

Ustilago ubriculosa (Rees) Tul. - Syll. VII, II, p. 476.

Hab. in floribus Polygoni Tjibodag, inter et Madangreja, 26. II (329)
Uredinaceae

? Uromyces Mucunae Kuhn. - Syll. VII p. 588 - Sectus, uredospor.

longi hypophyllis, saepe reniculis, sordide ochraceis; uredosporis elliptico-obovatis 25-26 x 20, flavo-ochraceis, verruculosis.

Hab. in foliis vivis Mucunae sp. in horto bot. Bogor. 1. XI. 96. (320) - Dehnan an haec forma pertinet ad praedictam Uromyctem.

Puccinia periodica Rac. - Syll. XVI p. 277 -

Hab. in foliis Gerridis ^{subarvensis} (= Agave) in M. Salak, ubi legit A. Raciborski (327). Tantum uredosporae, quae paullo majores nemp. 36 x 25-28, ochreae, verruculose, verruculae in fundatae hyalinae deciduae 2-3 p. diam. An eadem species?

Puccinia Thwaitesii B. et Br. - Syll. VII p. 720 -

Hab. in foliis Gendarumae, M. Salak, Tjidahoe (336)

Puccinia Prainiana Borel. - Syll. XI p. 199

Hab. in foliis vivis Smilacis sp. a horto bot. Bogor et Depok locis Acadia Krausiana ^{tanensis} (334, 516, 326, 821) - Verdimilitor

Pucc. ferruginea Leit. et Pucc. Krausiana Cook non satis differunt.

Uredo Cannae Wint. - Syll. VII, p. 863 -

Hab. in foliis vivis Cannae sp. in horto bot. Bogor. (335)

Aecidium Liskae Pat. - Syll. XI p. 221 -

Hab. a foliis Tetratherae amarae, M. Salak, I. 97 (322, 972)

Aecidium Pomoeae Thüm. - Syll. VII, p. 611 (Puccinia)

Hab. a foliis Pomoeae sp. sicut Tjibodag (323)

Triphragmium abaxillare Thwaitesii B. et Br. - Syll. VII p. 770
et XVI p. 322.

Hab. a foliis Tjibodag, III 1899 (M. Flescher) ^{superioris}

? Phragmidium macrospora Payson et San. Th. in. - longi laxae progerae erumpentibus
micantibus, globulosis marginibus, basibus saepe coarctatis
plurimobus, ut lobatis, 2, 5 μ in. ochraceo-guttulatis; sporis globulosis
v. usque incaeruleis 11-15 μ in. atropurpureis intra omnes lobos, semi levigatis
Hab. in rhachide foliorum Calami, Puccinia sp. in horto bot. Bogor.
(330, 332, 331, 328, 768) - Exemplaria non perfecta, tunc surgit ad huc Dura,
et inquirenda.

Sphaeropsidaceae

? Vermicularia longiseta Pez. et Sacc. sp. n. - Peritheis; laxe gregariis, subasperis, absteris, globosis-coniis, 0,5 mm diam., longe setosis; setulis cuspidatis, divergentibus, 600-800 = 6-8, unidulis, setis, unguiculatis, septatis; sporis...

Hab. in ramulis corticatis putrescentibus arboris v. fruticis cujusdam, Tjibodag (122). - Peritheis, setis probris, utrobis; forma.

Vermicularia Demakum (Pers.) Fr. - Sph. III p. (556)
Hab. in caulibus putridis herbarum in horto bot. Bogor. 5. III. 1897!
Exemplaria immatura - N. 563 in foliis ^{immaturis} coniacorum muculij exaridis, Depok, videtur forma Vermiculariae inshellae.

Haplosporella bozoniensis Pez. et Sacc. sp. n. - Aecidii, inaequaliter gregariis, orangeis, pulverulentis, 1-2 mm diam., intus est extra absteris; peritheis in quaque aecidio 10-15, globosis, obtusis, absolute obolatis, 250-300 μ diam.; sporis obovatis, apice obtusioribus, 21-24 \times 9-10, ahofubiginis; baidis...

Hab. in cortice caeruleo arboris cujusdam in horto bot. Bogor, ~~II~~ 4. I. 1897 (384) - Videtur affinis H. hesperidicae Speg.

Diplodia Arthrophyllae Pez. et Sacc. sp. n. - Peritheis hinc inde dense gregariis, subatenuis dein suberumpentibus, globosis breviss. ne papillatis, nigri, 1/2 mm diam.; sporis obliquis utrinque obtuse rotundatis, dia contractis, hyalinis, tandem fuliginosis, 1-septatis, 25-28 = 12-14, paraphysibus filiformibus sporibus superantibus intermixtis; baidis bicellatis, 75-80 = 2, hyalinis.

Hab. in petiolis putrescentibus Arthrophyllae sp. in horto bot. Bogor. 28, XI, 96 (343)

Diplodia Papaya Thüm - Sph. fung. III, p. 350.
Hab. in ramis nondum emortuis Papaya in horto Bogor. 20 XII 1896 (338)

Botryodiplodia acedigena Pery. et Sacc. sp. n. - Aecoriis gregariis, erumpentibus, pulverulentis, 1 mm. diam., aeternis; peritheis duas coactas, globosis, ^{op. u. obtus.} in quoque aecorio numerosis, $\frac{1}{8}$ - $\frac{1}{6}$ mm. diam., utra pallidioribus; sporulis ellipsoideis, utrinque rotundatis, 25-28 = 12-14, duobus hyalinis continuis, demum 1-septatis, haud contractis atro-fuscescentibus; basidis brevibus, fragilibus, hyalinis.

Hab. in ramis corticatis emortuis Acaciae sp. Rota Bataviae pro Parkinsonia, 2 h. x 11. 96 (230, 342, 518)

Botryodiplodia longipes Pery. et Sacc. sp. n. - Aecoriis demum gregariis, erumpentibus, deorsum verruciformibus, nigris, $\frac{1}{2}$ - 1 mm. lat.; peritheis immersis, globosis-angulosis, muricatis, utraque pallidioribus; sporulis ellipsoideis, utrinque obtusatis, 27-28 = 10-12, ^{pubescentibus} basi obsolete 1-septatis, non contractis, basidis filiformibus praelongis, 120-130 = 3,5-4, hyalinis suffultis;

Hab. in ramis corticatis arborum, Tjibodas (absque n.) Socii adst. Botrytis torulosa Pery. et Sacc. - Ob basidi praelonga notabilis species, alicuius matris ignota.

Botryodiplodia Begeadobana.

Pellionella Sacc. Syll. XIV p. 940 (ut subgenus) - Peritheis subsuperficialibus, subcarbonaceis, in costellum productis. Sporulae 1-septatae, fuscae - Est Diplodiella rostrata.

Pellionella deformans Pery. et Sacc. sp. n. - Peritheis subsuperficialibus, basi insculpta superficialibus, globosis-conicis, carbonaceis, aeternis, globis, 0,7 mm. latis, in costellum acutum aequolongum rectum v. obliquum productis; sporulis oblongo-ellipsoideis utrinque obtusatis, ^{pubescentibus} 1-septatis, non contractis, 18-22 = 6-8; basidibus brevibus, 2 = 2-3, e hyalino fuscis.

Hab. aerea parasitica in cortice nondum emortuo, quem deformat, Garcinae purpureae in horto bot. Bogor (527)

Septoria phlyctanoides Pers. et Sacc. sp. n. Peritheis in ~~vagina~~
 matrice areolato ~~orbata~~ lece gregariis; ~~substantia~~ ^{ap. dermide}
 rima fissis velatis, globos. septatis, 150 μ diam. poro
 plus minus (late hiantibus; contenta parenchymate fuligineo;
 sporis phiformis, ^{hyalinis} curvatis v. sagittis, hamatis, 20-22 = 1;
 basidiis bacillaribus parallelis, 6-7 = 2, hyalinis.

