

Endothia Sacc. nov. gen. (Elym. ab Endothia, cuius
est pycnidium et quam habitu imitatur) — Stromata
corticale innato-superficiale, pulvinatum, nunc discre-
tum nunc statim asporophorum impositum, laete colo-
ratum (aurantiacum v. rubrum) semine subrotundum
friabile (hoc carnosum), intus inequaliter pluri-
colletum, ostiola (ubi manifesta) obtusa et interdum
umbilicata. Sporulae oblongae minutissimae, continuae
hyalinae, basidis filiformibus, ramoso-dendroidibus sup-
fulvae! Adest quondam forma epixyla
stromatibus dominantibus, immo copius in pycnidio
discreta, globoso-conica, subreticulata solutis.

Endothia gyrosa Sacc. 49

Stromatibus corticulis dense gregariis, tuberculatis
rubris v. rubro-aurantiis, intus flavis, pulvinatis;
hymenium omnino superficiale dominans et copius
in pycnidio solutis v. parce conata solu-
tis; pycnidia globulosis, 0,2 - 0,3 mm. diam.
modo obtusis modo conico-subreticulatis, poro
latiuscule aperto; sporulis oblongis, curvulis, hya-
linis, equestratis, $3 = 1$; basidis filiformibus
irregulariter dendroidibus-ramosis, $40-55 = 1$,
intermixtis nonnullis subinduratis.

Hab. in cortice et lignis nondum putrescenti-
bus Quercus, Carpini, Alnuli etc. plerumque
socio statu asporophorum (Endothia gyrosa)
Formam epixylam palore reticulatam, Sphaeroma-
meliae emulam, ~~com~~ in Quercu ex Alba
commune d. prof. T. Ferraris.

Chaetophoma Bitubellae C. Mass. in litt. 18-III-06.

Follicula amphigena; tubicula subgrana late affuso,
ex hyphis 5-8 μ cr. cladosporioidibus, ramosis,
septatis et dense intertextis formatis; pycnidia

mycelia nidulantibus, vulgo obovatis v. ellipsoideis $42-54 \times 20-28$, membranaceis; sporulis ovoides, polari-2-guttulatis, $6-9 \times 3-4$, hyalinis.
 Hab. ad folia viva Bitubellae levigatae in glareosis torrentis Progne prope Marcenigo prov. Veronensis, Oct. 1963. Ob formam pyrenidii et characteres sporularum, inter congeneres magis affines facile distincta species.

Remularia Trotteriana Sacc. - Hyph. fung. XVIII, p. 548.
 - var. Gai-urbani Mass. in litt. 18-III-06.

A typo differt maculis non atro-purpureo marginatis, sed linea angusta fusca inferente unctis; hyphis conidiisque paullo crebrioribus, rursus angustioribus 4μ c.

Hab. ad folia languida Gai-urbani in Silva Mantica prope Veronam, Jun. 1905 (C. Manalogo) - Ram. Vaccarii T. Ferraris in Gai montana nocturna forma luxurians R. Trotterianae in eadem Gai specie lectae.

Fusoma calidarium Sacc. sp. n.

Sporodochiis superficialibus, gregaris, minutis, irregulariter hemisphaericis, 150μ diam. Dilute roseis, papillis, demum mycelium filiforme candidum, radans circumcirca emittentibus; conidiis cylindricis-ovoides, atriague rotundatis, leviter curvis, $17-20 \times 4-4.5$, prorsus continuis, intus granulatis, v. 2-3-guttulatis ex hyalino distinctius roseis; basidiis ex hypostromate minutis, cellulosis, ochraceo viridibus, bacillaribus apice truncatis, $20-24 \times 2.8-3$, medio hamatis 1-septatis, subochraceis.

Hab. in pedunculis Anthurii Scherzeriani perrescentibus in calidario Hort. botanic. pataviani Jan. 1906. Conidia et basidia aliquod Gloeosporium habet, sed sporodochium est omnino superficiale.

Phoma proximella Lau. sp. n.

Oecidius gregaris, immato-rumpentibus, globulosis
750-180 μ Diam., interdum irregularibus, nigris,
^{vis papillatis} poro pertusis; contextus membranaceo, olivaceo-fu-
gineo ex cellulis 5-7 μ Diam. formato; sporulis mi-
nuto-formis, ovoidis, inaequaliteris, 2-3 = 0,7-1,
hyalinis; basidis brevissimis subnullis.

Hab. in conis emortuis Pin. silvestris
in Gallia comm. (P. Hariot) - ab affina.

Phoma Pinastri Differt contextus haud atro-viola-
ceo, ostiolo robusto, sporulis adhuc angustior-
ibus etc.

Hymenula Hariotiana Lau. sp. n.

Sporodochis superficialibus, appianatis, ambitu ob-
longis, 1 mm. long., 0,5 mm. lat., pelliculifor-
mibus, a mirato aurantiacis, anguste albo-
marginatis; conidiis equis, cylindricis utrin-
que rotundatis, obsolete et minutissime 2-gat-
ulatis, reclinatis 5-6 = 1, hyalinis, coa-
eratis. Rhizome roseis; basidis dense fasci-
is thypatis bacillaribus a strato prolixa mixta
celluloso orandis, 8-9 = 1, subhyalinis.

Hab. in ramulis emortuis Carothamn. scoparii
in Gallia communicant P.

