Extractus ex „ANNALES MYCOLOGICI“
(vol. III, No. 6, 1905)

Notae mycologicae

auctore **P. A. Saccardo.**



BURG B. M.
Druck von A. Hopfer.

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Series VI.¹⁾

I. Fungi Passeriniani.

Diagnoses nonnullae mycetum a cl. professore Passerini primis suis temporibus editae mensuris partium fructificationis carent. Cum cl. professor C. Avetta specimina originalia in herbario Parmensi asservata benevole ad me miserit, ea microscopio subjeci et notas de iis sequentes modo refero.

a) *Teleomycetae*.

1. *Mycena mamillata* Pass. — Syll. fung. V, p. 299. — Sub Abietibus, Ferlaro (Parma). — Sporae ellipsoideae, basi breve apiculatae, hyalinae, 6,5—7 \approx 4,5.

2. *Marasmius epichloë* Fr. — Syll. fung. V, p. 559. — *M. gramineus* Lévl., Passerini in N. Giorn. bot. ital. 1872, p. 111. — Sporae ovoideae, basi breve apiculatae, hyalinae, 6 \approx 4, obsolete guttulatae.

3. *Marasmius oreadoides* Pass. — Syll. fung. V, p. 506. — Sporae ellipsoideae, basi vix apiculatae, 6 \approx 3—3,5, hyalinae.

4. *Hygrophorus intermedius* Pass. — Syll. fung. V, p. 418. — Sporae minute asperulae, hyalinae, ovoideae, basi brevissime apiculatae, 6—7 \approx 4—5.

¹⁾ Vide: Ann. mycol. III, 1905, p. 165.



5. *Hypholoma Artemisiae* Pass. — Syll. V, p. 1037. — Sporae purpureo-brunneae (castaneae), ellipsoideae, basi apiculatae, $8 \approx 4,5-5$.

6. *Hydnum jonides* Pass. in N. Giorn. bot. ital. 1872, p. 157 (in Sylloge deest). — Pileo carnoso, tenui, pallide terreo, levi v. tandem vix flocculoso, explanato; stipite levi superne aculeis abortivis punctato, basi attenuato, concolori, aculeis brevibus primo concoloribus, dein ferrugineo-fuscescentibus; carne molli, valde friabili, fracta et secta eximie violacea!, sapore et odore debilibus, gratis (Pass.); sporis globosis, breve tenuiter spinulosis, $3-3,2 \mu$ diam., hyalinis (Sacc.).

Hab. in castaneto, Collecchio (Parma).

7. *Trichopeziza Cookei* (Pass.) Sacc. — Syll. fung. VIII, p. 412. — Asci clavati longiuscule tortuoseque filiformi-stipitati, $40-45 \approx 5$, octospori, paraphysibus filiformibus obvallati; sporidia (matura?) subdisticha, cylindracea, saepe curvula, $4-5 \approx 1$, septo genuino nullo viso.

8. *Niptera Coriariae* (Pass.) Sacc. Syll. fung. VIII, p. 484. — Asci copiose filiformi-paraphysati, $50-60 \approx 6$, teretiuseculi, brevissime stipitati; sporidia fusioidea, recta v. curvula, oblique monosticha v. subdisticha, $9-12 \approx 2$, obsolete 1-septata (sed immatura visa).

9. *Blytridium enteroleucum* Pass. — Syll. fung. VIII, p. 803. — Asci cylindricei, brevissime stipitati, filiformi-paraphysati, $125-130 \approx 20-23$; sporidia oblongo-ellipsoidea, utrinque rotundata, hyalina, $30-34 \approx 10$, plerumque quaterna, dense 8-11-septato-elathrata, septis distinctioribus 5, ad septa constrictulis. Ascumata distincte rugosa. — Non v. vix differt a *Bl. caliciiformi*.

10. *Sphaerella circumdans* Pass. — Syll. fung. I, p. 484. — Perithecia $150-180 \mu$ diam., minute cellulosa, ostiolo 30μ diam., impresso. Asci crassi oblongo-obclavati, $48 \approx 16-20$; sporidia inordinata, 2-4-sticha, octona, fusioidea, recta v. curvula, $16-19 \approx 4,5-5$, hyalina, 1-septata, non constricta.

11. *Sphaerella Winteri* (Pass.) Sacc. Syll. fung. I, p. 484. — Perithecia $80-100 \mu$ diam., ostiolo rotundo $15-18 \mu$ diam., impresso, contextu minute parenchymatico, olivaceo-fuligineo. Asci rosulati, clavati, brevissime stipitati, 8-spori, $35-40 \approx 8$; sporidia disticha, fusioidea, recta v. curvula, 1-septata, non constricta, $12-15 \approx 2,5-3$.