Hab. in vagina foliorum putridis Rambuse, "herbo bot-
 Bogor, 26 XI. 96 (55a)

Rhodozpora Elaeagnae Pers. et Sacc. sp. n. — Peritheis inter
 hyphas telmateleporaceas sparsis, superficialibus, globosis, perexiguis,
 poro peristis, 45-55 μ diam.; contenta membranaceo parenchymate
 fuligineo; sporis bacillaribus, apiculatis, subrectis, 11-12 x 0,7, utrinque
 apice obtusis, hyalinis, per porum fasciculatim exsertentibus.

Hab. inter hyphas telmateleporici? ~~parasiticae~~ et caulis Elaeagnae
Tjibodas 14 II 97 (280). Ob peritheis superficialia a typo generis
 recedit et probabiliter ut genus proprium (Rhodozpora) censenda.

Phlyctena variabilis Pers. et Sacc. sp. n. — Peritheis gregariis, ep-
 dermide modo simpliciter, modo ^{(et caulis inflata} radatum ^{rimosa)} velatis, inaequali-
 ter distinctis, vix $\frac{1}{2}$ mm. diam., sursum imperfectis, atris; sporis
 phiformis curvatis, hamatis, raro recurculis, 25-30 = 1, hyalinis.

Hab. in caulibus putrescentibus Elaeagnae, Tjibodas (393)

Sphaeronella macrospora Pers. et Sacc. sp. n. — Peritheis
 sparsis, superficialibus, verticillatis ovatis, ^{caulis} ~~bet~~ coarctatis, in
 rostrum teres apice leviter tenuatum erectiusculum productis, totis
 1 mm. altis, semidiplois, albis; elliptico-ovoidis utriusque
 rotundatis, 21-23 = 8-10, hyalinis, intus granulosis, in basidiis
 cylindricis, granulosis, parve septatis, 8-9,5 μ cr., obtusis;
 acro-pleurogenis

Hab. in cortice arborum Tjibodas (tab. 816) Colla orbis
 apicalis phiformes, demum resectas, 3,5-4 μ cr.

Phacidiaula gonospora Penz. et Sacc. sp. n. — Peritheciis gregaris; subzoozoidibus, subglobatis, $\frac{1}{2}$ - $\frac{3}{4}$ mm. diam., coriaceo-priabilibus, medio flavis centro nigricantibus; contextu celluloso, ochraceo-fusco; sporulis globosis-polygonis (obtusis 5-6-gonis) e latere confusis, e fronte 9-10 = 8-9 μ lat. subuliginis, grosse 1-cellatis; basidiis phiformibus sursum ^(obliquè subuliginis) furcatis, 20-30 = 1,5-2, hyalinis.

Hab. in petiolis *Palmarum putrescentibus* in horto bot. Bogor. (Nov. 7 '68) — *Perithecia* terram fulvescent. Admittunt formas sequentes: **Ph. atrata* P. et S. subsp. n. Peritheciis ^($\frac{1}{2}$ mm. diam.) ab initio (ut videtur) atratis, contextu atro-olivaceo; sporulis ^($\frac{1}{2}$ mm. diam.) similibus, compressis, 9-10 μ diam. p. or. ^($\frac{1}{2}$ mm. diam.) basidiis brevissimis (aliqua ita visis) — In petiolis *Korthalsiae* in horto Bogor., 23. XII. 1896 (532) — **Ph. atratula* P. et S. subsp. n. Ut praecedens sed sporulis majoribus et ~~magis~~ distinctius angulatis, 12-15 μ diam. e latere 7-8 μ cr., minute 1-2-jubulatis, basidiis phiformibus, simplicibus, denticulatis 30-36 = 2, hyalinis — In petiolis *Palmarum* in horto Bogor., 22. XII. 96 (533) — **Ph. minutella* Penz. et Sacc. subsp. nov. Peritheciis ut in typo flavicantibus sed minoribus, $\frac{1}{2}$ mm. diam., sporulis e fronte 10-12 μ lat., e latere 6-7 μ cr., 1-guttatis, basidiis phiformibus simplicibus v. e basi foratis — In petiolis *Nectocorniae* in horto Bogor., XII. 1896 (511) Species et subspecies in vivo accurate observandae.

Exigipula oospora Penz. et Sacc. sp. n. — Peritheciis laxè gregaris, subzoozoidibus, depressè cupulatis, $\frac{1}{2}$ mm. diam., ambitu inaequaliter orbiculatis, atris, glabris, subarceis; contextu grosse parenchymatico atro-fuliginis; sporulis ellipsoideis utrinque rotundatis, 15-18 = 9, hyalinis, plasmate homogeneo v. granuloso subinde Nektosome flauides; basidiis bacillaribus 8-9 = 2-3.

Hab. in fructibus ligneis putridis in horto bot. Bogor. (494) ^(vix $\frac{1}{2}$ mm. lat.)
Dichosperma grisea-candidum Penz. et Sacc. sp. nov. — Peritheciis ^{gregaris} ^($\frac{1}{2}$ mm. lat.) ^{patellatis} superficialibus, ^{marginè} ^{toram} albo pilis appressis, hyalinis 50-60 = 5 ornato, disco pallide griseo, sporulis bacillaribus utrinque acutis, 45 = 50 = 2, minute pluri-guttulatis, levissime curvis, hyalinis.
 Hab. in fragmentis lignis putridis, Tjibida, 7. III. 97 (390) — *Perizellam minutam* omnino imitator.

Melanconiaceae

Gloeosporium (Gloeosporella) anceps Penz. et Sacc. sp. n. — Aecozoidis in areis pallidioribus dense gregaris; plerumque epiphyllis, epidermide velatis, erumpentibus ^{lentis} ^{cuticulis} 200-300 μ diam., instructis ob epidermidem stratum ^{totis} nigricantibus, demum disco pallidis (peritheis tamen nullo generis); conidiis oblongo-ovoidis, 14-18 = 5,5-7, ubique sed magis apice obtusis, raro ^{caeter} inaequilobis, parvis v. 2-guttatis, hyalinis; basidis subnullis.

Hab. in foliis viris coriaceis in horto bot. Bogor, 26. XI. 96 (551). Affine Gl. Pseudophoma et Defectus baidiorum ^{in utraque specie} validitatem generis Gloeosporellae Penz. (nec Gloeosporiella Cav.) confirmaret.

Melanconium sphaerospermum (Pers.) Senk. — Syll. III p. 759 —

* M. bambusarum Penz. et Sacc. subsp. nov. conidiis minoribus parvis compressis, saepe 6-8 μ diam., 3-4 μ cr., aecozoidis.

Hab. in culmis Bambusarum, Tjiboda, 3. III 97 (404 ex parte)

— Forte forma tecta Conosporii bambusae (T. et N.) Sacc.

Melanconium Sacchari Meppel — Syll. XIV p. 1089

Hab. in foliis Sacchari? emortuis v. languidis, Tjiboda (375) — Conidia cylindraceo-oblonga, attingens oblonga 15-16 = 4-5; paraphyses ^{filiformes} subulatae, 40 = 2, hyalinae; basidia 10 = 2.

Melanconium saccharinum Penz. et Sacc. sp. n. — Aecozoidis ^{hypophyllis} gregaris, congestis parvis, oblongis, 1 mm. long., 0,5 mm. lat., nigris, epidermide hysterioides-rimosa velatis; conidiis majusculis globosis compressis, a pole 24 μ lat., a latere 14 μ cr., nigricantibus, caeteris ^{filiformibus} parvis, hyalinis suffultis.

