

~~O. Periz et P.A. Sauer~~
~~Exposures fungorum novorum in insula Java collectorum~~
~~Series quarta~~

Discomycetae

Helvellaceae

^{-Syll. VIII, p. 19-}

Helvella lacunosa Affel. * H. javanica ^{subsp. nov.} Periz. et Sauer. A type differt
stipitis ^{griseo-albidis} acute angulosis, per totam longitudinem fere productis,
sulcisque profundioribus; ascomis lobatis, nigro stipitis ^{infero} margine arching
adpresso; sporidis paullo brevioribus, nempe $13-15 = 10$; asis $275-300 = 14-15$.
Hab. ad terram pr. Buitenzorg (tab. 930)

Cudoniella javanica Hennings - Syll. XVI, p. 698.

Hab. in lignis putrescentibus Tjibodag, 6. II. 1897 (27, tab. 916)

Cudoniella javanica ^(-Syll. XVI, p. 1698-) Hennings * C. microspora ^{subsp. nov.} Periz. et Sauer. Ascomatibus ut
in type, albis dein brunneis, usque 6 mm. latij; asis ^{sporidiisque} ^{valde} proportionem
ascomatis exiguis; asis cylindricis hinc stipitate $50-57 = 4$, oblongis;
sporidis oblique monochitis breve fusoides, $5-5,5 = 2$, inter gra-
nulosis, hyalinis; paraphysibus filiformibus asisque concavatis fusco-
melleis.

Hab. in ligno putri, nudo, Tjibodag, 2. III. 1897 (tab. 968)

Perizaceae

Phaeomium ^{Phaeomium} Heichenianus ^{Phaeomium} Hennings - Syll. XVI

Hab. ad terram, Tjibodag, 1898 (M. Fleischer) (tab. 928, tab
927 idem, Myrogonia schinulata varietas).

Periza parakiformis P. Henn. - Syll. XVI, p. 705

Hab. ad terram in hilis Paltir Tjibodag in platea merid. montis
Sedeh (Raciborski, 9. III. 1897).

Periza citrina Periz. et Sauer. sp. nov. - Carnosa, glabra, tota
pulvere citrina, seipelle pallidate, setulis, usque 2,5 cm lata, fore
immarginate disco appanato; asis cylindricis, deorsum breviter truncatis;
apice rotundatis, ^{spargis} $90 = 5-6$; sporidis oblique monochitis oblongis, utrinque
rotundatis, minutis, $7 = 3,5$, hyalinis, levibus; paraphysibus filiformibus,
apice flavis.
Hab. ad terram in hilis Tjibodag, 9. III. 1897 (tab. 962, 967) - affinis
Per. luteo-rosea sed sporidia multo minora. ad Exsernam vergit.

Barlaena convexella (Kest.) Lau. — Syll. VIII p. 114 (Barlae) * B. tibetensis Peng. et Lau. ^{subsp. nov.} Ascomatibus glabris, tuberculatis-cereis, $\frac{3}{4}$ mm. lat.; asciis 150 = 16, parvis sporis. 80 = 14-16, paraphysibus filiformibus sterilibus, 3 μ cr., hyalinis; sporidiis octonis sphaericis, levibus, 11-13 μ diam.

Hab. ad terram Tibeti, 6. II. 1897 (21) Colore et sporidiis paullo minoribus a typo differe videtur.

Barlaena alba-caeruleorum Peng. et Lau. sp. n. Ascomatibus sparsis, depresse subnullatis, 7-16 mm. diam., basi lata sessilibus, glabris, alba-caeruleorum, margine breviter involuta; asciis cylindricis, 185-200 = 13,5-14, apice rotundatis, 8-sporis; paraphysibus filiformibus, sursum anguste clavatis, hyalinis; sporidiis inter se remotissimis, globosis, 10-10,5 μ diam., hyalinis, verrucis paucis, majusculis exasperatis.

Hab. ad terram, Tibetum, legit M. Fischer (tab. 934) — Affinis B. amethystinae (Quél.) ^{in nostra} sed apertius multo majus est.

Humaria umbilicata Peng. et Lau. sp. n. Ascomatibus ^{basi lata sessilibus,} corticatis, ^{concoloris} gregaris, depresse subnullatis, usque 9-10 mm. diam., carneo-cereis, glabris, centro distincte umbilicatis, miniatis; asciis cylindricis, longe deorsum termatis, 185-200 = 11-12, apice obtusis, filiformi-paraphysatis; sporidiis oblongis 17-18 = 7,5-8, levibus, hyalinis, fatis, oblique monoleptis.

Hab. in cortice, emortuis, Tjampoa, 12. I. 1897 (tab. 960) — Affinis H. euchaiae Des corticola, umbilicata est.

Lachnea longiseta Peng. et Lau. sp. n. Ascomatibus sparsis, subnullatis, basi lata sessilibus, ^{v. semi-immixtis} 2,5-3 mm. diam., carnis, brunneo-rubris, margine erecto extrinsece longe setosis, setis cuspidatis, subrectis, rig. datis, brunneis, septatis, marginalibus usque 1 mm. longis, baf. inflatis, 22-30 μ cr.; asciis cylindricis 160-170 = 10-11, deorsum longe sensim termatis, octosporis, filiformi-paraphysatis; sporidiis monoleptis, ellipsoideis, levibus, hyalinis, 19-20 = 10.

Hab. in alveo flum. Tibetum, 8. III. 1897 (tab. 961) — L. scutellatae atque affinis, sed satis colore, habitatione satis differt. Granula terrea setis saepe haerentia saepe inveniuntur.

Lachnea Arctica (B. et C.) Sacc. - Syll. VIII p. 177.

Hab. ad cortices putres, aurucos in horto bot. Bogorien. et Tjibodas
1. II. 1897 (32. 52. 68. tab. 919). Exopis lateralis ruber; setae
capitatae 600-800 μ long. basi 40-70 μ cr., brunneo-rufae; asci
150-175 = 12-16; spores 16-17 = 11-14, verruculosa, hyalina.

Helotium subrotundum P. Henn et Nystr. - Syll. XVI

Hab. ad ligna, cortices, ramos putres, Tjibodas frequens
vere 1897 (44. 46. tab. 777. 945. 953. 959. 966. 974. 975). Variet
spores 26-34 = 4,5-5,5, et colore (Lenio?) fusco-cinereis.
Spores senescentia ruberum spuria + 3-septata.

Helotium javanicum Pers. et Sacc. sp. nov. - Gregarium, stipitatum,
crassiusculum, aurachaeum, glabrum, ceraceum; stipite cylindrico
1-1,5 mm. alt., disco concavo-explanato ^{margine} breviter ^{involuto} ^{margine}, 1,5-3
mm. lat.; asci cylindrico-clavatis, 45-50 = 4,5-5,5, basi sensim
tenuatis, octoporis, filiformi-paraphysatis; spores oblique
monochitis v. dichitis, fusoides, rectis v. curvatis, 6-7,5 = 2-3,
hyalini.

Hab. in lignis vetustis, putridis, Tjibodas, febr. 1897 (31. 47. tab.
889, 949. ~~977~~) Exopis contextus typicus ^{angusta} ^{proenchymaticis}. Variet
^{n. 973}
B. Fleischerianum (n. m. Gedeh, Fleischer) asci 55 = 7 et spores crassiusculis
7-9 = 3,5 et p. expallens (Tjibodas, n. 955) anomathus, pallidiori-
bus, asci 40-44 = 3,5; spores 4-4,5 = 2.

Helotium pheridophilum Pers. et Sacc. sp. n. - Anomathus, sparsis, ceraceis,
phyllis, ochroleucis, glabris, brevissime stipitatis, 0,5 mm. lat.,
disco e concavo explanato, brevissime ^{margine} involuto; exopis contextus,
angusta proenchymatica, pallida flavido; asci cylindricis breviter
craspede stipitatis, apice rotundatis, octoporis, 50-55 = 8-8,5,
paraphysibus filiformibus, guttatis, obclavatis; spores oblique mono-
chitis, fusiformibus, rectiusculis, 11-12 = 2,7-3, hyalini.

Hab. in foliis Filicium emortuis, Tjibodas 4. II. 1897 (29) -
Videtur affine H. chrysosignatum sed asci amphores, color albus etc.

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Phiala glaucescens Pery. et Lau. sp. n. — Sparsa, ^{glabra} ^{longe} stipitata, viva pallide glaucescens, linea obcurata; areolate depressa concavo, breviter marginatis, 1,5-2 mm. lato, ^{recto v. curvato} ~~excipula~~ contextu parenchymatico, margine subperenchymatico; stipulae ^{subaequali} ^{subaequali} 2-5 mm. long.; ^{contextu angustal parenchymatico} ~~arceis~~ cylindraceis, 58-68 = 5-5,5, deorsum sensim tenuatis, apice rotundatis, filiformi-paraphysatis, octosporis; sporidia oblique monostichis, v. subdistichis fusoido-oblongis, rectiusculis, utrinque obtusis, 7-8 = 2-3, hyalinis.