12. *Plowrightia Massariae* (Pass.) Sacc., *Epicymatia Massariae* Pass. — Syll. fung. I, p. 573. — Stromatibus pulvinatis in ostiolo *Massariae* parasiticis, vix 1 mm latis, nigris, subcorneis, intus minute pluri-locellatis, loculis excipulo proprio carentibus, 80μ diam., pallidis; ascis oblongo-cylindraceutis, facile diffluentibus, paraphysibus filiformibus fuscellis copiose obvallatis; sporidiis fusioideo-oblongis, utrinque obtuse tenuatis $12-16 \approx 6-7,5$, rectis, 1-septatis, non constrictis, hyalinis, faretis. Status pyrenidicus (*Placosphaeria Massariae* Sacc. sp. n.). Stromatibus illo ascophoro similibus, intus inaequaliter plurilocellatis, loculis parvioribus, majoribus et forma

irregularibus; sporulis oblongis, curvulis, utrinque obtusulis, hyalinis, 12—15 \approx 4—5; basidiis fasciculatis, acicularibus, 25 \approx 1,5—2, hyalinis.

Hab. in ostiis *Massariae Curreyi* ad ramos *Tiliae* in viridario publico, Parma. Species inter *Dothideaceas* eximia et vere peculiaris ob parasitismum in *Pyrenomyces*.

13. *Mollisia microstigma* Pass. — Syll. fung. VIII, p. 325 — et *Sphaerella parvimacula* Pass. — Syll. I, p. 483. Ex exempl. harum specierum *Passerinianis* nil certi eruere potui.

b) *Deuteromyces*.

14. *Microdiplodia Siliquastris* (Pass.) Sacc. et D. Sacc. Syll. fung. XVIII, p. 325. — Sporulae obovoideae, 14—16 \approx 8, ad septum non v. vix contractae, fuligineae; basidia bacillaria, hyalina — *Diplodia Siliquastris* West. — Syll. III, p. 336 — est genuina *Diplodiae* species.

II. Fungi belgici.¹⁾

a) *Teleomyces*.

15. *Calloria minutula* Bomm. Rouss. Sacc. — Dense gregaria, superficialis, obconica dein concaviuscula, glabra, subtremelloidea, 90—200 μ diam., lignicolor; ascis clavatis, 45—60 \approx 6, subsessilibus, octosporis; paraphysibus filiformibus, parum distinctis, ascos non superantibus; sporidiis ex ovoideo breve fusoides, monostichis, 7—9 \approx 4, uniseptatis, saepe 2-guttulatis, hyalinis.

Hab. in disco truncorum *Alni glutinosae*, La Panne, Furnes. Martio 1899.

16. *Ascophanus belgicus* B. R. S. — Ascomatibus sessilibus, glabris, 1—2 mm diam., sparsis v. subconfluentibus, hemisphaericis, mox disco planiusculo, papillato, initio fulvis, dein purpurascens, denique atrobrunneis, margine reflexo undulato; ascis cylindraceutis, apice obtusis, breve noduloso-stipitatis, 75—90 \approx 10, stipite 14—16 μ longo; paraphysibus copiosis, asco longioribus, 2—3-furcatis clavula interdum proliфера hyalina terminatis; sporidiis monostichis, ellipsoideis, continuis, crasse 1-guttatis, hyalinis, 10—12 \approx 8—10.

Hab. in fimo *Cuniculorum*, La Panne, Furnes, Aprili 1904.

Pteromyces B. R. S. (Ety. *pteron* ala et *myces*). Ascomata perexigua, depresso globulosa, tenuissime carnosula, pallide colorata, supra circulariter dehiscens et discum (nucleum?) pallidiorem ostendens; excipuli contextu tenuissime pseudoparenchymatico, margine subintegro non reflexo nec vere distincto. Asci e basi fasciculati, clavulati, subsessiles, octospori, paraphysibus bacillaribus cincti. Sporidia ovoidea, continua, hyalina,

¹⁾ Cf. *Dominae* M. Rousseau et E. Bommer mycetes nonnullos novos in Belgio detegerunt et accurate descripserunt; ego exemplaria comparavi et species recognovi.

minuta — Genus pulchellum *Orbiliae* et *Pezizellae* subaffine sed ascomate diu (ut videtur) urceolato et margine proprio carente nec non habitatione peculiari statim dignoscitur. Inter Bulgariaceas prope *Orbiliam* interim locandum videtur.

17. *Pteromyces ambiguus* B. R. S. — Ascomatibus dense gregariis v. confertis, depresso-globosis, perexiguis, 70—100 μ diam., e fulvescenti dilute roseis, glabris, sessilibus, initio subcuticularibus, disco pallidiore, contextu laxiuscule et tenerrime celluloso, fulvo-rubescenti; ascis ex obovoideo demum clavulatis, basi breve tenuatis subsessilibus, apice rotundatis integris, non foveolatis, 18—22 \times 7—8, octosporis; paraphysibus bacillaribus, sursum tenuiter clavulato-incrassatis, saepe curvatis ascum paullo superantibus; sporidiis distichis, ovoideis, hyalinis, intus faretis, 3—4 \times 1.5—2, extra ascos 6 \times 3.

