

Zeitschrift: Bericht über die Thätigkeit der St. Gallischen Naturwissenschaftlichen Gesellschaft
Herausgeber: St. Gallische Naturwissenschaftliche Gesellschaft
Band: 31 (1889-1890)

Artikel: Lichenæa africana
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DOI: <https://doi.org/10.5169/seals-834558>

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VII.

LICHENÆA AFRICANA

SCRIPSIT

ERNESTUS STIZENBERGER

DR. MED.

Commentationis de Lichenibus africanis superiore anno institutæ
particula altera.

916. *Lecidea lurida* (Sw. N. Act. Ups. V, 4 p. 247)
Ach. Meth. p. 77. — Supra saxa calcaria in Algeria et in
Sahara. — Europ., Syria, Amer. sept.

917. *L. phalerata*. Thallus squamuloso-areolatus olivaceo-ochraceus, K+ luteus dein mox sanguineus. Apothecia atosanguinea plana, margine pallidiore tenui subflexuoso persistente nitidulo, diam. 0,5-1 mm. Lamina in hypothecio incolore, epithecio olivaceo, paraphysibus coalitis. Sporæ oblongo-ellipticæ incolores simplices longit. 0,009-14, crassit. 0,0025-40 mm. Gelatina hymenea iodo cœrulescens. Spermatia minutissima. — Supra saxa granitica dilabentia in Monte Leonis prope Kapstadt: MacOwan. — Endem.

918. *L. deceptor* Nyl. in Flora 1878 p. 451 (*L. albilabra* ib. p. 345). — Supra terram sabulosam prope Batna in Sahara: Norrlin. — Hercegowina, Lusit., Corsica.

919. *L. subdecepiens* Nyl. l. c. p. 342. — Supra terram arenosam prope El Kantara in Sahara: Norrlin. — Endem.

920. *L. testacea* (Hffm. Pl. lich. p. 99) Ach. l. c. p. 80. — Supra saxa calcaria in Algeria. — Europ.

921. *L. compacta* Nyl. Exot. p. 259. — Supra terram in insula Borbonia. — Endem.

(Lecidea)

922. *L. ochroxantha* Nyl. l. c. p. 223 f. *æthiopica*.
Margine squamularum thalli inermi, apotheciis mediocribus
diam. 0,5-1,5 mm, sporis longit. 0,012-16, crassit. 0,0025-30 mm,
paraphysibus subdiscretis crassit. 0,003 mm. — Corticicola ad
Schangul in Aethiopia: Kotschy et in monte Boschberg:
MacOwan. — Endem.

923. *L. parvifolia* Pers. in Gaud. Uran. p. 192. — Cor-
ticicola in Port Natal: Armstrong-Mackenzie et in Promon-
torio Bonæ Spei. — Zeylan., Borneo, Austral., Polynes., Amer.
trop. et subtrop. — Var. *fibrillifera* Nyl. Syn. Nov.-Cal. p. 42.
— In Africa australi teste Strt. Add. — Asia trop., Nov.-Hol-
land., Polynes., Cuba, Brasil.

924. **L. parvifoliella* Nyl. Nov.-Granat. Ed. II p. 54.
— Corticicola in Port Natal: Armstrong-Mackenzie. — Cuba.

925. **L. breviuscula* Nyl. l. c. — Corticicola in Port
Natal: Armstrong-Mackenzie. — Zeylan., Queensland, Cuba,
Paraguay, Brasil.

926. **L. Santensis* Tuck. Suppl. N. Amer. Lich. p. 428.
— Corticicola in Port Natal: Armstrong-Mackenzie. — Caro-
lina austr.

927. *L. russula* Ach. l. c. p. 61. Syn. *L. rubina* Ach.
Syn. p. 40. — Supra corticem *Uvariae* aliarumque arborum
in Guinea; corticicola in Africa tropico-orientali: Hanning-
ton et supra saxa duriora prope Lydenburg et Krügerspost
in Transvaalia: Wilms. — Gall. merid., Lusit., Japon., Austral.,
Amer. utraque.

928. *L. crassa* Nees in coll. Zeyher sub *Lepraria*.
Thallus virescentiflavus crassus (crassit. 0,3 mm), ambitu sublo-
batus inæqualis hirtus opacus intus pallide sulfureus, K⁺₊
pallide ferrugineus. Apothecia flavovitellina sessilia immargi-
nata convexula tandem irregularia, intus alba, diam. 0,5-8 mm.
Hymenium superne leviter fuscescens in hypothecio incolore,

paraphysibus non discretis. Sporæ octonæ in thecis amplis incolores ellipticæ vel fusiformes longit. 0,010-14, crassit. 0,004-6 mm. Gelatina hymenea iodo pallide cœrulescens. — Supra terram ad Promontorium Bonæ Spei: Zeyher, ibidem juxta saltum Lowry in Hottentott Hollands Bergen: MacOwan. — Endem.