Hab. in aculeis fructuum putrescentium Cestropidis, Tjibodas, 2. III. 1897 (18, tab. 963)

Mollisia cinerea (Natsub.) Kerst. — Syll. VIII p.

Hab. in lignis putrescentibus, Tjibodas, 4. II. 1897 (37). Ascomata griseo-glauca 1-1,3 mm. diam.; arceis 40-50 = 5-6; sporidia 5,5-6 = 2-2,5.

Mollisia viridulo-mallea Pery. et Lau. sp. n. — Ascomata ^{depressa} sparsis, sessilibus, subglobatis, glabris, viridulo-malleis, 1-1,5 mm. diam., leviter marginatis; contextu excipuli parenchymatico, tenero, ~~albido~~ ochraceo-olivaceo, ad marginem perenchymatico; arceis innumeras, stipites, lenticlatis, breviter stipitatis, 28-30 = 5-6, apice rotundatis, 8-sporis; paraphysibus bacillatis; sporidia subdistichis, fusoidis, acutulis, 5-6 = 1, hyalinis.

Hab. in truncis vetustis prope domum Zimmermann, Buitenzorg, 25. XII. 1896 (71) — Moll. cinerea affinis, sed ad Perizellam mutat.

Mollisia obconica Pery. et Lau. sp. n. — Ascomata confertis, obconicis, breviter stipitatis, carnoso-promulis, brunneo-luteolis, extus basin versus obscurioribus, glabris, vix 1 mm. diam., disco plano, marginulatis; contextu excipuli fuliginoso parenchymatico, ad marginem pallidore; arceis cylindraceis 80-85 μ long. p. sporif. 40-45 = 4,5-5,5, breviter deorsum longe tenuatis, apice rotundatis, octosporis; paraphysibus filiformibus, brevibus; sporidia monostichis, v. distichis, lenticlato-oblongis, rectis, utrinque obtusis, 6,5-7 = 3, hyalinis.

Hab. in ramis corticatis in thomate Eutypa heteranthra, Tjibodas, 3. III. 1897 (964). Ob formam axomatii a typo generis deservit.

Mollisia obliques Penz. et Sacc. sp. n. — Stromatolus, dense et late gregaris; mycelia tenuissima filiformia areolaria insitis, difformibus, ^{setulosis} fere immarginatis, glabris, glaucis-cinereis, 600-650 μ . latis; exapuli contextu parenchymatico brunneo-ochraceo, ^{superne} ~~gracili~~ subparenchymatico; asci cylindrici, ^{deorum} brevissime obtuse ~~apiculati~~ tenuetis, apice obtusi, 24-28 = 3,5-4, octospori; paraphysibus bacillaribus apice reticulato-inflatis, hyalinis; sporidiis oblique monostichis, parvis, cylindricis-oblongis, 3-4 = 0,7, hyalinis.

Hab. in cortice plantae monocotyledoneae putrescentis, pr. Puntarenas (Tab. 981). Mycelii hyphae filiformes, ramosae, septatae, subhyalinae, 4-5 μ cr. Fructificatione Obliques aemulatur.

Pezizella glaberrima Penz. et Sacc. sp. n. — Gregaria, superficialis, glaberrima, candida dein straminea, patellata, subtus puncto centrali affixa, orbicularis v. leviter rimosa, 0,5-0,7 mm. diam. margine brevi involuta; contextu ^{sub} parenchymatico, pallide flavo; asci brevis-clavati, deorsum longe breviter tenuetis, 42-52 = 5,5-6, filiformi-paraphysatis, octospori; sporidiis fusoidis, recurvulis, utrinque acutatis, 6-7 = 2, hyalinis, oblique monostichis.

Hab. in ramis puberulis corticatis, Tjibodas (8.11) - Videtur affinis P. albella (With.) Sacc. Contextus infra thalemium o cellulis limosis, minutis, hyalinis, refringentibus conflatus.

Pezizella subceracella Penz. et Sacc. sp. n. — Sparsa, superficialis, patellato-dixiformis, majuscula, 1,5 mm. lata; disco plano, flavido, margine leviter involuto, albo, pruinuloso; contextu pseudo-parenchymatico pallido ad marginem anguste parenchymatico; asci breviter clavatis, breviter crasse stipitatis, apice rotundatis, 75-80 = 7, octospori; paraphysibus bacillaribus 1,7-2 μ cr., hyalinis; sporidiis distichis, fusoidis, leviter curvis, 13-15 = 2,5-3, hyalinis, parvis.

Hab. in cortice arborum, Tjibodas 4. II. 1897 (42). Affinis P. ceracellae et ad Pseudohelotium nutans.

Pezizella convexella Pers. et Sacc. sp. n. — Gregaria, ^{glabra}disiformis, brevissime stipitata v. tuberculata, 0,5 mm. diam., glabra; disco convexo, fulvo-brunneo, margine angustissimo, pallido, non elevato, contextu excipuli tenuiter parenchymatico, fulvescente ad marginem subparenchymatico; asis clavatis, brevis ^{octoporus} ~~crenatis~~ stipitata, 10-11-14, apice truncatulis; paraphysibus paucis, brevibus, gutturalatis; sporidiis distichis, oblongis, inaequaliter, utrinque obtusulis, 17-20 = 5-5,5, ferebris, hyalinis.

Hab. in corticibus emortuis Arizotis, Tjibodas 4. II. 1897 (39) — Asis et paraphysae aconatae rufescent. Sporidia vixitibus minutissime longiorum, biolata. Asis, obtusiusculis, circulari mox secudente, apice dehiscunt.

Pezizella isabellina-rufa Pers. et Sacc. sp. n. — Gregaria, ^{glabra}perforata, sessilis, ~~depressa~~ subelliptica, 0,5 mm. diam.; disco subplano rufo-ochraceo, margine involuto pallidioris, ruguloso; contextu obsolete parenchymatico, denso, rufo-ochraceo, margine subparenchymatico; asis, ^{teratobolus} ~~truncatis~~, brevissime stipitata, apice obtusis, octoporus, 28-36 = 5, platforma-paraphysatis; sporidiis oblique monochitis v. distichis, terato-oblongis, rostratis, utrinque rotundatis, 4,5-6 = 2, hyalinis, gutturalatis.

Hab. in petiolis Zalacca emortuis, Tjibodas, 4 febr. 1897 (40). Nonnullis notis ad Mollisia bachysporam accedit.

Pezizella armeniaca Pers. et Sacc. sp. nov. — Sparsa v. subgregaria, sessilis, ^{glabra}disiformis, ^{tenax}ob discum minutum fere rostrata, ^{total}armeniaca, 200-220 μ diam.; margine crasso obtuso discum minutum orbicularem plano-convexum cingente; contextu tenui obsolete parenchymatico; asis, ^{tenax}terato-oblongis, subhemilibus, apice rotundatis, 50-80 = 8,5-10,5, octoporus; paraphysibus paucis, crassiusculis; sporidiis oblique monochitis v. distichis elliptico-oblongis, utrinque rotundatis, vix, 13-14 = 5,5, continuis, hyalinis.

Hab. in caulibus emortuis Urticae, Tjibodas, 12. II. 1897. (48) — Habitu fere rostrata facile distinguenda.

Perizella tibodensis Perg. et Sau. sp. n. — Laxe gregaria, testis, depressa subelliptica, 0,5 mm. diam., glabra, rufo-brunnea, disco plano-concavo, margine leviter involuto; contextu crispul. laxo parenchymatico, fulvescente, ad marginem subparenchymatico; asci cybiniaceis, tuberculatis, 44-50 = 4-8, octosporis, obsolete paraphysatis; sporidiis distichis v. oblique monostichis, oblongis, rectiusculis, utrinque rotundatis, 16-17 = 5,5, hyalinis, plasmate bipartito simile Leptatis.

Hab. in caulibus puberulis Platanaceae, Tibodae, 2. III. 1897 (5). Perisporis praedant. sed uter differe statura, colore, disco amplius apertis; an ab aetate?

Perizella avellanea Perg. et Sau. sp. n. — Gregaria, superposita, arborescens, 0,5 mm. diam., avellanea, glabra sed hyphulis albis reduntibus basi cincta. Disco plano, margine tenuissimo; contextu ^{sub}parenchymatico, ceraceo, ^{palloide} ochraceo, ad marginem ^{mostr}subparenchymatico; asci testis-clavatis, brevissime stipitatis, apice obtusis, 42 = 7-8, filiformi-paraphysatis, octosporis; sporidiis distichis, oblongis, 16-18 inaequaliter utrinque obtusis, 8-9 = 4, hyalinis.

