

Repertorium.

Müller, J. Enumerationis Lichenum aegyptiacorum Supplementum I., continens Lichenes a Barbey, Schweinfurth et Ascherson alliisque in Aegypto recenter lectos. (Revue mycolog. Nr. 21, pag. 15).

Als neue Arten werden angeführt:

Omphalaria quinquetubera Müll. Arg. Enum. Lich. aegypt. n. 2; apothecia modice emergentia 1/4-1/3 mm. lata, crasse thalino-marginata, margine thallo concolore rugulosa, discus atrofuscus; epithecium fuscum, lamina et hypothecium hyalina; spora in ascis subangustis octonae, 12-14 μ longae, 7-8 μ latae, ellipsoideae et simplices, hyalinae. — Extus Pannariam murorum Mass. simulat. — Calcicola in Aegypto submediterranea (Barb.)

Thalloidima Barbeyanum Müll. Arg. Thalli squamae 1/4 — 1/3 mm. latae aut minores, orbiculares, ambitu crenatolobulatae v. subcrenatae, convexiusculae, laeves, demum rimoso-fissae; saepe fere crustaceo-aggregato-confluentes, monocarpicae; gonidia globosa, diametro 12-18 μ lata; apothecia 1/3-1/2 mm. lata, modice emergentia, nigra aut nigro-fusca, novella nonnihil extus thallice vestita, mox undique nigra sed tota caesio-pruinosa, margine tenuissimo vix emergente magis nigrato praedita, ambitu regulariter orbicularia, intus infra epithecium alba; discus planus, demum convexiusculus; lamina praeter epithecium olivaceo fuscum undique cum hypothecio hyalina, paraphyses facile separabiles, apice fusco-clavatae et nonnihil torulosae; asci subangusti, 8-spori; spora 12-15 μ longae, 4-5 μ latae, ellipsoideo-dactyloideae. — A proximo *Th. geoleuca* Müll. Arg. Lich. Aegypt. n. 19, s. *Lecidea geoleuca* Nyl. Lich. Ehrenb. p. 65 praesertim apotheciis parvulis, pruinosis, intus albis, et colore hypothecii differt. — Calcicolum in deserto parvo (petit désert) Aegypti inferioris (Barb.).

C. (Pyrenodesmia) interveniens Müll. Arg.; thallus tenuis, tenuiter diffracto-areolatus, argillaceus v. demum argillaceo-cinereus v. decorticato-albidus; apothecia parvula, 1/3-1/2 mm. lata et minora, impresso-sessilia; margo tenuis, leviter prominens, cum thallo concolor, demum subexclusus, integer v. angulosus; discus siccus niger, madefactus vulgo distincte sed leviter pallens et e livido v. fusco nigricans, nudus v. obsolete caesio-pruinosulus, ambitu orbicularis v. varie angulosus, planus, mox leviter convexus; lamina apice olivaceo-fusca, caeterum cum hypothecio hyalina; paraphyses liberae; spora in ascis octonae, ellipsoideae, orculiformes et hyalinae, 12-15 μ longae et 8 1/2 μ latae. — Apothecia

minora quam in *C. variabile* et *C. aegyptiaco* et species quoad reliquos characteres inter utramque medium tenens. — Callicola in Aegypto submediterranea (Barb.).

C. (s. Pyrenodesmia) minusculum Müll. Arg.; thallus effusus, tenuissimus, leprosulus, argillaceo-albus v. fere omnino obsoletus; apothecia sessilia, $1/4$ mm. lata, hemisphaerideo-convexa, margine tenuissimo integro mox evanescente cincta; discus convexus, fuscus, plus minusve caesio-pruinosis; lamina apice fulvo-fusca, caeterum cum hypothecio hyalina; paraphyses sat conglutinatae; asci angusti, 8 spori; spores (hyalinae et oreuliformes) oblongo ellipsoideae, utrinque obtuse acutiusculae, 12-14 μ longae, 6 μ latae. = Species bene distincta, prima fronte perfecte apothecia minora *Lecaniae Nylanderianae* (qualia edidit beat. Hepp in *Flecht. Europ. n. 638*) simulans at sporis diversissimis ornata est. — Callicola in Aegypto submediterranea (Barb.).

C. citrinum v. *microcarpum* Müll. Arg.; thallus depauperatus (hinc inde tamen distincte ut in specie); apothecia tantum $1/4$ - $1/3$ mm. lata, copiosa, minus intense colorata. Reliqua a specie non differunt. — Ad saxa dura subporosa Aegypti submediterr. (Barb.).