Hab. sub cuticula v. membranula caulis penarum subputrescentium Phasiani, La Panne, Furnes, Martio 1904. Socia adsunt *Phoma ornithophila* (Cfr. infra) et *Fusarium gallinaceum* Cooke et Harkn.

18. *Ascocorticium albidum* Bref. — Syll. fung. X, p. 41 — var. *aphthosum* B. R. S. — Effusum, sparsum v. confluens, submembranaceum, lenticulare, $\frac{1}{3}$ — $\frac{3}{4}$ mm, cinereum, margine pallidiore; ascis sessilibus, verticaliter stipatis, aparaphysatis, ellipsoideo-oblongis, octosporis; sporidiis hyalinis, ellipsoideis, 6 \times 2.5.

Hab. in cortice interiore Pini silvestris, Westmalle, Sept. 1900.

19. *Rosellinia* (Coniochaete) *geophila* B. R. S. — Peritheciis sparsis v. interdum dense gregariis, conoideis, 300—350 μ diam., carbonaceis, nigris, setulis rigidis, continuis, levibus, apice acutulis, fuliginis 45—60 \times 4—4.5 undique ornatis, in mycelio e pilis flexuosis, septatis olivaceis formato semi-immersis; contextu carbonaceo; ascis cylindraceutis, tenui-tunicatis, octosporis, 156—200 \times 15—17, paraphysibus granulosis confusis obvallatis; sporidiis monostichis, ellipsoideis, 24—30 \times 12—14, opace fuliginis.

Hab. ad terram arenosam inter muscos, La Panne pr. Furnes, Nov. 1900. Species praedistincta, forte e radiculis *Barbulae* sp. oriens.

20. *Sphaerella Asperifolia* B. R. S. — Peritheciis globulosis, epiphyllis, innato-prominulis, nigris, minutissimis, dense approximatis, levibus, 50—75 μ diam., poro latiusculo pertusis; ascis clavato-oblongis, sessilibus, rosulatis, aparaphysatis, 28—30 \times 5—6; sporidiis distichis, fusoides, curvulis, medio 1-septatis, non v. vix constrictis, utrinque acutiusculis, 8—9 \times 2—2.5, hyalinis.

Hab. in foliis emortuis *Cynoglossi*, La Panne pr. Furnes, Sept. 1904. Forte initio in foliis nondum emortuis maculas generat.

21. *Amphisphaeria ericeti* B. R. S. — Peritheciis globulosis, sparsis, innatis dein semi-emergentibus, levibus, 260—300 μ diam., poro latiusculo apertis, nigris; ascis clavato-cylindraceutis, 70—80 \times 9—11, breve noduloso-stipitatis, octosporis; paraphysibus filiformibus ascos superantibus; sporidiis

distichis, breve fusoides, plerumque curvulis, 12—18 \approx 4—5, brunneis, medio 1-septatis constrictisque, loculo infero attenuato, supero crassiore et obtusiusculo.

Hab. in ligno canescente Callunae vulgaris, Calmpthout pr. Anvers, Oct. 1902.

22. *Metasphaeria arenaria* B. R. S. — Peritheciis globosis, subcarbonaceis, seriatis erumpentibus, 300 μ diam., ostiolo 30 μ diam. dehiscens, basi hyphis repentibus parce septatis, fuliginosis 4 μ cr. elongatis scabris cinctis; ascis tereti-clavulatis, noduloso-stipitatis, 90—150 \approx 14—16, octosporis; paraphysibus cohaerentibus, articulatis, 5,5 \approx 7 μ cr.; sporidiis distichis lanceolato-fusoides, initio 1-septatis, denique 3-septatis constrictisque, hyalinis, 39—42 \approx 6—6,5, loculis 2-guttulatis.

Hab. in culmis Elymi arenarii, La Panne pr. Furnes et Knocke pr. Heyst, Sept. 1897 et 1904.

b) *Deuteromycetae.*

23. *Phoma ornithophila* B. R. S. — Pycnidiis subsparsis, saepeque dense approximatis, subcuticularibus, prominulis, demum superficialibus, sphaeroideo-depressis, atris nitidulis, 240—320 μ diam. breve obtuse papillatis, pertusis; contextu minute parenchymatico fuligineo; sporulis ellipsoideis, 9—12 \approx 4—5, hyalinis, 2-guttulatis; basidiis bacillaribus, simplicibus v. furcatis, 12—15 \approx 2—3.

Hab. in caule pennarum subputrescentium Phasiani, Hirundinis, La Panne pr. Furnes Apr. 1904. Socius saepe adest *Pteromyces ambiguus*.

24. *Coniothyrium arenarium* B. R. S. — Pycnidiis sparsis, depresso-globulosis, 300 μ diam., epidermide denigrata denique irregulariter fissa velatis, emergentibusque, contextu pseudo-parenchymatico praeditis, nigris, nitidulis, non v. vix papillatis; sporulis ovoideis, pallide brunneis, obsolete guttulatis, 9—12 \approx 5—6; basidiis validis sed confusis.

