

Repertorium.

Rehm, Dr. med. Ascomyceten, in getrockneten Exemplaren herausgegeben.

(S. A. aus dem 26. Bericht des Naturhist. Vereins in Augsburg.)

(Schluss.)

Wintertia lichenoides Rehm nov. spec. (sub Trematosphäria).

s y n. *Zignoella* — Sacc. in *Michelia* III p. 347.

Perithecia 0,5 mm. diam., nigroviridula, haud carbonacea, dimidiata, semiglobosa, umbilicato-pertusa, in ligni dealbati superficie sessilia, denique foveolam nigro-limitatum relinquuntia, sparsa. Asci subclavati, 6—8 spori, 19/11; Sporidia obtuse elliptica, 2—4—6 cellularia, singulis cellulis 1-pluribus nucleis magnis instructa, hyalina, ad septa non constricta, 1—1 1/2 seriata, —20/8. Paraphyses tenerae, filiformes. Jodii ope hymenium valde coerulescit, dein flavescit.

Ad truncos decorticatos pini cembrae in alpinis edit. Tyrolensibus.

Wintertia Rehm nov. subgenus Trematosphäriae Fockel.

Perithecia non carbonacea, sed viridi-vel fusce parenchymatica, collabentia, non apiculata sed patellaeformia, ostiolo pertusa. Hymenium Jodii ope coerulescens.

Wintertia excellens Rehm nov. spec. (sub Trematosphäria.)

s y n. *Zignoella* — Sacc. *Michelia* III p. 347.

Perithecia 0,5 mm. diam., nigrofusca, globosa, dein patellariformiter, concava, ostiolo brevissimo, poro minusculo pertuso instructa, inter ligni dealbatae fibras erumpentia, sparsa, denique foveolam albidam, nigrocinctam relinquuntia. Asci clavati, sessiles, apice incrassati 45/9, 8 spori. Sporidia 1 seriata, obtuse elliptica, 2—4 cellularia, ad septa plus minusve constricta, saepe guttulis praedita, hyalina, 9—12/5. Paraphyses filiformes. Jodii ope hymenium coerulescit, dein flavescit.

Ad truncos putridos pinorum in alpinis editioribus Tyrolensibus.

Lophiostoma insculptum Rehm.

Perithecia c. 0,4 mm. diam., globulosa, nigra, sub cortice strato ligneo supremo insculpta, gregaria plerumque seriatim aggregata, ostiolo emergente subcompressa, plus minusve rotundata, poro pertusa, parenchymatice viridiflavescens. Asci clavati, pedicellati, —100/12, 8 spori. Sporidia elliptico-oblonga, recta vel subcurvata, fusca, 4 cellularia, ad

septa subconstricta. plerumque magni-nucleata. disticha. —18/7. Paraphyses filiformes. Jod —.

Ad caules emort. centaureae jaceae in Franconia bavarica.

Pyrenopeziza raphidospora Rehm nov. spec.

Perithecia c. 0,5 mm. diam., sessilia in ligni dealbati superficie, semiglobosa, dimidiata, primitus poro conspicuo pertusa, dein concava, urceolata, ostiolo dilatato, ita ut discus subfuscus conspiciatur, extus rugulosa et circa ostiolum subalbida, fusconigra, sparsa, elapsa foveolam nigrocinctam relinquentia. Hypothecium fuscidulum, in eo saepe gonidia viridia, plus minusve magna nidulantia et perithecium, hymenio evanido, replentia. Asci clavati, 8 spori (an pluria?), 50/9—12. Sporidia parallele posita, filiformia, recta vel subcurvata, plus minusve acutata, bicellularia, utraque cellula guttulis 2 praedita, hyalina, 21—24/1,5. Paraphyses filiformes, superne conglutinatae. Epithecio fuscidulo. Jod —.

Ad truncos putridos pini Cembrae in alpe Tyrolensi Kühtai.

Belonidium pruiniferum Rehm nov. spec.