Hab. in foliis emortuis v. languidis Sacchari officinarum Kota Patoe pr. Brityngon, 26. XI. 96 (530). Affine M. bambusae,

M. arundinaceae et M. hysterio sed satis diversa videtur.

Melanconium profundum Penz. et Sacc. sp. n. — Aecozoidis gregaris ^{a fronte} punctiformibus, viris ^{caeteris emortuis} ^{1/5 mm. lat.} ² ^{profunde} ^{verticaliter} ^{immersis} et cylindraceis ^{1/2 mm. long.} ^{sterminis}; conidiis globoso-angularis, 14 μ diam., 6-guttatis, atrofugis; basidis haecis.

Hab. in petiolis Palmarum emortuis, in horto Bogor, 14. III 97. Aecozoidis verticaliter cylindraceis et profunde infertis moti Dioscoreae specis.

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Pestalozzia funerea Desm. - Syll. III, p. 791.

Hab. in foliis ^{sub}vivis et emortuis Kentiae et aliarum Palmarum
in horto bot. Bogor. et Kota Batoe, Dec. 1896 (525,
5476).

Pestalozzia leucodera Pey. et Sacc. - Maculis in folio vivo
subcirculantibus 3-4 mm diam. ^{amphigenis} albis, in epiphylla nitentibus;
aeneis gregariis, subcirculantibus, nigris, punctiformibus $\frac{1}{8}$ - $\frac{1}{6}$ mm
diam. innato-erumpentibus; conidiis oblongis, brevissime stipitatis,
3-septatis, 18 ± 7 , loculo imo rotundato, crassiore, subhyalino,
loculis binis sequentibus, decrescentibus fulgineis, loculo summo
angustissimo in seta duas cuspidatas, $10-14 \pm 1$, divergentes
abente.

Hab. in foliis coriaceis aethuc vivis arboris ~~ignota~~ non determinatae,
Depok, 11 Dec. 1896 (488) - Maculis disciformibus ni-
didi et conidorum forma max distincta species.

Mucedinaceae

Chronosporium pallens Pey. et Sacc. sp. n. - Effusum, ^{part. sa flavida,} dense, pul-
veraceum 4. mm in diameter; conidiis globosis, asperulis, dilute hyalina-
flavidis, grave mucatis 6-8 μ diam., exhyphulis minutissime denticulatis
ornatis.

Hab. in cutibus putridis, adij, Tjibodas (349 ex parte)

Oospira carneola Sacc. - Syll. IV, p. 18.

Hab. in foliis putridis adij Plataniae, Tjibodas, 2. III 1897 (263)

Tinchoderma lignorum (Tode) Her. - Syll. IV, p. 59.

Hab. in vaginis emortuis foliorum Sachari officinarum, Kota Batoe,
26 XII 1896 (523)

Xenopus Perz. et Sacc. nov. gen. (Stem. xenopus, peragrinus et pus per) 8
Hyphae steriles, obsoletae; fertiles erectae, simpliciter, ^{in una basi junctae} continuae, pallidae,
ubique verruculosa, apice v. prope apicem spiculae paucos conidiopho-
ras gerentes. Conidia globosa v. ellipsoidea, ^{subparia} continua, hyalina - Hyphis
ubique verruculis apice spiculigeris distinctis.

Xenopus farinosus Perz. et Sacc. sp. n. - Effusus, tenuis, ^(albo-hyalinus) farinosus;
hyphis 20-45 = 5-8; spiculis brevibus aciculatis; conidia ellipsoi-
dea, ubique rotundata, 7 = 3-4, minute 2 guttata, hyalina.
Hab. in culmis putridis in horto Bogor, 14. III. 1897 (Atyze II.)

Cylindrium fugax Perz. et Sacc. nov. sp. - Tenuissimum, fugax,
totum albo-hyalinum; basidia brevia, bacillantes, 9-10 = 2,
^{laev.} fasciculata; conidia breviter cuneata, cylindrica, ubique truncata,
15-20 = 2-2.5, minute guttata, hyalina.
Hab. in ramulis intricatis putridis, Socia Noctuae sp. Tjibodag, III. 97.
(194 ex parte)

(Bull.)

Sepedonium chrysopermum Fr. - Syll. IV p. 146.
Hab. parasitica in volva Phalloideae cujusdam, Tjibodag, III. 1897.
(286)

Asporigillus candidus Link. - Syll. IV p. 66.

Hab. in truncis putridis udis, Tjibodag, 2. III. 1897., Tjibodag (412)
- A. tjibodensis Perz. et Sacc. subsp. nov. Hyphae conidiophorae filiformes,
350-600 = 12, continua hyalina; vesiculae 28-30 μ diam; basidia breviter
mix; conidia globosis, quam in typo paulo majoribus 5.5-6 μ diam.
- 2 thomae ^{indistincte} filiform. sterili. udo ad folia, Tjibodag, 4. II. 97 (275)

Penicillium candidum Link. - Syll. IV p. 79.

Hab. ~~parasitica~~ in Pistillaria? ^{uda} Perz., Tjibodag (395)

Spicaria elegans (Corda) Perz. - Syll. fung. IV p. 166.

Hab. in ^{fung.} Agaricinis, ^{ligurata} putrescentibus, Tjibodag, 8. III. 97 (tab. 25) - Pulvera
forma, eorum ramosa i hyphae primariae 6 μ cr.; conidia 5-6 = 2.5.

Acrostelagmus cinnabarinus Corda - Syll. IV p. 163.

Hab. ad ligna putrida uia, Tjibodag, 8. III. 97 (262)

Botrytes vulgaris Fr. - Syll. IV p. 128.

(283)

Hab. in caule putrescente Plecthariae, Tjibodag 4. II. 07 (264)

Botrytes monstrosus Pez. et Sacc. sp. nova - Capitulis minutis, sparsis, et stramineis pallide ochroleucis; hyphis fertilibus ascendenti-
bus leviter tortuosis, 10-13 μ cr. parce septatis, sursum big-
tis furcatis; ramis ultimis conidophoris eximie monsti-
formibus, articulis ellipsoideis ultimis bi-tri-connatis-spori-
geris; conidiis late ellipsoideis 32-34 = 24-26 (μ cr.) colla-
patis.

Hab. ad cortices putres in straminibus Botrydophorae Longipedis,
Tjibodag (linea num.). Sat similis B. piluliferae sed conidia multo
majora est.

Physospora spiralis Pez. et Sacc. sp. nova. - Effusa fulvo-
ochracea, velutino-pulveracea; hyphis fertilibus attenuatis,
filiformibus, 9-10 μ cr., septatis ter quater dichotomo-ramosis,
ramis arectis eximie tortuosis-spiralibus, ultimis inaequaliter inflexi-
bilibus, serratatisque; conidiis e denticulis oriundis, globosis, 11-12
 μ diam., dilute fulvis intus granulosis.

Hab. in corticibus putridis uia in horto bot. Bogor, 29. XII. 1896
(296, tab. 29). Affinis Ph. rubiginosa, sed hyphis spiralibus non
distinguida.

