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**Notae mycologicae.**

Auctore P. A. Saccardo.

Series XI<sup>1)</sup>.

**Fungi italici et gallici.**

**Teleomycetae.**

1. *Asterostroma Gaillardi* Pat. Expl. Scient. Tunisie Fung. t. V, fig. 4 — Syll. fung. XI, p. 128.

*Hab.* in cortice trunci secti udi Pini Laricionis in proximam arenam udam descendens, in calidariis Horti botanici patavini, Julio 1909 (Phil. Zanetti). — Cystidiorum fabrica mox distincta species: forte ex Tunisia in Italiam importata cum plantis exoticis cultis.

2. *Puccinia obtusa* Schroet. — Syll. fung. VII, p. 604.

*Hab.* in foliis *Salviae verticillatae*, Camaldoli Neapoli, Majo 1904 (L. Cufino).

3. *Uredo Scolopendrii* (Fuck.) Schroet. — Syll. fung. VII, p. 860.

*Hab.* in foliis languidis *Scolopendrii officinarum* prope Schio (Vicenza), Apr. 1909 (Prof. Marignoni).

4. *Ustilago neglecta* Niessl — Syll. fung. VII, p. 472.

*Hab.* in glumis (ovariis) *Setariae glaucae*, Selva di Volpago (Treviso) aestate 1890 (P. A. Saccardo).

5. *Tilletia decipiens* (Pers.) Koern. — Syll. fung. VII, p. 482.

*Hab.* in glumis *Agrostidis albae* v. *pumilae* in Silva Consiglio, alt. 1300<sup>m</sup>, Julio 1897 (Doct. D. Saccardo).

6. *Tilletia Vulpiae* Magnus, Verhandl. Zool. Bot. Gesell. Wien, 1899, p. 89, t. II f. 7—12! — Syll. fung. XVI, p. 373.

*Hab.* in ovariis *Vulpiae Myuri*, Litorale di Magnavacca (Ferrara), Junio 1909 (Doct. Aug. Béguinot).

7. *Sphaerella cuprea* Sacc. sp. n.

Maculis amphigenis, lateritio-cupreis, e circulari angulosis, 4—6 mm diam., confluentibusque, margine (praecipue in maculis epiphyllis) parum elevato, angustissimo nigricante cinctis; peritheciis dense gregariis globosis

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<sup>1)</sup> Vide: Annales mycol. VI, 1908, p. 553.



v. globoso-lenticularibus in epiphylo evidentioribus et nitidulis, 80—120  $\mu$  diam., poro centrali pertusis, nigricantibus; ascis fasciculatis oblongo-clavulatis, subsessilibus, apice obtusis, 35—50  $\approx$  6, aparaphysatis, octosporis; sporidiis subdistichis, fusoideis, utrinque obtusiusculis 14—15  $\approx$  2,5—2,7, medio 1-septatis, non constrictis, hyalinis, saepe curvulis.

*Hab.* in foliis languidis Ceratoniae Siliquae in Horto botanico neapolitano, Majo 1904 (L. Cufino) — A *Sphaerella Ceratoniae* Pass. videtur omnino diversa.

#### 8. *Underwoodia Campbellei* Sacc. sp. n.

Magna, fasciculata, albo-lactea, carnosa, sparassoides, ex laminis varie inflexis et longitrorsum connexis (ad instar stipitis *Helvellae lacunosae*) formata, hinc lacunoso-costata, ubique ascigera; hymenio 1 mm cr., strato subhymeniali celluloso modo crassiusculo, modo tenuissimo; ascis cylindricis longissimis, 270—320  $\approx$  7—8, p. sporif. 70—80  $\mu$  longa, apice obtusis operculatis, deorsum leniter tenuatis, octosporis; paraphysibus bacillaribus, apice vix incrassatis, pluriguttulatis, hyalinis; sporidiis oblique monostichis, ellipsoideis, 11—12  $\approx$  5,5—6, vix asperulis, intus granulosis, hyalinis.

*Hab.* in areis carbonariis derelictis, probaliter ex fragmentis ligneis infossis enascens, in silvis fagineis prope Sora (Caserta) Junio 1909 (Prof. C. Campbell). Caespites usque ad 15—18 cm crassi. Asci in hymenio non semper parallele stipati, sed saepius in fasciculos distinctos sub-orbiculares juncti. Tam haec species quam typica (*A. columnaris* Peck) videntur paradoxae, scilicet *Helvellae* v. *Gyromitreae* species ascomate omnino orbatae, stipitibus vero maxime evolutis confluentibusque: mirum vero stipites hos (revera pseudostipites!) omnino et ubique superficialiter ascigeros esse!