Perithecia gregaria, sessilia, sicca sphäroidea, vix urceolata, rosella, albido-pruinosa, scabra, humida dilatato-urceolata vel subplana, margine crasso, ruguloso, albido circumdata, hyalino-flavidula, plerumque 1—1,3 mm. diam., prosenchymatice flavide contexta, fibris marginalibus distantibus, obtusis, c. 3 mikr. crassis. Asci clavati, apice obtuse acuminati, 8 spori, 75/9. Sporidia oblonga, obtusa recta vel subcurvata, 1—4 cellularia, 2—4—8 nucleis parvulis instructa, hyalina, disticha, —24/3. Paraphyses filiformes, superne sensim — 3 mikr. crassae, hyalinae. Jod valde coerulescit apicem ascorum et demonstrat sporidia exacte 4 cellularia.

Ad caules putridas cirsii spinosiss. aliarumque in alpibus Tyrolensibus juxta glaciem aeternam.

Helotium calathicolum Rehm nov. spec.

Perithecia gregaria, crasse stipitata, cyathiformia, stipite c. —5 mm. crasso, 1 mm. lg., recentia extus fusco rubella, sicca complicata, flavidocarnea, extus pilosula, humectata explanata, disco rubro vel rubello, —3 mm. diam., prosenchymatice flavidule contexta. Asci clavati, apice incrassati 8 spori, 45/6. Sporidia elliptica, 1 cellularia, hyalina fere monosticha, —8/3. Paraphyses filiformes, superne subincurvatae et —3 mikr. crassae hyalinae. Jod —.

Ad calathas putridas cirsii spinosiss. in alpibus Tyrolensibus juxta glaciem aeternam.

Nectria thujana (Rehm nov. spec.) Sacc.

cfr. *Michelia* III p. 295.

Perithecia minutissima, nudo oculo vix conspicua, solitaria vel bina ternave congregata, conica, globosa, sessilia, apice leviter impressa, purpurea; perithecio parenchymatico rubescente. Asci elliptici, teneri, 60/10, 8 spori. Sporidia oblonga, medio subconstricta, demum biscocctiformia, 2-cellularia, hyalina, — 11/7. Paraphyses? Jod —.

Ad folia emortua Cupressi thyoides (white Cedar). Newfield, New-Jersey, U. St. Amerika. leg. Ellis.

Leptosphaeria anthostomoides Rehm nov. spec.

Perithecia mediocria, globosa, sub epidermide cinereo-vel nigretincta nidulantia, gregaria saepe 2—3 connata, epidermidem collo brevissimo, rotundo, pertuso perforantia ad instar *Anthost. Schmidtii*. Asci clavati, 8 spori, 105/15. Sporidia elongato-elliptica, recta vel subcurvata, obtusa, fusca, 10 cellularia, cellulis mediis prae ceteris majoribus, ad septa denique subconstricta, juvenilia circulo gelatinoso, tenuissimo circumdata, — 36/7. Paraphyses filiformes, tenerae, guttulis repletæ. Jod —.

Ad caules putridas aconiti Napelli in alpinis edit. Tyrolensibus juxta glaciem aeternam.

Asterina cupressina (Rehm sub *Venturia* nov. spec.) Cooke in *Grevillea* VI p. 17.

Perithecia minutissima, punctiformia, atra, plus minusve hemisphaerica prosenchymatice contexta ex fibris tenuibus, fuscidulis, gregaria, epidermidi insidentia, hincilline apice 4—6 simplicibus, glabris, obtusis, fuscis, c. 4 mikr. crassis pilis obsessa. Asci crassi, elliptico-pyriformes, sessiles 50/15. Sporidia obtuse-cuneiformia, fere dacryoidea, 2 cellularia, cellula superiore vix $\frac{1}{3}$ long. totius sporae, inferiore latiore et longiore $\frac{2}{3}$ totius sporae, 1—2 magnis nucleis praedita fusca, ad septum valde constricta, 15/6. Paraphyses sparsae, tenerrimae, ramosae. Jod coeruleoascos.

In foliis emortuis Cupressi thyoides. Newfield, N. Jersey U. St. Amerika. leg. Ellis.

