PIÆ MEMORIÆ

A. DE BARY

M. J. BERKELEY

G. WINTER

TRIENNIO ULTIMO
(MDCCCLXXXVII – MDCCCLXXXIX)
SCIENTIÆ EREPTORUM

moerens obsequens
auctor.

Sylloge Fungorum omnium hucusque cognitorum.

vol.

digessit

P. A. Saccardo

vol. VIII

Discomycetes et

cum vel I° frontispicio

adoprando caratteri pun piccoli.

Fol. 72½ — Pretium it. lib. (franco) 70

Patavii
XX Decembris MDCCCLXXXIX
Sumptibus auctoris
Typis Seminarii

P. A. Saccardo

Sylloge Fungorum

vol. 10

Vol. VIII.

caratt. più grandi

DISCOMYCETEAE

Phymatosphaeriaceae
Tuberaceae
Elaphomycetaceae
Onygenaceae
Laboulteniaceae
Saccharomycetaceae
Schizomycetaceae

più piccolo

vol. 10

Patavii
1889

C. urceolata (Ellis) Sacc.

Tr. Grev. ....

19

prominens **Cenangium urceolatum.** *Ellis.*

Erumpens, olivaceo-atrum; cupulis urceolatis, ad basin attenuatis, extus pilis brevibus flaccidis adspersis, ore contracto, disco pallide-fuligineo; ascis clavato-cylindraceis; sporidiis arcte fusiformibus, hyalinis, uniseptatis, 15 = 4

Cenangelle

~~On twigs of *Clethra alnifolia.*~~

~~Cups usually single, $\frac{1}{3}$-$\frac{1}{2}$ mm. wide, erumpent, very prominent, mouth contracted when dry almost to a pore, disc livid; externally clad with delicate flaccid hairs; sporidia narrowly fusiform, uniseptate, ·015 × ·004 mm.~~ *Sphæronema clethrincola*, Ellis, in Bul. Torr. Club, is the stylosporous condition.

Hab. ad ramos Clethra alnifolia, New Jersey Amer. bor. Acervulo 0,3–0,5 mm. Net. Sphaeronema clethrincolum Ell. videtur ~~spermogonium~~ spermogonium.

Journ. Linn. Soc. XIV, p. 51. (Polyp.)

Hab. ad ramulos emortuos etc. Ceylon (Thwaites), forma rempiriata ad Sarawak, Bornei, Maleiae (C. Beccari). –

Fibrae 18-25 mm. latae, interdum postice attenuatae, atque vertice adfixae, postice sordide albae, pallide fulvae in partibus iuvenilibus; pori 1 mm. diam. Saepe rempiriatae atque late effusae. Ante hymenii examen adspectum offert plurimarum formarum Sterei hirsuti.

C. æquinoctialis (Mont.) Sacc

† 643. Cenangium æquinoctiale Mont. Guy., ~~mss.~~, n° 262, in appendice, et n° 452. — gregarium, erumpens; excipulo coriaceo initio globoso clauso helvolo-furfuraceo, tandem subcupulari-explanato; disco livido-fusco pulvere copioso sulphureo velato; ascis cylindricis 8-sporis; sporis ovoideis inæqualiter bilocularibus, monoliticis, 30=

Hab. Ad cortices in Guyana (Leprieur.) ~~Coll. n° 1343.~~

~~Desc. Excipula e cortice erumpentia~~, gregaria vel cæspitoso-confluentia, primo sphærica clausa, semen Cannabis magnitudine æquantia, dein hemisphærica aut pressione mutua irregularia, 1 ad 1 1/2 millim. ~~lata~~ discusque planus, ~~livido-fuscus~~, marginem crassum interdum flexuosum æquans, ~~in omni~~

/ 250 μ long.
15, limbo lato cinctus.
/ Ascomata

8

39/0079-4-93

(in Cooke Icon. n. 850, Dadalea
Linn. VIII p. 481, Fr. Epicr.

p. 693 – Pileo coriaceo applanato rugoso obsolete zonato, glabro e sanguineo expallente; hymenio primo porosa dein anguste labyrinthiformi pallide cinnamomeo

in India orient. (Wight)

♀ Hab. in ligno ernortuo, Ceylan (Thwaites) et ad Tweed River, Australiae (Guilfoyle). Poris confertis dadaloideis ~~Apparentiam praebet Daedaleae~~ sanguineae Klotzsch ~~simillima~~. Mycelium rhizomorphoideum. Pileus subtus ventroso, margine acuto – 7 cm. lat., 5 cm. lon.

C. æquinoctialis (Mont.) Sacc

† 643. Cenangium æquinoctiale Mont. Guy., ~~mss.~~, n° 262, in appendice, et n° 452. — gregarium, erumpens; excipulo coriaceo initio globoso clauso helvolo-furfuraceo, tandem subcupulari-explanato; disco livido-fusco pulvere copioso sulphureo velato; ascis cylindricis 8-sporis; sporis ovoideis inæqualiter bilocularibus, monostichis, 30= / 250 μ long. 15, limbo lato cinctis. / Asomata

Hab. Ad cortices in Guyana (Leprieur.) ~~Coll. n° 1343.~~

~~Desc. Excipula e cortice erumpentia~~, gregaria vel cæspitoso-confluentia, primo sphærica clausa, semen Cannabis magnitudine æquantia, dein hemisphærica aut pressione mutua irregularia, 1 ad 1 1/2 millim. ~~lata~~ discusque planus, ~~livido-fuscus~~, marginem crassum interdum flexuosum æquans, ~~in omni~~

14

Cenangella flavo-cinerea (Phill.) Sacc. Dermatea Phill in Grev. . . .

Cupulis gregariis sessilibus, initio semisphericis dein expansis; disco flavido-cyaneo griseo; margine pilis brunneis brevibus fimbriato; extus avellaneo brunneo; ascis clavatis 8sporis; sporidiis fusoideis rectis curvulisve, biseptatis v. 4 3-nucleatis 10-20 × 4-6 paraphysibus numerosis tenuissimis

Ad . . . 1 . . . . tis Cenanis . . . . . .

Dermatea flavo-cinerea. n. s.—Gregarious, sessile, at first hemisphærical, then expanded; disc yellow, or bluish-cinerious, margin fringed with short brown hairs, externally nut-brown; asci clavate; sporidia 8, fusiform, straight, or curved, uniseptate, or with three nuclei, ·01-·02 × ·004-·006 mm.; paraphyses numerous, very slender.

On chips. No. 990.

Cenangella

15

~~Fraxinus~~.

Journ. Linn. Soc. X, p. 321. –

17

♀ Hab. ad ligna emortua, Ceylan (Thwaites) et in Amer. centr. Costa Rica, Mexico, Cuba (C. Wright). – Cfr. Fr. Nov. Syst. p. 104 ubi ~~autem~~ ut formam F. flaccidi certet speciem praestiten, sed F. flaccidi ~~et~~ omnino similis describitur.

Cenangella radulicola (Fuck.) Rehm Disc. p. 231 Cenangium Fuck. F. R. n. 2073, Dermatea Fuck. Symb. p. 278.

~~2. D. Radulicola Fckl. — F. rh. 2073 (unter Cenangium).~~ — Cupulis sparsis, primo cylindraceis, clausis, demum apertis, ~~1—2 lineas~~ latis, calyciformibus, in stipitem crassum seorsum attenuatis, margine involuto, fuscis, striato-rugulosis, disco atroolivaceo; ascis stipitatis, elongatis, 8sporis, 128 ~~Mik. long. (pars sporifer.)~~ 150, 16 ~~Mik. crass.~~ 18; sporidiis lanceolato-oblongis, rectis curvatisve, continuis, 2—4guttulatis, hyalinis, 26 ~~Mik. long.~~ 18, 8 ~~Mik. crass.~~ 6; paraphysibus simplicibus, linearibus.

~~Auf altem Radulum aterrimum an entrindeten~~ Aesten von ~~Betula~~ alba ~~schmarotzend, sehr selten, im Frühling. Auf dem Frankensteiner Kopf im Mittelheimer Wald, bei Oestrich.~~

1 1—3 mm. 6 1—1,5 mm. alt.

1-septatis,

16

Hab. in ramulis Betulae, Radulo aterrimo tectis in Rheingau.

Merulius gigantaeus Sauter in Hedwigia, 1877. pag. 73; Winter, Pilze, pag. 397. –

Maximus, 16 – 18 cm. longus latusque e pluribus pileis imbricatis constans, spongioso-carnosus, uvidus, fusco-ferrugineus, zonatus, nitidus glaber, margine tumido, pileis amplis, gyroso-dentatis.

Hab. ad terram (?) in pilos Salzburg Austriae –

Cenang. parasitica (Fuck.) Rehm Disc. p. 232

(Fuck. Symb. Appr. I p. 43

* **C. parasiticum** ~~nov. sp.~~ — ~~Fungus pycnidium Sphaeronaema caespitosum †. F. rh. 2147, Symb. m. p. 399. est.~~ —

Fungus ~~ascophorus~~. Cupulis demum in ~~fungi stylosporiferi~~ pycnidii caespitulis ortis, orbicularibus seu irregularibus, subsessilibus, 1 - 2 MM. latis altisque, primo turbinatis, subclausis, demum perforatis, apertis, tandem explanatis, extus margineque valde elevato, involuto, densissime, brevissime velutinis, pallide sordido-fuscis argillaceisve, vel quandoque margine parum pallidiori, disco griseo, carnoso; ascis linearibus, 8sporis; sporidiis monostichis, ovatis, utrimque obtusis, didymis, medio constrictis, pallide flavis, 6—8 ~~Mik. long.~~, 3—4 ~~Mik. crass.~~

Nachdem ich die ~~Subaeronaema wiederholt, jedoch immer in~~

Hab. parasitica in Sphaeronaema caespitoso ad Acerem platanoides in Rhenogoria Lec Fuck. Sphaeronema est pycnidium Cenangellae.

17

Journ. Linn. Soc. XIV, p. 51.–
Hab. in ligno emortuo, Ceylan (Thwaites), in montibus Neilgherriensibus, et forma omnino resupinata, hymenio laete citrino, Sarawak, Bornei (C. Beccari).– Pileus 2½ cm. latus, 18 mm. longus; hymenium varians carneus, luteo olivaceus; pori ⅔ mm. lat: Saepe resupinatus.

Conang. Morthier. (Fuck.) Sacc. Conangium

(Fuck. Symb. p. 272 t. IV f. 47.

29. C. **Morthieri** ~~nov. sp. Fung. integr. — I. Fungus pycnidium. Micula Mougeotii Duby. Kl. Hb. myc. 636. — F. rh. 1763. (apud Tymp. Frangulae). — II. Fungus ascophorus. — F. rh. 2278.~~ — Cupulis caespitosis seriatisque, primo tenuibus, valde excavatis, extus albo-farinaceis, demum disco crasso, plano, atro, distincte marginato; ascis oblongis, breviter stipitatis, 4sporis, 80 ~~Mik. long.~~, 10 ~~Mik. crass.~~; sporidiis monostichis, oblongis, utrinque parum attenuatis, subcurvatis, continuis uniseptatisve, 2guttulatis, fuscis, 16 ~~Mik. long.~~, 4 ~~Mik. crass.~~ ~~Tab. IV. Fig. 47. ascus cum endosporis.~~

~~I. u. II. in Gesellschaft an dürren, berindeten Aesten von Rhamnus alpina,~~ nicht selten, im Frühling. Im Jura von Morthier entdeckt. Ein schönes Beispiel des genetischen Zusammenhanges zweier Pilzformen. Bevor ich die vorliegende Schlauchform kannte, glaubte ich, dass die Micula Mougeotii zu Tympanis (Pezicula) Frangulae gehörte, was ich hiermit berichtige. Aus denselben Räschen sprossen beide Fruchtformen hervor. Von Pezicula Frangulae weit verschieden (siehe diese).

