Diagnosen zu Thümen's „Mycotheca universalis".

Von F. von Thümen.

(Conf. Flora 1877 p. 169.)

Inhalt der Centurien VII.—IX.

Agaricus Omphalia polypus Kalchbr. — *Myc. univ.* no. 801. — Thümen in „Flora" 1877 p. 408.

A. pileo membranaceo, convexo, leviter umbilicato, 3—4 lin. lato, striatulo, nudo, e gilvo rufescente; stipitibus fasciculatis, fistulosis, aequalibus, apice dilatatis, laevibus, glabris, basi albo villosis, 1—2 unc. et ultra longis, vix 1 lin. crassis, pileo concoloribus; lamellis breviter decurrentibus, valde distantibus, angustissime plicaeformibus, haud venosis.

Promont. bonae spei: Somerset-East in sylvis ad pedem montis „Boschberg". 1875. (no. 1198.) leg. Prof. Mac Owan.

Agaricus Clitocybe amarus Fr.

var. *gracilis* Kalchbr. — *Myc. univ.* no. 702. —

A. stipite gracili, subbulboso, typoali quantulum discedit.

Promont. bonae spei: Somerset-East inter folia decidua putrescentia in sylvis montis „Boschberg" 1876. (no. 1212.) leg. Prof. P. Mac Owan et Tuck.

Paxillus atraetopus Kalchbr. — *Myc. univ.* no. 803. —

Pileus carnosus, subexcentricus, convexus, centro depressus, margine involutus, 2—3 unc. latus, laevis, glaber, saturate rufus; stipes solidus, in radicem fusiformem productus, 2—3 unc. longus, 3—4 lin. crassus, superne a lamellis decurrentibus sulcatus, ceterum laevis, nudus, pileo subconcolor; lamellae longe decurrentes, latiusculae, utrinque attenuatae, subconfertae, ochroleucae; caro flavida.

Ob stationem haud terrestrem inter Clytocybeas militare nequit, ob stipitem saturate coloratum a Pleurotis, ob sporas pallide flavas a Flammulis alienis videtur et hinc ad Paxillos fungum hunc refero licet non constet, an lamellae ab hymenophoro facile separabiles.

Promont. bonae spei: in stipitibus truncorum arborum caesiorum, in dumetis montis „Boschberg" pr. Somerset-East. Febr. 1876. (no. 1216.) leg. P. Mac Owan et Tuck.

Trogia Alni Peck. — *Plicatura Alni* Peck in XXIV. Report of New-York State Museum p. 76. — *Myc. univ.* no. 804. —

Pileus tenuis, flaccidus, siccus, resupinato-reflexus, sericeo-tomentosulus, subfulvus, 8—12 lin. latus, margine sterili, plicae

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angustae, irregulares, flexuosae crispaeve, interruptae, angulares, albae, acie obtusae.

America septentr.: Albany N.-Y. ad truncos emortuos Alni serrulatae Ait. Aut. 1876. leg. C. H. Peck.

Obs. Genus Trogia Fr. emendatum hanc speciem includit!

Polyporus abietinus Fr.

var. *resupinatus* Thüm. — *Myc. univ.* no. 706.

P. pileo resupinato. — Specimina typica etiam, sed raro, occurrunt.

America septentr.: Aiken — Carolina australis — in Pini palustris Mill. Ait. (P. australis Mchx.) cortice 1876. leg. H. W. Ravenel.

Obs. Conf. Mycotheca universalis no. 6.

Corticium colliculosum Berk. et Curt. in Grevillea II. p. 3. no. 281. — *Myc. univ.* no. 605. —

Tenue, adnatum; mycelio albo, hymenio laete ochraceo, papillato, granulatoque, glabro.

America septentr.: Newfield — New-Jersey — in Rhois venenatae De C. cortice. Hieme 1874. leg. J. B. Ellis.

Morchella bispora Sorok. — *Myc. univ.* no. 609. —

M. pileo campanulato, basi undato-plicato, albo-limbato; costis longitudinalibus undulatis, anastomosantibus; basin versus parallelis, rectis; areolis oblongis, irregularibus, angustis; stipite elongato, subcylindrico, apicem versus attenuato, albo-sericeo, farcto, in magnitudine saepe variat; ascis oblongo-clavatis, longissimis, bisporis; sporis ovalibus, subcurvatis in asci superiore parte inordinatis, nucleo oleoso, hyalinis; paraphysibus crassis, dichotomis.