Hab. in culmis emortuis Ammophilae arenariae, Knocke pr. Heyst, Sept. 1897.

25. *Sphaeronaema spiniforme* B. R. S. — Pycnidiis verticaliter elongatis, spiniformibus, compressis, brunneis, glabris, molliusculis, siccitate rigido-fragilibus, sursum obtuse tenuatis, saepe albidis, 3—4 mm alt. basi inflatis, 1,5—2 mm lat.; contextu partis inferioris minute globuloso-celluloso, superioris subprosenchymatico pallidioris et in fibras hyalinas flexuosas conglutinatas abeunte; sporulis cylindratis rectis, sed saepius curvulis, 4—5 \approx 1,5—2, hyalinis; basidiis 30—45 μ long., septatis, paniculato-ramosis.

Hab. ad caules emortuos Adenostylidis albifrontis, Paneveggio agri Tridentini Junio 1904 (J. Bommer). Ad genus *Glutinium* fere aequo jure trahi potest.

26. *Discella Betulae* B. R. S. — Pycnidiis sub-epidermicis, disciformibus, astomis, epidermide fissa cinctis, nigricantibus, glabris, intus pallide griseis,

500—600 μ diam.; sporulis fusoides, utrinque acuminatis, rectiusculis, medio 1-septatis, non constrictis, 12—17 \approx 2,5—3, hyalinis, in basidiis dense fasciculatis, filiformibus arrecto-ramosis, 40—50 μ long. acrogenis.

Hab. in ramis junioribus emortuis, corticatis Betulae albae, Houffalige, Sept. 1903.

27. *Patellina mellea* B. R. S. — Pycnidiis discoideis, ambitu orbiculatis v. rarius confluenso elongatis, sessilibus, submarginatis, disco convexo carnosio-ceraceo, 300—500 μ diam., albido-melleo, in sicco flavo-succineo; sporulis globosis, numerosissimis, hyalinis, 1,5—2 μ diam., in basidiorum filiformium 60 μ long. ramis copiosis breviusculis, 9—15 μ long. erectis densis acrogenis.

Hab. ad corticem Pini silvestris, Hestreux, Sept. 1890.

28. *Cylindrocolla caesia* B. R. S. — Sporodochiis gregariis, applanato-effusis, ambitu suborbicularibus v. plus minus elongatis, subgelatinosis, griseo-prasinis, margine albo subbyssino; conidiis cylindraceutis, subrectis, utrinque obtusulis minuteque 1-guttulatis, 8—10 \approx 1—1,5, in conidiophoris filiformibus, subramosis, 25—30 \approx 1, acrogenis et catenulatis.

Hab. ad caules emortuos Umbelliferarum. Verviers, 1900.

III. Mycetes varii.

a) *Teleomycetae.*

29. *Perisporium macrocarpum* Sacc. — Peritheciis gregariis v. hinc inde dense confertis, superficialibus, globosis v. leviter depressis, astomis, majusculis, 1 mm. diam., carbonaceis, opace nigris, fragilibus, superficie denique minute foveolato-areolatis; contextu subcarbonaceo, atro, parum distincto; ascis? . . . jam resorptis; sporidiis oblongo-cylindraceutis 4—5-articulatis, 40 \approx 9—11, ad septa constrictis, articulis initio subcuboideis, mox vero globulosis, 9—11 μ diam. fuligineo-nigricantibus.

Hab. in disco atrato putrescente arboris (*Piri?*) in agro Tarvisino (Treviso) Ital. bor. Legi cum amico Spegazzini multis abhinc annis sed, ascis ignotis, descriptionem ejus praetermisi; tamen a ceteris generis speciebus omnino differt praesertim peritheciis majoribus areolatis, sporidiis majoribus etc.

30. *Didymosphaeria victoriensis* Sacc. — Peritheciis gregariis, subcutaneis, globosis, nigricantibus, crassiuscule membranaceis, $\frac{1}{3}$ mm. diam., ostiolo obtuso brevissimo parce erumpente; contextu e cellulis 8—10 μ diam. rufo-fuligineis formato; ascis cylindraceutis, breve noduloso-stipitatis, 8-sporis, apice rotundatis, 85—95 \approx 15—16, paraphysibus crassiuscule filiformibus, ascos non excedentibus, parvis; sporidiis ovoideo-oblongis distichis v. oblique monostichis, medio constricto-1-septatis, 19—22 \approx 9, utrinque rotundatis loculo sup. interdum paullo crassiore, olivaceo-fuligineis.

Hab. in caulibus emortuis Artemisiae camphoratae, Vittorio (Treviso) Ital. bor. Sept. 1905. Affinis *D. permutatae*, *D. pulchellae* etc.