Oedoglyphium macrosporum Pey. et Sacc. sp. nova - Sparium, fallens; hyphae fertiles cylindricae, sursum connatae, 1-12 μ m altae, ⁶⁻⁷ μ cr., sursum 18 μ cr., septatae, vesiculae phanicae 90-110 μ diam., muriculatae; conidia: ovato-oblongis, majusculis, 36-77 = 14-15, laevibus, pallidis.
 Hab. in cortice putri adae arboris indeterminatae $\text{\textcircled{J}}$ Tjibodag (906) - ab affini Oed. glomeruloso (Thell.) Sacc. differt conidiis conspicuis majoribus.
♀, visio Macrone racemoso. 10

Gloecladium pulchellum Pey. et Sacc. sp. nova - Sassa gregarium; hyphae fertiles erectae, simpliciter, continuae, albae, 1 mm altae, apice non inflatis, ^{habet} 40-60 μ cr., apice 20-22 μ cr.; ^(globo-hemisphaericae, haud de rosariis; gemmatae-capitatae, vesiculae serrulatae) ramulibus ~~aequalibus~~ ^{aequalibus} ~~fereatis~~ v. simpliciter filiformibus, 80-90 = 1,7-2, inter se conglutinat; conidia ^{minuta} ovato-ellipsoidea, catenulata, 2,8-3 = 1,7-2, pallidioribus ^(partibus parasiticis).
 Hab. in ^{thallio Lichenum et} ^(probabiliter parasiticis) Lusculis foliisque vivis Muscorum, Tjibodag, 11. II. 1897.
 - Species praedistincta et ab hyphis non septatis, forte novi generis typus, Cladoglyphium Niendorf.

Cephalothecium rosum Corda - Syll. fung. IV p. 181.
 Hab. in ramis corticatis emortuis arboris, $\text{\textcircled{J}}$ Spoke 4. I. 1897 (aliqua N).
 Hyphae septatae 150-210 = 6, apice leviter inflatae et plerumque tuberculatae; conidia obovata apice rotundata, basi acutula, infra mediam 1-septata, vix contracta, 25-30 = 12-14. Totus fungus Thalipimo rosae, Trichothecio rosae omnium analogus.

Mycozonia echinulata Pey. et Sacc. sp. nova - Alba, ^{velutina} affinis, deformans; hyphae filiformes, ^{ramosa} intricatae; conidia globulosa, 14-17 = 10-11, hyalinae, locale superiore globosa, 10-11 μ diam., eximie echinulata, inferiore dimidio minore subhemisphaerico, laevi.
 Hab. in Pepijacea ^{septata} quadam, forte Macropodia, gemmae cujus apicula omnia atrophica evadit, Tjibodag 8. I. 1897, legit M. Fleischer (927, 982) - ab affini M. cernica conidiis dimidiis minoribus ^{et echinulatis nec ornamentatis} ^{et maxime distinctis}.
Dematiaceae

Coniosporium Bambusa Thum. - Syll. IV p. 266.
 Hab. in culmis emortuis Bambusarum vi. horti bot. Bogor. et Tjibodag (257, 315, 267, 251)
Antennaria scorioideae Berk. - Syll. IV p. 82.
 Hab. ad corticem nudum, ut videtur, emortuum arborum, Tjibodag, 6. II. 1897 (266). Videtur species Berkhaziana, sed corticibus Jeest. Hyphae paucae parum ramosae, v. fereculae subaequales, connexae; aethalia 1-guttata globosa-cuboida, 16-18 = 7-8, fuliginosa. Pharyngia adest conopsea velutina (gemma?) sed perithecia nulla.

ex hypothecis minute callosis ochraceo orianis;

11

Toxula glomerulosa Pers. et Sacc. sp. n. — Effusa, velutina, olivaceo-fulginea; catenulis brevibus, fasciculatis, sursum ramulosis; articulis inferioribus globulosis, olivaceo-fulgineis, 5-7 μ diam., summis (coni-
dis propriis) paullo majoribus, 8-9 μ diam., sateate fuliginis, omnibus levibus.

Hab. in cultis gramini, ^{putrescentibus} Triticis (absque n.) — Conidiis cum conidis glomerulatum formens, qua nota species a generis typo deservit.

Toxula heteromorpha Pers. et Sacc. sp. n. — Effusa, velutina, fusca olivacea; catenulis ex hyphis repentibus septatis orianis, simplicibus v. ramulosis; articulis olivaceo-fulgineis, subrotundis, 5-6 μ diam., summis (conidis propriis) ^{tenues-repleto} ~~seris propriis~~ ^{denudis-juratis, 7.5-10-12-8} ~~parvis~~ ^{diu connexis}, demum solutis, 7-8 μ diam., globulosis, atro-fulgineis, levibus.

Hab. in cultis majoribus putridis, v. Triticis, l. III 97 (250).

Ob conidia in seriis sporomorphis varieg diu connexa facile distinguenda et a typo paululum recedit.

Camptosium elegans Pers. et Sacc. sp. n. — Effusum, velutino-pannosum ex olivaceo fuliginem; hyphis sterilibus repentibus parum evolutis, fortibus ascendentiibus, dense confertis, ^{recherantibus} 800-1000 = 8-10, septatis, fuliginis sursum iterato ramosis, ramis eximie circinatis, pallidioribus, 4-6 μ ex., conidis in apice ramulorum saepe inflatulo capitulatis, globulosis, ^{multe} levibus, olivaceo-fulgineis, 3 μ diam., interbreve catenulatis.

Hab. in cultis putridis, praecipue Dambrosa Triticis, III 1897 (397 ex parte, 776). Sine dubio ^{valde} affine C. unicolor Ehrenb. in Nees Hor. phys. berol. ^{p. 33} t. XVII f. 2 (sub nom. C. stri) ^{quod} ob conidia subrotunda et habitationem diversam certe differt. Observandum quod plures ^{Camptosia} species auctorum ob ramulorum sectos a typo Ehrenbergii recedunt et potius ad Tachysporium accedunt. Non ^{quod} Lindau, Hyph. in Oflanzenf. p. 463 f. 2, non est Camptosium sed evidenter Cladichium polyosporum.

Periconia pycnospora Fres. — Lf. II, f. XII.

Hab. in cultis et viciis putridis, Dambrosa in horto Bozon, XII 1896 (207 311, tab. 20). Hyphae basi saepius inflatae, 400-500 = 14-16, apice reticulato-sporigerae; conidia asperula 11-12, truncata.

Periconia nigricaps (Peck) Sacc - Syll. IV p. 274.

Hab. in culmis ^{sub}putridis, Tjiboda, h. II 1897 (273) - A Per. pyrena
pore praecipue differt hyphae peritheciae ramulosa et conidia paullo
minoribus, nampe 8-10 μ diam. fuliginosa, vix verruculosa.

Trichobotrys Pey. et Sacc. nov. gen. (Elym. thrix, trichos, capillus, hypha
et botrys racemus) - Hyphae confertae caespitosae, pluriformis, in-
divisa, parce septatae, fuliginosa, hinc inde sed remotissime
glomerulosae, conidia breviter stipitatae exsertae. Conidia globulosa,
confertae, fuliginosa - Ob habitum et ^{ob} conidorum dispositionem (statum
conidiorum Ascothiha simulatam) verisimiliter ^{atram} generis hoc ad Ascothi-
cha v. Chaloniae species generatae eujusdem cyclum pertinet.

Trichobotrys pannosa Pey. et Sacc. sp. n. - Effusa, velutano-pan-
nosa, ex olivacea nigrescens; hyphis plurimobus confertis, intricatis,
300-500 = 3-6, indivisis; glomerulis parvissimis, subglobosis; conidia
globulosis, 1-guttulatis, fuliginosa, 4 μ diam.

Hab. in foliis Palmerum ^(?) putridis, Tjiboda, h. II 1897 (274)

Trichosporium Cerealis (Thiom) Sacc. - Syll. IV p. 292

Hab. in foliis plantae monocotyledonae, Tjiboda, I. III 1897 (285)
Hyphae plerumque simplicis, seniores minutissimae apertula; conidia
globulosa, 4,5-5, olivaceo-fuliginosa, 1-guttulata.

Trichosporium olivaceum Sacc. - Syll. IV, p. 293

Hab. in foliis Elethariae (Tjiboda) 12. II 1897 (269) - Forma
paululo saturatior.