### Deuteromycetae.

#### 9. *Phyllosticta negundicola* Sacc. sp. n.

Maculis ochraceis, minutis, subangulosis, amphigenis, demum in epiphylo centro dealbatis; pycnidiis paucis epiphyllis, punctiformibus, 60  $\mu$  diam., centro pertusis; sporulis ellipsoideis, 4,5—5,5  $\approx$  2,8—3, hyalinis saepe 1-nucleatis.

*Hab.* in foliis Aceris Negundinis in Gallia 1908 (P. Hariot).

#### 10. *Phomopsis epicarpa* Sacc. sp. n.

Pycnidiis sparse gregariis, subcutaneo-erumpentibus, prominulis, nigris, globoso-depressis, 250—300  $\mu$  diam., intus cavis pallidis, ostiolo irregulari; basidiis filiformibus, subinde flexuosis, hyalinis, fasciculatis, 15—17  $\approx$  1,5; sporulis fusoideis, utrinque acutiusculis, rectis curvulisve, hyalinis, 8—9  $\approx$  2,5.

*Hab.* in leguminibus languidis Robiniae Pseudacaciae pr. Parisios, Jul. 1908 (P. Hariot) — *Ph. Pseudacaciae* affinis sed loco et habitu diversa.



11. *Ascochyta Rubi* Sacc. sp. n.

Maculis suborbicularibus, minutis, 1—2 mm diam., fusco-sanguineis, epiphyllis, non marginatis; pyrenidiis paucis lenticularibus, poro pertusis, 70—80  $\mu$  diam.; sporulis breve fusoides, utrinque obtusulis, 10—11  $\simeq$  2,5—3, medio septatis non constrictis, hyalinis v. subhyalinis.

*Hab.* in foliis languidis Rubi fruticosi v. discoloris in Horto botanico Neapolitano, Aug. 1904 (L. Cufino).

12. *Diplodia circinans* Berk. et Br. — Syll. fung. III, p. 371.

*Hab.* in foliis emortuis Yuccae gloriosae v. affinis in Horto bot. Neapolitano, Nov. 1906 (L. Cufino) — Sporulae atrofuligineae, 1-septatae, non v. vix constrictae, 25—28  $\simeq$  12—14.

13. *Stagonospora vexata* Sacc. — Syll. fung. III, p. 455 — var. *Baldingerae* Sacc. var. n.: sporulis paullo angustioribus, nempe 55—60  $\simeq$  5,5—6, plerumque tantum 7—8-septatis, hyalinis.

*Hab.* in foliis emortuis Baldingerae arundinaceae in Gallia, Sept. 1908 (P. Hariot).

14. *Septoria modonia* Sacc. sp. n.

Maculis amphigenis, minutis, subcircularibus, 1—2 mm latis, mox candidis fusco-purpureo-marginatis; pyrenidiis paucis, punctiformibus, atrobrunneis, pertusis, 60—70  $\mu$  diam.; sporulis bacillaribus, rectis curvulisve, utrinque rotundatis, 40—50  $\simeq$  2, haud guttulatis, continuis, hyalinis.

*Hab.* in foliis, raro caulibus Sonchi arvensis adhuc vivis, Meudon pr. Parisios, Sept. 1908 (P. Hariot). — A *Sept. sonchifolia*, *sonchina* et *Sonchi* diversa.

15. *Cylindrosporium septatum* Romell — Syll. fung. X, p. 503 — f. *Sii latifolii* Sacc. Conidiis praelongis sursum acutatis, 60—80  $\simeq$  4, hyalinis, spurie 8—10-septatis.

*Hab.* in foliis Sii latifolii, Mery sur Seine Galliae, Sept. 1908 (P. Hariot).

16. *Gliocladium elatum* Sacc. sp. n.

Candidum, gossypinum, laxum, breviter effusum; hyphis sterilibus repentibus paucis, conidiophoris omnibus arrectis, praelongis, 1500  $\simeq$  4—5, filiformibus, septatis, apice capitatis, capitulis globoso-ovatis, mucro interiore diu arcte conglutinatis et sub vitro opacis, acido acetico vero solutis; basidiis bis verticillatis, primariis et secundariis fasciculato-ternatis v. quaternatis; conidiis catenulatis exiguis, subglobosis, levibus, 2,5—3  $\simeq$  2,5, hyalinis.