(Hariot) - ab affini Hymenula rubella distin-
guitur sporodochis albo-marginatis, basidibus multo
brevioribus, matrice omnino diversa.

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III Fungi americani

Sphaerodaceae.

Fairmania Sacc. nov. 9. (Etyim. a cl. Doct. Ch. E. Fairman, mycologo boreali-americano, generis inventore) - Pycnidia superficialia, globosa-papillata, membranaceo-subcartilaginea, nigra, glabra sporulae semilunato-reniformes, continuae, ~~seabata~~ ~~rectibetragressae pectinatae~~ ~~legittatae~~, fuliginosae. Basidia parum evoluta - Praesporae forma peculiaris sporulae solae calcaneum ex aede imitantes a subgenere Epithyris Coniothyris distinctae.

Fairmania singularis Sacc. sp. n.
Pycnidia gregaria v. subsparis, basi adnata superficialibus, globosis, nigris, nitidulis, glabris, 250-300 μ diam., orthoto acutiscula papillata; ^{membranacea} subcartilaginea minute cellulosa, fuliginosa, cellulis 4-5 μ diam.; sporulis semilunato-reniformibus, saepe convexo-concavis, 5,7 μ diam., a latere leviter compressis, 5 μ cr., hyalinis, mox dilute fuliginosis, nucleis crassis, dilutione, rotundo, a latere compresso; basidiis lenerrimis, 3-5-1, hyalinis.

Hab. in ligno putrescente Fagi americanae,
Lyndonville N.Y., Oct. 1904 (Ch. E. Fairman)

Bacchidium minutum Sacc. sp. n.
Sporodochia gregaria, porrexigua, superficialibus, subglobosis v. hemisphaericis, amoene roseis, 150-160 μ diam., lenere ceraceis; conidiis cylindricofusoidibus, plus minus curvis, utrinque obtuse leviterque annatis, ad plerimum 6-septatis, non contractis, 78-84 = 15-5,5 ex hyalino roseis, intergranulosis (saepe germinantibus); basidiis stipatis pauciformibus utrinque truncatis, 10 = 4-4,5, ex hyalino roseis.

Hab. ad ligna putrescentia dejecta in horti pro. Lyndonville N.Y. Jan. 1906; locis Helicis Fairmanii - Minutis paribus a ceteris speciebus omnino distinctum.

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Muchmoria Sacc. nov. gen. Dermatiacearum (Etyim.
a rev. L. J. Muchmore, generis inventore).
Hyphae septatae, brunneae, ~~saevae~~, caespitoseae;
steriles ramosae, decumbentes, fertiles astergentes
apice in vesiculam globulosam inflatae;
vesicula ubique muriculato-conidophora.
Conidia ovato-ellipsoidea v. oblonga, 1-septa
ta, fuliginosa — A genere Cordana conspi-
cua, differt hyphis densiusculis caespitosis,
fertilibus apice inflatis et muricato-coni-
dophoris.

Muchmoria portoricensis Sacc. sp. n.
Capitulis convexo-pubrinatis, supero-ovalibus,
hemisphaericis v. oblongis, 1.5-2.5 mm. lat.
v. confluentibus, atro-fuliginosis, velutinis, interdu-
m griseo-pruinulosis. hyphis sterilibus repentibus,
ramosis, interstochis, septatis fuliginoso-oliva-
ceis; fertilibus astergentibus, 180-200 = 8-9,
concoloribus, 3-6-septatis, apice in vesiculam
globoso-ellipsoideam, 40-62 = 26-30, ubique
muriculata densiusculis, muriculis conidiis, pal-
lidioribus, 3-4 μ altis; conidiis ovato-ellipso-
ideis abique rotundatis, 1-septatis, non v.
vix constrictis, 22 = 11, olivaceo-fuliginosis.
Hab. in rimis corticis arboris emortuae indet.
pr. Signal Tower Hill Ponce, Porto Rico
(rev. L. J. Muchmore) — Ob capitulis compactis
saculis ad Tubulariaceas Dermaticas nectat.

Cladotrichum simplex Sacc. sp. n.

Effusum velutinum, aeternum; mycelii repente
perco; hyphis conidophoris appurgentibus, indi-
visis, rectis v. leviter flexuosis 140-160 = 28-4,
septatis, fuliginosis, sursum paullo dilatioribus;
conidiis oblongis, abique acutiusculis, incitis

continuis 1-guttatis, dens constructo - 1-septatis,
2-guttatis, fuliginis, 8-9 = 3-4.
Hab. ad ligna putrescentia in silvis pr. Lyndon-
ville N. Y. Oct. 1900 (Ch. E. Fairman)

Helicoson Fairmani Sac. sp. n.

mycelio parvissimo; conidiis gregaris, solitariis
v. subsolitariis, punctula pallide & tordide rosea
(sub vitro) fuscantibus, ambitu ellipsoideis, $4.5 = 2.8$,
conidiophora brevissima cylindrica (loco ~~vis~~
non manifestis) suffutis, ex spiris 6-8 acute
convolutis, 5 μ cr. parva tenuiterque septatis
formatis, inter cavis, dilutissime roseis.

Hab. ad ligna putrescentia dejecta, loco
Bachidio minuto, in silvis pr. Lyndonville
N. Y. Jan. 1906 (Ch. E. Fairman) - A cete-
ris generis spectatibus omnino distinctam.