Conangelle

Hab. in ramis corticatis Rhamni alpina in Jura Helvetica (Morthier) Status pycnidium est Micula Mougeotii Duby

18

Phoangella Sacc. Sporidia colorata.

P. Cejoderma Mont. Syll. p. 168 n. 538 (Polyp.) DC 5338

Pileo coriaceo lento tenui, semiorbicularis, aut reniforni, obsolete stipitato, lignicolori, polyzono, poris medis, obscuris, cinerascentibus, postice pubescentibus

Hab. ad cortices seriatim connatus Guyana Amer. austr.

Rij (Leprieur)

835

39/0079-4-30

P. simplex aut
intus fuscidula.

Cuba (Ramon)
observata. Gr.

Cenangella Ulicis (Cooke) Sacc. Dermatea Cooke in Grev. III p. 186

Caespitula v. sparse sub-stipitata; cupulis initio turbinati dein expansis extus nigro-brunneis furfuraceis 1-2 mm. lat.; disco concavo obscuriore; ascis clavato cylindraceis; sporidiis ellipsoideis 1 septatis brunneis 12=5; paraphysibus subclavatis apice brunneolis.

Hab. in ramis Ulicis Europaei, Scire Britanniae. Ascoma extus coffeicolor.

Cenangella

19

15-4-0200/38

K. Fouc. № 216

Scleroderris fuligineola

Cenangella deformata (Peck) Sacc. Cenangium Peck 28 Rep. Stat. Mus. p. 68
Minutum sparsum v. congestum initio inaequale v. sub-sferico dein apice
apertum sfoideum margine irregulari v. rupto nigrum; sporidiis sti-
patis ellipsoideis endocromate bipartito demum coloratis et 1-septa-
tis 26-32 μ. long.
Hab. in corticibus emortuis Juniperi virginianae, Greenbush Amer
Bor. – Species initio sphaeriformis saepius seriata –

20

6

| Bull. Acad. Bruxell. V (1840) p. 376

[illegible]

[illegible]

[illegible] | applanata,

283

♀ Hab. ad truncos arborum, Cubae, Amer. centr. (C. Wright), in Guyana et Brasilia, Amer. merid. — Odore myrrhae distincte (pecu). Pileus 11 cm. long., 17 cm. lat., 7 mm. cr.

Cen. Cesati Sacc.

Patellaria? Tympanis? Cel. Born. p. . . . .

Tota aterrima, erumpens per greges lineares e ligno, primitus turbinata clausa, serius patellaris margine incrassato interdum crenulato; Fructificatione ascospora compacta, sed caeterum incerta; Sporis ~~una altera~~ ~~rave in lucem prodiit ex typo *Diplodiae*; et tunc eorum memini, quae de *T. Ligustri* citat Cooke (*Handb. of Brit. Fung.* II, p. 723): « *In the same hymenium the fruit of a Diplodia and that of a Tympanis were present* ».~~

Hab. Etich River in ditione Sarawak.

Qui corticibus

diplodioformibus.

21

Ceylan Fung. p. 629 m.

Journ. Linn. soc. XIV, p. 69. –

♀ Hab. ad ligna emortua Peradeni et Pedrotallagalla in ins. Ceylan (Thwaites, C. Beccari). – Circiter 12 mm. lata. – Species elegantissima, habitu C. Oakesii.

12

F. Brasiliensis, Fr. El. f. c. Linn. V. p. 511. t. 11. f. 1. Ep. p. 498

Pileo carnoso tenuo spathulato - obovato glabro laevi albido, in stipitem brevissimum sublateralem porrecto, alveolis oblongis obtusis pallidis. — 19

Hab. in America ~~meridionali tropica~~: ad ligna emortua et truncos putridos, Sikkim Indiae, Texas Amer. faedes. Cubae (C. Wright), Minas et Rio Grapajos Brasiliae (Gardner, Traill) in insula oceanica Java. Pileus 5-8 cm. latus, 4 cm. longus, tenax, superne inaequatus, margine acuto; stipes 4-8 mm. longus, crassus, basi dilatatus.

C. stegioides (Speg.) Sacc.

69. **Dermatea stegioides** Speg. ~~n. s.~~ Ascomatibus primo subcutaneis, clausis, dein epidermide operculatim circumscissa sed permanente subvelatis, disciformibus, extus cinnamomeis, granuloso-tomentellis, disco cinereo v. subroseo, concavo, prominulo, $^1/_2$–1 mill. d.; ascis cylindraceis paraphysibus filiformibus obvallatis, 35–40 ≈ 2–3, octosporis; sporidiis distichis, cylindraceis v. clavulatis, non v. tenuissime 1-septatis, ad septum non constrictis, hyalinis, 5–6 ≈ 1–1$^1/_2$.

Hab. Ad ramulos emortuos Quercus sessiliflorae ~~ad~~ *Colfosco*, ~~Majo 1879, rarissime.~~

Nel. Gov.

/ Mich. I p 671

5

Polystictus Gilicioides Fr. Nov. Symb. Myc. 87

Pileo coriaceo-membranaceo, tenui, tenaci, at mollis flexuosque flabelliformi basi lata sed angustata sessili, applanato sudzonato, fibris rudibus versus margine decumbenti porrectis undique setoso-strigoso e fusco canescente) strato intermedio tenuissimo albo, parietibus dendroidis sinuosis acutis pallide ligneo-fuscis.

819

Hab. ad truncos in Archipelago indico (Cuming et Philippini) - Desuper inspectus mox Thelephoram laciniatam in memoriam revocat et a P. versatili Berk. plane diversus apparet. Pileus 3,5-4 cm. longus latusque indumento setoso-fibroso fere Trau. hydnoidis ad decumbente. Hymenium 2 mm et ultra cr.

269 12

C. dolosa Sacc. Consp. gen. Disc. p. 9

| Mel. I p. 58

207. **Cenangium dolosum** Sacc. et Sp. ~~sp. nov.~~ Cupulis sparsis corticolis, innato-erumpentibus, initio et siccis clausis, udis urceolato-apertis, fibrosis, coriaceis, duris, exterrimis $^1/_2$–$^3/_4$ mill. diam., ascis clavatis breve crassiuscule stipitatis, 80–100 × 10–13, paraphysibus filiformibus obvallatis, octosporis; sporidiis subdistichis, biconico-fusoideis 22–25 × 6–7, medio constricto-1-septatis. rectis curvulisve, 4-guttulatis, hyalinis.

Hab. in ramulis corticatis Coryli Avellanæ *Conegliano*, ~~Dec. 1875~~ (SPEGAZZINI).

~~*Obs.* I. A *Cenangium Coryli* Cda Icon. V. t. IX. fig. 63 certe diversum.~~

4

Cyclomyces Greenii Berk. - Hook. Lond. Journ. IV, p. 306. t. XI f. 1. - Pileo orbiculari, undulato, sublobato, zonato, tomentoso cinnamomeo, marginem versus lineis paucis notato; stipite centrali, obconico; lamellis demum cinerascentibus.

Hab. in Massachusetts, Amer. foeder. (Greene, Sprague) et in muscosis ad marginem viae sylvae vetustae, Sterling, New York (Peck). - Pileus 2½-9 cm. latus. In specimine Peckiano pileus turbinatus l. obconicus minimeque undulato lobatus vel zonatus; pro nova tamen specie habendum non censet auctor ex eo quod unum tantum individuum legit.

Q Pay. Cr. p. 117 f. 543

Cenangella Picea (Pers.) Sacc. Peziza Pers. M. E. I p. 269, Mollisia Quel. Ench. p. 318, Pezizà abieticola Nyl. Pez. fenn. p. 52, Dermatea Picea Rehm Disc. p. 257 Cenangium farinaceum Fuck. Symb. p. 269.

~~10. C. farinaceum nov. sp.~~ — Cupulis sparsis, erumpentibus, sessilibus, 1—2 mm. ~~mm.~~ latis, primo clausis, subglobosis, demum apertis, concavis, disco pallide fusco, extus fuscis, albo-farinaceis subglabrisve, margine incurvo; ascis clavatis, stipitatis, 8sporis, 96 112 ~~Mik. long.~~, 10 ~~Mik. crass.~~; sporidiis in asci superiori parte inordinatis, lanceolatis, plasmate medio diviso, hyalinis, 16 18 ~~Mik. long.~~, ~~4 Mik. crass.~~ 5-6

1 2-cellularity

~~An der unteren Fläche dürrer Nadeln von Pinus pectinata, sehr selten, im~~ Herbst. ~~Im Park~~ zu Reichartshausen.

~~Den vorigen ähnlich, jedoch durch die angegebenen Merkmale bestimmt davon unterschieden.~~

3

Hab. in pag. inf. foliorum Abietis pectinatae in Rhenania, Tyrolia, Helvetia, Fennia.

L North Am. Fungi n. 169

Hab. ad ligna putridissima in Carol. inf. Amer. foeder. – Vix 2 mm. latitudinem excedens, margine pallidior. Minutissimus sed planus distinctus.

25

7. T. amphibola (Mass.) Karst. Symb. p. 252.

Apothecia sessilia, sparsa, solitaria, raro subcaespitosa, primitus clausa et subsphaeroidea, deinde aperta et concava, tandem planiuscula, et tenuiter marginata aut convexiuscula et immarginata, nuda, rugulosa, nigra, latit. circiter 0,5 mm. Asci clavati, obtusi, longit. 65—80 mmm., crassit. 9—11 mmm. Sporae 8:nae, elongatae, utrinqve acutatae, simplices vel spurie 3—5-septatae, rectae, incolores, longit. 14—24 mmm., crassit. 3—4 mmm. Paraphyses filiformes, graciles, [illegible]

8. T. pithya Karst. M. F. I, p. 228

Apothecia erumpentia, solitaria vel in caespitulos socia (2—4 insimul), demum stipitata, nigra, parv[illegible]

p 8-16-1900

p Cn. pithya (Kar.) Sum.

Tympanistri Tul. Sel. Fung. Carp. III, p. 151, t. 19, f. 10—12.

Apothecia caespitosa, raro solitaria, substipitata, nigra. Capula primitus clausa et sphaeroidea, demum aperta, concava, margine obtuso vel evanescente, epithecio tandem dilutiori, nuda, latit. circiter 0,5 mm. Asci elongato-clavati, obtusissimi, subsessiles, longit. circiter 100 mmm., crassit. circiter 11 mmm. Sporae 8—16-nae, ovoideae, uniseptatae, incolores, longit. 8—9 mmm., crassit. 3,5 mmm. Paraphyses filiformes, simplices, apice clavatae fuscescentes et conglutinatae. — Spermogonia vulgo caespitosa, modo segregata nunc apotheciis mixta, primitus subsphaeroidea, mucronulata, demum ovoidea, nigra, cavitate simplici confossa. Spermatia elongata, simplicia, recta, longit. 3,5 mmm. Sterigmata filiformia, ramis strictissimis multibrachiata, longit. 35 mmm.

Syn. *Tympanis pinastri* Nyl. Obs. p. 73.

Exsicc. Rab. Fung. cur. ed. II, 33 (sub nomine *Lecanidii atri*). Karst. Fung. Fenn. 755.

Hab. In corticibus *Abietis excelsae* recens demortuae in Fennia meridionali et media (Wasa) passim obvia, perennis.

Hypothecium (lamina tenui) fuscescens.

Var. macrosporum Sacc. F. ital. fig. 1308.