Rossia: Sudja, Gouv. Kazan in pratis. Vere 1876. Frequens. leg. Prof. Sorokin.

Peziza corneola Cooke et Peck. — *Myc. univ.* no. 611.

P. cupulis subgregariis, erumpentibus, mox nudis, elevatis, piceo-nigris, coriaceis vel corneis, primo subsphaericis, opacis, subrugosis, deinde cupulaeformibus, margine inflexo; disco pallido vel fulvo-griseo; ascis clavato-cylindraceis; sporidiis anguste ellipticis, hyalinis, binucleatis, 0·0004—0·0005 unc. longis.

America septentr.: Albany — New-York — in Linariae vulgaris Lin. caulibus emortuis. Junio 1876. leg. C. H. Peck.

Peziza Ellisiana Rehm in Grevillea IV. p. 169. — *Peziza calycina* Schwz. in Herb. Soc. Nat. Philadelphia sec. Ellis. — *Myc. univ.* no. 716.

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Apothecia sparsa, primitus hemisphaerica, dein breviter stipitata atque dilatata, 1—2 mm. lata, luteo-villosa, epithecio aurantiaco-concaviusculo; sporae fusiformes, utrinque acuminatae, simplices, hyalinae, 18 mm. long., 2·5 mm. crass., biseriatae in ascis clavatis, sessilibus, 45—60 mm. long., 6—7 mm. crass.; paraphyses filiformes, ascos superantes, septatae, 2 mm. crass. — Pili perithecii dilute viridi-lutescentes, obtusi, simplices, scabri, 6 mm. crass. Apex ascorum Jodii ope coerulescit.

America septentr.: Newfield — New-Jersey — in ramulis aridis Pini rigidae Mill. Dec. 1875. leg. J. B. Ellis.

Peziza congrex Karst. — *Myc. univ.* no. 717.

Apothecia conferta, sessilia, planiuscula, glabra, aurantiolutea, ca. 5 mm. lata. Asci cylindracei. Sporae oblique monostichae, ellipsoideae, utrinque attenuatae, granulato-asperulae, hyalinae, 22—24 mm. long., 10—12 mm. crass.

Fennia: Mustiala supra terram humoso-arenosam. Sept. 1876. leg. Dr. P. A. Karsten.

Peziza capitata Peck. — *Myc. univ.* no. 813.

P. cupulis minutis, sessilibus, candidis, in siccitate clausis et subglobosis, madefactis apertis et explanatis, extus pilis candidis capitatis vestitis; disco albido vel flavido; ascis cylindricis, 0·0012 unc. long.; sporidiis acicularibus, 0·0002—0·0003 unc. long.; paraphysibus crassis, ascis longioribus, apice acuminatis.

America septentr.: Albany — New-York — ad folia arida Quercus albae Lin. Junio 1877. leg. Ch. H. Peck.

Pocillum Cesatii De Not. Prof. d. Discomyc. in Comment. d. soc. crittogam. Ital. I. p. 361. — Helotium Cesatii Mutg. Syll. pl. crypt. p. 187. — *Myc. univ.* no. 811.

Ascis cylindraceis, 160—170 mm. long., 5—7 mm. crass., sporis filiformibus, hyalinis, octis, 140—150 mm. long., 1 mm. crass., paraphysibus clavulatis, flavo-viridulis, obvellatis.

Venetia: Conegliano in Quercus pedunculatae Willd. foliis aridis adhuc pendulis. Nov. 1876. leg. C. Spegazzini.

Geaster capensis Thüm. — *Myc. univ.* no. 715.

G. peridiis exteris explanatis, ad ultra medium in lacinias multas, 7—11 fissis, laciniis cuneatis, apicibus longissimis, cuspidatis, plus minusve, sed semper reflexis, fuscis, subtus albido-luteis, margine pallidiore, sub limbatis, in excisuris fibroso-ciliatis; peridiis interiis plus minus globosis, subplicatis, sessilibus, apice depresso-umbilicato, castaneo, in circulo ciliato-fimbriato, membrano tenui, laevi, dilute griseo-fusco, papyraceo;

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sporis globosis, episporio subchinulato, vel laevibus, 2—3 mm. diam., fuscis. — A. G. limbato Fr. peridiis interiis sessilibus, apicibus depresso-umbilicatis et sporis laevibus vel subechinulatis valde differt.

