

## 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 quantum 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

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.

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, aurantio-lutea, ca. 5 mm. lata. Asci cylindranei. 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 cylindraccis, 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;

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 specie 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; sporiis 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 caulicolis, elatis, orbiculatis, rubro-aurantiacis, ore laevi, albo-flavo; sporis plus minus globosis vel globoso-ovoides, basi verticeque cum processo semigloboso hyalino, episporio laevi, tenui, dilute flavidis, subpellucidis, 20—22 mm. diam.

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, concentricis dispositis in macula vix decolorata, luteis, parvis, ore sublaevi, pallidiores, subasperato; sporis globoso-ellipticis, regularibus, episporio subcrasso, laevi, hyalino, dilute flavidis, intus similibus, 20—34 mm. long., 18—20 mm. crass.

Promont. bonae spei: Somerset-East ad Hartwegiae comosae V. 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, flavescens, 16 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 „Boschberg“. 1874 et 1875.

leg. Prof. Mac Owan.

*Puccinia Behenii* 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 germinantibus lateralibus 3, plasmate achroo.

*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 *Teucris 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 expallescencia, 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.

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 uni-septatis, 40—50 mm. long., 20 mm. crass., clavatis; paraphysibus nullis.

Dania: Skarup ins. Fioniae, in foliis, culmis vaginisque subridis 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 nigro-violaceam formans, nitido atris; sporis fasciculatis, longe-clavatis, medio contractis, 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 Heteropteridis* Thüm. — *Myc. univ.* no. 839.

P. acervulis amphigenis, gregariis, magnis, primo tectis, dein epidermide disrupti cinctis, elevatis, orbiculatis vel etiam interdum confluentibus, subhemisphaericis vel tuberculaeformibus, primo luteo-fuscis, demum spadiceis; sporis ellipsoideis, vertice interdum subobtusato-acutato, minime incrassato, medio septatis, subpellucidis, episporio laevi, tenui, pulchre spadiceis, 50 mm. long., 25 mm. crass., pedicellis longis, tenuissimis, flexuosis, sursum subdilatis, 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!



*Puccinia 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* Schwzn. 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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