Cenangella

I. Eu-Cenangella. Sporidia subhyalina

Cen. Pinastri (Tul.) Sacc.

8—16-sporis

Tet pectinata

Galliae, Germania, Italia, Belgio, Americ. bor.

mont.
litaria aut caespito
pulverulenta, albi
l cubana) vi in
tata ascophora non
610-
longa, ½ mill. c

(North Am. Fung. n. 120

Hab. in Carol. inf. Amer. foeder. (Curtis). – Resupinatus, pluripollicaris, primitus membranaceus poris 1 mm. diam.

2. T. spermatiospora Nyl. Obs. p. 70.

Apothecia erumpentia, solitaria vel in caespitulos sociata (plerumqve 2—5 insimul), sessilia aut subsessilia, atra vel nigra, ab initio clausa sphaeroideaqve, deinde aperta, marginegve subinaeqvali, nuda,

m.

m.,

to-

Hymenochaete fimbriata Ell. et Everh
Resupinata suborbicularis, 2–8
neo, laciniato-fissio vel grosse f
~~cras~~ stratum crassum, moller
matrice distinctum efformante ex f
subinflatis ~~eff~~ composito, su
partim umbrinis vel castaneo-
minentibus
Hab. ad ramos Pini Murray
Montana Americae borealis (

h

Polyporus barbatulus Fr. Nov. Syst. Myc. p. 47, Nav. Fung. Carol. Fasc. 2, N.° 19. Pileo effuso-reflexo coriaceo tenui tomento strigoso-hirsuto albo-canescente, cum textu floccoso albo, poris majusculis angulatis inaequalibus acutis, demum dentatis lineis fuscis.

818

ad ramos truncosque mortuos imprimis Juniperi

Hab. in Texas, Amer. foedes. (Bigelow) et Carolina inferiori (Curtis)

Habitus Hexagonae sericeae at bene distinctus, potius cum P. arctico et abietino et ex indumento cum priori comparandus. Nunc minor 12-25 mm. latus conchato-reflexus, nunc late expansus, totus tenuis, flexilis, unicolor.

39/00149-4-1

268

Cenangella Sacc. Consp. gen. Disc. p. 9 (1884), Rehm Disc. p. 229 (Etym. demin. a Cenangio) – Ascomata erumpenti-superficiali, subinde basi crassa subtiplata, ex orbiculato patellata, ~~coriacea~~ coriacea, varius subcornea, brunnea v. atra, sicca varie contorta. Asc. elongati v. clavati, octospori; paraphyses; sporidia oblonga v. fusiformia, 1-septata, subhyalina v. varius colorata – Nipteral Rhododendri (Cr.) De Not. [Pezza (supra n. 1997) Cr. Bot. Zeit. 1854 p. 186, Velutaria Rehm Ascom. n. 253], praeunte ipso Rehm Disc. p. 230 potius Cenangella speciem sistit

9

Sect. 3 Didymosporae Sacc.

56

C. Ravenelii (Berk.) Sacc

~~760.~~ **Tympanis Ravenelii.** *B.* Sparsa vel fasciculata; cupulis breviter pedicellatis marginatis, disco cinereo; sporidiis biconicis commissura medioque constrictis.

~~On branches of *Carpinus*. Car. Inf. No. 2018, 1816. Ravenel. No. 1676, 1816. On *Ilex prinoides*. Alabama, Peters. No. 3989.~~

Scattered ~~or fasciculate, cups strongly marginate, shortly~~ pedicellate, disc cinereous; sporidia biconical, the divisions and commissure ~~constricted, with~~ occasionally ~~a~~ globular body ~~at the commissure~~, 0013-0015; ~~paraphyses crowned~~ with narrow obovate ~~conidia.~~

L North Am. Fungi n. 760

(34-36 μ long.; paraphysibus clava obovata (conidio?) terminata

6

Hab. in ramis Carpini et Ilicis in Carolina inf. et Alabama Amer. bor.
Prope septum sporidiorum subinde adest nucleus peculiaris.

Fr. + Hymen. Eur. p. 593 f.-

φ Hab.

~~Ora Europa~~ f. fragmenta,

f. quercinos etc. in Europa, Carol. inf.

Amer. foeder., in Quercu, Alabamae (Peters), ad candices pinos, New York (Peck).

φ Mer. pauciovum (Pers.) Duby Gall. II p. 796.

28

Cenangella vernicosa (Fuck.) Sacc. Fuck. Symb. p. 268 Dermatea Rehm Disc. p. 262

Cenangium ~~β.~~ **C. vernicosum** ~~F. rh. 2072. I. u. II.~~ I. Fungus pycnidium. Sphaeronaema polymorphum Awd. in ~~schedis.~~: Cylindraceum, obtusum, ½ ~~lineam~~ mm altum, aterrimum, nitidum, gregarium; stylosporis cylindraceis, rectis, minutis, hyalinis. — ~~II. Fungus ascophorus.~~ Cupulis subsessilibus, concavis, marginatis, aterrimis, nitidis, ~~½~~ 1 mm diam., disco nigro, opaco; ~~ascos et sporidia matura nondum vidi.~~

~~I. u. II. in Gesellschaft auf berindeten Aesten von Prunus Padus, I. nicht selten, II. selten, im Winter. Im Schlosspark zu Biebrich.~~

~~Steht dem Cenangium Cerasi β Padi Alb. & Schw. Consp. p. 345 am nächsten, unterscheidet sich aber von demselben durch die ganz glatte Oberfläche. Zu letzteren gehört als Pycnidienform Sphaeronaema brunneo viride Awd. in schedis. Beide fand ich hier noch nicht.~~

⊥ gregarius, innato-erumpentibus dein parcis clavatis, apice rotundatis vix crassis 70–80 = 10–12, 4–8-sporis; sporidiis fusoideis, rectiusculis, dein 2–6 cellularibus 12–15 = 4–5, hyalinis; paraphysibus furcatis, septatis, apice clavulatis, brunneo-flavis 4 μ cr.

Hab. in ramis corticatis Prun. Padi pr. Biebrich Rhenaniae et in Ardennis. Rehm + gen.

8

Cerati: Myc. Born. p. 8. --

| 1 cm.

Hab. ad Sarawak? Borneo, Malesiae (O. Beccari). –

50

Cenangella Erica (Niessl) Rehm Asc. p. 272

Cenangium Ericae ~~Fries~~ nec Phill.
~~S. M. II. pag. 188.~~

~~*Pestalozzia Callunae Cesati in Rbh. fungi cur. Nr. 161. Fungus pycnidium.*~~

~~Cupula ascigera~~ solitaria, nunc sessilis basi contracta, nunc substipitata, corrugata rugulosave, ore compresso-connivente, in statu humido aperta, nigra, disco griseo-albescente; ascis clavatis in stipitem brevem attenuatis, apice rotundatis, 8sporis; sporidiis distichis oblongo-lanceolatis, utrinque attenuato-rotundatis, medio 1-septatis constrictisque, hyalinis guttulatis. Paraphyses ascorum longitudine apice, incrassatae interdum ramosae, hyalinae. ~~Fungus pycnidium: Cupula~~ solitaria, subcoriacea, subimmata, fusco-atra „plerumque oblonga haud raro compressa, cito vertice rupta et nunc ob contractionem marginum facile Cenangium fingentia"; stylosporis fusiformibus, curvulis utrinque obtusiusculis, pedicellatis hyalinis, 3septatis.

Hab. In ramulis foliisque siccis Callunae vulgaris pr. Liezen et Voitsberg Stiriae ~~aestate~~ et In montibus dell'Oropa (Pedemont.) ~~mense Aug.~~ Cesati. Status pycnidius, teste Niessl est Pestalozzia Callunae Cess.

/ Niessl Beitr. p. 61 t. VII f. 4-6

r 0,5–1 mm. lat., membranaceo-coriacea

/ 70-90 = 8-10

⊥ 15-18 = 3-4

19

51. Cyc.

Sessil,
tenui-mem'
fusco-ci
sulus, c
diam., vix 1
centricis, ten
subun

(Mycet. Malac. n. 51 t. I f. 5

(in poenins. Malacensis (Scortechini)

~~109.~~ Dermatea Rhododendri Rehm ~~(sub Helotium in Ascom.)~~ Disc. p. 248 Helotium Rehm Ascom. n. 109

~~Perithecia~~ ascomata per epidermidem fissam erumpentia, plerumque gregaria, sessilia vel brevissime stipitata, primitus plana, orbicularia, distincte marginata, sicca, subcorrugata, extus fusca, scabra, disco flavido vel viridi, parenchymatico, fusco ~~contexta~~ contexta, margine pseudoprosenchymatico, 0,5—2 mm. diam. Asci clavati, in stipitem elongati, 8-spori, ~~80~~-90 = 10. Sporidia elliptica vel elongato-ovata, 1-cellularia, plerumque 1—2 nucleolis praedita, denique bicellularia, hyalina, disticha, ~~11~~-18 = 4,5-5 Paraphyses filiformes, haud clavatae, hyalinae, ~~6~~ 2,5 ~~μ~~ μkr. ~~crassae~~ ~~Jod coeruleseit apicem ascorum.~~

Ad ramulos siccos Rhodod. ferrugin. in alpibus editis Tyrolensibus.

Cenangella

Nomen ~~hoc~~ mutavi, quia generi adscribendae homonyma Cenangella

Rhododendri (Ces.) Rehm.

Cen. Rehmiana Sacc

10

Syll. Crypt. n. 554

Pet in pæninsul. Malacca (Scortechini) S. et P. Myc. Mal. n. 53:

Are

bitu inaequaliter 4-5 lato, 2-2 ½ cm. longo

1 mm. crasso, brevissime stipitat

Marchalia Sacc. (Etym. a cl. botanico belgico E. Marchal) Rhytismatis spec. Auct. Acervulis per matrem breve v. late atratam tuberculosam v. bullosam, postulosa- v. sinuoso-erumpentibus, ex uncoloro ~~Dermatomata~~ scutellata. Asci elongati v. clavati, typice octosporii. Sporidia ovato-oblonga, 1-septata, hyalina v. fuscella. —

(Est Rhytisma sporidiis ovato-oblongis, 1-septatis.

8

Poria vixosa Kerst. in Thüm. M. Ell. n. 1204. Myc. Fenn. III p. 272 (Blyt)
Polyporus croceus Nyl. sec Fr.
Effusa, ferrugineo-fulvescens, demum crocea, ambitu byssaceo
contexto, ochraceo-pallido, submicans; poris curtis tenuibus, angulosis,
(Dein saepe laceris, raris, sat minutis, 100–500 μ diam

Hab. ad lignum abietinum Vasa, Tammela, Abo Tennilae

aliae diversa a Poria crocipora B. et C. ?

992

55

391

M. spurcaria (B et Br.) Sacc. Rhytisma B. et Br. F. of Ceyl. n. 1131

~~1131. R. SPURCARIUM, B. & Br.~~ Maculis tenuibus orbicularibus, hic illic rimulis granulisve marginalibus apertis; ascis brevibus; sporidiis obtusis, medio contractis, uniseptatis ~~(no. 422)~~. 125μ long.
~~On leaves of *Artocarpus integrifolia*. Peradeniya, Dec. 1867.~~
~~Sporidia ·001 long.~~

Hab. in foliis Artocarpi integrifolia, Peradeniya Ceylon.

Stereum stratosum B. et Br. Ann. Nat. Hist. (1883). p. 372, No. 2027. – Effusum nitide ochraceo-album, glabrum, demum lutescens, hic illic rugoso; contextu pallido, stratoso, stratis demum separantibus.