31. *Massaria Piri* Otth — Syll. fung. II, p. 4.

Hab. in ramis corticatis Piri Mali, Selva (Treviso) Ital. bor. Aug. 1905. — Asci ampli, apice truncati, 160—180 \times 20—25, octospori, filiformi-paraphysati; sporidia fusoidea, magna, 50—55 \times 10—12, strato mucoso tenui obvoluta, medio 1-septata crasseque 4-nucleata, nucleis centralibus globoso-angulosis, extimis longe conoideis, diu hyalina, demum olivacea.

32. *Didymella involueralis* (Pass.) Sacc., *Metasphaeria involueralis* (Pass.) Sacc. Syll. fung. II, p. 172. Ex spec. orig. in Rabenh. F. Eur. 1632: Asci 50—55 \times 6—8; sporidia 12—13 \times 3—3,2, ex hyalino dilutissime flaveola, medio constricto 1-septata, 4-guttulata nec 3-septata, ut auctor habuit; hinc *Didymellae* nec *Metasphaeriae* species.

33. *Teichospora trubicola* Fuck. — Syll. fung. II, p. 292. — *T. Notarisii Sacc. et Trav. — Peritheciis sparsis v. approximatis $\frac{1}{4}$ mm e basi adnata superficialibus, globulosis, demum collabascendo leviter concavis, levibus, nigris, carbonaceis, ostiolo minute papillato, perforato; ascis tereti-clavatis, breve crassiuscule stipitatis, octosporis, filiformi-paraphysatis, 50—70 \times 13—14; sporidiis monostichis v. imperfecte distichis, oblongo-ovoideis, utrinque rotundatis, constricto 3-septatis, loculis 1—2 longitrorsum partitis, fusco-olivascensibus.

Hab. in ligno quercino putri, Mediolani Ital. bor. (De Notaris herb. c. icon. in Instituto bot. romano). A typo differt peritheciis demum collabentibus, sporidiis paullo longioribus, ascis paullo brevioribus et crassioribus.

34. *Ophiobolus incomptus* (Car. et De Not.) Sacc. Syll. fung. II, p. 353. In exemplari Notarisiano orig. (in herb. Instituto bot. romani) asci sunt 150—170 \times 10—12; sporidia bacillaria, hyalina, circiter 12-septata, 110—120 \times 3.

35. *Cenangella Rhododendri* (Ces.) Rehm Disc. p. 230, *Niptera Rhododendri* Ces. et De Not. — Syll. VIII, p. 482.

Hab. in capsulis morientibus Rhododendri ferruginei in montibus supra Agordo, Sept. 1905 (*Antonia Saccardo*). Asci 55—60 \times 9; sporidia oblonga, constrictulo-1-septata, 16 \times 4—5, hyalina. Pulcherrima species, certe ad genus *Nipteram* nutans.

36. *Pleomassaria allospora* (Otth) Jacz. — Syll. XI, p. 321.

Hab. in cortice Castaneae pr. Genova Ital. bor. Jul. 1866 (De Notaris in herb. Instituti bot. romani). — Perithecia globosa, leviter depressa, 800 μ lat., 500 μ alta, coriaceo-carnosula, tota immersa, ostiolo subplano non v. vix emergente; asci teretes, apice rotundati, deorsum sensim tenuato-stipitati, 160—170 \times 13—16, crassiuscule stipitati, octospori; sporidia oblique monosticha ellipsoideo-oblonga, 25—30 \times 10—11, tenuiter 3-septata, non constricta, dilute fuliginea, loculis crasse 1-nucleatis, v. horizontaliter binucleatis simulateque longitrorsum partitis. A typo fraxinicola paullulum recedere videtur ostiolo magis depresso, sporidiisque paullo longioribus et muco parvissimo obductis.

b) *Deuteromycetae*.

37. **Phyllostiota montellica** Sacc. — Maculis amphigenis, e rotundo angulosis, atrosanguineis, centro arescendo candicantibus; pycnidiiis plerumque epiphyllis, punctiformibus, lenticularibus 80—90 μ diam., poro rotundo pertusis; sporulis oblongo-ellipsoideis 4—5 \approx 1,5, hyalinis, intus granulosis.

Hab. in foliis vivis Melittidis Melissophylli in silva Montello (Treviso) Ital. bor. Aug. 1905. — *Phyll. Melissophylli* differt sporulis 6 \approx 4.

38. **Phoma Gentianae** J. Kühn — Syll. III, p. 120.

Hab. in caulibus emortuis Gentianae ciliatae in M. Cenisio, Aug. 1904 (P. Voglino). — Sporulae breve fusioideae, subsessiles, 7—8,5 \approx 2,5, hyalinae.