Trichosporium arboreum Pey. et Sacc. sp. n. - Caespitosum, elatum,
brunneo-griseum; hyphis plurimobus prolixis, 5 μ cr., liberis, v.

fasciculato-connexis, ^{atro-fuliginosis} ^{in ramulis, pallidioribus, demum} ^{canaliculatis} iterato et crebre ramosis, paniculari
amplam formantibus, ramis ultimis ^{kanakis} pallidioribus, ^{conspicuae} ^{torquetis}
dentulatis; conidia ^{in ramulis, pallidioribus, demum} sphaericis, ^{levis} fuliginosa, ^{levis} laevia, 9,5-10 μ diam., ex

Hab. in foliis marcescentibus in horto bot. Bogor. (Tab. 15) - Palora
Ipew ad Streptobothrum et Notropis ardensis, A T. fusca, differt
ramis crebrioribus, conidia sphaericis, etc. (qui affinis,

et ob hyphae saepe densiuscula fascicu-
lata etiam ad Graphium.

Macalpinia Pey. et Sacc. gen. n. (Styp. a. d. d. Macalpinia, mycologo australiano.)
Bicolor. hyphae capitatae, simplicia v. ramosa, subcutanea utraque
asperula-denticulata, lacte colorata. Conidia nigricantia elliptica-oblonga
3- plus septata, in denticulis inserta. Hyphae lacte coloratis, conidia veru
nigricantibus gemis, mox digressurum.

Macalpinia melanantha Pey. et Sacc. sp. n. — Effusa v. macali-
formis, velutina, compactissima, superficialis; flavo-aurantia, inter ob
conidia copiose nigricans, hinc bicolor; hyphae sterilibus repantibus;
fibrillis anastomosis, ^{simplicibus, v.} ~~sepius furcatis, cylindricis~~, ^(40-60 = 3-4) lenticis fimbriis, a
medio ad apicem aspero-denticulatis, cohaerens, flavis; conidia
^{capaxissimis} elliptico-oblongis, utrinque rotundatis, 3- rarius 5-septatis, ad septa
lente contractis, 30-56 = 18-22, fuliginis, coarctatis nigricantibus.
Hab. in petiolis putridis Palmarum in horto bot. Bogor. III 1897
(759. 914)

Sporidium tenellum Pey. et Sacc. sp. n. Effusum, velutinum,
atrum, superficiale; hyphae sterilibus obolatis; conidia dense shi-
patis, ellipticis, utrinque rotundatis, atrobrunneis, 14-16, 5 = 8, 9,
triseptatis, longiorum parce divisis, ad septa vix contractis; basi
dis brevibus, cylindricis, 6-7 = 2, 5, hyalinis.
Hab. in lignis putridis pr. Buitenzorg.

Helminthosporium nodipes Pey. et Sacc. sp. nov. — Effusum, adpressum,
paucisimo-graminum 0,5-0,7 mm. cr.; hypothalla tenui submembrana
neco hyalino, hyphae pallide ochraceis ramosis percurtis; hyphae per
filibus ascendentes, ^{simplicibus} filiformibus, rectis, cubis, 90-100 = 5, ^{5-7-septatis, inter septa} ex quibus
~~obolatis~~ nodum ^{omnium} incrementis, aeternis, impallidissimis; conidia, apiculata,
obovata, 50-60 = 6, rectis v. leviter curvatis, 14-17 septatis, vix
contractis, atro-fuliginis, sursum obtuse truncatis, pallidioribus.
Hab. in petiolis palmarum putrescentibus in horto bot. Bogor.
III, 1897 (Vol. 767). Praedicta species.

Helminthosporium bogoriense Pey. et Sacc. sp. n. — Effusum, velutino-pul-
veraceum, nigricans; hyphae sterilibus paucis repantibus, fibrillis erectis,
cylindricis, simplicibus, 2-3-septatis, vix contractis, 70-100 = 6, fuliginis
apice pallidioribus; conidia obovata, ^{fuliginis} sursum longiuscule truncatis, palli-
dioribus, 8-10-septatis, vix contractis, 45-55 = 12, rectis, cubis.
Hab. in fragmentis ligneis et herbarum majorum? in horto bot. Bogor,
14 III 1897. Videtur medium inter H. leptosporum Sacc. et H. obclavatum Sacc.

Helminthosporium gigasporum B. et Br. - Syll. II p. 478

* H. javanicum Penz. et Sacc. subsp. n. - Effusum album, velut. ac
histellum, demum subpulverulentum; hyphis fasciculatis, simplicibus
aberrimis, $50\overset{700}{\mu}$ = 16-20, septatis; conidiis obclavatis,
fuliginis, 8-11-septatis, non contractis, 120-145 = 18-24,
sumum longiuscule contractis, pallidioribus.

Hab. in lignis et corticibus putridis, Triboda, 3. III. 1897 (249,
248, 252, 261, 271, ²⁷⁷ var. 765) - H. gigasporum B. et Br. videtur
vere affare, sed ⁱⁿ _{his} imperfecta cognitione.

Helminthosporium microsporum Grev. - Syll. II p. 412.

Hab. in corticibus arborum a horto bot. Bogor., 20. I. 1897 (297)

Conidia reversa obclavata, nec clavata ut plerumque describuntur.
Sporodermium bogoriense Penz. et Sacc. sp. n. - Effusum, ni-
grum, velutino-pulverulentum, superficiale; conidiis elliptico-ovoidis,
atriopsis rotundatis, v. basi acutulis, levibus, orbe et parum
distincte clavato-septatis, atr. fuliginis, 45-60 = 28-76; sporo-
phoris brachiaculis contractis v. heptatis 15-16 = 4, fusco-ochraceis.

Hab. in stipite et petiolis Palmarum ^{(loci Sigmalaktago,} putridis, in horto Bogor.
14. III. 1897 (absq. n.) Ab affini Sphaerospora De Not. praesertim
sporophoris tuberculatis mox distinguitur.

Xenosporium Penz. et Sacc. nov. g. (Stygm. Xenos pergrinum,
inconstans et spora) - Hyphae steriles, repentes, septatae, ful-
gineae hinc inde sporophora breviter exsertentes. Conidia magna
distincte comp. ^{Saniosus, spora,}

Stilbum conatarinum Mont. *Syll. IV* p. 571.

Hab. in ramis corticatis putridis variis in horto bot. Bogor, I, 1897
(297, 301, 309, 317) - Socia adest plerumque *Megalonectria Pandeticina*

Stilbum macrosporum Pers. et Sacc. *Sp. n.* gregarium, pallide flavidum, minutum, 250 μ altum; stipite cylindrico, fibroso, glabr. flavido; capitulo subgloboso-obovato, pallide fimbriatulo; sporophoris bacillatis, 4-5 μ cr. convergentibus apice tenuissime inflexis, et 4-5 denticulatis, denticulis 2 μ altis; conidis e denticulis oriendis, oblongo-obovatis, 16-17 = 8-9, bap. subapiculatis, inter granulosas, hyalinis.

Hab. in lignis putris in horto bot. Bogor. 30. XII. 1896 (292). Eximia species, praecipue sporophorum forma instabilis.

Stilbum candidulum Pers. et Sacc. *Sp. n.* - Laxe parvum, gracile, elatiusculum, totum album; stipite cylindrico, deorsum tenuimicroscopato, 1 mm. alto, bap. 100-125 μ cr., fibrillis relaxatis praesertim basem versus ^(capitula detrita, alto 100-135 μ diam.) pubescente; sporophoris pluriformiclavatis, 4 μ cr., hyalinis, asperulis; conidis ovato-oblongis, 5-6 = 3, 5, hyalinis.

Hab. in foliis putrescentibus monocotyledoneis ejusdem Tijbades (250) Videtur affine *S. aciculato* E. et Ev. et *S. orbiculari* P. et Br. sed certe diversum.