Hab. in foliis puberulis Palmarum in horto Bogor. 22. XII. 1896. (73) — Var. macrospora. A typo differt ascum tribus 0,5-0,6 mm. diam.; asci 60-65 = 7-8; sporidiis usque 14 = 3, cetera eadem. In vaginis puberulis foliorum Calami in horto Bogor. 22. XII. 1896 (69).

Perizella epibrya Perg. et Sau. sp. n. — Epiphylla, sparsa, parvula, disciformis, subrotunda, alba, glabra, 150 μ diam.; subimmersa; asci clavatis, tuberculatis, 35-38 = 4,5-5, ^{filiformi} ~~naceo~~ paraphysatis, octosporis; sporidiis oblique monostichis, ellipsoideis, rectiusculis, 6,5 = 3, utrinque rotundatis, hyalinis. Hab. in foliis musci cujusdam emouhij v. Languidis, Tibodae, 14. II. 1897 (tab. 976). Ut minutam facile praetereunda, sed distincta, pulchella.

Pseudohalotium Microconangium Pers. et Sacc. sp. n. — Capitulorum, superficialis, obconico-substipitata, ceraceo-firmulum, 0,5 mm. diam., disco pleno-concavosculo, nigricante (in sicco), margine involuto extusque fulvo-furfureum; contextu ^{exapuli} parenchymatico, ^{flavicante,} margine ^{anguste} proenchymatico palli. Dore; asis cylindraceo-clavatis deorsum longiuscule tenuiter-stipulatis, 45-55 = 5, octosporis, apice obtusis, paraphysibus bacillaribus, raro furcatis; spondiis oblique monostichis oblongo-ovoidis, leniter inequaliteris, 6 = 3, hyalinis.

Hab. ad fragmenta lignea putrida, Tjibodas, 8. II 1897 (15). Datis in hoc genere specios, Conangium minutum referens.

Trichopeziza citrino-alba Pers. et Sacc. sp. n. — Laxe gregaria, ^{sessilis} superficialis, disciformi-petellata, 0,3-0,7 mm. diam., disco pallide citrino, plano-concavosculo, margine brevi extusque candida, tomentella, pilis flexuosis, simplicibus ramulosisque, subcontortis, hyalinis 2-4 μ cr., nonnullis asperulis; contextu ^{exapuli} parenchymatico, ^{flavido,} margine anguste proenchymatico; asis cylindraceis brevissime tenuiter-stipulatis, apice rotundatis, 25-35 = 3,5-4,5, bacillari-paraphysate, octosporis; spondiis ^{distichis, v. monostichis,} oblongis, saepe inequaliteris, 4-5 = 4,5, hyalinis.

Hab. in ligno Xanthorrhoea putri, Tjibodas, II, 1867 (12.35.56)

Trichopeziza melles-rufa Pers. et Sacc. sp. n. — Laxe gregaria, superficialis, sessilis, suburceolata, 1/3 mm. diam., disco concavo extusque rufula, pallidius citiata; pilis crispulis debilissima melleis, septulatis, 3-3,5 μ cr., subadramosis, in fasciculis junctis; exapuli cellulis ^{inferioribus} majoribus, alata melleis, 14-16 μ diam.; asis fusoidis, subulatis, 56 = 11, tenues, octosporis, spuriis, paraphysate; spondiis ^{distichis, v. oblique monostichis,} oblongis, elongato-fusoidis, rectiusculis, 16 = 3, initio 4-guttulatis, dein fatis, hyalinis.

Hab. in picholis putrescentibus Palmarum, Tjibodas, 6. III 1897 (3) - Notis Datis specis bene distincta

Dasygrypha isabellina Peng. et Sav. sp. n. — Gregaria, cyathiformis,
stipitata, 350-400 μ alta, 200 μ lata, tota isabellina, extus
praecipue margine pilosella, pilis filiformibus, subcontinuis, simplicibus,
aperulis, 40-50 = 3,5-4, subochraceis; costatae occipuli marginem versus
subperenchymatice; alas tereti-clavatis, brevibus, ^{leniter} stipitatis, 50-55-5,5,
apice obtusulis, octosporis, ^{parce} filiformi-paraphysatis; pondis obli-
que monothecis v. distinctis cylindricis-oblongis, utriusque obtusulis,
6,5-7 = 2, foris, raris, guttulatis, hyalinis.

Hab. in ramulis putridis Tjibodas 5. II 1897 (30)

Pirothaea versicolor Peng. et Sav. sp. nov. — Dense gregaria, ob-
conica-cyathiformis, prima aetate breviter stipitata angustata, demum
stipitata ^(magis involuta et ^{vir} punctiformi) ~~semp~~ ore ~~angusta~~ ^{aperta}, 300-400 μ lata et alta,
^{schulosa,} ~~inter~~ ^{fuliginosa} olivacea, tandem ~~negra~~ extus omnia nigra, ceraceo-firmula,
licca corrugata; scutulis filiformibus, ^{rectis,} apice obtusulis, 70-80 = 5,
septulatis, ^{fragilibus,} cyaneis-fuscis, primitus granulosis-aperulis; ~~costatae~~
occipuli cellulis oblongis, limbo atro-cyaneis; alas tereti-clavatis,
breviter stipitatis, octosporis, 45-50 = 5,5-7, apice ~~obtusatis~~ obtusulis,
paraphysibus filiformibus, minute guttulatis, hyalinis; pondis subdistinctis,
oblongo-fusoidis, utriusque obtusulis, 8-9 = 2,5, rectis, hyalinis.

Hab. in stachide foliorum putrescente Palacca, Tjibodas
4. II 1897 (120. 163. 168. 443. 451). Eximia species, habitu potius
quam characteribus a ^{generis} typo ^{recedens}.

Aleurina ovata (Kull.) ^{Syll.} Lau. VIII p. 474 et XVI p.

Hab. ad collicem arborum Tjibodag (tab. 918) - Videtur omnino species europaea. Asci 180-190 = 17-20; paraphysae septatae apice clavatae; sporidia ellipsoidea 22-26 = 13, brunneae, granulosa.

Aleurina substriptata P. Hennings - Syll. XVII. p. ... Var. pleuropoda.

A typo vix differt asexualibus, paullo minoribus, 2-2,5 mm. lat., exantrice breviter striptata; asci 80-110 = 13-17; sporidia 16-18 = 7-9, fusco-atris, ~~paucis~~ tenuissime longitronis, striatis.

Hab. ad caules putres Zingiberaceae sp., raro, Tjibodag (tab. 1001) Diffus non ubique fertilis, sed juxta sulcos meandricos. Sporidia non simultanee maturescunt, ita ut in eodem disco hic immatura hyalina illinc matura brunnea occurrant.

Helotiodymea

Helotiella myaleuca Pers. et Lau. sp. n. - Fregaria et tunc inde

confluens, obconica, sessilis, 0,5-0,7 mm. diam., raro ampliora, ^{margine breviter fimbriata,} glabrescenti ^{ceracea,} ^{albo-} ^{marginata,} ^{exclus,} ^{atro-murina;} disco plano-concavusculo glauco, ^{marginibus relaxatis septulatis,} ^{4-5 p. v.,} ^{chlorinis;} ^{asci,} ^{cylindraceis,} ^{longiuscule striptatis,} ^{apice robustatis,} ^{filiformi-paraphysatis,} 100-115 = 7-8, octosporis; sporidia oblique monostichis, oblongis, utrinque obtuse truncatis, 16-18 = 5-6, rectiusculis, 1-septatis, hyalinis, non v. vix constrictis.

Hab. in culmis Nambae putridis, Tjibodag 2. III 1897 (55)

Helotiella aurea Pers. et Lau. sp. nov. - Sparsa, minuta, super-

ficata, sessilis v. subsessilis, ^{discreta,} ^{glaberrima,} aurea, coraceo-carnosula, 0,7-1 mm. diam., disco plano v. convexulo, fere immarginato; asci clavato-cylindraceis, 115-125 = 8-11, deorsum truncato-striptatis, filiformi-paraphysatis, octosporis; sporidia oblique monostichis, brevifusoides, ^{utrinque acutis,} ^{rectiusculis,} 16-18 = 3,5-4,5, hyalinis.

Hab. in caulibus putridis Elethariae, Tjibodag 8. II 1897 (tab. 862.

939). Ab Hel. citrinella differt asci brevioribus, jod. quo non caeruleo-mentibus, sporidia brevioribus et crassioribus. Ob glabritatem a subg. Helotium spectat.