Hab. supra cortices Penzance in Britannia. –

145
45

sporum, B. C.: stromata

M. constellata (B et Br.) sec Rhytisma B. et Br.

1132. ~~R. CONSTELLATUM, B. & Br.~~ Maculis orbiculatis, granulis marginalibus circinantibus circumdatis; ascis clavatis; sporidiis elongatis, asperulis uniseptatis, 15–23 μ longis.

~~On the same leaves with the last.~~

~~Sporidia ·0006–·0009 long.~~

Hab. in foliis Artocarpi integrifoliae Peradeniya Ceylon.

Sepiotrochila radiata

K. Coll. 245

Mont. Pterygotæ (B et Br.) Sacc. Rhytisma B et Br. Fung. Ceyl. n. 1129

~~1129. R. Pterygotæ, B. & Br.~~ Orbiculare, tenue, cellulis irregularibus quandoque circinatum; ascis late ellipticis; sporidiis oblongis uniseptatis extus gelatinosis; spermatiis oblongis minimis.
~~On leaves of *Pterygota alata*. Peradeniya, April 1866.~~

Hab. in foliis Pterygotæ alatæ, Peradenya Ceylon

Fr. Hymen. Ener. p. Chili.
cf Hab.

187

M. Placenta (B et Br.) Mont. Rhytisma B et Br. Fungi of Ceyl. n. 1130

~~1130. R. PLACENTA, B. & Br.~~ Parvum, orbicularis, cuticula demum marginem versus rupta; ascis brevibus; sporidiis oblongis obtusissimis uniseptatis medio constrictis ~~(nos. 409, 420)~~.

~~On leaves of *Symplocos spicata*. Peradeniya, Nov. Dec. 1867. On *Pavetta indica*, β. Peradeniya, Dec. 1867.~~

It is possible that these ~~may be two distinct~~ species. ~~In no. 409 sporidia ·0012 long, in no. 420 ·0006 long.~~

130 μ long.

Hab. in foliis Symplocis spicatae Peradeniya. Var. microspora: sporidiis 15 μ long. In foliis Pavettae indicae Peradeniya.

(Fr. Epicrit. .... + Hymen. Eur. p. 644 ....).–
♀ Hab. t'in Europa.–
∆ sporis ovoideis vel ellipsoideo-sphaeroideis, hyalinis 5-6 = 3 circiter.

190

M. maculosa (B et Br.) Sacc. Rhytisma B. et Br. J. of Cryp. i. 1126

1126. ~~Rhytisma maculosum, B. & Br.~~ Orbicularis, tenuis, margine tenui celluloso; cellulis minutis numerosis granulæformibus; ascis vibus late obovatis; sporidiis oblongis obtusissimis, centro contractis, uniseptatis ~~(nos. 426, 497)~~, 25 μ long.

On ~~leaves of *Sterculia alata*, Roxb. Peradeniya, Nov. 1867. On *Cansjera Rheedii*, Gmel., July 1868.~~

~~Margin composed of radiating elongated cells; sporidia ·001 long.~~

Hab. in foliis Sterculiæ alatæ, Cansjeræ Rheedii, Peradeniya Ceylon.

Hymenochaete crocata Lév. in ann. Scienc. Nat. 1846 p. 151

(Fr. Epicris. ... + Hymen. Eur. p. 641 ...)

φ Hab.

+ Funius e tuberculo expansum maculas sistit orbiculares, aliquot millimetrorum, matrici arcte adnatas, margine prominulo villoso, senium magis dilatatae, 1½ cm. usque. — Sec. Cooke in Grevillea VIII p. 145 setae validae 80 – 12

spora ellipsoidea 8 μ long.

M. Porrigo (Corke) Sacc.

Grev.....

Rhytisma porrigo, Corke

Epiphylla. Maculis orbicularibus, convexis, atris, opacis (2 mm. diam.) circinato-fissuratis. Ascis clavatis. Sporidiis ellipticis, arcte ad medium constrictis, fuscis, utrinque obtusis ~~(·022–·025 × ·012 mm.)~~ 22–25 × 12, paraphysibus copiosis, superne fuscis.

~~On leaves. Inanda, Natal. (Wood, 660.)~~

Hab. in folio, Inanda Natal Africa

Coyle Syn. VIII p. 420 1906

~~Journ. Linn. Soc.~~ Cuban Fungi n. 420

Hab. ad caudices emarcid os in sylvis Cubae Amer. centr. (C. Wright) et in Venezuela Amer. merid. –

5 cm. vel ultra lata; pileus rugosus; hymenium Polypori scruposi simile. ~~Pili~~ Setae numerosae acutae, 60 – 75 = 5

15

(2

M leptospila (B et C) Sacc. Rhytisma B et C. Cub. Fung. n. 721

~~721. R. LEPTOSPILUM, B. & C.~~ Stromate tenui orbiculari atro-fusco medio hic illic demum rimoso; ascis clavatis; sporidiis ellipticis obtusis uniseptatis demum medio contractis. ~~(537.)~~

~~On leaves of *Lauraceæ*. May. Sporidia diplodioid; spots not one line broad.~~

Hab. in foliis Lauraceæ in insula Cuba — Macalæ vix 2 mm. lat.

Ic. Fr. Bench. I p. 111

♀ Hab.
t. Pennsylvaniae (Michener), New England (Sprague).—

M. sparsa (P. et C.) Sacc. Rhytisma P. et C. Bot. Gazz. .....

Stromata exigua, tenuia, sparsa, vix 2 mm. lata, subarcuata, convexula, nigrescentia, rimis 2–3 inaequalibus dehiscentia; asci obovati v. ellipsoidei, 8 spori; sporidia oblonga, hyalina, dilute colorata, 20–25 μ long., ad septum tenue constricta, loculis subinaequalibus.

Hab. in utraque pagina foliorum Sabal Palmetto Florida (Clinton)

Stromata punctiformia, in pagina aversa maculas flavas efficientia.

Hymen. Mougeot (Fr.) Ce Gravillet p. 14)

(Fr. Epicris. + Hym. Eur. p. 654 ...) ..

φ Hab

f' in ins. Ceylan (Thwaites) e in Nepal Indiae (Hooker)

setis acutis, bo = 8

28

27

Fr. Hymen. Eur. p. 571 (Bkgr.)
Hab.

82

M. plicina (B. et Br.) Sacc. Rhytisma B. et Br. F. of Ceyl. n. 1127

1127. ~~R. FILICINUM, B. & Br.~~ Maculis suborbicularibus tenuibus, cellulis elongatis flexuosis tenuibus; ascis clavatis; sporidiis oblongis angustis uniseptatis ~~(no. 453).~~ 12-14 μ long.

On fronds of *Alsophila gigantea*. Galagama, central province, May 1856.

Spores ~~·0005 long.~~

Coming near to *Lembosia*, Lév.

Hab. in frondibus Alsophila gigantea, Galagama Central Province Ceylon - Lembosia subaffinis.

10

M. astrocaryi (Mart.) Sacc. Phyllosticta

~~† 657. R. Astrocaryi~~ M~~ont.~~ (Guy., ~~mss.~~, n° 457. — epiphyllum, sparsum, tenue) irregulariter oblongum, confluens, atro-fuscum, opacum, demum costis elevatis rectis hysterinis rimose ruptum secedensque.

Hab. Ad folia *Astrocaryi vulgaris* in Guyana frequens (Leprieur) Gel. n° 1120.

Desc. Maculæ gregariæ, tenuissimæ, fragiles, secedentes, quoad formam magnitudinemque variæ, centro nigrescentes, ambitu fuscæ. Mox costæ lineares, rectæ, directione variæ sensim elevantur, quæ tandem rimosæ seu labiatim dehiscunt. ~~Asci breviter clavati, sporas 8-oblongas biloculares fuscescentes fovent.~~

(asci breviter clavati, 8-sporis; sporis bilocularibus, fuscescentibus)

⊥ (Polyp.)

(.... + Fr. .... ++ Hymen. Eur. p. 575 ....). –

Hab. + in Europa, ad ligna emortua, Ceylan (Thwaites), ad truncos prostratos in Carol. inf. Amer. bor. –

121

Stegia Fr. Obs. II p. 352 ( ) [Stym. stege tectum] Stegilla Reich., Lestogra Fr. superius, Sphaerothyrium Walr. Ascomata ex ~~arcolato~~ subtellato disciformia, cera cea, fuscanigricantia, parte superiore cum epidermide sopina atrata concreta et cum hac operculatim aperta. Asc. tereticlavati, octosporii, Sporidia ovato-oblonga, continua, hyalina

(Paraphyses plerumque lanceolata

5

39/00 19-3-4

Journ. Linn. Soc. X, p. 318. (Potyp.)

♀ Hab. ad basim truncorum veterum,
Cubae, Amer. centr. (C. Wright). – Pori ½ mm. diam.

1033*

103

Pori

3. E. *Ilicis* innata, margine albido annulato, operculo plano caduco, ♀ Cfr. ~~S. M. l. c. p. 533.~~ ~~*Chev. par. p. 443.*~~

♀ Xyloma concavum. *Grev.! Ed. p.* 368. Sph. complanata. *Moug.! et Nestl. Exs. n.* 82,

~~Habitus utique praecedentium et vera Eustegia vide dr. Peritheciа nitida, atra, subcinerascentia, margine albido-annulari. Operculo deciduo discus (interior) cinerascens, ascis erectis.~~ ♃ *In foliis Ilicis.* (~~v. s.~~)

Fr. Eleod. II p. 312, ♀

~~1. S. (Pyrenostegia) Ilicis~~ (Chev.) ~~Fr. S. v. Sc. p. 370. — Eustegia I. Chev. Fl. par. p. 443. — Fr. El. II. p. 112. — F. rh. 1589.~~ ♀ Ascis elongatis, longe stipitatis, 8sporis, 90 ~~Mik. long.~~, 11 ~~Mik. crass.~~; sporidiis oblique monostichis, oblongo-ovatis, utrinque obtuso-rotundatis, continuis, hyalinis, 12 ~~Mik. long.~~, 4 ~~Mik. crass.~~

~~An der oberen Fläche dürrer Blätter von Ilex aquifolium, nicht selten, im Winter. Im Schlosspark Reichartshausen.~~

Recte observante Rehm habitus Stegiae sed fabrica poltus Trochilae.

North Am. Fungi n. 145

108

Hab. in Louisiana, Amer. foedet. (Dr. Hale). – Pori 1/3 mm. lati.

ad Fomes

North Am. Fungi n. 148

104

Hab. supra Salvias ramos contegens, in Carol. inf. Amer. faedes. et Pad ligna corrupta, Goat Island, New York (Clinton). - Peri 1/4 mm. diam. Affinis P. vaporario.

Fr. Obs. II p. 351 — Eustegia Fr. S. M. II p. 533, Stagilla Rab. Pilze p. 165
Sphaerothyrium Walr. Cryp. n 2356

EUSTEGIA *discolor*. ~~l. c.~~ t. 8. f. 2.

~~Perithecii pars inferior~~ Pezizæformis, submembranacea, atra, ~~margine concolori prominente cingens~~ operculum convexum, ~~disco~~ leviter papillato-umbonatum deciduum fusco-rufescens; ~~intus albida, dein evacuata cava.~~ ~~Ad~~ *asseres pineos*, ~~nunc vere.~~ (v. s.)

~~Obs. S. complanata Ilicis Moug. & Nestl. n. 82. innata quidem, sed circumscissa dehiscit. An hujus generis.~~

(~~Ascomatis~~ Infra v intus albida, dein evacuata cava.
L in Suecia, Gallia, Germania

Fr. Epicris. + Hymen. Eur. p. 514. –
q Hab.