Stilbum minutulum Pers. et Sacc. *Sp. n.* - Laxe gregarium, minutum, a flavido pallide infescens; stipite ^{crassiusculo} cylindrico rigidulo ~~paucis~~ bap. obscuriori, 500-700 μ alto e fibrillis parallelis coalitis, 4 μ cr. flavo-rufo-aurantiis hirsutum pallidioribus formato extus laxa minutaque verruculo; capitulo sphaerico; conidis ovatis, 4-4,5 = 3, hyalinis.

Hab. in ramulis corticatis putrescentibus (125, 126)

Stilbum fructigenum Pers. et Sacc. *Sp. n.* - Laxe gregarium, totum album; stipite verruculo cylindrico, 350-400 μ alt., apice breviter truncato, laxa et obtuse mucronato, aquosa nephara; capitulo globoso-hemisphaerico, candido, 250-290 μ diam; sporophoris pluriformibus, 42-50 = 1, 7, hyalinis, plerumque hinc basi convergentibus, conidis ovato-oblongis, 5-6 = 3-4, hyalinis.

Hab. in cothra fructus ejusdem emericid. Tijbades, 28. II. 1897 (207)

Sclerium pallidulum Pery. et Sacc. sp. n. — Totum album, Demum olea
 te flavicans, gregarium; stipe ^{RAM. N. n.} cylindrico, subaequali, levi, ^{in summo} muc. obducto
 papillulato, 400-500 = 55-60; capitulo globuloso, 200-250 μ diam.
 sphaeris, filiformibus, rectis, 20-30 = 1, 3, hyalinis; conidiis
 elliptico-oblongis, 4-5 = 2-2,5, hyalinis.
 Hab. in corticibus emacis putrescentibus, Buitenzorg (Oct. 909)

Sclerium parvicaeps Pery. et Sacc. sp. n. — Dense gregarium, totum
 lutescens; stipe obclavato-cylindrico, 1 mm. alt. luteo bes.
 obscuriore, levi, glabro; capitulo profusione minuto, globuloso,
 muc. obducto; sphaeris perexilibus, 1,5 μ cr., hyalinis; conidiis
 oblongo-ellipticis, 4,5-5 = 2,5-3, hyalinis.
 Hab. in ramulis ^{corticibus} putrescentibus pro Buitenzorg (905)

Sclerium longipes Pery. et Sacc. sp. n. — Laxe gregarium, totum album,
 saepe proliferum; stipe filiformibus, levis, glabris, 1-1,8 mm.
 altis, 30-40 μ cr.; capitulis hemisphaerico, 160-180 μ diam.;
 sphaeris perexilibus, ^(bes. caducis) vix 1 μ cr., hyalinis; conidiis ovato-oblon-
 gis, 4-4,5 = 2,5, hyalinis.

Hab. in interioribus corticibus Bambusae, Tjibodja, 4. III
 1897 (903). Ex capitulo sapinis ^{parto minor} stipitata ascendente oritur.

Sclerium perexiguum Pery. et Sacc. sp. n. — Minutissimum, demumcule gre-
 garium, totum fulvo-carneo ^{1/2 mm. album}; stipe ^{crassa} cylindrico brevissimo ex hyphis
 fulvo-obscuris, septatis, conflatis, basi leviter incrassato, capitulo subrotundo
 minuto, parum a stipe distincto; sphaeris parvis, brevibus, 2-3 μ cr.,
 subhyalinis; conidiis ellipticis v. ovatis 4-5,5, hyalinis
 Hab. in corticibus? putridis in horto bot. Bogor. (Apr. 11.)

Actiniceps Thwaitesii B. et Br. — l. III. IV p.
 Hab. in foliis v. putridis ^{in horto bot. Bogor} 3, XII, 1896 (tab. 7)
 Stipes hyphae flexuosa, crasse hincata, 7-10 μ cr.; spiculae capituli
 lanuata, 7-7,5 μ cr., modo tenui modo crasse hincatae, scabris-
 sa.

Arthrosporium tenue Pez. et Sacc. Sp. n. - Minimum, tenue, candidum, sparsum; stipite cylindrico, leri glabro, 200-250 x 25, capitula ex hyphis filiformibus compacto; capitula globulosa 90-100 μ diam.; sporophoris radiantibus acicularibus; conidiis cylindricis - fusoides, utriusque obtusis, rectis, 1-2 raro 3-septatis, ad septa non contractis, longitudine varia, 7-16 = 2,5, hyalinis. (12 I. 1897)

Hab. in canis, volucris arboris in detrita. in horto Bogor. (Capp. 128)

Arthrosporium hypocapitulum Pez. et Sacc. Sp. n. - Sparsum v. laxe gregarium, carnosulum, crustaceolum, 2 mm. alt.; stipite kerati-conico erecto, candido, ex hyphis dense intricatis formato, ^(ob cellulas exsertas) extus minute asperulo, lat. 0,7 mm. cr.; capitula sphaerica, 1 mm. diam., aureo; conidiis maximis, clavatis, apice rotundatis, basi acutatis, 7-8-septatis, ad septa non contractis, 250-275 x 40-44, flavis, utriusque subhyalinis, ex ^{apice} hypharum stipitis in vertice stipitis contigularum orundis.

Hab. in ~~baobab~~ ^{baobab} putridis, Liqu. dambaris, Tjibodag 16. III. 1897. - Ob conidia vix amplas, capitulum aureum sibi praedistincta speciei et forte non generis typus Podobectridium N. eundem ex eo quod ~~vix~~ ^{vix} sit gen. Bactidium stipitatum.

Graphium Dermagierii Sacc. - Syll. IV p. 610

Hab. in variis putridis, quo late obtulit, Tjibodag 6. III. 1897 (254). Forma sibi paulo robustior.

Graphium leucophanum Pez. et Sacc. Sp. n. - Laxe gregarium, v. hinc inde confertum; stipite ^{anguste} cylindrico, nigricante, erecto v. inclinato, 1 mm. alto ex hyphis filiformibus ^{pubescentibus} compacto; capitula subglobosa, albidis, 300 μ cr., levigata; sporophoris ex hypharum apice prodeuntibus bacillaribus radiantibus, 14 = 1, hyalinis; conidiis ovalo-oblongis, 5,5 = 2,5, hyalinis.

Hab. in lignis putridis in horto botanico Bogor. 9. III. 1896 (319) Ad affini Gr. subtile Berk. Differt sporophoris distinctis, conidiis purpureo-aurantioribus, et.

apiculata ("citrispora" non mi pare adattato per esprimere il concetto "forma di frutto di Limone"; i divisi. E. L. hanno frutto di forma molto diversa, più secondo specie.)

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Sporocbe citrifera ^(100-500 = 75) ~~Perz. et Sav. sp. nov.~~ - gregaria, tota nigricans, acicularis; stipe cylindrico basi leviter incrassato, ~~laeviuscula~~, ex hyphis filiformibus, septulata, atrifulgureis, subinde relaxatis, confertis; capitula oblonga ^{stipite} ~~in~~ ^{crassiore}; conidia ex apicibus leviter divergentibus hypharum ovatis, majoribus, ovato-citriiformibus, 16-18 raris, 20 = 14, retrorsulis, 1-2-guttatis, atrifulgureis. Hab. in corticibus putrescentibus, Tjibodas (245). Conditorem forme et magnitudinem distinguitur.