Solenopezia mellina Pen. et Lau. sp. nov. — Sparsa, superficialis, lili-
 bus ^{simplicibus} ~~con~~stellata, melles, pilosa, 0,5 mm. diam., pilis filiformi-
 bus, ^{asperulis}, e melles hyalinis, 4-5 μ cr., apice obtusis; asis
 kerati-clavatis, apice rotundatis, bene crassiuscula stipitata, parva
 filiformi-paraphysatis, 60-8, octoporis; sporidia oblique mono-
 stichis v. subdistichis, fusiformibus, curvatis, utrinque acutulis,
 18-20 = 2, 7-8, medio 1-septatis, non constrictis, hyalinis.
 Hab. in foliis emortuis Pandani pr. Buitenzorg (377 ex parte)
 Septum ^{sporidiorum} forte non genuinum, tamen constans. A Trichopezize
 melleo-rufa satis diversa.

Lanzia reticulata Pen. et Lau. sp. nov. — Sparsa, majuscula,
 infundibuliformis, stipitata, ubique brunnea, magis minutissime
 denticulata, usque 7 mm. diam., extus reticulato-costulata; excipuli
 contexta parenchymatica late fuliginea-fulvescente, costularum in
 denticulos abeuntium contextu proenchymatico, saturatore; asis
 cylindricis, deorsum leniter tenuatis, apice rotundatis, 135-145 = 7-8,
 octoporis; paraphysibus filiformibus brunneis; sporidia recte v.
 oblique monostichis ellipsoideis, utrinque rotundatis, 6,5-7,5 = 4-4,5,
 medio 1-septatis, non v. vix constrictis, hyalinis.
 Hab. in aculeis fructuum Castanopsisidis, Tjibodas, 1897 (tab. 96a)
 Costulis ramosis, prominulis in denticulis marginales abeuntibus ^{par-}
~~distichis~~ ^{aliqu-} ascomitis majusculis praestante species et forte nov.
 generis typus. Dyalopozomiae.

Podobeloniaria citrino-album Pen. et Lau. sp. nov. — Gregariam, su-
 perficiem, longiuscule stipitatum, glebrum, majusculum; stipite gracile
 flexuosulo, 5-6 mm. long., albedo; disco leniter concavo, bene mar-
 ginato, citrino, 3-4,5 mm. lat.; asis cylindricis, apice rotundatis,
 filiformi-paraphysatis, deorsum leniter tenuatis, 150-160 = 10-11,
 octoporis; sporidia distichis fusiformibus, curvatis, ¹³⁶⁻¹⁴⁵ utrinque obtuse
 tenuatis, 7-9-septato-guttulatis, ad septa non constrictis, hyalinis.
 Hab. in lignis, putridis Tjibodas 6. III. 1897 (tab. 1000). Asci
 jod. ope non linguuntur.

Belonidium tabacinum Peng. et Sacc. sp. nov. — Sparsum, v. subgregarium, superficiale, scabellatum, brevissime stipitatum v. subnullum, 1,5 mm. diam., tabacinum, disco concavissimo fulvo-pruinoso; contextu exipuli parenchymatico, ochraceo; asci tereti-clavatis, apice subtruncatis, brevissime stipitatis, 100-112 $\times$ 8-8,5, octosporis; paraphyses bacillaribus, ^{2 p. cr.} obsolete guttulatis; sporidia subdistichis oblongo-fusoidis, rectis curvatisve, utrinque obtuse truncatis, 26-30 $\times$ 4, 8 (spuri!) 6-8-septatis nudatisque, non v. vix constrictis, subhyalinis.

Hab. in ramis corticatis, emortuis, Goenoeng Pantjar, leg. Raciborski (74). Msi, sporidia, paraphyses, ^{coarctata} dentissime fulvescent.

Belonidium glauco-fuligininum Peng. et Sacc. sp. nov. — Sparsum v. subgregarium, superficiale, depresso scabellatum, ^{sessile} ceraceo-carnosulum, globum, glauco-fuliginum, 0,5-0,7 mm. diam., disco concavoplanum margine brevissime obtuso; asci tereti-cylindricis, brevissime crasseque stipitatis, ^(paraphyses crassiusculis bacillis-clavatis) crassiusculis paraphysatis, 85-100 $\times$ 12-13, octosporis; sporidia distichis, fusoidis, curvatis, utrinque obtusis, 32-35 $\times$ 6-7, hyalinis, 6-8 guttulatis tenuiterque 5-7-septatis, ad septa non v. vix constrictis.

Hab. in vaginis foliorum putrescentium Palmarum in horto Bogor. 22. XII. 1896 (75).

Belonidium albo-cereum Peng. et Sacc. sp. nov. — Sparsum v. subgregarium, ^{superficiale} exiguum, sessile, globuloso-^{capitulatum}, globosissimum, ^{totum} albo-cerinum, 1/3 mm. diam., margine inflexo; exipuli contextu argute parenchymatico albo-flavido; asci cylindrici-clavatis brevissime crassiusculis stipitatis, apice angustatis truncatisque, 115-120 $\times$ 14, filiformi-paraphysatis, octosporis; sporidia fusoidis, rectis curvatisve utrinque obtuse truncatis, 30-40 $\times$ 4-4,5, hyalinis, initio 7-9-guttulatis dein tenuiter 7-septatis, ad septa non constrictis.

Hab. ad ligna putrida, Tjibodas (7 ex parte)

Erinella bogoriensis Henn. et Nym. - Syll. XVI p. 756 - * E. candida Pers. et Sacc. subsp. nov. - Sparsa, ceracea, papillata, sessilis, candida, extus villiscula, 1-1,5 mm. diam., margine vix ullo, disco subplano; asci tereti-clavatis, brevis crasse stipitata, 70-80 = 8-9, octosporis, filiformi-paraphysatis; sporidia 2-3-stichis, bacillaribus, ^{rectiusculis} 37-40 = 2, pluri-guttulatis, hyalinis, utrinque obtusulis.

Hab. in cortice arborum viventium Tjibodag 6. II 1897 (tab. 965)
A typo differt acrometibus candidis paullo majoribus, sporidiis paullo brevioribus.

Erinella nivea Pers. et Sacc. sp. nov. - Sparsa, phyllogena, scutellato-hemipharica, brevissime stipitata v. subsessilis, tota nivea, 400 μ diam., ceracea, pilis brevissimis longis, hyalinis, vestita, ^(disco concavo) asci cylindrico-clavatis, 55-60 = 6-8, brevissime stipitatae, apice obtusulis, bacillari-paraphysatis, octosporis; sporidia 2-3-stichis, cylindricis, ^(5-7-septulatis, non contractis) subinde curvatis, ^(utrinque obtusulis) 26-28 = 2, 5.

Hab. in foliis emortuis v. subviviis Calami in horto Bogor. 22. XII. 1896 (78)

Erinella citrino-alba Pers. et Sacc. sp. nov. - Sparsa v. hinc inde binata, sessilis, scutellata, 1,5-2 mm., disco plano-concaviusculo, citrino, margine breviter elevato albo, extus villiscula; pilis filiformibus, septulatis, asporulis, Nute ochraceis, 90-100 = 4; asci clavatis, deorsum parum tenuatis, ^(stipitatae) apice obtuse tenuatis, 112-125 = 10-12, octosporis; paraphysibus aciculatis, ascis longioribus, septatis; sporidiis polystichis, filiformibus, rectiusculis, 10-14-septulatis, non contractis, 20-80 = 1-1,3, hyalinis.

Hab. in ramulis frutescentibus 27. II 1897 (tab. 969). Affinis videtur E. byssaceae Henn. et Nym., sed paraphysibus distincte septatis, sporidiis angustioribus etc.

Erinella albo-flavcola Pers. et Sacc. sp. nov. - Subsparsa, phyllogena, sessilis, scutellata, 0,3 mm. diam., margine extusque pilis teneris albis in fasciculis junctis vestita, disco concaviusculo albo-flavido; asci tereti-clavatis, brevis stipitatae, apice obtusulis, 150 = 9, octosporis; paraphysibus bacillaribus, minute guttulatis; sporidia polystichis, bacillaribus rectis v. brevissime curvis, obsolete 11-13-septulatis, utrinque obtusulis, 110-120 = 2,5-3, hyalinis.

Hab. in foliis emortuis Pandani, Tjibodag (377 ex parte). Affinis E. bicolor Pat. sed anni crassiores, discus flaviculus nec aurantius, pilis brevioribus etc.

Erirella carneola Peng. et Sacc. sp. nov. — Saxe gregaria, scutellato-hemisphaerica, brevissime stipitata v. subnulla, 0,5-0,7 mm. diam., ceracea, sordide incarnata, extus pruinulosa (usc pilosa); disco concavo, margine inflexo; excipuli contextu anguste proenchymatico; asis cylindricis, brevissime vix stipitatis, apice rotundatis, 78 ± 8 , octosporis, bacillari-paraphysatis; sporiis polythecis bacillari-fusoribus, $42 \pm 2,5-3$, rectiusculis, continuis, hyalinis.

Hab. in ramis corticatis putrescentibus Tjiboda, 12. II. 1897 (22). Forte affinis E. javanica sed disco carneo.