Pritz. Bol. fig. 24.

q. pon. 12–14 = 6

149

Stigma penetrata (R. et Dem.) Rehm Disc. p. 156

Stictis penetrata Rob. & Desm. 19 Nov p. 26 (nec Lambotte) – sparsa, parexigua, innata dein per epidermidem aperculatim diffracta dehiscentia; disco tenui tricoqualiter marginato, subplano, mellico, 0,3–0,5 mm lat., orbicular. v. subelliptico; asci elongati, 50 μ long.; sporidia oblongo, 7 μ long., 2 guttata; paraphysibus sublanceolatis, apice acutis, ascum superantibus.

Hab. in calamis Scirpi lacustris in Ardennis.

Propolis ?

6

⊕ ~~417.~~ Micropeziza subvelata Rehm ~~nov. spec.~~ ~~Rehm. 4 417~~
~~(?an. var. von Trochila diminuenk Karsten myc. fenn. I p. 248?. — cfr.~~
~~Saccardo in Michelia IV p. 120. — non exs. Kunze f. sel. 568 (cfr. Hedwigia 1880 p. 176.) quae Trochila ignobilis Karsten myc. fenn. I p. 248.~~

~~Perithecia~~ gregaria, primitus sub epidermide in folii parenchymate nidulantia, dein humida ~~fissam in rimis perrumpentia~~, sicca quasi operculo epidermidis velata, 0,2—0,3 mikr. diam., minima, oblonga vel orbicularia, sicca fusco-nigra, complicata, humida fuscidula, subplana, margine tenui, obscuriore, basi parenchymatica, in marginem prosenchymatico-contexta. Asci clavati, subcurvati, apice incrassati, 8-spori, 60÷10. Sporidia obtuse cuneiformia, subcurvata vel recta guttulis 2 apicalibus instructa, 1-cellularia, hyalina, ~~recta~~ 1-seriatim stichi, 10—12÷3. Paraphyses lanceolatae, ascos superantes, basi 7—9 mikr. crassae. ~~Jod coerulescit apicem ascorum.~~

Ad folia graminea emortua in alpibus editissimis Tyrolensibus juxta glaciem aeternam. ♀

⊕ ~~Mollisia~~ Hedwigia subvelata Rehm. Disc. p. 156

per epidermidem fissam erumpens, apice jodo coaerulescentibus.

♀ Var. Winteri. Rehm l. c. Microp. subvelata Wint. Hedw. 1880 p. 176: asci 75—90 = 10—12; sporidia 17—20 = 5. ad Caricem curvulam, atratam, Sesleriam, Avenam Albula-Pass Helvetiae.

~~Rehm Disc.~~

(.... Fr. Hymen. Enc. p. 579).–

Hab. in Britannia, et ad Buffalo New York, Amer. bor. (Clinton).–

P. hibernicus

(Polyp.)

106

180. **Stegia dumeti** S. & S. | Ascomatibus disciformibus, immersis dein epidermide operculatim disrupta parum emergentibus, subcinereis, margine denique paululum elevato pallidiore, ascis cylindraceo-clavatis 50–60 ≈ 7–8, breve stipitatis, initio apice cuspidatis, mox cuspide amissa, obtusiusculis, pseudoparaphysibus cylindraceo-cuspidatis obvallatis; sporidiis octonis (an quandoque pluribus?) cylindraceis, 6–7 ≈ 1, rectiusculis, utrinque obtusiusculis, hyalinis.

Hab. in sarmentis emortuis Rubi fruticosi, *Conegliano*, ~~Vere 1877. (Spegazzini).~~ Hiberno

Obs. Ob epidermidem supra ascomata circulariter scissam nec non ob fabricam ascomatis generi *Stegiæ* adscribenda species, etsi ramulicola.

| Mich. p. ..... F. it. fig. 427

Daedalea ~~Poetschii~~ Schulzeri Poetsch in Oesterr. bot. Zeitschr. 1879, No. 9,

Winter, Pilze, p. 400. – Pileo conchiformi, basi incrassata 8–10 mm. cr., sessili, tenui, albido, saepe aetate provecta brunneo, postice saturatiore, subtus, margine linea brunnea vel atro-brunnea, subinstente, 2 mm. lata, notato, calvo, crispato, basi aspero, ceterum plus minus zonato, poris magnis, inaequalibus, polygonis, elongato-undulatis vel labyrinthiformibus, brunneis, basi obscurioribus; sporis cylindraceis, centro incurvis, 7–10 = 1–2, hyalinis.

Hab. in truncis emortuis Populi pyramidalis in Austriaca – Pileus 7–13 cm. latus. 8-t-6100/39

36

Stejrii alpina (Fuck.) Rabh. Disc. p. 155 Naemacyclus Fuck. Symb. app. III p. 27

~~* **N. alpinus** Fckl. in F. rh. 2674 ed. I. & II.~~

Discellis sparsis, per foliorum epidermidem a latere circumscissam, ut epidermis operculum laterales persisten fingat, erumpentibus, oblongis, convexis, usque ad Millimetrum longis, ochraceis, opacis, carnosis; ascis subclavatis, antice parum acuminatis, sessilibus, 8sporis, 65–54 ~~Mik. long.~~ 10–12 ~~Mik. crass.~~; sporidiis distichis, fusiformibus, rectis, continuis, biguttulatis, hyalinis, 10–12 ~~Mik. long.~~, 4 ~~Mik. crass.~~; paraphysibus clavatis, simplicibus asci longitudine, inferiori parte hyalina 4–5septatis, clavula 4 Mik. crass., ochracea.

~~An den letztjährig abgefallenen Blättern von Pinus Larix, im Sommer. Auf einer Alpe St. Moritz gegenüber, unter den letzten höchst aufgestiegenen Lärchen, hier häufig.~~

~~Denselben Pilz theilte mir kürzlich Niessl mit, der ihn bei Brünn sammelte.~~

Brunner – o

Hab. in foliis anno praeterito jam dejectis Laricis in alpibus pr. St. Moritz Helvetiae et in Moravia

~~Polyporus (resupinatus)~~ leucolomus ~~catenarius~~ Champ. Mus. p. 140

~~Pileo~~ tenuis, resupinata undique adnata, margine albo-tomentoso sterili; poris medris superficialibus angulatis ore lacerato-dentatis ochraceo-fulvis.

Hab. ad cortices Juniperorum? New York (Menand.)

~~Pileus latus~~ Fungus 2-4 cm. lat.

amer. Bor.

130

Stegia Lauri (Cald.) ~~Rehm Disc. p. 155~~ Sacc. F. ital. fig. 1425, Rehm Disc. p. 155

(immat.)

504. Naevia Lauri Cald. in Erb. crittog. Ital. Ser. I. no. 491.

In foliis [illegible]

Frugiae immatae, epidermide orbiculatim scissa dein operculatim secedente velata dein aperta, subhemisphaerica, 0,9–0,8 mm lat., disco petellatim, plano griseo-brunneo, denticulato-albido-marginato; asci clavati apice rotundati, 30–35 = 3,5–4, octospori; sporae distichae oblongae, 4–5 = 2, hyalinae, continuae; paraphyses lineares, 6–8 μ crass., asci superantes.

Hab. in foliis Lauri nobilis longe diu a. emortuis ut Italia et Germania Lusitania

Ictophacidium Rehm Ascom. n. 916 (1888). [Styn. Ictiis et Phacidium] – Asco-
mata immersa suborbicularia, deinde per epidermidem laciniatam erumpentia
applanata, vertice laciniato-dehiscentia, submembranacea. Asci tereticlavati, 8-spori, paraphysati.
Sporidia oblonga, continua, violaceo-brunnea.

I. carniolicum Rehm l.c. gregarium, extus sulphureum, 0,5–3 mm. lat., dis-
coidalia v. oblonga, plana, olivacea; asci tereticlavati, apice rotundati, 150–180
= 10–12, octospori; sporidia oblonga, obtusa, recta, continua 1–3-guttata
dein eguttata hyalina, mox violaceo-brunnea, laevia, 15–21 = 8–9, monostichia;
paraphysibus furcatis, septatis, 2 μ cr., apice clavatis 6 μ cr. flavidis.

Hab. in ramis emortuis Cornii maris pr. Zirklach Carniolia (Robic
et Voll) Ab Hymenobolo differt substantia tenui, colore latiore etc.

Sect. 2. Phaeosporae. Sacc.

Gonatopsium puccinioides (K. et S.) Link, Lib. Crypt. III n. 283 (1834) h. foliis aridis Carieum.

Arthrinium sporophleum K. et S., Lib. Crypt. IV n. 384 (1837) h. foliis aridis Luzulae albidae.

Camptoum curvatum (K. et S.) Link, Lib. Crypt. I n. 79 (1830) – h. foliis aridis Scirpi silvatici.

Dematium hispidulum (Pers.) Fr. Dem. graminum Lib. Crypt. III n. 284 (1834) – ad folia graminum arida.

Mich II p. 332 (18..) (Etym ab eximio mycologo gallico J. H. Fabre)

FABRÆA Sacc. ~~nov. gen.~~ Ascomata innato-erumpentia (hucusque phyllogena) sessilia, depressa, disco mox aperto applanato, tenui-marginata, molliuscula. Asci elongati, octospori; sporidia ovato-oblonga, *1-septata*, hyalina. — ~~Novum genus *Fabræa*, Doct. J. H. FABRE eximiæ monographiæ Sphæriacearum Vallis-clausensium auctori jure meritoque dicatum, colligit *Phacidii* species sporidiis uniseptatis hyalinis ornatas.~~

Est Phacidium v. Pleospora hyalodidyma.

7

Sect. 3. Didymosporae Sacc.

39/0019-5-2

Journ. Linn. Soc. XIV. p. 54. (Poly)

♀ Hab. ad ligna emortua,

Dolosbagey, Ceylon (Thwaites).

Pluripollicaris, margine 4 mm. et ultra lato; exsiccatione contractus.

Fabraea congener (Ces.) Sacc. Mich. I p. 515 T.....

V Phacid. Ranunculorum Desm.
Pleudopezizza Ranuncul. Rabh. Arc. n. 659

~~161~~. **Phacidium congener** Ces. *Niptera congener* (Ces.)
Do Not. ~~DNtrs~~. Discom. p. 375. ~~In pag. inf. Ranunculi repentis L. G.~~ Ascomata 1/4 mill. d., maculis vix ullis insidentia, atra, disco pallidiore; asci clavati, 70–90 = 14–15 paraphysati, octospori; sporidia disticha oblongo–clavulata, 15–17 = 5–6, infra medium (-septata) 4–5guttulata, hyalina, ~~Cfr. Michelia p. 60 n. 211.~~

innato-erumpentibus, depressis, tenui-membranaceis,

Fabraea

Hab. in pag. inf. Ranunculi repentis, R. bulbosi, R. acris, R. pinnati, in Britannia, Germania, Belgio, Italia, Africa austr.

F. litigiosa (Desm.) Sacc. Phacidium R. et Desm. Ann. S. N. 1847 p. 181 Mollisia Ranunculi Phill. Disc. p. 200

949 P. hyalina Berk in Hook. Fl. Tasm. II 255 (Polyp.)

Resupinata, alba, vitrea, tenuis, ambitu tomentoso; poris minimis, centro elongatis (160 μ diam.) dissepimentis tenuibus

Hab. ad ligna decorticata in Tasmania

5

39/0029-5-4

~~Fabraea Ranunculi (Walb.) Karst.~~ #F. confertissima Karst.

(ut sub p. praecedenti)

Rev. Mon. p. 162. Ascomatibus ~~majusculis~~ macris atris, insidentibus, confertissimis, innato-erumpentibus, concavusculis, fuscis; ascis clavatis, sporidiis rite evolutis, non visis; paraphysibus numerosis, flexuosis, 2. μ. crassis; contextu excipuli parenchymatico, fuligineo.