Arthothelium xylographoides Müll. Arg.; thalli filamenta microgonidiis praedita cum elementis ligni mixta et occulta et thallus extus vix nisi macula albida indicatus; gonidia non observata; apothecia emergentia, linearia, $1/4$ — $1/2$ mm. longa, $1/5$ — $1/4$ mm. lata v. madefacta turgescencia paullo latiora, linearia, utrinque vulgo acuminata, simplicia aut subinde longitrorsum 1-2-ramuligera, sicca et madefacta atra; epithecium obsolete rimiforme, fusco-nigrum, utrinque fere in marginem proprium cum epithecio saltem superne concolorem abiens; lamina olivaceo-hyalina; hypothecium virescenti-hyalinum; paraphyses spuriae tenuissimae et clathratim ramosae; asci oblongato-obovoidei, 8-spори, apice modice pachydermei; spores 12-15 μ longae, $6\frac{1}{2}$ — $7\frac{1}{2}$ μ latae, obovoideae, hyalinae, 3-5 septatae, loculi intermedii longitrorsum semel divisi. — Extus fere simile algeriensi *Arthoniae albo-pulverae* Nyl. — Ad ligna sicca fabrefacta Telegraphi prope El Arish (Barb.).

Melanographa (s. Hemigrapha) hypoleuca Müll. Arg.; thalli elementa cum cellulis corticis confusa, macula albida indicata; lirellae primum adpresso-adnatae et orbiculares aut orbiculari-ellipticae, prominenter nigro-marginatae et in disco cinereo-pruinosis, $1/4$ - $1/3$ mm. longae, demum sessiles et magis angulosae saepeque stellatim trigonae et $1/2$ -1 mm. latae, demum denudatae et omnino atrae subinde minus in latitudinem accrescentes et 2-3-plo longiores quam

latae; discus demum planus; perithecium basi deficiens; epithecium nigro-fuscum; lamina hyalina; hypothecium obscure subhyalinum; asci 8-spori; sporae mox fuscidulae aut fuscae, 4-loculares, cylindrico-obovoideae, utrinque obtusae, 14-17 μ longae, 5-6 μ latae. — Extus prima fronte Opegrapham simulat sectionis Lecanactidis, sed sporae non hyalinae et perithecium basi incompletum est. — Corticola ad Marabout in Oasi Katiyeh (Barb.).

Opegrapha gyrocarpoides Müll. Arg.; thallus tenuis, carneo-albellus, pulverulentus, v. demum evanescens; apothecia 1/4 mm. lata, dimidio v. fere duplo longiora quam lata utrinque obtusa, pro magnitudine crassa, prominenter crasso-marginata, margines nigri, distantes, discus planus, cinereo-pruinosis; perithecium basi integre nigrum, hypothecium fuscum; asci elongato-obovoidei, 8-spori; sporae hyalinae, 6-loculares, late fusiformes, 25-33 μ longae, 9-10 μ latae. — Habitu *Op. gyrocarpam* Kbr. s. *Op. saxicolam* Aeh. simulat, sed sporae 6-loculares sunt. Ab *Op. varia* f. *pulicari* (*saxicola*) Stizenb. recedit forma apotheciorum et sporis majoribus. — Calcicola prope Alexandriam (Aschers.).

Chiodecton candidum Müll. Arg.; thallus tartareus, crassiusculus, candide albus, determinatus, continuus, supra in verrucas tortuoso-irregulares leviter prominentes laevigatas et hinc inde fere indistinctas oligocarpicas abiens, unde apothecia irregulariter gregatim approximata; apothecia valde inaequalia, ex orbiculari angulosa aut lobata, primum in verrucis profunde inclusa, dein subemergentia et cinereo-velata, nuda et atra v. fusco-atra, thallo marginata; margo proprius niger et tenuissimus, apicem laminae attingens v. etiam omnino obsoletus, hypothecium basi valde obconico; incrassatum, epithecium fuscum, lamina fulvescenti subhyalina, asci angusti, 8-spori; sporae hyalinae, fusiformes, 4-loculares, 20 μ longae et 6 μ latae. — Ex affinitate *Ch. albidum* Leight. et proximum *Ch. socotranum* Müll. Arg., at thallo albissimo, verrucis valde irregularibus aut pro parte subindistinctis, apotheciis minus aggregatis et sporis minoribus diversum est. — Calcicolum prope Alexandriam (Aschers.).