Pirottaea erubescens Rehm nov. spec.

Perithecia primitus globosa, dein urceolata, gregaria, sessilia, extus fuscorubra, ore albido, sicca globoso-contracta, extus rugulosa, humida, urceolato-explanata, disco concavo, pallide flavidulo, parenchymatice fusce contexta, ad marginem prosenchymatica, cellulis elongatis, fere filiformibus, p. p. hyalinis et fuscis, distantibus. Asci clavati, 8 spori. 75/8. Sporidia oblonga, obtusa, nucleolis 2 praedita, recta, hyalina, plerumque 1 sticha, — 15/4,5. Paraphyses lanceolatae, acutae, ascos superantes, c. 5 mikr. crassae. Jod —.

Ad caules emortuas Eupatorii cannabini prope Augustam Vindelicorum. leg. Britzelmayr.

Micropeziza subvelata Rehm nov. spec.

Perithecia gregaria, primitus sub epidermide in folii parenchymate nidulantia, dein humida fissam in rimis perrumpentia, sicca quasi operculo epidermidis velata, —0,3 mikr. diam. minima, oblonga vel orbicularia, sicca fusco-nigra, complicata, humida fuscidula, subplana, margine tenui, obscuriore, basi parenchymatice, in marginem prosenchymatice contexta. Asci clavati, subcurvati, apice incrassati, 8 spori, 16/10. Sporidia obtuse cuneiformia, subcurvata vel recta, guttulis 2 apicalibus instructa, 1 cellularia, hyalina, 1—1 1/2 sticha, —12/3. Paraphyses lanccolatae, ascos superantes, basi —9 mikr. crassae. Jod coerulescit apicem ascorum.

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

Naevia paradoxa Rehm nov. spec.

cfr. *Trochila perpusilla* (Lib. sub *Stictis*) Speg. et Roum. in revue myc. II p. 20, s y n. *Mollisia* — Cooke in *Grevillea* VIII p. 85.

Perithecia minutissima, discoideo-concavula, immarginata, atra, sub epidermide laciniata nidulantia, sparsa. Asci clavati, apice incrassati, 8 spori, 50/9. Sporidia oblonga, obtusa, 1 cellularia, binucleata vel pseudodyblasta, recta hyalina, —12/3. Paraphyses filiformes, apice dichotomae, clava pyriformi, articulata, —6 mikr. crassa, fuscidula ascos superantes. Hypothecium flavescens. Jod —.

Ad calamos siccos Junci Hostii in alpibus edit. Tyrolensibus juxta glaciem aeternam.

Schmitzomya pachyspora Rehm nov. spec.

Perithecia gregaria, cortici immersa, orbicularia, urceoata, primitus subclausa, dein aperta, margine orbiculari, subintegro, niveo-pulverulento, dein hicillic fisso cincta, epithecio testaceo-cinereo, c. 0,3—4 mm. diam. Asci cylindraceo-clavati, 8 spori, 220/27. Sporidia filiformia, hyalina, c. 60 cellularia, plerumque singula cellula nucleata, ad septa subconstricta, recta vel scoliformiter curvata atque extra ascos anguilliformiter incurvata, parallela, circumflexa, 200/4—5. Paraphyses filiformes, in clavam pyriformem ampliatae itaque epithecium flavidulum formantes. Jod —.

Ad ramos siccos pini abietis in sylva prope Augustam Vindelicorum. leg. Britzelmayr.

Hypocrea tuberculariformis Rehm nov. spec.

Stromata rosacea, irregulariter verrucoso-convexa et rotundata, tuberculariformia, 1—2 mm. diam. *Perithecia*

rubra, emergentia, conoidea, minima, sparsa vel aggregata, ex cellulis flavorubris parenchymatice contexta. Asci elliptico-clavati, teneri, apice incrassati, 8 spori, — 60/7; Sporidia 1—1½ sticha, elongato-elliptica, obtusa, 2 cellularia, hyalina, 9/3. Paraphyses desunt. Jod —.

Ad fimum vaccinum et caules herbarum siccas in alpibus editissimis Tyrolensibus juxta glaciem aeternam.