Hab. in pagina inferiore foliorum vivorum Geranii sylvatici prope Mustiala Fennoriae

2

Scleroderris Fr. S. M. II p. 178 (1822) ut subgen. De Not Disc. p. 29 [Etym. scleros durus et derris pellis) Cenangii, Tympanidis etc. Spec. Auct. — Ascomata erumpente-superficialia, sæpius cæspitosa, ex urceolato patellata, sæpe margine lacero-fimbriata, primitus v. tenia, coriacea v. cornea, fusca v. atra, raro lutea coloratia. Asci paraphysati, typice octospori. Sporidia elongata v. cylindracea, demum 3-pluriseptata, hyalina rarius colorata. — Est mih. Cenangium phragmosporum.

10

Sect. 4 Phragmosporae Sacc.

57

39/0019-9

Hab. [illegible]
ca[illegible]

(.... + Hymen. Eur. p. 593 ....).—
f. v. gr. Carpini, Quercus, Fagi etc. in
Europa, ad truncos putridos Pini sylve-
stris pr. Minusinsk, Sibiriae Asiaticae et ad ramos querneos directos in
Carol. media Amer. foeder., ad truncos Malaca (Sertecl. n.)

29

I Eu-Scleroderrij. Sporidia subhyalina.

1. Scl. ribesia (Pers.) Karst.

Stroma ligno innatum, primitus hypophloeodum, sphaeroideum, solidum, intus pallidum vel luteolo-virens, extus fulvum, e lateribus imis conidia ellipsoidea vel ovoidea, recta, simplicia, hyalina, 3,5—5 mmm. longa et 3 mmm. crassa, fundens, dein per epidermidem erumpens gignensque apothecia et spermogonia. Apothecia caespitosa, breviter stipitata primitus sphaeroidea vertice depressa vel umbilicata clausa fusca vel fulvescente-fusca, dein obverse turbinata ore connivente fimbriato dehiscentia, rugulosa subnuda fusco-nigrescentia, epithecio cinereo-albido, latit. 1—1,5 mm. Asci cylindracei obtusi deorsum longe attenuati, longit. 120—160 mmm., crassit. 7—8 mmm. Sporae 8-nae, conglobatae aciculari-elongatae vel aciculari-filiformes, hinc obtusae, illinc acutae, guttulatae vel spurie tenuiter pluriseptatae, chlorino-hyalinae, longit. 30—38 mmm., crassit. 3,5—4,5 mmm. Paraphyses filiformes, simplices, apice vix clavato nonnihil corrugatae —

M.F. I p. 215 Pezza Pers. Tent. p. 35, Cenangium Ribis Fr. S.M. II p. 179, Tul. Ann. Sc. Nat. 1853 t. 16 f. 9-11, Carp. III p. 164 + XIX f. 1-9

v 1-4 mm. Cat., 1,5 mm. alt.

Hab. in ramis emortuis Ribis rubri et nigri in Suecia, Fennia, Britannia, Gallia, Germania, Belgia, Livonia! Ital. pycnidium est Fuckelii Ribis Bon.; It. macrotylopiferus, teste Fuck., est Martomyces Friesii Mont.

420
000
1200

(1

Myc. XVII p. 161 (Hanseniae) Pileo aviaceo-inberoso, arido, firmo, triquetro, plano-convexo, extus parcis obsoletis concentrice sulcato, velutino molle, albo vel albido, margine acuto, 4-8 cm. lato, usque ad 8 cm. crasso; poris minutis, tenuibus, inaequalibus, hinc inde laceris, majoribus, albis; sporis oblongatis vel elongatis, 5-6 = 1-2.

233 30

Hab. in truncis Alni incanae et Tiliae alnus pubae emortuis in silva Sjrzjäas prope Mustiala Fennicae 38

A Polyp. velutino pileo multo crassior dignoscitur.

187

Scleroderris repanda (Fr.) Rehm Disc. p. 209 (ut var.)

(11.) C. *repandum*, gregarium, turbinatum, fusco-pruinosum, demum nudum laeve cervino-nigrescens, ore repando laciniatoque inflexo, disco fusco.

Medium inter C. *Ribis* ~~et *ferruginosum*, ut~~ affine cui propius vix dicas; puto posteriori. Ab illo differt cupulis tenuioribus, magis explicatis, ore repando laciniatoque in velum haud continuato; ~~ab hoc forma haud compressa, laevitate; ab utroque~~ cupula demum nuda, trita subnitente discoque fuscescente.

⊥ Fr. Elench. II p. 22 ♀ ascis sporidiisque ut in Sil. ribesia

(Hab. In ramis exsiccatis Ribis petraei in Vogesis. Mougeot. (v. s.)

Lyll. Crypt. n. 555

f' Branchiae
Amer. foeder. (Fuller).—
et in peninsul. Malacca (Scortechini)

f' f' et in Quercu, Portland, Maine,

icco); tubu.. , , mm. diam., acic

Sch. seriata (Fr.) Rehm Disc. p. 211 Cenangium Fr. S. M. II p. 185 ♀

I subtiptatum

I dehiscens

+ Dermatea Tul. Carp. III p. 160

I asci ovato-elongati, apice obtusi, longitudine stipitatis 110 = 12, 8-spori; sporidia angusto fusoidea, acuta, rectiusculaque, 55–80 = 2–3, pseudo-multiseptata, hyalina

15. ~~C. seriatum~~, gregaria, globoso-depressum, rugosum, nudum, atrum, in lacinias obtusas laceratum, disco fuligineo-atro.

♀ Tribl. seriatum, *Fries exs. n.* 161. Pez. truncatula. *Rebent. Neom. p.* 388. non Pers.

Per rimas corticis transversales erumpit, series 2–3½ mm. longas lineares plus minus confertas sistens. Stipes brevis, inter corticem nidulat. Cupulæ opacæ; clausæ centro depressæ, obtuse marginatæ; demum apertæ, in lacinias 4-6 fragiles hiantes. — ~~Affinis species in Cenangio. Copiose in cortice betuligno autumno, hieme. (v. v.)~~

Betula alba (Fr.) Suecia, Germania, Britannia, Belgia, Gallia, Adest spermogonia et pycnidia.

Cf. Phill. Disc. p. 348.

(Moravia)

Polyporus Bresadolae Schulz. in Hedw. 1885 – Pileo late-flabelliformi, fere 8 cm. lato, sublobato, sa
adpresse-tomentoso, azonato, fulvo, margine obtuso laevi glabro luteo-albido, subtus fere concolori
minutis ad marginem carentibus; tubulis fuscis, postice 4 mm. longis, antice diminentib
excepto margine achromatico, sordide-cinnamomea, radiatim fibrosa, verticaliter subzonata
mediique circiter 6 mm. crassa.

Hab. subimbricatim ad Morum album vivum in Slavonia.

783

Scleroderris nigra rufa (Alek.) [illegible]

(15.) ~~C. fuliginosum,~~ cupulis in plagas latas effusas stipatis difformibus fuliginosis, disco pallido, subiculo late ambiente-effuso innatis.

~~Stromate, loco et habitu Sph. fuliginosae~~ Pers. adeo simile, ut, pluribus licet differentiis recedat, dubium videatur, num perfectior ejusdem sit status. Verum autem Cenangium (plures enim Sphaeriae erumpentes astomae sensim huc migrabunt) et ab omnibus, etiam sequente, cum quo bene comparavit *Sommerfelt* ~~in litt., affinibus luculenter diversum~~. Optime dignoscitur stromate sub epidermide cortici interiori innato, late ambiente effuso, humido nigrescente, sicco superne lutescente aut olivaceo. Cupulae simplices, ~~non~~ caespitosae ~~ut in~~ Junior Fusidium, adulior Tuberculariam, perfectus epidermidem erumpentes, libere dignoscitur.

Spiritus lingus, admodum versiformis.

× Scleroderris fuliginosa (Pers.) Karst. M.F. I p. 216 Cenangium Fr. Elench. II p. 23 Cen. difforme Fr. n. Mong. et Nestl. Stirp. vog. n. 88? Sphaeria fuliginosa Pers. Syn. p. 52 Tympan. fuligi β Wallr. Crypt. p. 430

ascis tereticlavatis, apice rotundatis (100-130 = 9-10), 8-sporis; sporidiis cylindraceis utrinque acutis 60-65 = 2,5-3,5, rectis, 8-locularibus, hyalinis subparallelis; paraphysibus filiformibus, hyalinis

Hab. ad ramos emortuos Salicis capreae in Suecia, ~~Dania~~ Norvegia, Germania, Gallia,

(Hansenia)

~~as Contoon~~

223

Sch. concinna (B. et C.) Sacc.

~~767.~~ **Cenangium concinnum.** *B. & C.*—Cupulis sessilibus subtiliter pulverulentis marginatis; disco plano nigro; sporidiis biserialibus oblongis triseptatis, 15–16 μ longis.

~~On *Quercus falcata.* Car. Inf. No. 3828, 6172. On *Laurus benzoin.* Car. Inf. No. 2295. On *Laurus sassafras.* Alabama, Peters. No. 5238.~~

Cups flat, with a strong brownish margin; disc black; sporidia biseriate; sporidia oblong, triseptate, ·0006 long. No. 3828 has ~~rather smaller sporidia, but is scarcely distinct.~~

(North Am. Fungi n. 767

Hab. in cortice Quercus falcata, Lauri Benzoin et Sassafras in Carolina et Alabama Americae bor.

Hart. Fun. n. 229

5

Polyporus (~~Inoceramei~~) balsameus Peck, 30 Rep. p. 46. — Pileo
potius, subcoso, plano circiter 2½ cm. lato, sessili v. sparse stipitato, subtiliter
inaequaliterque villoso-tomentoso, pallide brunneo zonis nitentibus concentricis notato; carne alba; poris brevibus, minutis, subrotundis, disseptimentis tenuibus, acutis, denticulatis, albis.

789

Hab. ad truncos Coniferarum, ex. gr. Abietis balsameae in montibus Adirondack, New York, Ames. bor. (Ch. H. Peck). — Tomentum ita tenuis ut facile conspicitur; inaequaliter distributum atque in zonis vel caespitibus occurrit. Apparenter (P. zonato) affinis

237

~~6. P. bacillifera (Karst.) Symb. p. 252.~~

~~Apothecia~~ capuli erumpentia, sessilia, vel subsessilia, solitaria, vel saepius in caespitulos sociata (2—5 insimul), nuda, nigra, primitus clausa et sphaeroidea, deinde aperta et concava, tandem planiuscula, margine obtuso, ~~epithecio~~ nitido, latit. 0,5—0,6 mm. Asci clavati, obtusi, subpedicellati, ~~longit.~~ 65—88 ~~mmm., crassit.~~ 10—11 ~~mmm.~~ Sporae 8-nae, conglobatae, bacillares, vulgo apicibus attenuatae, flexuosae, simplices vel spurie tenuiter 5—7-septatae, ~~longit.~~ 20—52 ~~mmm., crassit.~~ 3—4,5 ~~mmm.~~ Paraphyses filiformes, graciles, apice incrassatae fuscescentes et conglutinatae. — Spermogonia verrucariiformia, nigra, minuta. ~~Spermatia~~ Stenula oblongata, simplicia, incolori, ~~longit. circiter~~ 4 ~~mmm., crassit.~~ 1,5 ~~mmm.~~ 2

~~Exsicc. Karst. Fung. Fenn. 756.~~

Hab. Supra corticem crassiorem truncorum *Abietis excelsae* stantium in Fennia saltem meridionali passim. 1

♀ Scleroderris bacillifera (Karst.) Vain.
Tympanis Karst M.F. I p. 229

(octosporis;

6

(13)

(.... Fr. Hymen. Eur. p. 581).–

♀ Hab

2½ cm.