Promont. bonae spei: Somerset-East, ad pedem arbustorum in sylvis montis „Boschberg" 1875. (no. 1236.)

leg. Prof. P. Mac Owan.

Ustilago Mülleriana Thüm. — *Myc. univ.* no. 623.

U. sporis irregulariter rotundatis vel multangularibus vel fere quadrangulis vel sphaericis vel subglobosis, tandem agglomeratis, fuscis, episporio laevi, obsolete punctulato, 6·5—11 mm. in diam.; seminibus exedentibus et demum implentibus. — Ust. urceolorum Tul. proxima sed satis diversa videtur.

Victoria (Australia): River Loddon in Junci planifolii R. Br. seminibus immaturis. Aest. 1875.

leg. Ferd. Baron Mueller.

Ustilago Schweinfurthiana Thm. — *Myc. univ.* no. 726.

U. ovaria floresque tota replectens et demum minime deformans; sporis plus minusve globosis, epidermide tenui, subgranulosula, fuscis, solitariis, 10—12. mm. in diam., raro etiam 8 mm. diam. occurrunt.

Aegyptus inferior: Talcha pr. Mansurah in spicis Imperatae cylindricae Beauv. (Sacharum cylindricum Lam.) Julio 1876

leg. Dr. Schweinfurth.

Aecidium Rostrupii Thüm. — *Myc. univ.* no. 624.

Aec. acervulis gregariis, hypophyllis, raro amphigenis, planis in macula discolori, immarginata, fuscescente; peridiis confertis, orbiculatis, ore laevi, interdum vix incisa, lutescentibus; sporidiis irregulariter ovoideis vel globoso-ovatis, subtiliter lineolatis, utrinque truncatis, hyalinis, 18—22 mm. long., 12—25 mm. crass. — Ab Aecidio Crepidis Wallr. (Thümen, Mycotheca universalis no. 323) in Crepide paludosa toto caelo diversum est.

Dania: Vejstrup, ins. Fioniae in foliis vivis languidisve Crepidis biennis Lin. Majo 1876. leg. E. Rostrup.

Aecidium Martianoffianum Thüm. in Bull. d. l. soc. d. Nat. de Moscou 1877 p. 135. — *Myc. univ.* no. 821.

Aec. acervulis parvulis, dense gregariis, epiphyllis vel etiam caulincolis, elatis, orbiculatis, rubro-aurantiacis, ore laevi, albo-flavo; sporis plus minus globosis vel globoso-ovoideis, basi verticeque cum processo semigloboso hyalino, episporio laevi, tenui, dilute flavidis, subpellucidis, 20—22 mm. diam.

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Sibiria occidentalis: Minussinsk in campestris arenosis ad Artemisiae glaucae Pall. folia caulesque viva. 1876.

leg. N. Martianoff.

Aecidium Hartwegiae Thüm. in „Flora" 1877 p. 411. — *Myc. univ.* no. 824.

Aec. acervulis hypophyllis, dense gregariis, concentrico dispositis in macula vix decolorata, luteis, parvis, ore sublaevi, pallidiore, subasperato; sporis globoso-ellipticis, regularibus, episporio subcrasso, laevi, hyalino, dilute flavidis, intus similaribus, 20—34 mm. long., 18—20 mm. crass.

Promont. bonae spei: Somerset-East ad Hartwegiae comosae N. a. E. (Chlorophyti Sternbergiani Steud.) folia viva in sylvis montis „Boschberg". Aest 1875. (no. 1022.)

leg. Prof. P. Mac Owan et Tuck.

Aecidium Phlomidis Thüm. in Bull. d. l. soc. d. Natur. de Moscou 1877 p. 136. — *Myc. univ.* no. 827.

Aec. acervulis dense gregariis, hypophyllis, saepe foliorum paginam totam occupans, minutis, flavidis, ore laevi, orificiis minutis; sporis plus minus globosis, laevibus, episporio subcrasso, hyalinis vel pallidissime flavidis, 20 mm. diam.

Sibiria occidentalis: Minussinsk in pratis herbosis ad Phlomidis tuberosae Lin. folia viva. Rarissime. 1876 et 1877.

leg. N. Martianoff.

Puccinia Plectranthi Thüm. in „Flora" 1875 p. 378. — *Myc. univ.* no. 632.

P. acervulis hypophyllis, sparsis, fuscis; sporidiis subclavatis, medio constrictis, parte superiore apice incrassato, obtuso, parte inferiore ovoideo, pedicello hyalino, curvato, flavescentibus, 56 mm. long., 15 mm. crass., pedicello 19 mm. long.