Erirella tomentella Peng. et Sacc. sp. nov. — Gregaria, scutellato-hemisphaerica, basi coarctata sessilis, majuscula, 0,8-1 mm. diam., orbicellina, pilis brevissimis apperulis margine extusque tomentella; contextu excipuli proenchymatico ochraceo; asis cylindricis, apice obtusatis, brevissime stipitatis, $120-150 \pm 8-9$, octosporis, obsoletis v. non paraphysatis; sporiis polythecis bacillaribus, rectiusculis, utrinque obtusis, 120 ± 2 , hyalinis, continuis.

Hab. in culmis putrescentibus Bambusa, Tjiboda (405).

Erirella albida Peng. et Sacc. sp. nov. — Gregaria, infundibuliformi-urceolata, stipitata, tota alba, 0,5 mm. alta, 0,3 mm. lata, extus margineque breviter tomentella, pilis apperulis 4 μ or., stipite apula diametrum subaegante, cylindrica; excipuli contextu proenchymatico, sordide albo; asis clavatis, longiuscula levissim stipitatis, apice rotundatis, $135-140 \pm 10-12$, octosporis, breviter filiformi-paraphysatis; sporiis polythecis, bacillaribus, utrinque obtusis, rectiusculis, $120-125 \pm 2-2,5$, pluriguttulatis, hyalinis.

Hab. in culmis putridis (Bambusa?) Tjiboda, 3. III. 1897 (756).
Ob aenone stipitatum ad subgen. Eriopsis pertinet.

Ascobolaceae

- Ascobolus latus Pers. et Lau. sp. nov. — ^(majusculus, glaber) Gregarius, ^(suborbicularis) suborbicularis, applanatus, atro-brunneus, margine quaque plano pallidore, usque 1 cm. latus; asci cyliastreis v. cyliastro-clavatis, brevissime noduloso-stipitatis, 180-190 = 18-23, octosporis; paraphyses bacillaribus, sursum clavatis, 6-7 p. cr., luteolis; sporidia in apicem parte sup. inaequaliter distichis, oblongis, levibus, 20-23 = 10-12, brunneis, demum atro-violetaceis. Hab. in pino tubalino, Tjidahoe ad meridiem M. Salak, 22. I. 1897 (Gh. tub. 911) — Ab affinis Asc. sarawacensis differt aromate dupli. majori, sporidiis minoribus etc.
- Ascobolus Keverni (Cr.) Bond. — Syll. VIII, p. 524. Hab. in pino tubalino, Tjidahoe (189)

Bulgariaceae

- Torokina inggris Pers. et Lau. sp. nov. — ^(gregarius) ^(obconico-infunctus) Obconico-infunctus, ^(glabra) ^(majuscula) forvis, breviterque stipitata, gelatinoso-carnosa, ^(glabra) ^(majuscula) 1-1,5 cm. lata, obscura glauco-viridis, dein atra, subtus ex umbella grisea, sapinis gyroso-tubulata, disco concavisculo, margine recto; aromatis contextu ex hyphis brunneis composito; asci tereti-clavatis, breviter stipitatis, apice obtusis, 55-58 = 10-11, apice pleiformi-paraphysatis, octosporis; sporidia ^(distichis) ^(breviter fuscis) ^(oblongis) ^(obtusis) ^(1-septatis) ^(non constrictis) ^(10-10,5 = 3,5) ^(atro-brunneis) ^(tub. 933) Hab. ad lyne putida Tjidahoe, 24. III. 1898 (M. Fleischer) — Cum S. bozomansi ^(lat) convenit asci sporidiisque, sed aroma omnino diversum.
- Coryne javanica Pers. et Lau. sp. nov. — Gregaria, obconica, brevissime stipitata, dein explanata convexa, margine latus inflexo, carneo-gelatinosa, adrima, glabra, matura usque 2 cm. lata; aromatis contextu filamentoso-intertexto; asci tereti-clavatis longe angustioribus stipitatis, apice obtusis, 140-160 = 6-7, paraphyses pleiformibus, obsolete tubulatis, hyalinis; sporidia ^(oblongis) ^(obtusis) ^(1-septatis) ^(non constrictis) ^(hyalinis) ^(demum olivaceo-brunneis) ^(tub. 946. 950. 957) Hab. in cortice pini truncorum, Tjidahoe II. III. 1897 (tub. 946. 950. 957) varia aetate p. sub strato ascorum adhaerent apicibus mycella majuscula ~~calicis~~ calicis oxalicae.

Orbilia neglecta Pers. et Sacc. sp. n. — ^{v. densa} *Larrea* ^{glabra} *gracilaria*, disciformis, sessilis, matrici omnino adpressa, tenuissima, 0,5–0,7 mm. diam., glabra, sed fimbriae brevissimis albidis breviter cincta, ^{perae immixtae} flavo-mellea, aspera; arvis breviter clavatis, apice rotundatis, 27–30 = 4,5–5, subcylindricis, septosis; paraphysibus bacillaribus apice globoso-reflexis, hyalinis; sporidiis subdistichis cylindraceis, saepe clavatis, ^{plerumque} curvatis, 6–7 = 0,8 (maturis?), hyalinis.

Hab. in foliis et caulibus *Stellariae* Tibodae, 6. II. 1897 (387.442 ex part.). Videtur affinis *Orb. luteo-rubellae* sed ora et sporidia minora. N. 41 et 449 (in *Zelacca*) et n. 33 (in *Costarica*) videtur eadem species immatura.

Orbilia limosa Pers. et Sacc. sp. n. — *Gregarina* ^{glabra} *applanata*, ^{sessilis} ^{ambita} ^{crassa} ^{dephana} ^{lanceolata} ^{marginata} ^{suborbiculata} ^{margine} ^{parum} ^{elevato} ^{undulato} ^{limoso}; arvis breviter clavatis, subcylindricis, apice obtusis 28–35 = 4–5 (maturis?), paraphysibus bacillaribus apice ovoides-reflexis; sporidiis cylindraceis, curvatis, hyalinis, 4–6 = 1 (maturis?).

Hab. ad ligna putrescentia, Tjampoa 12. I. 1897⁽⁶³⁾ et a horto Bogor. 2. I. 1897 (58). Ascomata magnitudine varia a 0,5 ad 3 mm. lata, nunquam tamen perfecte matura, orae species debili.

Orbilia macrospora Pers. et Sacc. sp. nova — *Sparta*, sessilis, glabra, disciformis, matrici adpressa, rubra, subdigana, 0,5–0,7 mm. diam., ^{ambita} ^{margine} ⁱⁿ ^{vicis} ^{levis} ^{clavata} ^{et} ^{subundulata}; costatae *Larrea* cellulosa (basis ascomatis); arvis cylindraceis, brevissime crassa septatis 112–130 = 8–8,5, apice obtusa breviter, octoseptosis; paraphysibus bacillaribus, apiculatis, ^{obtusis} ^{guttulatis}, hyalinis; sporidiis oblique monostichis, majusculis, saepe breviter, saepe curvatis, 28–30 = 4, hyalinis, parvis. 6. III. 1897

Hab. ad ligna putrida, Tiboda, (6). Margo ascomatis subnullus. Color et natura ascomatis *Orbiliae*, sed fructificatio ^{majuscula} aliena.

Stichidaceae

Stichis pallidula Lau. — Syll. VIII p. 688 (at subspecies)

Hab. in ramis putrescentibus semidecorticatis, Tjibodag 27. II. 1896
(360 ex parte). Videtur omnino species italica!

Stichis arundinacea Pers. — Syll. VIII p. 691.

Hab. in culmis Sacchari v. Sorghum? Tjibodag, 7. III. 1897 (19)

Delponia Peng et Lau. nov. gen. (Ety. a cl. prof. J. B. Delponia
⁽¹⁸¹²⁻¹⁸⁸⁴⁾ petemontano) studi Dermidacearum et plantarum exoticarum bene merito)

Ascomata ^{jugiter} immersa, immarginata, disciformia, ceracea, lachryosa (omnino
ut in Stichide) Asci elongati, paraphysati, octospori. Sporidia oblonga,
3-pluriseptata - unifornia, hyalina - Nonnullis generibus affinis, differt
tamen a Melittosporia ascomate strobilatis, nec hysterioides; a Pleiorhiza
et Platyhiza ascomate discoides, lachryosi, asci octosporis, sporidiis
minutis.

Delponia pulchella Peng et Lau. sp. nov. — Ascomatibus grega-
riis, discoides, suborbiculatis-vatis, 1 mm. long., 0,7 mm. lat., melleis,
mucosae fillo laevius cretis, ore lachryale aperto; asci tereti-cla-
vatis, subrotatis, apice late rotundatis, 45-50 = 11-14, octosporis;
paraphysibus bacillaribus apice subinde furcatis, clavulatisque, hyalinis;
sporidiis oblongis, utrinque obtusatis, deorsum leviter connatis, 3-5-
septato-muriformibus, septis tenuis distinctioribus, 14-15 = 5-6,
ad septa, ha. v. contractis, perfecte hyalinis.