Nectria Magnusiana Rehm nov. spec.

Perithecia ex stromate Tuberculariae oriunda, aurantiaca, subconvexa, c. — 1 mm. diam., coacervata, subglobosa, papillata, mox collabescendo umbilicata, sanguineo-nigricantia, ex cellulis elongatis fuscorubris contexta. Asci cylindricei, teneri, apice incrassati, 8 spori, 75/8. Sporidia ellipsoidea, obtusa, bicellularia, binucleata, vix medio subconstricta, hyalina monosticha. Paraphyses filiformes, ascos superantes. Jod —.

Parasitica in disco Diatrypellae favaceae ad betulam emortuam in horto bot. Berolinensi. leg. Dr. Magnus.

Pleospora spinosella Rehm nov. spec.

Perithecia in culmis immersa, globosa integra, atra, sola vertice crassa colli rotundi emergentia, matrice juxtaponente denigrata, poro vix perspicuo pertusa, 0,5 mm. diam.; denique elapsa foveolam denigratam relinquentia. Asci clavati, crassi, subcurvati, — 100/15. Sporidia ovata vel elliptica, medio constricta, altera parte latiore, altera angustiore, latiore transverse 4, angustiore 3 septata, omnibus plerumque semel longitudinaliter divisis, exceptis cellulis finalibus, fusco-flava, 2 seriata, — 14/8. Paraphyses ramosae, articulae, flavae. Jod —.

Ad culmos siccos Junci Hostii alpibus editissimis Tyrolensibus juxta glaciem aeternam.

Humaria hirtella Rehm. nov. spec. (sub *H. hirta*).

cfr. Grevillea VII p. 57 (Cooke: „this is certainly not the typical *P. hirta*, but intermediate between *hirta* and *scutellata*“). — syn? *Peziza scutellata* L. cfr. Karsten myc. fenn. I p. 70, Nyl. pez. fenn. p. 19.

Perithecia aequae ac in *Humaria hirta* (Schum.), disco recenti livido-rubro. Pili simplices, acuti, septati, longi, basi haud dilatati, fusi, — 18 mikr. crassi. Asci cylindricei, 8 spori, 200/12. Sporidia obtuse elliptica, episporio subtiliter verruculoso, 1 cellularia, 1—2 nucleis praedita, hyalina, monosticha, 15/10. Paraphyses filiformes, hyalinae, clava pyriformi, 6—8 mikr. crassa ascos superantes. Jod —.

In terra humida horti Augustae Vindelicorum. leg. Britzelmayr.

Humaria umbrata (Fr.) Rehm f. *pallida* Rehm.
cfr. *Grevillea* VII p. 57 (Cooke: „is a large pallid form,
but the fructification is the same as in the type“), Cooke
mycogr. p. 76. pl. 33 f. 137. Karsten myc. fenn. II p. 69 (?).
Michelia VII p. 257. —

Sporen stumpf-elliptisch, glatt, 1zellig, hyalin, —15/10;
8 1reihig in cylindrischen Schläuchen, 150/15. Paraphysen
fädig, ohne clava, hyalin. Am Rande des Perithecium ein-
zelne, braune, glatte, septirte, stumpfe Haare; cupula frisch
fleischfarbig bräunlich, wachsähnlich. Jod —.

Pezizella Mali Rehm nov. spec.

Perithecia gregaria, *minima*, *primitus subglobosa*, dein
urceolata, denique plus minusve *expansa*, sicca margine in-
voluto, dilutiore, scabro, disco viridulo-flavo, humidata orbi-
cularia, margine crasso, disco plano, c. 0,3—5 mm. diam., (?)
prosenchymatice tenerrime, fere hyaline contexta. Asci
clavati, subcurvati, 4—8 spori, 40/8; Sporidia oblonga, obtusa,
hyalina, 1 cellularia, plerumque subcurvata, disticha, 9/3.
Paraphyses filiformes, superne sensim —2,5 mikr. crassae.
Jod —.

In superficie corticis interioris distantis pyri Mali.
Franconia bavarica.