Polystictos

Como Helic bor.

275

Scl. pityo (B. et C.) Sacc

9 North Am. Fungi n. 765

(brunneum,

765. **Cenangium pithyum.** *B. & C.*—Erumpens, margine obtuso inflexo subtiliter pulverulento; sporidiis lineari-oblongis curvatis ~~4-septatis~~, 20 μ longis

On *Abies*. ~~New England, Sprague.~~ No. 5827.

Erumpent; margin obtuse, strongly inflected, minutely pulverulent, brownish; sporidia linear-oblong, strongly curved with four septa, ·002 long.

Hab. in cortice Abietum New England Amer. bor. (Sprague)

(13)

Polyporus Bacon

928

mou

Fr. Jc. t. 1874.3

(Fr. + Hymen. Eur. p. 569).—

Hab. + et betulinos in Europa, ad Richmond River, Upper Daintree River, Australiae et Amer. Bo

F 1-1½ cm. longus, ½-1 cm. latus;

276

Scleroderris Sequoiae (Plowr.) Sacc. Cenangium Plowr. in Grev. VII. p. 23

Cupulis gregariis turbinatis, nigris, margine connivente, disco nigricante intus cinereo; ascis late clavatis, octosporis; sporidiis ovoideis v. ~~oblongis~~ ovato-oblongis, simplicibus dein ~~tri~~septatis e nucleatis 25-30 = 7-15; ~~paraphysibus~~ paraphysibus furcatis tenuibus

Hab. in trunco Sequoiae gigantea.

Cenangium sequoiæ. *Plowright in litt.*—Gregarious, turbinate, black, margin connivent; disc black, pale, cinerious within; asci broadly clavate; sporidia 8, ovate, or ovate-oblong, simple, or triseptate, enucleate, ·025-·03 × ·007-·015 mm.; paraphyses slender, furcate. On *Sequoia gigantea*. No. 639.

Scleroderris

8

9 50

[North Am. Fung. n. 136 –

Hab. (truncos) New York, Amer. foeder. (Sartwell), New England (Sprague). –
Pileus 2½ – 5 cm. latus, 12 mm. longus; pori ⅝ mm. lati.

240

Scleroderris lepiaria (Kast.) Sacc.

Tympanis lepiaria Karst. Fragm. mycol. IX p. 2 Ascomatibus

~~[illegible]~~ erumpenti-superficialibus, sepiliis, sparsis, solitariis, subinde in caespitulos sociatis

~~[illegible]~~ minimis, primitus clausis et subsphaeroideis, deinde apertis, concavis, subinde

ellipsoideis, obtusis, marginatis, undis subtiliter punctulatis, nigris, latit. 0,3-0,4 mm. Asci

70-80 = 8-9,5 octosporis

clausis obtusis subpedicellatis ~~[illegible]~~ ~~70-80 = 8-9,5~~ mm. sparsis, ~~[illegible]~~, oblique

mono- vel subdistichis, ovoideo-oblongatis, simplicibus, raro 1-, rarissime 2-3 septatis, ~~[illegible]~~

12-18 = 3,5-4,5 ~~[illegible]~~ mm. paraphysibus filiformibus crassit. 1,5 mm, interdum ramosis.

Hab. ad lignum pineum prope Mustiala. Fennia

9 30

Herb. ~~Herissima~~ guadalupensis ~~caterwarius~~ fév. Champ. Mus p. 15 f.

~~Receptaculo~~ brevissime stipitata ramosa, ramis tenuissimis elongatis fastigiatis compressis dichotomis fuscescentibus, ramulis apice libris vage ~~ramosis~~ insertis brevibus, nudis, acutis.

Hab in Guadalupa. (Herminier) ~~(herb. Mus Par.)~~

~~178.~~ Tympanis amphibola (Mass.) Karst. Mycol. Fenn. I. 230. *Pragmopora amphibola* Mass., *Cenangium sphæroides* Niessl herb.

Hab. ad corticem Pini sylvestris ~~a Suoga-na, Aug. 1878.~~ in Tennia Sallia, Ostrania, Helsi. Sporidia subinde 5-septata. Spermogonia nota.

~~*Obs.*~~ Ascomata erumpenti-superficialia, ~~lecanidiacea~~ nigra, Asci cylindraceo-clavati, brevissime stipitati, apice tunica integra, rotundati, 70–75 ≈ 8–10, paraphysibus asco longioribus sursum paulum incrassatis guttulatis obvallati, 8spori, Sporidia disticha, v. oblique monostichae, fusoidea utrinque acutiuscula, 18–20 ≈ $3^1/_2$–$4^1/_2$, 3-septata, leniter curvula, hyalina.

Selaviri

× Sch. amphibola (Mass.) Gill. Disc. p. 198.

Pycnidia, demum convexula, immersa.

10

Merulius laticolor B. et Br. Ann. Nat. Hist. No 1681. – Totus effusus, adnatus, laete aurantiacus; margine tomentoso albo; hymenio laevi; demum plicato rugoso; plicis distantibus.

Hab. ad ramenta et folia in Britannia. –

30

Scl. amphibolides (Nyl.) Lacr. Tympanis Nyl. Obs. p. 71, Hart. M. F. I. p. 236
sessilis, gregaria, subsolitaria, e sphaeroidea demum patellata, cracca dein
plana obtusa marginata v. immarginata, nuda, nigra, regulosa, intus obscura,
0,4–0,5 mm. lat.; asci elongato-clavati obtusissimi, sessilibus, 85–90 = 11–15,
8–16-spori; sporidia fusoideo-elongata, spuria (?), 5–7-septata, hyalina,
15–25 = 2,5–4,5; paraphysibus filiformibus, gracilibus, apice incrassatis
fuste luteoscentibus.

Hab. in ligno abietino vetusto in Fennia meridionali

II

et North Amer. Fungi n. 244.

——setis acutis, 80 = 8

♀ Hab. ad cortices asperos Ulmorum veterorum in Carol. inf. Amer. foedes. (Ravenel). Magnoliae Gainesville Floridae. Arcte affinis H. dirae B. et C.

24

Sac. Tympanis Nyl

Sa. hypopodiza (Nyl.) Obs. p. 71.

~~Apothecia~~ Capitula caespitosa, rarius solitaria, basi substipitato-constricta, primitus clausa, deinde aperta, concava, tandem convexula, et immarginata, nuda, nigra, subrugulosa, inaeqvalia, intus concoloria, latit. 0,5—0,8 mm. Asci elongato-clavati, obtusissimi, ~~longit.~~ 80 ~~mmm., crassit.~~ 15 ~~mmm.~~ Sporae 8—24-nae, fusoideo-elongatae, spurie tenuiter pluri- (vulgo 7-) septatae, incolores, ~~longit.~~ 18—23 ~~mmm., crassit.~~ 3,5—4 ~~mmm.~~ Paraphyses graciles, sursum leviter incrassatae. — coerulescentes. Sporae 8-nae, distichae, elongatae vel fusoideo-elongatae, guttulis plerumque 2 majusculis praeditae vel

(Kerst. M.F. I p. 231, Rehm Asc. Lojk. n. 61.

φ 8-24-1spori

12

Sec Rehm asci 100 = 10 — 15 8-1spori; 1spori dii 18-24 = 3, distichа. Rehm Asc. n. 358 videt formam myriosporam, an hujus species? 3

(13)

Sc. t. 193 f. 3

(.... + Hymen. Eur. p. 595 ....).

♀ Hab. t'in Europa et in Carol inf. et media, Amer. foeder. nec non ad Somerset East Africae austr.

Asporis cylindraceis, crispatis, hyalinis, 4–2.

30

Scleroderris aggregata (Lasch) Rehm Disc. p. 212, Sphaeria Lasch Bot. Zeit. 1857 p. 428, Cenangium Fuck. Symb. p. 271 – Caespitosa, teriata, conicum-cornua, atro-nitida, ~~ex~~ urceolata demum quadrifida – deliscens, 0,5–1 mm. lata; disco pallido concavo; asci clavati, 75–80 = 7–9, octospori; sporidia elongato fusadea, obtusiuscula, curvula, 3-septata, 4 guttata, 30–33 = 3–4, distichia, hyalina; paraphyses filiformes, 2 μ cr. hyalinae.

Hab. in caulibus licis Euphorbiae officinalis in Germania media – Forte Fuck. adhuc stylospora teretia, curva, pluriguttata, 1-septata, 18 = 4, hyalina.

19

Dec. of Fungi n. 591

Pileo suberoso subconvexo fragilissimo, margine zonato, sordide cinereo, tenui; hymenio convexo; poris flexuosis elongatis brunneo-umbrinis, dissepimentis in lamellas ruptis

♀ Hab. ad truncos emortuos, Demerara, Guyanae, et Pannure, Brasiliae (Spruce), nec non Queensland Australiae. — Pileus 12 cm. et ultra latus

28

Sclerodermis nigro-rufa (Berk.) Sacc.

Excipula nigro-rufa Berk. Fl. New Zeal, vol. II, p. 202, t. 106, fig. 11; Hook. Handb. New Zeal. Flor. p. 630. — Subglobosa, extus nigra, intus rubra; stiolo inflexo; ascis latis, clavatis, obtusis; sporidiis hyalinis, obovatis, oblongis, obtusis, obliquis ~~4-septatis~~ 4-septatis ~~crassis~~ ~~in transversalibus praeditis.~~

Habit. ad paginam inferiorem foliorum ~~Grat~~ Pittospori crassifolii ~~Colenso~~ ~~in Northern Islands~~ Nova Zelandia ~~in insula~~ septentr. (Colenso)

14

Sel. pallidula (Cooke) Sacc. Grev. XVI p. 70

Dermatea pallidula, *Cooke.*

Erumpens, cupulis convexis, subcæspitosis (2-4), testaceo-carneis, demum pallescentibus (1-2 mm. lat.), deorsum in stipite brevi communi attenuatis; margine obsoleto; ascis clavatis, octosporis; sporidiis ellipsoideo-lanceolatis, utrinque obtusis, triseptatis, hyalinis ~~(25 × 9 μ)~~, paraphysibus sursum incrassatis, brunneis.

~~On branches of *Rhus venenata*. New Jersey, U.S. (*J. B. Ellis*).~~

~~This and *Dermatea crypta*, Cooke, are supposed to have been described many years ago, but reference to them cannot now be found.~~

[25 = 9

Hab. ad ramos Rhoj venenata New Jersey Amer. bor. (J. B. Ellis)

15

(Fungi of Ceyl. n. 534

♀ Hab. ad ligna emortua, Ceylan (Thwaites). Australia — Pileus orbicularis, 4 mm. latus, ~~[illegible]~~ ~~[illegible]~~ ~~[illegible]~~ ~~laevis~~ exsiccatione viscous. laevis quum cito siccatus; stipes crater 2 mm. longus. Species singularis atque distincta.

25

Tympa

Sd. Eucalypti (C. et H.) Sacc.

Dermatea Eucalypti, *Cke. & Hark.*

Parva, erumpens, carnea, cupulis subsessilibus, solitariis, extus obscurioribus ($\frac{1}{2}$-$\frac{1}{3}$ mm.). Ascis clavatis, Sporidiis subfusoideis utrinque obtusis ~~(·02-·03 × ·01-·012 mm.)~~, quadrinucleatis, dein pseudo-triseptatis, hyalinis. Paraphysibus flavidis.

~~On *Eucalyptus.*~~ ~~(No. 2148.)~~

Hab. in cortice Eucalypti in California

Greo. . . .