Hab. in foliis emersidis Filicis arboreae cujusdam, Tjibodag,
2. III. 1897 (49)

Phacidaceae

Criella Lonicerae P. Hennings — Syll. XVI p. 786.

Hab. in foliis Lonicerae sp. M. Pangerango (333)

Criella Acoris-laurini (Pat.) Vase. et Syd. — Syll. XVI p. 786.

Hab. in foliis subvis Acoris laurini, Tjibodag (151), Ch.
Pangerango (43). Ambigit inter Phacidaceas et Hysteriaceas.

Idesia nitens Penz. et Sacc. sp. nov. - Gregaria, epiphylla, immersa, difformis, 400-500 μ diam., exacte orbiculari, pallida ^{ceracea}, operculo epidermideo plano-convexo, nigro nitente exacte circulari, serius sedente tecta; asci clavati, eorum sensum tenaciter stipitatis, 70-80 $\times$ 11, apice rotundatis, octosporis; paraphysibus filiformibus interdum flexuosis, ~~parvis~~ sporidiis desichis oblongo-ellipsoideis, utriusque rotundatis, 11,5 $\times$ 7, hyalinis, guttulis v. fereis.
Hab. in foliis languidis v. emortuis Entadae sp. in herb. bot. Bogor. ⁽⁵⁷⁾ Pulehelle species, praesertim operculi atro-nitidis distinguenda.

Moutoniella Penz. et Sacc. nov. gen. (Stygm. a cl. Vict. Mouton Liegiensi, De studio Ascomycetum belgicorum bene merito*) - Ascomata immersa, difformia, subceracea, operculo epidermideo nigricante, facite sedente tecta. Asci oblongi, paraphysati (semper?), octospori. Sporidia filiformia, arum subaequantia; hyalina - ^{omnino} St. nigra Thelebol. copiosa, n. 36 inter Phacidaceas occupans. Cf. Fab. comp. p. 33.

Moutoniella polita Penz. et Sacc. nova sp. - Gregaria, plerumque hypophylla ^{fragilis}, immersa, orbiculato-elliptica, difformis, 0,4-0,5 mm. ^{mitis} lata, ceracea, mellea, operculo mox sedente plano, conformi, nigricante, ~~duo~~ membranaceo tecta, serim aperta; asci cylindrici, eorum breviter tenaciter stipitatis, apice rotundatis, 90-115 $\times$ 7-8, octospori; paraphysibus nullis v. obsoletis; sporidiis filiformibus, desichis, minute multiguttulatis, utriusque obtusis, 80-90 $\times$ 2-2,3, hyalinis.

(saepe sociis Lophodermium javanicum)
Hab. in foliis emortuis Urticae Tjibodas, (b. II. 1897/371. 440)
Coccomyces dentatus (K. et Schm.) Sacc. - Syll. VIII p. 745 -

Hab. in foliis pallide maculatis, coriaceis, Tjibodas 10. III. 1897 (493)
Ascomata plerumque hexagona - Var. hexagonum. Ascomatibus in maculis areolatis exsurgentibus sitis, epiphyllis, plerumque hexagonis - In foliis coriaceis languidis v. emortuis, Tjibodas 4. II. 1897 (444)

*) Subgenus Moutonia Sacc. Syll. VIII p. 545, cum Thelebola collat.

Cliothrix arundinacea Peng. et Sacc. sp. n. — Ascomata gregaria, ^{arumpertibus} immersa, ^{labij} filamentum transverse positum, linearibus, rarius subflexuosis, ^{paucis} 1-2 mm. longis, 0,3 mm. latis, hyalini, nigricantibus, rima angustata, ob epidermide atrata et subaeracea ~~fora~~ ^{fora} fomentis; ~~obscure~~ apicis cylindraceis brevissime stipitatis, apice rotundatis, 80-90 = 7, octosporis; paraphysibus filiformibus, apice capite aduncis; sporidiis filiformibus, rectis v. curvatis, continuis, hyalinis utrinque acutatis, 60 = 1,5.

Hab. in vaginis putrescentibus Pambaca a horto Bogor. 21. XII. 1896 (507) — Ob ascomata transverse, ^{posita} magis immersa ad Cliothrix potius quam ad Lophodermium vergit, sed ^{est} latus anceps.

Patinellariaceae.

Patinella chloroplamidis Peng. et Sacc. sp. nov. — Gregaria, ^{basi latiuscula sessilibus} meioracula, ceracea, potius firmula, obconico-disciformis, ^{paraphysibus} nigricans, glabra, 2-2,3 mm. lata, disco plano ambitu acuto, denticulato, non elevato, apicis cylindraceis v. cylindraceo-lanceatis, 90-110 = 11-14, apice rotundatis, basi breviter tenuato-stipitatis, octosporis; ^{paraphysibus} filiformibus, minute guttatis, ^{capite incurvatis brunneis} hyalinis, 2 μ cr., raro longioribus; sporidiis, monostichis v. pro parte distichis, ovoides-oblongis, 16-18 = 7,5-9,5, rectis, distinctissime arugineo-olivaceis.

Hab. ad cortices putrescentes, M. Pangerango 10. II. 1897 (7, tab. 954) ad Chloropodium vergit.

Patinella phyllogena Peng. et Sacc. sp. nov. — Sparsa, ^{vix marginata} phyllogena, meioracula, disciformi-applanata, puncto centrali affixa, sessilibus, 2,5-3 mm. lata, glabra, ^{akerrima} bracciformula, ~~nigrescentibus~~; ^{obscure} contracta parenchymatica, ad marginem subparenchymatita; apicis cylindraceis, 70-78 = 8, apice rotundatis, ~~deorsum~~ breviter tenuatis, octosporis; paraphysibus filiformibus, ^{copiosis} ochraceis; sporidiis oblique monostichis ovato-oblongis, utrinque obtusis, 6-7 = 3-3,3, hyalinis.

Hab. in foliis coriaceis putridis fr. Buteuzorg (aliquo numero)

Karschia nigerrima Sacc. *Syll. VIII* p. 799.

Hab. ad ramos destrictos putres, Tjibodas 28. II 1897 (?) - a typo europeo non & videtur differre.

Karschia tjibodensis Peng. et Sacc. *Sp. nov.* - Sporae v. laxae gregariae, disciformes, appressatae, vix marginatae, nigrae, opaeae, 0,7 mm. diam., ceraceo-coriaceae, ^{glabra} contextu exicipuli celluloso, ad marginem paullo angustiore; asci therioides, apice rotundatis, 50-60 = 9-10, subseriatis, octosporis; paraphysibus copiosis, dilute olivaceis, filiformibus, coarctatis apice non globuligeris; sporidis distichis, v. oblique monostichis, brevis fusoides, ^{rectis} utrinque obtusatis 10-14 = 6-5, atro-olivaceis, 7-septatis, vix constrictis.

Hab. in rhachide foliorum Palmarum, Tjibodas, 8. III 1899 (408 ex parte). Ab affinis procedente differt sporidis brevioribus, paraphysibus non globuligeris etc.

♀, locis *Teichospora xenocheta*.

Patellaria callispora Peng. et Sacc. *Sp. nov.* - Laxe gregariae, v. hinc inde approximatae, ^(erumpenti-inappressatae) scutellatae, ^{latius} majuscula, 1-1,3 mm. lata, ceraceo-coriacea, glabrescens, atro-brunnea, margine acutiusculo elevato-inflexo; asci gregae cylindrici, brevissime stipitatis, apice obtuse lenuatis, $140^{\frac{150}{\mu}} = 18$, octosporis; ~~sporidis~~ paraphysibus filiformibus, coarctatis, ochraceo-flavides, apicibus constrictis ochraceis; sporidis oblique monostichis, majusculis, ^{curvatis} fusiformibus, rectis v. curvatis 36-42 = 12-15, longius 36 = 12, utrinque acute apiculatis, dia hyalini; 7-9 cuboideo nucleatis, deinde 7-septatis, non constrictis, atro-fuliginosis, intus granulosi, loculi, extremis subhyalini.

Hab. in ramis putridis corticatis, Tjibodas, 4. II 1897 (450). Colore ascomatis et sporidis omnino peculiaribus, mox dyascanda species.