39. **Phomopsis Fourcroyae** Sacc. — Pycnidiiis gregariis, amphigenis, globoso-depressis, subcutaneis vix erumpentibus, 150—160 μ diam.; ostiolo obsoleto depresso, irregulariter dehiscente, epidermide punctiformi-subclavata alba tecto; sporulis tereti-oblongis, saepius curvulis, utrinque obtusulis, 6—8 \approx 3,5—3, 2-guttulatis, hyalinis; basidiis acicularibus, sursum tenuatis, 14 \approx 2, demum secedentibus curvulis.

Hab. in foliis emortuis Fourcroyae giganteae in horto botanico Cagliari Sardiniae (X. Belli).

40. **Pyrenochaeta** (Trichocicinnus) **erysiphoides** Sacc. — Biophila, hypophylla, laxe gregaria; pycnidiiis omnino superficialibus, globulosis, subastomis, vertice obtusis, 150—160 μ diam., ubique setulosis; contextu tenui-membranaceo, 1-stratoso, olivaceo-fuligineo; setulis radiantibus, simplicibus, septatis, 80—125 \approx 4, atro-fuligineis, apice obtusulis, pallidioribus; sporulis sessilibus oblongo-cylindraceutis, rectis, utrinque rotundatis, obsolete 2-guttulatis, hyalinis, 3—4 \approx 2.

Hab. in pag. inf. foliorum vivorum Cirsii arvensis, Selva (Treviso) Ital. bor. Aug. 1905, copiose. Fungillus eximius, habitu omnino erysiphaceo, ob vitam parasiticam a typo distinguendus. Subgenus *Trichocicinnus* dixi quasi sit *Cicimobolus* setosus.

41. **Sphaeronaema curvirostre** Sacc. *Sphaeria curvirostra* De Not. in herb. Inst. bot. rom. c. icone, nec Fries. — Pycnidiiis late et laxe gregariis, subcutaneis, dein, epidermide secedente, expositis, e basi applanata globoso-conoideis, 300—400 μ diam., membranaceo-coriacellis, nigris, in rostrum fere aequilongum cuspidatum, saepe curvulum, interdum rugulosum productis, glabris; sporulis e fronte oblongo-ellipsoideis, rectis, 4 \approx 2, e latere curvulis angustioribus, 4 \approx 1, biguttatis, hyalinis; basidiis bacillaribus 5 \approx 0,5, hyalinis.

Hab. in caulibus emortuis herbarum majorum verisimiliter Compositae v. Umbelliferae cujusdam in M. Cenisio, 1838 (Dom. Lisa).

42. **Dothiorella Betulae** (Preuss) Sacc. — Syll. fung. III, p. 236, *Sphaeria conglobata* Sanguinetti in Herb. Instituti bot. romani, nec Fr. — Stromatibus transverse erumpentibus, oblongo-lanceolatis, peridermio laciniato cinctis.

2 mm long., vix 1 mm lat., superficie, ob ostiola prominula, colliculosis, nigris; pycnidiis immersis, globoso-ovoideis, monostichis, 150 μ diam., intus albis; sporulis oblongo-fusoideis, utrinque acutulis, rectis, 20 \approx 6, intus nubilosis, hyalinis; basidiis bacillaribus, 16—22 \approx 1,5, hyalinis.

Hab. in cortice Betulae albae in Horto botanico romano, majo 1851 (P. Sanguinetti). — *Sphaerocista Betulae* Preuss. etsi breviter descripta, eadem species mihi videtur.

43. *Dothiorella Pirottiana* Sacc. et Trav. — *D. pityophila* Bres. et Sacc. in Malp., 1897, p. 310 (in *Junipero*), nec Sacc. et Penz. in Mich. et in Sacc. Syll. III, pag. 238 (in *Pino*). — *Melanomma obtusum* stat. pyen. Comes Reliqu. micol. Notarisiane, no. 126 (1883). — Stromatibus dense sparsis, mox erumpentibus et subsuperficialibus, depressis, disciformibus, demum subcupuliformibus, basi leviter coarctatis, nigris, opacis, rugosis, $\frac{1}{2}$ —1 mm diam., intus dilute olivaceis vel albicantibus; loculis in quoque stromate sat copiosis (12—16), irregularibus, saepe angulosis, 100—200 μ diam., e stromatis superficie non vel parum emergentibus; basidiis stipatis, breviusculis, 10—12 \approx 2—3, hyalinis; sporulis cylindraceutis, utrinque attenuatis, rectiusculis, obscure biguttulatis, hyalinis (coacervatis dilutissime olivaceis) 7—10 \approx 2—2 $\frac{1}{2}$.

Hab. ad ramulos corticatos *Juniperi nanae*. Riva Valsesia Ital. bor., sept. 1863 (Carestia in herb. de Notaris et Saccardo). — Species a *D. Juniperi* (Fr.) Sacc. plurimis notis distincta. A *D. pityophila* typica, cui affinis, mox distinguitur stromatibus minoribus, disciformibus, saepe leviter cupulatis, basi plerumque nonnihil coarctatis, loculis multo minus prominentibus. Certe ad *Melanomma obtusum* minime pertinet; potius videtur est status pyenicus *Discomycetis* cuiusdam.