Calloria rubella (Pers.) Rehm f. *minor* Rehm.

syn. *Orbilina* — Karsten myc. fenn. II p. 102. — cfr. ?
Fuckel symb. myc. p. 299.

Sporen mehr weniger fädig, an einem oder beiden Enden
etwas gekrümmt, an einen und zwar am stärker gekrümmten
etwas schmaler auslaufend. 1zellig, hyalin, —8/1; 8 2reihig in
keuligen Schläuchen, —45/5. Paraphysen fädig, oben all-
mählich —3 mikr. dick. Hymenium gelblich. Perithecium
parenchymatisch, gelb, grosszellig. Jod —.

Durella fusco-atra Rehm nov. spec. (sub
Lecanidion).

cfr. Cooke hdb. p. 716 sub *Patellaria atrata*, *Michelia* IV
p. 141. (var? *Grevillea* IX p. 106). —

Perithecia Durellae atratae simillima, sed margine crassiore
cincta, demum *convexa*, fusco-atra vel atra, extus fuscidula.
Asci clavati, crassi, 100/12. Sporidia fusiformia vel elliptica,
subcurvata vel recta, 4—5 cellularia, hyalina, —18/3,5, disticha.
Paraphyses filiformes, apice dichotomae, pyriformiter septato-
clavatae, clava fusca, —8 mikr. crassa. Hypothecium hyalinum
vel flavidulum, Epithecium crassum, fuscum. Jodii ope apex
ascorum valde coerulecit.

Ad ramulos emortuos quercinos. Newfield (N. Jersey)
U. St. Amerika. leg. Ellis.

Schizoxylon albo-atrum Rehm nov. spec.

Perithecia solitaria vel bina in superficie ligni denudati nidulantia, globosa, ceracea, c. 1 mm. et plus diam., extus albido-farinacea, vertice applanato atra, poro rotundo perspicuo pertusa. Asci cylindranei, apice subincrassati, 300/9, 8 spori. Sporidia filiformia, plerumque recta, multicellularia, fragilia, fere ut articulata, hyalina, parallela, 180/2. Paraphyses filiformes, tenerrimae, apice subcurvatae. Jod —.

Ad truncum cariosum Tiliae prope Windsheim. Franconia bavarica.

Melanomma Vindelicorum Rehm nov. spec.
(sub Trematosphäria).

Perithecia c. 0,3—4 mm. diam., integra, carbonacea, globosa, subtiliter papillata et perforata, p. p. in matrice immersa et foveolam nigram relinquenda, aterrima. Asci clavati, 8 spori, 120/20. Sporidia obtuse elliptica, recta vel subnavicularia, primitus dyblasta et hyalina, dein 4 cellularia, nucleis magnis praedita, cellula secunda nonnihil latiore, fusca, denique cellulis finalibus pallidioribus, disticha, —30/10. Paraphyses tenerrimae, ramosae. Jod —.

Ad asses pineas prope Augustam Vindelicorum. leg. Britzelmayr.

Trematosphäria prorumpens Rehm nov. spec.

Perithecia minuta, integra, c. 0,3 mm. diam., ovoideo-rostrata, plus minusve ligni superficie immersa et saepe sola apice rostri prorumpentia, nigerrima. Asci cylindraneo-clavati, apice truncati, 8 spori, 180/8. Sporidia obtuse-cylindranea, primitus 4 nucleata, dein 4 cellularia, hyalina, 1 sticha, —20/5. Jod —.

Ad asses pineas prope Augustam Vindelicorum. leg. Britzelmayr.

Tichothecium decolorans Rehm nov. spec.

Perithecia punctiformia, gregarie in thalli superficie plus minusve dealbata sessilia, dimidiata, atra, conica, glabra, parenchymatice nigrofusca contexta. Asci clavati, 8 spori, 60/8. Sporidia elliptica, obtusa, fuscidula, 2—4 cellularia, cellulis mediis magninucleatis, ad septa subconstricta, recta, 12/4. Paraphyses desunt. Jodii ope hymenium coerulescit, dein vinose rubescit.