Promont. bonae spei: Somerset-East in foliis vivis Plectranthi laxiflori Benth. in sylvis ad pedem montis „Boschherg". 1874 et 1875. leg. Prof. Mac Owan.

Puccinia Behenis Schröt. — *Puccinia Lychnidearum* Lk. pr. p. — *Puccinia Lychnidearum* Fuck. pr. p. — *Myc. univ.* no. 635.

Aecidium: Soris parvis, epi- vel hypophyllis, orbicularibus, cupulis minimis, peridiis brevibus, albis, sporis aurantiacis, 15 mm. in diam.

Uredo: Pulvinulis pulveraceis, fusco-cinnamomeis, sporis ovatis vel ellipticis, 22—24 mm. long., 19—20 mm. crass., membrana dilute fusca, aculeis brevibus, 1·5 mm., obsita, poris germinalibus lateralibus 3, plasmate achroo.

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Puccinia: Pulvinulis parvis, confluentibus, nigrofuscis; sporis secedentibus, ovatis sive ellipticis, medio parum constrictis, 30—33 mm. long., 20—22 (ad dissepimenta 18—20) mm. crass., pedicellis achrois, brevibus, apice rotundatis, basi rotundatis aut parum attenuatis, membrana laevissima, aequalis, castanea, apice non incrassata, poris germinalibus in cellula superiore apicale, in cellula inferiore laterale.

Saxonia borussica: Eisleben in Silenis inflatae Sm. foliis caulibusque vivis languidisve. Oct. 1875. leg. Dr. Winter.

Puccinia Beltraniana Thüm. — *Myc. univ.* no. 734.

P. acervulis hypophyllis, plus minusve orbiculatis, convexis, granulosis, induratis, sempertectis, sine macula, fuscis, in pagina superiore maculam concavam, orbiculatam, magnam, pallide fuscam formans; sporis longe clavatis, medio paullo constrictis, epidermide subtenui, laevi, vertice non vel minime incrassato, pedicellatis, dilute ochraceo-fuscis, lumina vix obscuriora, 36—44 mm. long., 16—18 mm. crass.; pedicellis longis, tenuibus, flexuosis, hyalinis, 60—80 mm. long., 4 mm. crass., paraphysibus nullis. — Differt a P. Chamaedryos Ces. sporis brevioribus, obscurioribus, minus constrictis, vertice vix incrassatis, pedicellis brevioribus et acervulis minoribus.

Ins. Sicilia: Licata in Teucrii fruticantis Lin. foliis vivis. Jan. 1877. leg. V. Beltrani.

Puccinia Printziae Thüm. — *Myc. univ.* no. 742.

P. acervulis hypophyllis, sparsis, maximis, confluentibus vel compositis, elevatis, suborbiculatis, verrucaeformibus, spadiceo-castaneis in macula expallescentia, in pagina superiore luteo-fusca, concava; sporis clavatis, vertice obtuso-acutatis, medio constrictis, longe pedicellatis, episporio laevi, subcrasso, vertice incrassato, loculo superiore 20—22 mm. crass., loculo inferiore 16—18 mm. crass., pedicellis subrectis vel minime curvatis, utrinque minime incrassatis, 25 mm. long., 5—8 mm. crass., totae sporae longitudo 68—72 mm. dilute fuscis, valde fragilibus.

Promont. bonae spei: Somerset-East in foliis vivis Printziae Huttoni Harv. in sylvis elatioribus montis „Boschberg". Julio 1876. (no. 1278.) leg. Prof. Mac Owan.

Puccinia anomala Rostr. — *Myc. univ.* no. 831.

Fungus stylosporiferus: Uredo acervulis sparsis, oblongis, minutis, bifrontibus, flavis; sporis ovoideis, 22—25 mm. long., 20 mm. crass., germine ramoso.

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Fungus teleutosporiferus: P. acervulis vaginalibus vel hypophyllis, parvis, irregularibus, obscuris; sporis oblongis vel clavatis, apice rotundatis, pedicellatis, laevibus, fuscis, plurime simplicibus, 32—36 mm. long., 18—20 mm. crass., pauciores uniseptatis, 40—50 mm. long., 20 mm. crass., clavatis; paraphisibus nullis.

Dania: Skarup ins. Fioniae, in foliis, culmis vaginisque subviridis Hordei Zeocritontis Lin. Aut. 1876. leg. E. Rostrup.