44. *Cytospora exigua* Sacc. — Amphigena, pusilla; stromatibus subglobosis, immersis, subunilocularibus, 150 μ diam., disco punctiformi initio albedo, dein nigricanti, epidermide arcte cincto; sporulis allantoideis, minutis, curvulis, hyalinis, 4—5 \approx 1; basidiis fasciculatis bacillaribus, 30—40 \approx 1, simplicibus v. arrecto-furcatis, hyalinis.

Hab. in foliis languidis Oleae europaeae cultae, Montello (Treviso) Ital. bor. Aug. 1905. — A ceteris speciebus oleicolis satis diversa.

45. *Diplodia Agrostidis* Sacc. — Pycnidiis hinc inde dense gregariis sub culmi vaginis praesertim nidulantibus dein expositis, et globoso-conoideis, $\frac{1}{4}$ mm diam., nigris, glabris, ostiolo papillato; sporulis ellipsoideo-oblongis, 1-septatis, non constrictis, utrinque obtuse tenuatis, 22—25 \approx 6,5—7, diu hyalinis, dein fuligineis; basidiis bacillaribus 25—30 \approx 2.

Hab. in culmis, praesertim ad nodos, *Agrostidis* albae, Montello (Treviso) Ital. bor. Aug. 1905. Affinis *Diplodiae Maydis*.

46. *Sporonema laricinum* Sacc. — Pycnidiis gregariis erumpenti-superficialibus, subdisciformibus, supra depressis, 300—400 μ diam., glabris, nigris, centro rimose v. radiatim dehiscentibus; nucleo farcto griseo-atro;

contextu crassiusculo, minute parenchymatico, fuligineo; sporulis sessilibus, ellipsoideis, utrinque acutulis, $4 \approx 2,5$, rectis, eguttulatis, hyalinis.

Hab. in ramis corticatis non omnino emortuis Laricis europaeae, Agordo (Belluno) Ital. bor. Aug. 1905 (Dom. Saccardo).

47. *Dinemasporium microsporum* Sacc. — Syll. fung. III, p. 684 — **D. pusillum* Sacc. Pycnidiiis $\frac{1}{4}$ mm diam., excipulo angustissime prosenchymatico, brunneo; setis 120—140 $\approx 4-5$, septulatis, aterrimis; sporulis allantoideis, 6,5—8 ≈ 2 , hyalinis, utrinque setula 6—7 ≈ 1 , obliqua auctis.

Hab. in foliis putrescentibus graminum, Selva (Tréviso) Ital. bor. (Antonia Saccardo).

48. *Colletotrichum Dracaenae* Allesch. Rab. Krypt.-Flora, Pilze, VII, p. 560.

Hab. in utraque pag. foliorum languidorum Dracaenae Sanderianae cultae in Horto bot. Patavino, Majo 1905. — Conidia oblongo-teretiuscula, 16—19 $\approx 4,5-5,5$ intus granulosa, hyalina; basidia 8—14 ≈ 2 ; setae 60—180 $\approx 6-7$, septatae, fuligineae.

49. *Septomyxa exulata* (Jungh.) Sacc. — Syll. III, p. 767.

Hab. in ramulis corticatis Salicis vitellinae pr. Liebenwalde prov. Brandenburg (Sydow). — Acervuli gregarii globoso-discoidei, 0,5 mm diam., subcutaneo-erumpentes. Conidia ellipsoideo-oblonga, 1-septata, non constricta, utrinque obtusula, 12 ≈ 4 , basidiis brevissimis suffulta, hyalina, coacervata dilutissime rosea, in massulas convexas sordide roseas, ceraceas expulsa. — Verisimillime est species javanica Junghunii sed auctor nullas conidiorum dimensiones affert.

50. *Coryneum Vogelianum* Sacc. — Acervulis longitrorsum dispositis, sublinearibus, 1 mm longis et confluendo 3—5 mm long., vix 0,5 mm lat., tectis, mox rimose erumpentibus, nigris; conidiis ellipsoideo-oblongis, 2-septatis, utrinque obtusulis, 16—20 ≈ 8 , ad septa non constrictis, subinde vero (ex exsiccatione) ad medios loculos leviter constrictis, dilute fuligineis, loculo inferiore dilutiore; basidiis bacillaribus, subhyalinis, 25—30 $\approx 2-2,5$, utrinque obtusis, fasciculatis.

Hab. ad ramulos emortuos corticatos Aceris campestris, Tamsel prov. Brandenburg, majo 1905 (P. Vogel). A *Cor. Negundinis* imprimis basidiis simplicibus dignoscenda species.