55 Sp. n.
4 Jan. 1900

Pyrenomycetaceae
Sphaeraceae

I

Rinia Penz. et Sacc. nov. gen. (Ety. a cl. medico veneto Benedicto

Rinio, qui annis 1415-1430 circ. codicem de Amphibia conscripsit
plantarum, i. e. ^{in tempore} Amphibia ornatum, in bibliotheca Marciana Venetia non servatum
Perithecia ^{biophila} ^{membranacea} ^{incentia} phylogena nigra, fascis myceliis brunneis ^{innatis-prominentibus} repentibus,
anastomosis reticulatis ^{semiminimis} globulosa, ostio albo appen-
dicibus verruciformibus, nigris, carbonaceis ^{stellatis} circatis. Asci oblongo-fuscae,
paraphysati, octospori. Sporidia ellipsoidea, continua, hyalina - gemma
ostio maxime stellato praedictum, que nota faciem sumit dissecti-
nae Delphinellae, etc. fabrica omnino data.

Rinia spectabilis Penz. et Sacc. sp. nov. - Amphigena, dense
gregaria; perithecia intus pallida, globulosa, matrice semimembris, 240-
260 μ diam. ostio minuto crithis seu verrucis ^{prominentibus} carbonaceis fragili-
bus, nigris, subglobois ^{rugosis}, circulum ^{radiationem} 450-500 μ diam. formantibus con-
necto; asci fuscae brevisime stipitatae, 20-75 = 18-20, copiose
pliformi paraphysatis, octosporis; sporidia irregulares distinctis,
ellipsoideis, 10 = 6, hyalinis, laevibus. (mar. 1897)

Hab. in foliis omnino viventibus ^{submicariis} plantae indeterminatae, Tjiboda
(1897), Fasciae myceliae ^{folio} innatis-prominentes, fusus-fuscae, ovatae,
0,5 mm. cr., natura granulosa f. dubi, nec filamentosa.

Hypoxylon microsomum Penz. et Sacc. sp. nov. - Thrombium gregarium
depresso-hemisphaericum, minute, vix 1 mm. diam., rubro-fusca, intus
pallidioribus, fere laevibus; perithecia immersis, 8-12 in quoque thomate,
globulosa, 1/5 mm. diam., ostio punctiforme, obtusiuscule papillato,
vix extantibus, nigris; asci cyathis (jam fere resorptis); sporidia octo-
nis, monotrichis, elliptico-citriformibus, 9-10 = 7, e latere brevissime
compressis albo-fuliginis.

Hab. ad ramos arborum corticatos putres, Tjiboda (8, ex parte)
Spectet ad ^{led.} Sphaeroxyla colorata sed ad Hypoxylon mutat - N. 946 hab.
est Hypoxylon discophorum Penz. et Sacc.

Xylaria varians Peng. et Sacc. sp. nov. — Stomate ^{cybacea} modo Amphici-
cybacea, modo bifida, aterrimo; stipite plus minus, longo
villoso, cybathico; clava pariter cylindrica sed paullo crassiore 4-5
cm. longa, 4-5 mm. crassa, ^{interius fistulosa} glabra, apice rotundata benterque
sed acute mucronata; peritheis immensis, majusculis, aequae 800-900 μ diam.,
obolis conicis parum exstantibus; asci cylindricis, deorsum sensim
tenuatis, 110-130 $\times$ 5-6, octosporis; sporidia monochitris naviculari-
bus, inequaliteris, 10-13 $\times$ 4-5, utrinque obtusulis, fuliginis
ut plurimum 2 guttulat.

Hab. ad truncos, Tjibodas, 25. III. 1899, legit F. Harkn. (986, 987) ^{tab.}
— Spectat ad sect. Xylodactyla et forte accedit ad X. dichotoma.

Xylaria xanthophaea Peng. et Sacc. sp. nov. — Stomate leviter da-
vato, apice obtuso, carnosulo-molli, flavo-brunneo; parte asci-
gera superiori, extus ab inferiori ~~parte~~ sterili seu stipite vix
distincta; peritheis penitus immersis, in 4, 5 plerumque series dispo-
sitis, perfecte sphaericis, 400-450 μ diam., nigris, sed non carbona-
ceis, obolis paroxiguis, vix visibilibus; asci cylindrici, apice obtu-
sulis, 50-65 $\times$ 3, 5-4; sporidia oblique monochitris, ellipsodeis, minutis,
4-5 $\times$ 3, 5, fuliginis.

Hab. ad truncos, Tjibodas, 5. III. 1899, legit M. Harkn. (tab. 979)
Ad sect. Xyloglossa pertinet, sed structuram peculiarem praedistinctam.

Xylaria trichopoda Peng. et Sacc. sp. nov. — Sporae v. subgregariae;
stomate erecto, anguste cylindrico, simpliciter v. parce dichotomo-
ramoso, asperissimo, 3-5 cm. longo, basi 1-1,5 mm. cr., sursum
^{conspicuum} attenuato, acuto, glabro, basin versus strigoso-hispido, ~~setis~~
filamentis aterrimis, 1 mm. long., ex hyphis conglutinate compositis;
peritheis liberis, ~~sphaericis~~ globosis, inequaliter per totam fere stomatem
logitatem insertis, 0,7-1 mm. diam. ^(submicroscopice) minute sed ^{distincte} pop. latis,
cartilagineis, nigris; asci cylindricis, apice obtusatis, ^{octosporis} longe stipitatis,
150-160 $\times$ 5; stipite partem sporiferam subequante; sporidia
oblique monochitris, fusoides-naviculatis, utrinque obtusulis, 12-13,5 $\times$ 5, ful-
iginis.

Hab. ad corticem arborum, Tjibodas, h. VII. 1898, legit M. Harkn. (tab. 921)
Forse affinis X. hippodithima sed certe diversa. Ad sect. Thamomyces
pertinet. — N. 967 tab. est Xylariae allantoidea forma brevior: n. 989 tab.
est forma major Xylariae pileiformis: clava 12-16 mm. diam.; sporidia
20-21 $\times$ 7 atrobrunnei. Utrunque legit M. Harkn. ad Tjibodas, 1898.

Didymopharia striatula Peng. et Sacc. sp. nov. — Peritheij in
gregis minutis subglobularibus, 1,5-2 mm. long., digestis,
peridermis atrato sectis, globularis, $\frac{1}{2}$ - $\frac{1}{3}$ mm. diam., nigris, deni-
oribulo papillato erumpentibus; asis cylindricis, apice obtusis,
crenatis et breviter noduloso-striatis, 85-95 = 9-11, filiformi-
paraphysatis, octosporis; sporidia oblique monostichis v. distichis,
oblongo-fusoides, laepe inequilateralis, utrinque acutiusculis, 20-23
= 7, uniseptatis breviter constrictis, atro-olivaceis; semine
labyrinthum striatis.

Hab. ad culmos putres Bambusa, Tjibodas (258). Notes
dati facile distinguenda prius. Nota dignum quod in non
paucis ascomycetum speciebus javanicis sporidia longitudinaliter striolata
occurrant, quod rarissime a Europaeis!

Venturia eucata Peng. et Sacc. sp. nov. — Peritheij copiosius
hypophyllis, densissime gregaris, subsuperficialibus, punchiformibus
nigris, globularis, 100-115 μ diam., non exiguis ^{radialiter setosis} perforatis, setulis
remotiusculis, cuspidatis, deorsum bulbosis, continuis, operis,
56-60 = 7 (setis), omnibus regularibus; asis tereti-fusoides, subglo-
bulis, utrinque obtusis, 30-33 = 7, apapophysatis, octosporis;
sporidia oblique monostichis, oblongis, utrinque obtuse terminalis,
rectis, 7 = 2,5, medio obsolete 1-septatis, non constrictis, hyalinis.

Hab. in foliis subcoriaceis ^{subvix} plantae indet., Depok 4.I.1897 (65)

Teichospora xenochata Peng. et Sacc. sp. nova. — Peritheij dense
gregariis, superficialibus, globularis, minutis, carbonaceis, nigris, 250-260
 μ diam. vertice imperspicue papillatis, deorsum facile fractis et inae-
qualiter apertis, utrinque laevae setulosis; setulis erectis-cuspidatis, plus
minus longis 50-100 = 7, continuis, aterrimis, ^{apice curvulis} apice peculiariter
oblique ^{acutius} rostellatis, et sub rostellis ^{pathogene} septatis; asis, jam resorptis; sporidia
maximis obovatis v. suboblongis, ^{utrinque obtusis} 95-100 = 28-36, raris
56-58 = 30, deorsum paullo angustioribus, 9-11-septatis, septisque
longitudinaliter pluriseriatis, ^{ad septa breviter constrictis} fuliginis.

Hab. in petiolis Palmarum putrescentibus, Tjibodas, S. III. 1897 (408 ex
parte 1). Contextus peritheij parenchymaticus, fuliginosus. Peritheia baf-
fuphiis myaliis septatis, ramosis, ochraceis cincta.