*Hab.* in pileis vetustis udis subputrescentibus Schizophylli communis in calidariis Hort. botanici patavini, Apr. 1909 (Aug. Nallessio). Affine *Gl. Hypomycetis* Sacc. (= *Penicillio Hypomycetis* Sacc. Syll. IV, p. 80), differt vero conidiophoris 4—5-plo longioribus, etsi angustioribus, conidiis sphaericis, habitatione in Schizophyllo nec in Stereo.

17. *Didymaria lutetiana* Sacc. sp. n.

Effusa, griseola; maculis amphigenis, elongatis, arescendo albicantibus; conidiophoris obclavato-ampulliformibus, apice acutatis, 14—15  $\mu$  altis, deorsum 5  $\mu$  cr.; conidiis fusosideo-clavatis, deorsum acutatis, medio 1-septatis, non constrictis, hyalinis, 15  $\simeq$  4.

*Hab.* in foliis nondum emortuis *Brachypodii pinnati* circa Parisios, Sept. 1908 (P. Hariot).

18. *Mycogone rosea* Link Syll. IV, p. 183.

*Hab.* in pileo et stipite *Amanitae caesareae* pr. Sora (Caserta) Sept. 1909 (C. Campbell). — Ex eodem ipso mycelio enatum conspicitur *Diplodadium minus* Bon., quod jam viderat cl. Harz, Einige neue Hyphomyc., 1871!

## Fungi germanici.

## Teleomycetae.

19. *Physalospora Salicis* (Fuck.) Sacc. — Syll. I, p. 439 — v. *gregariella* Sacc. var. nov. Peritheciis late densiuscule gregariis; ascis tereti-fusoidis 50  $\simeq$  8; sporidiis oblongo-ellipsoideis, 14  $\simeq$  4—5.

*Hab.* in ramis morientibus *Salicis vitellinae*, Eichwalde pr. Berolinum (H. Sydow, n. 82).

20. *Sphaerella aquilina* (Fr.) Auersw. — Syll. I, p. 532. — f. *Aspidiorum* Sacc. n. f. Peritheciis hinc inde maculiformiter gregariis, epiphyllis, 70—80  $\mu$  diam.; ascis 32—34  $\simeq$  6—7; sporidiis 9  $\simeq$  2,5.

*Hab.* in frondibus languidis *Aspidii Filicis maris* ad Tiefensee pr. Werneuchen (H. Sydow, n. 78).

21. *Sphaerella Iridis* Auersw. — Syll. I, p. 524 — v. *anceps* Sacc. var. nov. A typo differt imprimis peritheciis hinc inde dense maculiformiter confertis, amphigenis et a *Sph. Desmazieri* ascis (etsi immaturis!) sporidiisque multo majoribus.

*Hab.* in foliis morientibus *Iridis Pseudacori*, Eichwalde pr. Berolinum (H. Sydow, n. 79). In exempl. immaturis: perithecia 120—130  $\mu$  diam., asci 60  $\simeq$  9; sporidia 12—15  $\simeq$  4 (?).

22. *Orbilia chrysocoma* (Bull.) Sacc. — Syll. VIII, p. 624.

*Hab.* in ligno carioso *Betulae albae*, Tamsel (P. Vogel). Etsi specinina immatura, videtur species eadem. Asci 30  $\simeq$  3—4; paraphyses filiformes ascos aequantes apice eximie capitatae.

## Deuteromycetae.

23. *Phoma oleracea* Sacc. — Syll. III, p. 135 — f. *Bryoniae* Sacc. f. n. Pycnidiis 300—330  $\mu$  diam.; sporulis 4—5  $\simeq$  2—2,5.

*Hab.* in caulibus emortuis *Bryoniae albae*, Tamsel (P. Vogel, n. 73).

24. *Phomopsis cryptica* (Nits.) Sacc. — Syll. III, p. 69 (Phoma).

*Hab.* in ramis *Lonicerae tataricae* pr. Tamsel (P. Vogel, n. 70) Sporulae 7  $\simeq$  2; basidia filiformia, hamata, 18—20  $\simeq$  1.

25. *Dothichiza populea* Sacc. et Br. — Syll. III, p. 672.

*Hab.* in ramis morientibus Populi nigrae, pr. Rangsdorf pr. Zossen (H. Sydow) — Sporulae sphaericae, 8–9  $\mu$  diam., intus nubilosae, hyalinae.