Asterotrema Müll. Arg. gen. nov. Thallus evolutus (in specie nota) nullus; apothecia peridialia, monohymenia, ore demum astroideo-lobato-dehiscentia et discum paullo denudantia; paraphyses tenuissimae (spuriae), clathratim connexae; asci subarthonioides; sporae e hyalino fuscae v. fuscescentes, transversim divisae. — Genus juxta *Asteroporum* prope *Mycoporum* locandum.

Asterotrema parasiticum Müll. Arg.; apothecia (in thallo alieno hospitantia) superficialia, $1/8-1/5$ mm. lata, orbicularia v. obsolete angulosa, sicca et madefacta opaco-nigra, convexa, rugulosa, vertice saepe paullo collapsio-impressa; perithecium in sectione verticali undique aequale et acquicrassum, sat tenue, sub microscopio fusco-nigrum; lamina fuscescenti-pallida, tenax, sc. paraphysibus spuriis tenellis et aegre discernendis clathratum ramosis cohaerens; asci oblongo-obovoidei, apice modice incrassati, 8-spори; sporaе $13-17 \mu$ longae, $7-8 \mu$ latae, oblongato-obovoideae, utrinque obtusae, 4-loculares, hyalinae, dein fuscescentes. — In thallo *Callopismatis pyracei* in Aegypto submediterranea prope Alexandriam et alibi lectum (Aschers., Barb.).

Endopyrenium hepaticum Koerb. Par., p. 302 B. minutum Müll. Arg.; thalli areolae saepius congestae, fere thallum diffracto-areolatum formantes, $1/2-1$ mm. latae, horizontales, adnatae, planae v. margine obsolete incurvae, obtuse angulosae, hinc inde 2-3-plo majores, brunneo-fuscae et crassiusculae. Apothecia ignota. — Thallus crassior et longe obscurior quam in E. exiguo. — Ad terram in Aegypto submediterranea (Barb.).

Obs. Plantula in Enum. Lich. aegypt. n. 62 sub *Verrucaria aegyptiaca* descripta, ex illo statu, ubi areolae magis segregatae crescunt, ubi inter se distantes saepeque valde deminutae at nihilominus hinc inde in centro bene fructigerae (ergo individuae nec thalli unius diffracto-areolati partiunculas repraesentantes) sunt, clare ad genus *Endopyrenium* transferenda est; sit *Endopyrenium aegyptiacum* Müll. Ar.

Verrucaria oblecta Müll. Arg.; thallus cum calce confusus; apothecia defosso-immersa, nonnisi vertice punctiformi extus perspicua, globosa $1/4-1/5$ mm. lata, perithecium nigrum verticem tantum occupans, caeterum undique hyalinopallidum; paraphyses rudimentariae; asci 8-spори; sporaе (hyalinae et simplices) $20-27 \mu$ longae, $10-11\frac{1}{2} \mu$ latae, ovoideae v. oblongato-ovoidae. — Juxta V. calcisedam locanda est. Calcis superficies demum quasi lamellosodesquamescit. — Calcicola in Aegypto submedit. (Barb.), prope Alexandriam (Aschers.).

Porina (s. *Sagedia*) *Aschersoni* Müll. Arg.; thallus albus, v. virenti-albidus, farinaceus, cum saxi elementis mixtus, haud limitatus; gonidia chroolepoidea; apothecia numerosa, nigra $1/4$ mm. lata, immersa, tantum vertice $1/10-1/8$ mm. lato perspicua, globosa v. ovoideo-globosa; perithecium praeter basin fusco-subhyalinam undique nigrum

et sat tenue; paraphyses capillares; asci angusti, obovoideo-lineares, apice non distincte pachydermei, 8-spori; sporae hyalinae, 4-loculares, fusiformes, 18-20 μ longae et 4,5 μ latae. — Prope Porinam chloroticam (Sagediam macularem Koerb.) et Porinam insuetam (Verrucariam insuetam Nyl. ap. Cromb. in Proceed. XV. p. 192) locanda est. — Calcicola prope Alexandriam (Aschers.).

Eingegangene neue Literatur.

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*) Ohne Angabe des Druckortes oder dergl.

Notiz.

Baron F. von Thümen ersucht uns, bekannt zu geben, dass er seiner Gesundheit halber sein Domizil nach Görz verlegt habe, aber auch dort seine mykologischen Arbeiten nicht im früheren Umfange fortsetzen könne. Er hat sich entschlossen, die wenigen noch vorhandenen kompletten Exemplare seiner „Mycotheca universalls“ (Centur. I.—XXII.) zum Verkauf zu stellen und solche anstatt zu 264 Mark jetzt zu 200 Mark abzulassen. Dr. G. Winter.

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