51. *Oospora necans* Sacc. et Trott. — Caespitulis candidis, byssinovelutinis, animalcula omnino obtegentibus; hyphis sterilibus repentibus, ramosis, intertextis, 2,7 μ cr. continuis, minute granulosis, hyalinis; ramis fertilibus seu conidiophoris acicularibus, 12—18 ≈ 1 , basi tenuiter inflatis, solitariis, v. saepius binis-quaternis verticillatis, continuis, hyalinis; conidiis breve catenulatis, mox deciduis, oblongis, rarius ellipsoideis, 3—4 $\approx 0,7-1$, hyalinis.

Hab. in toto corpore Pemphigi bursarii, quem occidit, intra gallas ab eo formatas ad ramulos Populi nigrae, Selva (Treviso) Ital. bor. — Species Augusto 1905 valde diffusa et mortem innumeris insectis modo

titatis causans. Gallae vero optime evolutae, magnae, numerosissimae, a Mucedinea minime vexatae.

52. *Hadrotrichum dryophilum* Sacc. — Caespitulis plerumque hypophyllis, in maculis arescendo fuscis, indefinitis, sparsis, perexiguis, punctiformibus 50—60 μ diam., superficialibus, nigricantibus; conidiophoris radiatim dense fasciculatis, cylindræo-oblongis, 20—25 \approx 3—3,2, continiis, olivaceis, apice rotundatis v. acutulis, monosporis; conidiis ellipsoideis v. obovoideis, rectis, continuis, dilute olivaceis, 9—10 \approx 6—6,5.

Hab. in pag. inf. foliorum languidorum *Quercus pedunculatae*, Montello (Treviso) Ital. bor. Aug. 1905. A speciebus congeneribus omnino diversa.

• 53. *Scolecotrichum graminis* Fuck. — Syll. fung. IV, p. 348 — var. *nanum* Sacc. A typo differt hyphis multo brevioribus, 30—50 \approx 4—5, conidiisque paullo minoribus, 30—32 \approx 6—6,5, utrisque olivaceo-fuligineis.

Hab. in foliis *Dactylidis glomeratae*, Agordo (Belluno) Ital. bor., Aug. 1905 (D. Saccardo).

54. *Cladosporium Laricis* Sacc. — Caespitulis punctiformibus, nigricantibus, erumpentibus, 80—150 μ diam., hypostromate minute celluloso pulvinate, crassiusculo olivaceo-fusco suffultis; conidiophoris ex hypostromate ascendentibus, simplicibus, rarissime sursum furcatis, filiformibus, septatis 30—60 \approx 4—5, olivaceis, apice pallidioribus; conidiis acrogenis, initio hyalinis minutis, 6 \approx 2,5, dein paullo majoribus aequè hyalinis et continuis 11—12 \approx 4—5, denique tereti-oblongis 1—4-septatis, non v. vix constrictis, 13—19 \approx 5—6, olivaceis.

Hab. in foliis adhuc vivis *Laricis europæae* quae inde flavescunt, arescunt et dilabuntur; Giogo di Scarparia (Mugello) in Appennino etrusco (Prof. V. Perona, commun. prof. H. Fiori). Species laricetis valde noxia.

55. *Clasterosporium Amygdalearum* (Pass.) Sacc.-Syll. fung. IV, p. 391.

Hab. in foliis *Pruni Cerasi*, Vittorio, Treviso Ital. bor., aestate 1905. Valde noxium. — Conidia 3—4-septata, leviter constricta, 35—38 \approx 10—12 fuliginea; conidiophora 25 \approx 5, cylindræa, 1-septata.

56. *Cercospora Crataegi* Sacc. et C. Massal. — Maculis praesertim hypophyllis minutis $\frac{1}{2}$ —1 mm diam. e rotundo angulosis, alutaceis, non discolori-marginatis; caespitulis minutis, parcis; hyphis fertilibus fasciculatis, cylindræis, subflexuosis, 1—2-septatis, sursum parce nodulosis, 30—40 \approx 3, dilute fuligineis; conidiis tereti-fusoideis, v. anguste obclavatis, 3-septatis, saepius curvulis, 18—28 \approx 2,5—3, hyalinis, demum dilutissime fuligineis.

Hab. in foliis adhuc vivis *Crataegi Oxyacanthae* in silvis di Veralta supra S. Mauro di Saline, Verona Ital. bor. Sept. 1905. Socia et verisimiliter metagenetica adest *Phyllosticta crataegicola*.

57. *Cryptocoryneum erumpens* Sacc. — Acervulis gregariis plerumque epiphyllis, diu epidermide tumidula nitida tectis, dein erumpentibus,

pulvinatis, 200—300 μ diam., basi hypostromate concavo excipulum dimidiatum fere formante, minute celluloso, fusco suffultis; conidiis paliformibus e pseudostromate oriundis, dense fasciculatis, sessilibus, apice rotundatis, plerumque 3-septatis, non constrictis, 30—32 \times 4—5, dilute ochraceis.

Hab. in acubus Taxi baccatae, Weimar Germaniae Oct. 1904 (H. Diedicke). Stirps ambigua ad Melanconiaceas vergens et ulterius inquirenda.