26. *Coniothyrium melancônieum* Sacc. sp. n.

Pycnidiis gregariis v. subsparis, epidermide velatis, lenticulari-depressis, 200  $\mu$  diam., nigricantibus, ostiolo circulari impresso pertusis; contextu tenuissimo, pallide olivaceo, obsolete celluloso; sporulis obovatis, 6–8  $\approx$  4, apice obtusioribus, minute pluriguttulatis, olivaceo-fuliginosis; basidiis inconspicuis.

*Hab.* in ramulis languidis v. emortuis Ribis Grossulariae pr. Tamsel Germaniae Sept. 1908 (P. Vogel) — Tam ob pycnidia nigra trans epidermidem conspicua, quam ob sporulas atras species habitum Melanconii ostendit. A *Conioth. Ribis* prasertim pycnidiis valde applanatis dignoscitur.

27. *Myxosporium Roumeguèri* Sacc. — Syll. III, p. 722 (ut subspec. *M. incarnati*) — f. *coryleum* Sacc. Pallide incarnatum; conidiis oblongo-ellipsoideis, 26–28  $\approx$  8–10; basidiis bacillaribus, 18–25  $\approx$  3–4, apice incrassatis.

*Hab.* in cortice Coryli Avellanae, Rangsdorf pr. Zossen (H. Sydow, n. 77).

28. *Septomyxa Tulasnei* (Sacc.) v. Höhn. — Syll. XVIII, p. 474 — \**S. Vogeli* Sacc. subsp. n. A typo differre videtur conidiis brevioribus, nempe 13–15  $\approx$  2,5–3, basidiisque obsoletis.

*Hab.* in ramis ramulisque languidis Aceris Ginnalae, Tamsel (P. Vogel, n. 75).

29. *Blennoria Lawsoniana* Sacc. sp. n.

Sporodochiis cortice innatis, dein erumpentibus, hinc inde gregariis, pulvinatis, 0,4–0,5 mm diam., sordide albis, compactiusculis sed subfragilibus et pruinosis, senio collabascendo incavatis; basidiis fasciculatis, filiformibus, simplicibus, varie furcatis, 18–24  $\approx$  1,7, hyalinis; conidiis cylindratis, utrinque obtusis, rectis, 10–12  $\approx$  2, catenulatis sed facile secedentibus, hyalinis.

*Hab.* in ramulis morientibus Chamaecyparis Lawsonianae cultae, pr. Tamsel (P. Vogel, n. 69). Videtur affinis *Blennoriae albae*.

30. *Botrytis rosea* Link. — Syll. IV, p. 119.

*Hab.* ad ramos putres salicinos, Schoeneberg pr. Berolinum (H. Sydow, n. 87). Diagnosis species Linkianae nimis brevis, hinc dubium an huc pertineat etsi non abhorreat. Nostra species sic describenda: Caespitulis sparsis, subsuperficialibus, laxis, pulvinato-elevatis, pallide et sordide roseis, bombycinis, 1–2 mm latis; hyphis ascendentibus, fasciculato-intricatis, 0,5–0,7 mm altis, levibus, parce septatis, 2,5  $\mu$  cr. dilutissime fusco-roseis, sursum pluries opposito-ramulosis, ramulis simplicibus v. 2–3-fidis parte superiore saepe denticulato-asperulis pallidioribus; conidiis ex denticulis (ut videtur) oriundis, globoso-ellipsoideis, 2  $\mu$  diam., vel 2  $\approx$  1,7, hyalinis, levibus.

31. *Microcera curta* Sacc. sp. n.

Sporodochiis gregariis, depresso globulosis,  $\frac{1}{2}$ — $\frac{3}{4}$  mm latis, subroseis, compactiusculis, nitidulis; basidiis seu conidiophoris dense fasciculatis, filiformibus, apice plerumque trifidis, 25—35  $\cong$  2,5, hyalinis; conidiis cylindraceis, utrinque, praecipue apice curvatis, obtusis, 3-septatis, non constrictis, 20—25  $\cong$  4—5 e hyalino dilutissime roseis.

*Hab.* in scutellis Coccorum ad ramos vivos Tiliae platyphyllae, Tamsel Germaniae XII. 1908 (P. Vogel) — A *Mic. coccophila*, in Coccis quoque parasiticâ, conidiis admodum brevioribus etc. dignoscitur et pariter ad *Fusarii* genus nutat.