Obs. Fortasse haec species identica est cum Puccinia straminis Fuck. var. simplex Kern. in Thüm. Herb. mycol. oecon. no. 101. et in Landw. und forstw. Zeit. d. Prov. Preussen 1865 no. 50.

Puccinia Mesnieriana Thüm. — *Myc. univ.* no. 834.

P. acervulis amphigenis, plerumque hypophyllis, saepe marginalibus et petiolicolis, sparsis, orbiculato-elevatis, verrucaeformibus, induratis, epidermide tectis dein erumpentibus, sine macula, vel in pagina superiore maculam nirgro-violaceam formans, nitido atris; sporis fasciculatis, longe-clavatis, medio constrictis, cellula superior oblique quadrangula, 15 mm. crass., apice imposita, obtusa, saepe subcoronata ut in P. coronata Cda., cellula inferior duplo longiora, basi angustata, 12 mm. crass., episporio laevi, tenui, vertice subincrassato, 50 mm. long., pedicello basi verticeque dilatato, medio angustato, 35 mm. long., 3—4 mm. crass., hyalino; fuscis; paraphysibus nullis.

Lusitania: Coimbra ad Rhamni Alaterni Lin. folia viva. Julia 1876. Raro. leg. P. G. Mesnier.

Puccinia Hetteropteridis Thüm. — *Myc. univ.* no. 839.

P. acervulis amphigenis, gregariis, magnis, primo tectis, dein epidermide disrumpenti cinctis, elevatis, orbiculatis vel etiam interdum confluentibus, subhemisphaericis vel tuberculaeformibus, primo luteo-fuscis, demum spadiceis; sporis ellipsoideis, vertice interdum subobtuso-acutato, minime incrassato, medio septatis, subpellucidis, episporio laevi, tenui, pulchre spadiceis, 50 mm. long., 25 mm. crass., pedicellis longis, tenuissimis, flexuosis, sursum subdilatatis, hyalinis vel sensim coloratis, 70 mm. long., 3—4 mm. crass.; paraphysibus nullis.

Argentina: Concepcion del Uruguay ad folia viva Heteropteridis angustifoliae Griseb. April 1876.

leg. Dr. P. G. Lorentz.

Obs. Pucciniae species prima in plantis e familia Malpighiacearum!

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Puccina angustata Peck in XXV. Reg. of New-York State Museum p. 123. — *Myc. univ.* no. 838.

P. soris hypophyllis, oblongis linearibusve, angustis, frequenter seriatim positis, primo epidermide tectis, tum erumpentibus epidermique cinctis, nigris; sporis angustis, oblongis vel oblongo-clavatis, in medio valde constrictis, apice obtusis subacuminatisve, basi attenuatis, 0·0018 — 0·0024 unc. long., 0·0006 unc. crass., pedicellis sporis plerumque brevioribus.

America septentr.: Mechanicsville — New-York — ad folia viva mortuave Scirpi Eriophori Mchx. Oct. 1876.

leg. Ch. H. Peck.

Uredo Lespedeziae Thüm. — *Myc. univ.* no. 643.

U. acervulis hypophyllis, minutissimis, applanatis, dilute fuscis, in utraque pagina maculam indeterminatam stramineo-flavidam formans; sporis plus minusve globosis, epidermide tenui, subgranulatis, dilute fuscis, impellucidis, 15—17 mm. in diam.

America septentr.: Aiken — Carolina australis — in Lespedeziae violaceae Pers. foliis vivis. Aest. 1876.

leg. H. W. Ravenel

Obs. Fortasse Uromycetis Lespedeziae Thm. fungus stylosporiferus.

Dimerosporium Collinsii Thüm. — *Sphaeria Collinsii* Schwnz. Syn. N. Amer. Fungi no. 1512. — *Myc. univ.* no. 849.

Asterina orbicularis Berk. et Curt.

var. *interrupta* Thüm. — *Myc. univ.* no. 850.

A. crustis interruptis non continuis ut in forma typica. — America septentr.: Aiken — Carolina australis — ad folia decidua Ilicis opacae Ait. 1875. leg. H. W. Ravenel.

(Schluss folgt.)

Vereins- & Personal-Nachrichten.

Die Batavische Gesellschaft der Künste & Wissenschaften feiert als die erste wissenschaftliche Gesellschaft Asiens am 24. April d. J. in Batavia ihr Centenarium.

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