Ad thallum biatorae decolorantis (Wallr.) in alpe Kühtai Tyrolensi. c. 6800' alt. leg. Dr. Arnold.

Trichosphäria Andromedae Rehm nov. spec.

Perithecia minima, epiphylla, in superficie folii longe lateque fuscidula in rima nervi foliacei solitaria vel gregaria

insidentia, pilosa, nigrofusca, parenchymatice contexta, globosa, pilis sparsis, acutis, brevibus, rigidis, laevibus, simplicibus, fuscis, c. 3—4 mikr. crassis, longitudine vix diametrum perithecii superantibus obsessa. Asci sessiles, pyriformes, superiore parte incrassati, 4—8 spori, —50/10. Sporidia elongato-ovata, bicellularia, cellulis anisomeribus, binucleatis, hyalina vel subfuscidula, —2 sticha, 18/6. Paraphyses articulatae, filiformes. Jod —.

In pagina superiore foliorum languidorum *Andromedae polifoliae* L.; Haspelmoor prope Augustam Vindelicorum. leg. Britzelmayr.

Pyrenopeziza laricina Rehm nov. spec.

Perithecia sessilia, gregaria, primitus subclausa, dein patellaria, sicca atra, extus rugulosa, varie plicata, saepe hysteriformia, humida extus atra, explanata, disco pallido, parenchymatice fusce contexta, c. 0,5 mm. diam. Asci clavati, 8 spori, —50/9; Sporidia obovata vel biscociformia, recta vel subcurvata, 1—2 cellularia, disticha, hyalina, 12/5. Paraphyses filiformes, superne vix incrassatae. Jod —.

Ad ramulos siccos laric. europ. in monte Arlberg Tyrolensi. c. 1300 m. leg. Britzelmayr.

Pyrenopeziza aterrima Rehm nov. spec. (sub *P. Molluginis* f. *Centaureae*).

Perithecia gregaria, primitus globosa, subclausa, per epidermidem erumpentia, dein subglobosa, sicca atra, corrugata, humida patellariformiter explanata, hemisphaerica margine tenuissimo, irregulariter eroso cincta, disco pallido, fusce parenchymatice contexta, cellulis marginalibus elongatis, distantibus viridulo, fuscis; c. 0,3 mikr. diam. Asci clavati, apice obtuse acuminati, 8 spori, 50/10. Sporidia elliptica recta vel subcurvata, 1 cellularia, nucleis 2 apicalibus praedita, hyalina, 24/5. Paraphyses filiformes, hyalinae, haud clavatae. Jod —.

Ad caules siccas centaureae jac. Regenstauf prope Ratisbonam. Dr. Rehm.

Helotium vitellinum Rehm nov. spec.

Perithecia distincte et graciliter stipitata, primitus cyathoida, cupula urceolata, pallidefusca, dein explanata, vitellina, disco, aurantiaco, rubro, prosenchymatice contexta, gregaria, c. 2 mm. alta, 1,5 mm. diam. Asci clavati, 8 spori, 75—80/9; Sporidia elongato-cuneiformia, una apice obtusa, altera, acutata, recta vel subcurvata, nucleis 1—2 magnis praedita, hyalina, disticha, 18/—4. Paraphyses filiformes, hyalinae, apice sensim —3 mikr. incrassatae. Jod —.

Ad caules putridas spiraeae ulmariae prope Augustam Vindelicorum. leg. Britzelmayr.

Aeusserlich dem *H. herbarum* und *epiphyllum* ähnlich, jedoch von beiden durch die Sporen verschieden.

Anthostoma ostropoides Rehm nov. spec.

Stromata albida, convexa vel subglobosa, saepe pisi-formia, 2—3 mm. diam., in cortice vel ligno immersa, denique, cortice dilacerata et elapsa, fere sessilia. Perithecia in stromate 1—4 monosticha, magna, globosa, in singula discreta colla, usque ad 1 mm. long., 0,5 mm. lat. elongata. Ostiola integra saepe tuberculiformiter supra corticis superficiem exstantia, poro concavo, griseo, haud pertuso. Asci clavati, apice incrassati, 8 spori, 180/15. Sporidia 2 sticha, fusca, elliptica, 1 cellularia, 2—3 nucleis magnis praedita, 36/10. Paraphyses longae, filiformes, nucleatae, c. 3 mikr. crassae. Jod violascit apicem ascorum.