Sporocbe acicularis ~~Perz. et Sav. sp. nov.~~ - gregaria, tota nigricans, aciculariformis; stipe cylindrico ^{granulati}, basi paululum incrassato, 1,5 mm. alto, ex hyphis filiformibus, 1 μ cr., guttulate, subhyalinis, fusconobovatis; capitula ^{minuta} subglobosa ⁱⁿ ^{nigricante}; sporophois ex apicibus ^{laterales} hypharum procedentibus, divergentibus, subhyalinis, 2 μ cr., minute denticulate; conidia globosis v. globoso-ovoidis 12 μ diam. v. 12-14 = 10-11, planiguttulate, plate fulgureis, leviter.

Hab. in petiolis putridis Palmarum in horto bot Bogor, 14. III. 1897 (atyp. n.). Affinis S. gramineae Karst. sed multo elevior et

Antromyces Broussonetiae Pat. et Trab. - Syll. XIV p. 1113-

*A. minor ~~Perz. et Sav. subsp. n.~~ - a typo differt vix 100 μ lat. (nec 300 μ), conidia Muller brunneolis, sporophois subconthinis

Hab. in ligno putrido Cecropiae Shidecanae in horto bot Bogor. 9. XII 1896 (316) Stipes ochraceo-fuscus filamentis tortuosis, contextis; capitulum hemisphaerico-subglobosum, nigricans; conidia 16-20 = 6-7, longe catenulata.

Xidymobotrya atrum Pat. - Syll. X p. 699.

Hab. in petiolis Palmarum in horto Bogor. 14. III. 1897 - *D. pachysporum ~~Perz. et Sav. subsp. n.~~ a typo differt conidia paullo crassioribus, 16 = 8-8,5 (nec 16-20 = 5,5-6), stipe 1 mm. alto. - In cubis? putridis Tjibodas, 5. II. 1897 (281)

Didemobotryum obtusum Pey. et Sav. sp. n. - Sporium, atrum, sphaeriforme; ^{1-1.5 mm. altum} stipe e basi incrassata-bulbiformi. 1 mm. lata sursum truncato, cylindrica, glaberrima, sursum fibrillosa; hyphis superioribus seu sporophis cylindricis, fulvescentibus sursum hyalinis; conidis ovatis-oblongis, 1-septatis non v. vix constructis, utrinque acutis, 22-26 x 8-8,5 fuliginis.
 Hab. in truncis emortuis a horto bot. Bogor. 26 XI. 1896 (303) Specis et habitum Cercosporium praestante.

Podoporum Casuarina Pey. et Sav. sp. nov. - Gregarium, cupuliforme, 1-1,5 ^{raris 2} mm. altum, atrofulgineum; stipe communi ex hyphis numerosis, ^{stipitatis} compactis, atris, forato, cylindrico, 60 ^{micris} cr., a medi ad apicem sporophis ^{foratis} divergenti-ascendentibus ^{parte} eximie, dense nodulo-septatis (Casuarinae imitantibus) ^{9-10 micris} ^{cr.} ^{restato}; conidis fusoides, basi truncatis, apice obtusis, 6-8-septatis, crasse truncatis, non constructis fuscis-fuliginis, 70-80 = 16-18, levibus.

Hab. in cortice arborum putrescente a horto bot. Bogor. II. I 1897 (294). Sporophis casuarinaformibus non divergentibus.

Podoporum Tjibodeu Pey. et Sav. sp. nov. - Late gregarium, aciculare, nigricans, 1-1 1/4 mm. altum, 80-100 μ cr.; stipe cylindrico ex hyphis filiformibus, atris, compactis; hyphis supra medium stipitem relaxatis sporiferisque; conidis elongato-clavatis rectis v. leviter curvis, 40-55 x 9-12, deorsum obtuse truncatis, apice subobtusatis, 8-9-septatis, ad septa vix constructis, fuliginis, locale 1000 pallidiora.

Hab. in culmis putrescentibus Bambusae, Tjibodeu, II. 1897 (246, 402, 411) Specis sat variabilis, Pod. sparganii affinis.

Harporaphium nematosporum Pey. et Sav. sp. n. - Gregarium v. sporium, atrum, minutum, ^{variabile} ^{varia} ^{concom.} saepe filinum, 400-500 = 35-80. Stipe ex hyphis filiformibus, parvis septatis, fuliginis, 4-5 μ cr. conflato; hyphis ex tenuioribus sursum relaxatis, pallidioribus, conidioribus; conidibus filiformibus, curvis, 20-30 = 1-1,5, continuis, hyalinis.

Hab. in culmis emortuis Bambusae, III, 1897 (259, 415). Affine H. forniculato sed magis irregulare et conidibus longioribus et angustioribus. Interdum basis stipes in perithecium ^{habitu} evadit, fovens perulas filiformes, conidibus parvis.

Tuberculariaceae

Uromyces aureolum Pers. et Sacc. sp. n. - Sporidochii gregarii, glabris, sepe 2-3, multilobis, granuliformibus, 100-110 μ diam., late aures-flavidis, glabris, omnino superficialibus; cellulis ^{sepe} ~~sepe~~ plurimopoli, globosis, lobulatis, symodeis, 11-16 = 7-8, continuis, e hyalina distinctissime flavidis, hyphulis, perizygas 10-20 = 1 intermixtis; co-
nidia ^{geminis} ~~geminis~~ [?] ~~?~~

Hab. in patulis emortuis Palmarum in horto Bogor (Vol. 4th)

Habitus fere U. flavidi sed hyphae ramosae rufae et Dendrodochium javanicum Pers. et Sacc. ^{4th}. Sporidochii base gregarii, erumpenti-superficialibus, puberatis, 0,5-0,7 mm. lat., ambitu ex orbiculari angulosis roseo-flavidis (in alcoholis); hyphis sporidochii dense bipatis, septatis, 4 μ cr., luteo flavidis; sporophoris ex apice hypharum prodeuntibus, filiformibus, septatis, 70-80 = 3 ^{sepe}, hyalinis, apice ramulorum ^{lobatis} ternos obelavatos gerentibus; conidiis obovatis 4-5 = 3-3,5, hyalinis.

Hab. in corticebus putridis pr. Buitenzorg (912) - aff. Dendr. affini Sacc. proximum, sed colore, sporidochii compactioribus et videretur differre.

Hymenula tibodensis Pers. et Sacc. sp. n. - Sporidochii gregarii, sepe puberatis, 0,7-1 mm diam., vix 0,5 mm. cr. ambitu orbiculari v. suborbato, distinctissime roseis, glabris; sporophoris simplicibus, continuis, dense parallele bipatis, 16-20 = 2,5; conidiis acuminatis oblongo-obovatis, 8 = 2,5-3, continuis, bis globulatis, e hyalinis roseis

Hab. in ramulis corticatis arborum v. fruticum, Tiboda, 2 III 1897 (243). Peraffinis H. herbarum Sacc. et Roum. a qua differt sporophoris continuis, conidiis biguttatis, paullo majoribus, habitatione in ramis lignis, nec herbis.

Hymenula inaequalis Pers. et Sacc. sp. n. - Sporidochii gregarii, erumpenti-superficialibus ^{convexe} puberatis, forme et magnitudine variis, 1/2 - 1 mm. lat., distinctissime roseis, ^{glabris} superficialibus; ^{hyphis sporidochii} ~~peraffinis~~ [?] parallele septatis, septulatis, sporophoris tereti-fusoidis, 14 = 4, continuis; conidiis ovalo-oblongis, 13-16 = 5, exaltatis, hyalinis.

Hab. in ramis corticatis arborum ejusdem, Tiboda 4 II 1897 (240) Peraffinis H. macrospora Sacc. et Roum. a qua differt sporidochiis valde inaequalibus, late coloratis nec rubris, sporophoris haud brevissimis, etc.

Hymenopsis ellipsozoa (Tuck.) Sacc. - Syll. IV p. 745.
Hab. in interiore culmorum Nambusa ^{in horto bot. Tjibodag} ~~in horto bot. Tjibodag~~ ^{3. III 1892} (258 ex. f.)