Nectria raripila Pong. et Sacc. sp. nov. — Peritheis longe gregariis, superficialibus, sphaericis, vertice obtuse conoidis, orholo perexiguo portatis, aurantiacis, 200-250 μ diam. parce pilosis; contentis laxe parenchymaticis, tenui, dilute roseo-flavis; pilis filiformibus, subflexuosis, ^{obtusis} $SD-100 = 10-14$, septatis & hyalinis roseis; asis fuscoideis apice acutulis, subserulis, ^{70-75 = 10-12} mox diffluentibus, 4-6-sporis, aporephyatis; pondis stichici, funiformibus, saepe inaequilatis, utrinque obtusulis, $28-32 = 6,5-7$, ~~hyalinis~~ levibus, 1-septatis, non constrictis, ^{hyalinis} plasmate tenuissime longitronum striatis. Hab. in caulebus emortuis *Platanice*, Tibodas, 1898, legit M.

Hernher (923). Vire distincta, in limite ^{ad} inter se. *Laronechium* et *Delavachium* spectat, ad ob pilos parcos ad loc. *Helmetiam* accedit. *Corallomyces brachysporus* Pong. et Sacc. sp. nov. — Peritheis erectis, ^{fine} ^{capitatis} stipitiformibus, simplicibus v. parce ramosis, cylindraceis, aurantiacis, rugosis, 1-1,5 mm alt., $\frac{1}{3}$ mm cr., apicibus incrassatis, obtusis; Conidiis longis anguste fuscoideis, $100-110 = 6,5$, leviter curvis, 8-12 septatis, non constrictis, in basidis bacillaribus, septatis, fasciculatis, 4,5-5 μ cr. pleurogenis (nec acrogenis!); peritheis in medio stipite sessilibus, paucis, globosis ^(longis) brevissime papillatis, ~~caeruleis~~ ^{atro-rubris} 200-240 μ diam.; asis cylindraceis ^{adnatis} ^{subserulis} ~~subserulis~~, $100-110 = 7$, octosporis; pondis monostichis ellipticis, ^{adnatis} ^{subserulis} ~~subserulis~~, 1-septatis, non constrictis, hyalinis. Hab. ad truncos putres pr. Buitenzorg (tab. 901). Ab affini *Corall. Jatropha* A. Möll. pariter fusario-gena differt pondis multo brevioribus (nec $30-60 = 7-9$).

Hypocrea pulchella Pong. et Sacc. sp. nov. — Peritheis gregariis, ^(minutis, sessilibus) disciformibus, 0,7 mm, subplanis, ^{aurantibus} ^{minutissimis cellulis} ~~caeruleis~~, orholo perexiguo ^{obscuris} ~~regio~~ punctatis; peritheis globosis, numerosis; asis cylindricis apice retundatis; sorum tenuia leviter lenuata, 45-50 = 2,8-3, octosporis; spondis monostichis, bilocularibus, straceis, deni in articulis globosis 2,5-3 μ diam. Nolebentibus.

Hab. in ramis corticatis emortuis pr. Buitenzorg (857 tab). Affinis *H. Catoptro*, sed asis et sponda dimidio breviora. Ascomate in alcoholi dilute flavidum.

Podocrea Cordyceps Peng. et Sacc. sp. nov. — Sparsa, simplex, heret-
 clarata, erecta, carnosa, coccinea, glabra, 5-6 cm. alta, 3 mm.
 cr. (in clava), stipes cylindricus, clavam integram et ea vix subthore
 nempe 2,5 cr.; clava apice obtusa tenuiter ostiis; minutissime punctulata,
 peritheis globulosis, 180-250 μ diam., ostiis vix prominentibus; asci
 cylindricis, in ostium convergentibus, 70-80 = 2,5, fere flexilibus, octo-
 sporis, obsolete paraphysatis; sporidis monilichis oblongis, biseriatis,
 inter se acute junctis, utrinque obtusis, ^{hyalinis} 8-10 = 3, sterilibus elliptico-cuboidis,
 4-5 = 3, ^{fere} ad apicem, dein echinulato-asperulis.

Hab. ad terram, forte ex sclerotico quodam, Tjibodag, 25.I.1899,
 legit M. Fleischer (tab. 981) — Podocrea Sacc., hincque et subgenus
 habita, formis novis et conspicuis acedentibus, in generis honorem
 extolli meretur. Prorsus prorsus, faciem Corycipse omnino reddit.

Hypocrella scutata (Corda) Sacc. — Syll. II p. 580.

Hab. in foliis, planta indeterminata, in Java (tab. 988) — Sporidia
 in articulos curvatos 6-7 = 2-2,5, cylindricos, obtusos, coronas fla-
 ventia. Ob hanc notam ad gen. Möllerianam species, hoc spectaret;
 tamen fatens videtur Hypocrella species, ^{nunc adhuc permixta} ~~omnes~~ ^{examinari} novo sub-
 mittere ut ^{earum} Separatio specierum in duo genera secum et aptior fiat.

Fleischeria Peng. et Sacc. nov. gen. (Elym. a cl. doct. Max Fleischer,
Muscorum propinquis, aliarumque cryptogamarum solerti scrutatore p-
 stroma tuberoso-sphaerodeum, bigenum, majusculum, basi appanata
 sessile, ^{max} sclerotico-corneum, durum. Peritheia ^{omnino} immersa, globoso-pyriformia,
 ostiolo papillato vix emergente. Asci heret-elongati, apophysati. Spo-
 ridia polypticha filiformia, hyalina, max in articulos bacillares utrinque ob-
 tusos stantia — Genus insignis, ab Hypocrella, Möllerella et Ascopolygpora sho-
 make max in durato, sclerotico-corneo distinguendum.

Fleischeria javanica Peng. et Sacc. sp. nov. — Stromatibus laxo gregaris subglo-
 bosis, verrucosis, glabris, ^{tota} rufis-brunneis, 8-10 mm. alt. et lat. basi planis, pan-
 choppe centrali umbilicato matrici affixis; peritheis ^{remotiusculis} ~~laxis~~ ^{paucis} pyriformibus,
 350-380 μ diam. in collum brevem ostiolumque papillatum ^{paucum} emergens, productis;
 tenui-membraceis; asci anguste fusoides, apice obtusa tenuiter, deorsum
 crasse sensim stipitatis, 140-150 = 4, apophysatis; sporidis ^{polyptichis} inter filiformi-
 bus, max in articulos bacillares, numerosissimos, rectos, utrinque rotundatos,
 14-15 = 1,7-2, hyalinis stantibus.

Hab. ad ramos adhuc vivos plantae arboris indeterminata, Tjibodag,
 25.II.1898, legit M. Fleischer (tab. 936) — Stromata a matrice avulsa
 relinquunt areolam albidam cum areolula centrali.

Cordyceps Fleischeri Peng. et Lau. sp. nov. — Clavata, ^{cylindrica}, longe stipitata; clava teretiuscula, subapicali 10-12 mm. longa, 2-3 mm. cr., viride coccinea, apice longiuscule mucronata, base a stipite discreta, cariosa, glabra, ^{ostiolis} minutissimis ~~sub~~ asperula; stipite, ^{crassius} cylindrica, glabra, brunnea, 5-7 cm. longa, 1-1.5 mm. cr.; peritheciis, ^{horizontalibus} immersis, crebris, elliptico-oblongis in ostiola punctiformis non abundantibus, 380-400 = 110; axis cylindricis, prolongis, subapicali apice globoso-inflatis, apophysati, ^(170-180 = 6.5) octoporis; sporidiis pleomorphicis, ochraceis, utraque ostiolis, multi-(18-22-)septatis, 150 = 1.5, hyalinis, albidis 4-4.5 = 1.5. Hab. in larvis insectorum (?), Tjibodag, legit M. Fleischer (Feb. 990) affinis videtur C. Barnesii et C. Thwaitesii, sed differt clava coccinea, nec vix imberbe, ostiolis minus prominulis, stipite brunneo etc.

Cordyceps coccinea Peng. et Lau. — Syll. XIV p. 656 — * C. subochracea Peng. et Lau. subsp. nov. — A typo videtur ^{batis} differre peritheciis in clava magis emergentibus, stipite paullo brevioribus, ^(range vix) 1/2 mm. longis, colore fungi ochraceo-flavido, nec coccineo, praeterea habitatione. Hab. in larva quadam hirsuta, Tjibodag II. I 1899 (Feb. 992)

Hysteriaceae

Alsona Stella-nigra Raciborski — Syll. XVI, p. 667.

Hab. in foliis vivis Pterocarpus indicus, Depok (Dec. 188. 337. Tab. 920)

$$\begin{array}{r}
 360 \\
 65 \\
 \hline
 1400 \\
 2160 \\
 \hline
 29400 \\
 10 \\
 \hline
 402000 \\
 180 \\
 \hline
 882
 \end{array}$$

$$\begin{array}{r}
 35 \\
 8 \\
 \hline
 280 \\
 65 \\
 \hline
 1460 \\
 1680 \\
 \hline
 14200
 \end{array}$$

16
a g. n.