20-30 - 10-12

16

(Hausemann)

F. Tenuiculus, Pal. Fl. Ov. t. 42 f. 2. Ep. p. 499. —

Pileo submembranaceo rigido subsinuato laevi pallescente, stipite brevi laterali, alveolis regularibus hexagono-elongatis. —

Hab. in Guinea, ad truncos ligni Oware, Africae. Pileus tenuis subpellucidus.

Tympanis vermicularis, ~~Nob~~ Cel. Myc. Bor. p. ---

Caespites nigrescentes, usque 6 mill. diametro (*Myriangium* sat bene revocantes) ~~Perithecia~~ sub-carnosa, stromate discoideo tenui applanato nunc circinnatim, nunc gregatim emergentia, obverse piriformia, nonnunquam compressiuscula, ~~millimetrum et semis alta~~, e purpurascenti brunnea, sub lente minute granulosa v. pulverulenta, ostiolo punctiformi impresso; nucleo pallidiori. Asci longe pedicellati, e cylindraceo clavati, ~~32-34/500 mill.~~ longi, tetraspori; sporidia vermicularia, saepius uno alteroque fine reduncata, pluriseptata, hyalina, ~~12/500 mill.~~ long. ~~11-10~~ Ad lignum decorticatum.

Sarawak. Borneo (Beccari) ~~Blondemi~~

Sclerot. vermicularis (Cel.) Sacc.

1,5 mm. alt.

64-70 μ

24 μ

14

Polyporus ~~Polyporus~~ umbonatus Fr. Nov. Symb. Myc. p. 85

817

Pileo coriaceo tenui flexili postice subpostrecto pendulo villoso zonato unicolori albido-griseo, poris magnis curtis angulatis acutis dentatis fusco-umbrinis demum expallentibus.

Hab. ad truncos p. Palinga (?) regni Mexicani (Liebman)

Pororum forma et fabrica P. pinsitis at colores plane P. arcticis pro cujus varietate forte est habendus. Pileus 2,5-5 cm. latus pori passim concentrice dispositi disseptimentis transversim lacceratis

Scleroderma fumosum (C. et Ph.) Sacc.

nec Rehm

Dermatea fumosa. *C. & Ph.* ~~*sp. nov.*~~

Sparsa, sessilis. Cupulis demum expansis (2-4 mm.), extus pallidis, granulosis, margine elevato, flexuoso. Hymenio murinaceo. Ascis clavatis, longe stipitatis. Sporidiis lanceolatis, rectis vel curvulis, endochromate quinque-divisis ~~(·025-·035 × ·004-·006 mm.)~~ ~~on rotten wood. Dunedin (207).~~

25-35 = 4-6.

Hab ad ligna putrescentia Dunedin Nova Zelandia

18

Polyporus

L Cub. Fungi n. 331

Hab. ad ligna emortua; Cubae (C. Wright). – Pileus 12 mm. lat.; margine umbrino.

26

267

14

~~Pezizaceae Hypotheciae Sacc.~~ Lyringa (Wint.) Sacc.

Cenangium Syringae Wint. Hedw. 1874 p. 57 c. ic. nec Rehm, Ascomatibus ut n. Tympanidae Syringae (quam cf.), ascis octosporis, sporidiis fusoideis utrinque rotundatis, 31 = 5, 8-10-guttulatis, epiplasmate chlorino-hyalinis.

Hab. in ramis Syringae vulgaris in Germania in forma octospora Tymp. Syringae. Forte Mint. in hac specie adhuc sporidia bicellularia. An species vere diversa, habitu similissima?

20

41 192

1 ~~Journ. Linn.~~ Cuban Fungi n. 422

Hab. ad arbores emortuos adhuc stantes in Cuba Amer. centr. (C. Wright) et in Peradeniya Ceylan (Thwaites). – Affinis Hb. corticola B. et Rav. – Setae, sec. Cooke in Grevillea VIII p. 14) parvae acutae, 30 = 5

27 31

II Phæoderris sau sporidiis colorate

Sclerodecris betulina (Peck) sau
Cenangium betulinum Peck 35 Rep. p 143 Ascomatibus saepissime vel subsessilibus, ~~arcuatis~~, rima brevi corticali erumpentibus, primo sphaeriformibus dein apertis atris, disco plano, tenuiter marginato saepe mutua pressione irregularibus 170-350 μ diam. asci oblongi vel subclavati 40=10 i sporidiis triseptatis, oblongis, obtusis, pallide coloratis, trinucleatis, 10-12=4.

~~Hab~~ in cortice emortuo Betulae populifoliae Center am. bor. ~~Diffell~~ ~~a C. ~~[illegible]~~ ~~[illegible]~~ 3-sept.~~

C 1182

Clavaria carnea Wallr. Flora crypt. Germ. II. pag. 541. Winter, Pilze, p. 317. – ~~ascomatibus~~ Clava Pleo angustissimis linearibus ~~et~~ cylindricis venaeformis corneis, a basi vix dilatatos conformes dichotomos diuulsis, ramulis extremis acutissimis bi-trichotomis flexuosis elongatis, raro simplicibus.

Hab. ad candicis

growing mosc

~~Patellaria~~ pulveracea (Hazsl.) Sacc.

Pezicula ? pulveracea Hazsl. Einig. Disc. p. 11, Magyar. szab. Disc. t. II f. 19

Gregaria stromati nigricanti inserta, obconica, atra, intus albida, ostiolo circulari, subconvexo, - asci clavati, 4-8-spori; sporidii oblongo-cylindracei, 14 = 2,5, triseptati, episporio crassiusculo tenues; paraphyses filiformibus

Hab. in cortice Betulae in Hungaria

Scleroderris

22

(13) (11) (12) 120

(Fr. Hymen. Eur. p. 556 . . . .).—
♀ Hab.

Kalchb. Ic. Hung. 7. 34 f. 6

362

Scleroderris acerina (Peck) Sacc. Tympanis Peck 31 Rep. Stat. Mus.
p. 48 – Cupulis sub-caespitosis olivaceis, erumpentibus, nigris, margine distincto saepe flexuoso, disco concavo; ascis oblongo cilindraceis; sporidiis oblongis 13–20 μ. long. instis granulosis denique 4 nucleatis v. 3 septatis colorati –

Hab. in cortice Acerinus Adirondack et Catskill Mount. Amer. Bor. – Ascomata saepe seriata, adest socia Sphaeronema acerina forte Spermogonium sistens.

23

(13) (17) (12) 122

Polyporus vittatus Berk.

Des. of Fig. 178 Pileo sessili vel postice effuso et antice

fisciformi affixo coriaceo tenui rigido subtiliter velutino ochraceo fasciis zonisque fuscis vel obscurioribus notato; margine obtusiusculo; contexta albido; hymenio concavo inaequabili; poris mediis brevibus ochraceis.

Hab. ad ligna emortua, Talagalla, Ceylon (Gardner). — Pileus 5 cm. lat. 3 cm. long. Pori 600 μ diam. P. vericolori subaffinis.

Sd. crypta (Cooke) Sacc. (Grev. XVI - p. 20

Dermatea crypta, *Cooke.*

Erumpens, pallide umbrina, glaucescens, cupulis solitariis vel (2-3) cæspitosis, deorsum attenuatis, connatis, hymenio plano vel subconcavo (½ mm. diam.); Ascis breviter clavatis. Sporidiis lanceolato-ellipticis, triseptatis, fuscis (30 × 10); paraphysibus sursum incrassatis, fuscis.

~~On branches of *Andromeda, Azalea, &c.* New Jersey, U.S. (*J. B. Ellis*).~~

Hab. in ramis Andromedæ, Azaleæ, New Jersey Am. bor. (Ellis)

24

L. cinereo-primaeva Kalchbr. in Hedw. 1876 p. 114

Pileo semiformi, stipitello brevi laeveliter adnato, plana, tenui corrugato, margine semipellucido, atro-brunneo, medium versus fuligineo-cinereo striatula; poris majusculis, subinde confluentibus (!) cinerino-brunneis

Hab. in Australia ad Clarence River (Müller) — Pileus 2,5 cm. longus 5 cm. latus, substantia gelatinosa, in aqua imbibitus

~~L. cinerea W. G. Sm. in Journ. 75 p. 23~~

28

XX Asci adsunt.

§ Fungi epigaei

α Receptacula (perithecia, loculi) clausi v. ostiolo aperta (Pyrenomycetes)

Perithecia polyascea astoma, nigricantia	I p. 1	Perisporiaceae	481
Perithecia ostiolo punctiformi perlita, nigricantia	I p. 88, II p. 1	Sphaeriaceae	5448
Perithecia ostiolo dein infundibulari aperta, nigricantia	add. p. 193	Coryneliaceae	2
Perithecia ostiolo punctiformi praedita, late colorata	II p. 447	Hypocreaceae	640
Perithecia (loculi) stromate immersa, vix adeo discreta	II p. 588	Dothideaceae	351
Perithecia dimidiata, scutata, postica v. astoma	II p. 658	Microthyriaceae	65
Perithecia ostiolo compresso praedita	II p. 672	Lophiostomaceae	213
Perithecia rima longitudinali dehiscentia	II p. 720	Hysteriaceae	372
Perithecia dimidiata, rimose dehiscentia	add. p. 261	Hemihysteriaceae	3

β Receptacula (ascomata) mox v. justo diu ordeo aperta, polyasca (Discomycetes)

Ascomata subglobosa, peripheria pluricellata	VIII p. 4	Cytariaceae	7
Ascomata clavata, mitrata, capitata, stipitata	VIII p. 7	Helvellaceae	169
Ascomata cupulata v. plena carnosa v. coriacea; asci non erumpentes	VIII p.	Pezizaceae	948
Ascomata cupulata v. plena carnosa; asci erumpentes	VIII p. 512	Ascobolaceae	130
Ascomata cupulata v. plana, subcoriacea	VIII p. 545	Dermateaceae	255
Ascomata tubinata v. cupulata, gelatinosa	VIII p. 607	Bulgariaceae	152
Ascomata immersa laticolora, coriacea	VIII p. 647	Stictaceae	229
Ascomata immersa, nigricantia, coriacea	VIII p. 705	Phacidiaceae	668
Ascomata superficialia, nigricantia, subcornea	VIII p. 768	Pabellariaceae	
Ascomata in fulcris ramosis acrogena	VIII p.	Cordieritaceae	
Ascomata excipulo carente e nuda	VIII p.	Gymnoascaceae	
Ascomata tubinata sapida, nigricantia, fibrosocornea	VIII p.	Caliciaceae	

γ Receptacula (loculi) clausi, monoasci, stromate tuberiformi parexigua immersa. ~~Chaetosphaeria~~ VIII p. Phyllachoraceae

δ. Receptacula (perithecia?) pauricellularia, entomogena

parexigua, stipitata, amycetica, chitinoidea Laboulbeniaceae	VIII p.	Laboulbeniaceae	
Receptacula subglobosa, epizoa, mox sporidiis pulverulenta Oryzeae	VIII p.	Oryzeaceae	

ε Fungi hypogaei, subglobosi, indehiscentes (Tuberoideae)

~~Ascocarpa~~ Gleba demum pulverulenta; capillitium deest	VIII p.	Elaphomycetaceae	
Gleba demum pulverulenta; capillitium deest	VIII p.	Cenococcaceae	
Gleba nunquam pulverulenta, lacunosa v. venosa	VIII p.	Tuberaceae	
Gleba nunquam pulverulenta, corbina, evenosa	VIII p.	Endogonaceae	

*) Pro Pyrenomycetis omnibus et Fungis inferioribus conferatur quoque volumen Additamentorum.