A spec. typica differt magis distinctius albedo, in limbo angustior, ^{basidiis} ~~basidiis~~ ^{obovatis} ~~obovatis~~ ^{Conidia ellipsoide-oblonga}, $14 = 3$, atro-olivacea.

Sporeocum angulorum Pers. et Sacc. sp. n. - Sporodochia ^{gregaria} ~~gregaria~~ ^{puberula} ~~puberula~~, submicroscopica, $\frac{1}{4}$ mm. diam., atris; stromate compactiusculo ochraceo, ^{basidiis} ~~basidiis~~ ^{e stromate} ~~e stromate ^{radantibus} ~~radantibus ^{clavatis} ~~clavatis, ^{aberrimis} ~~aberrimis~~, ^{contaminis} ~~contaminis~~; conidia e globoso-angulosis (obtus. tetra-hexagonis), 10-15 = 10-11, levibus, homogeneis, concoloribus.~~~~~~

Hab. in ^{caudicibus} ~~caudicibus~~ ^{puberulis} ~~puberulis~~ planta junctae in horto bot. Bogor. 14. III 1897 (line n.). Stromate ochraceo, conidia eximie ^{angulosis} ~~angulosis~~ ^{basidiisque} ~~basidiisque ^{aberrimis} ~~aberrimis ^{dignissimis} ~~dignissimis~~.~~~~

Listeromyces Pers. et Sacc. nov. gen. (Stygm. ab anglo Arthur Lister, eximie Myxomycetum monographo)

Sporodochia ^{carduola} ~~carduola~~ ^{extus} ~~extus ^{globosa} ~~globosa ^{periclypta} ~~periclypta~~, interdum bifida, ^{microscopica} ~~microscopica~~ ^{intus} ~~intus ^{alba} ~~alba, ex hyphis ^{densa} ~~densa ^{ramoso-intricatis} ~~ramoso-intricatis~~, ^{contexta} ~~contexta; Sporophora ^{ex apice} ~~ex apice ^{hyphae} ~~hyphae ^{sporodochii} ~~sporodochii ^{superficium} ~~superficium ^{per totam} ~~per totam ^{obtegentia} ~~obtegentia, ^{petiolata} ~~petiolata, ^{brevisima} ~~brevisima, ^{albidis} ~~albidis, ^{unicis} ~~unicis ^{papillicis} ~~papillicis ^{foculentis} ~~foculentis~~. Conidia ^{ovoida} ~~ovoida, crebre transverse septata, atra - Genus cum nullo noto comparandum, praedistinctum. Exosporium ^{obiter} ~~obiter ^{vix} ~~vix ^{acutis} ~~acutis ^{ad} ~~ad ^{structuram} ~~structuram ^{omnino} ~~omnino~~ ^{alia} ~~alia~~.~~

Listeromyces insignis Pers. et Sacc. sp. n. - Sporoc. v. laxo gregarium, niger, ^{teretiusculis} ~~teretiusculis~~, ^{obtusis} ~~obtusis~~, rarius subcompactis, vel bifidis, 1.5 - 3 mm. altus, 1-1.2 mm. cr., carnosus ^{destrum} ~~destrum~~ ^{fragilis} ~~fragilis; sporophori ^{brevisimis} ~~brevisimis, ^{paraphysis} ~~paraphysis~~ ^{basibus} ~~basibus ^{conis} ~~conis ^{t-septatis} ~~t-septatis~~ 20-25 μ longis, apice furis ^{intermixtis} ~~intermixtis~~; conidia ^{ellipso-oblongis} ~~ellipso-oblongis, ^{basibus} ~~basibus ^{autoculis} ~~autoculis ^{apice} ~~apice ^{rotundatis} ~~rotundatis~~, 47-51 = 24-25, ^{aberrimis} ~~aberrimis~~, ^{7-8-septatis} ~~7-8-septatis~~, ^{minute} ~~minute ^{verruculosis} ~~verruculosis~~, ^{leucis} ~~leucis~~ ^{t-guttulatis} ~~t-guttulatis~~.~~~~~~~~~~~~~~~~~~

Hab. in ligno ^{puberulo} ~~puberulo~~, Tjibodag 1-6. III 1897 (1891) ³⁵⁸ - Conidia Priscum ^{non} ~~non~~ Wellmanii in mentem revocant. Exemplaria ^{demissa} ~~demissa~~ v. ^{truncata} ~~truncata~~ canke ab Exosporio distinguenda.

Exosporium megalosporum Penz. et Lau. sp. nov. — Sporodochii gregarii, superficialiter, convexo-pulvinatis, $\frac{1}{2}$ - $\frac{3}{4}$ mm diam., aberrantibus, ^{delictis} ₃ ² ₂; sporophoris teretibus, radiatis, 90-12, parva septata, fuliginis, sursum pallidioribus, intermixtis hyphis longioribus (sterilibus?), conidiis obclavatis, basi obtusis, ^{fulvo-fuliginosis} sursum tenuiter pallidioribus, 3-5-septatis, non contractis, vixae formatis, 100-150-15-16.

Hab. in foliis putrescentibus Caryotae, XII, 1896 (513)

Bonordemia Penz. et Lau. nov. gen. (Etyim. a doct. H. F. Bonorden ^{gustapho} _{le} fungis, praecipue hyphomycetibus bene merito) — Sporodochia erumpunt superficialiter, hemisphaerico-pulvinata, atra, suffraginea, superficialiter pulverulenta, ex hyphis ramulosis, septulatis, ochraceo-fuliginosis contexta. Hyphae externae, seu sporophora vixae ramulosa ^{parva} septata, inaequalia. Conidia globoso-angulata, ^{catenulata} inaequaliter emicantia v. radiata septata, fuliginosa. Est omnis generi Trimmestromati parallelum, sed dicto oppositum.

Bonordemia (probabilis) Penz. et Lau. sp. n. — Sporodochii ^{majusculis} gregariis, usque 3 mm diam., ^{inaequaliter} hemisphaericis, aberrantibus, externe ruguloso-pulveraceis; sporophoris ochraceis 4-5 μ cr.; conidiis globoso-inaequalibus, 8-12 μ diam., contractis v. radiatis septatis, fuliginosis in catenas simpliciter raris ramulorum distinctis.

Hab. in foliis emortuis: Corypha Jabanga, Buitenzorg, 27 XII 1896 (304)

Speargyria ornata Lau. — Syll. II, p. 758.

Hab. in fragmentis ligneis putrescentibus Buitenzorg (4) — diatoma valde diffracta (species typica enim est geminata) videtur eadem.

quid? cur?

Probabilis = "atto a provare"

Dicatum genus Herm. Friederici Bonorden
de studi micromycetum et praesertim
Hyphomycetum affime merito. Natus
Herford Guersphalicae 28 aug. 1801,
^{munus} medicis militarij et demum medica superioris
(^{medicis} Oberstabsarzt) munus diutissime et
summe laude functus est. Tubera
vero mycologiae operam dederunt et
nonnullas ^{disquisitiones} edidit, quae etsi
methodo ^{paucillimum} ^{imperfectissimum} ^{incompleta} ^{incompleta} ^{incompleta}
elaboratae, tamen mycologia utilitati
~~contulerunt~~, ^{imprimis} non parum contule-
runt ad cognitionem novorum generum
praesertimque Hyphomycetum. Obiit senex
in patria 16 maj. 1884, ut benevole
communicavit frater Seisenheyer
et Archon. Effigies ^{curat} ejusdem ex
dona Filii in Detmold et doctoris Windel
Herfordii ^{nunc} servatur in iconotheca Bota-
nicorum apud hortum patavinum.