Ad ramos siccos Rosae caninae in monte apud „Hammelburg“ Franconiae bavaricae. Dr. Rehm.

Trematosphäria pleurostoma Rehm nov. spec.

Perithecia minutissima, ligno immersa, globosa, integra, dein emergentia vel solo ostiolo elongato protuberantia, saepe latericolla, fusco-atra; Asci cylindranei, apice truncati, 8 spori, 210/9; Sporidia obtuse cylindranea, recta vel subcurvata, primitus hyalina, 2 cellularia, singula cellula nucleo 1 magno praedita, dein 4 cellularia, cellulis mediis magninucleatis, fuscis, cellulis finalibus hyalinis, ad instar sporarum *Hysterii pulic.*, denique cunctis subfuscis, 1 sticha, —27/8. Paraphyses desunt. Jod —.

Ad asserem riparium prope Augustam Vindelicorum. leg. Britzelmayr.

Ceratosphäria aeruginosa Rehm nov. spec.

Perithecia conferta, sphäroidea, nigro viridula, tenera, immersa in ligno longe lateque aeruginose tincto, c. 0,5 mm. diam.; rostris peritheciorum erectis vel subcurvatis, fusco nigris, apice fuscidulo-hyalinis, crassiuculis, rigidis, c. 0,5—2 mm. longis, primitus subovalibus, senilibus evanidis. Asci tenerrimi, elliptici, 8 spori, 120/15. Sporidia bacilliformiter elongata, obtusa, subcurvata, 6—8 cellularia et magninucleata, hyalina, denique flavescientia, disticha, —66/5; Paraphyses septatae, filiformes, c. 2,5 mikr. crassae. Jod —.

Ad crates salicinas, aqua putrescentes prope Augustam Vindelicorum. leg. Britzelmayr.

Leptosphäria Nitschkei Rehm.

Sporen länglich, gerade oder etwas gebogen, stumpf oder ziemlich zugespitzt, meist 4zellig, die 2. Zelle breiter

als die übrigen, seltener die 1. Zelle in 2 getheilt; meist in jeder Zelle ein centraler Kern, schwach gelblich, —33/6; 8 2reihig in dicken, keuligen Schläuchen, 100/10. Paraphysen? Jod —.

Leptosphaeria juncicola Rehm nov. spec.

cfr. Winter in Hedwigia 1880 p. 167. (an? *L. hydrophila* Sacc. f. Ven. II 320, f. it. del. 280).

Perithecia minutissima, immersa sola apice protuberantia, globosa, integra, fusca, apice vix perspicue pertusa. Asci obtuse-elliptici, sessiles, apice incrassati, 8 spori, 50/12. Sporidia bacillariformia, obtusa, recta vel subcurvata, 4 (—6?) cellularia, medio subconstricta, hyalina, dein flavidula, disticha, 30/3,5; Paraphyses filiformes superne subincrassatae nucleis praeditae —3 mikr. crassae. Jod —.

Ad culmos siccos junci Hostii in alpibus Tyrolensibus editissimis juxta glaciem aeternam. Dr. Rehm.

Stigmatea Andromedae Rehm nov. spec.

Perithecia sparsa globosa, viridifusca, minutissima, basi hyphis brevibus, fuscis, repentibus et rectangulariter ramosis cincta, ceterum glabra, sessilia. Asci pyriformes, apice valde incrassati, 8 spori, 30/14. Sporidia disticha, cuneiformia, bicellularia, plerumque singulis cellulis magninucleatis, hyalina —14/4; Paraphyses ramosae, intricatae. Jod —.

In pagina inferiori foliorum vivorum *Andromedae* polifoliae. Haspelmoor prope Augustam Vindelicorum. leg. Britzelmayr.

Zur Beachtung!

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