929. *L. sublucida*. Thallus cinereoviridis effusus granulatus. Apothecia minuta diam. 0,15 mm pallide sulfureocarnea, margine pallidiore, plana intus alba; lamina epi- et hypothecio in colore et paraphysibus coalitis. Sporæ octonæ oblongæ nonnihil curvulæ longit. 0,010-14, crassit. 0,003-4 mm. Gelatina hymenea iodo cœrulescens dein vinose fulvescens. — Supra ramulos arborum in monte Spitzkop prope Lydenburg: Wilms. — Endem.

930. *L. mutabilis* Fée Suppl. p. 105, Nyl. En. p. 120 et Nat. p. 8. — Corticicola in Port Natal: Armstrong-Mackenzie. — Vallisia britan., Hibern., inss. Normann., Amer. trop., Antill.

931. *L. carneorufa* Müll. in Flora 1890 p. 343. — Corticicola in Africa tropico-orientali: Hannington. — Endem.

932. *L. anteposita* Nyl. Nat. p. 8. — Corticicola in Port-Natal: Armstrong-Mackenzie. — Endem.

933. *L. leptoloma* Müll. l. c. 1881 p. 518. — Corticicola in insula Madagascar: Hildebrandt. — Endem.

934. *L. endochrysea* Müll. l. c. 1885 p. 508. — Ramulicola ad Tchamtei in Duruma Africæ orientalis: Hildebrandt. — Endem.

935. *L. microsperma* Nyl. Exot. p. 259. — Supra cortices arborum putrescentium locis humidis umbrosis in insula Borbonia. — Endem.

936. *L. Mauritiana* Tayl. in Hook. Journ. Bot. 1847 p. 151. — In insulis Sancti Mauritii et Borbonia. — Endem.¹

¹ Huic affinis dicitur *L. thaleriza* Strt. Add. p. 217, corticicola in Africa australi.

(Lecidea)

937. *L. stupparia*. Thallus viridistramineus crassus cartilagineus, centro granuloso-areolatus, ambitu byssaceo-radiatus. Apothecia crebra, disco plano sanguineorubro, margine crasso pallidiore primum superante tandem æquali, intus rubescentia. Hymenium incolor in hypothecio pallide fuscescente, paraphysibus subcoalitis crassiusculis. Sporæ octonæ incolores cylindrico-ellipticæ longit. 0,011-13, crassit. 0,0025 mm. Gelatina hymenea iodo cœrulescens dein nonnihil violascens. — Supra corticem arborum montis Boschberg in Africa australi: MacOwan in Hb. Lojka. — Endem. — *L. microspermæ* Nyl. et *Mauritianæ* Tayl. affinis.

938. *L. lignyodes*. Thallus luridofuscus effusus granulatus. Apothecia extus intusque atra immarginata convexa tandem difformia, diam. 1-1,5 mm. Hymenium superne viridulofuscum nonnihil granulatum in hypothecio fusconigro, paraphysibus discretis crassis. Sporæ octonæ in thecis lanceolatis incolores fusiformes simplices longit. 0,010, crassit. 0,003 mm. Gelatina hymenea iodo cœrulescens dein obscure violascens. — Supra terram particulas siliciosas continentem prope Constantine: Flagey. — Endem.

939. *L. Piperis* (Spr. in Act. Holm. 1826 p. 49) Nyl. l. c. p. 223. — Corticicola in Africa tropico-orientali: Hannington. — Amer. calidior.

940. *L. aurigera* Fée Ess. p. 106. — Corticicola in Port Natal: Armstrong-Mackenzie. — Amer. austr.

941. *L. sanguineoatra* (Wulf. in Jacq. Coll. III p. 117?) Ach. Meth. p. 50 p. p., Fr. L. S. 223, Nyl. Scand. p. 199. — Supra muscos et ligna prope Philippeville Algeriæ: Durieu. — Europ., Japon., Amer. sept., Fret. Bering.

942. *L. furfurosula* Nyl. in Flora 1886 p. 173. — Corticicola in insula Sancti Thomæ 950 m: Moller. — Endem.

943. *L. tenuis* Müll. Afr. p. 34. — Supra ramos in planitie secus flumen Quillu: Pechuel-Löesche. — Endem.

944. *L. fuscorubens* Nyl. in Bot. Not. 1853 p. 183, id. Scand. p. 199. — Supra saxa calcaria prope Constantine Algeriæ: Flagey; testibus Nyl. et Leighton etiam in insulis Canariis. — Europ.

945. *L. Natalensis* Nyl. in Cromb. Chall. p. 216, Syn. *L. fuscorubescens* Nyl. Nat. p. 8 non Andam. p. 10. — Corticicola in Port Natal: Armstrong-Mackenzie. — Endem.

946. *L. plumbeella* Müll. Diagn. Socot. p. 7. — Graniticola in insula Socotra: Schweinfurth. — Endem.

947. *L. contractula* Müll. l. c. — Quartzicola in insula Socotra: Schweinfurth. — Endem.

948. *L. subalbicans* Nyl. in Cromb. Cap. p. 176. — Saxicola in Monte Tabulari: Eaton. — Endem.

949. *L. lævigata* Nyl. En. p. 143. — Graniticola in monte Deban Abyssiniæ: Beccari. — Europ. — Sporæ longit. 0,013-16, crassit. 0,005-6 mm. (nonnihil minores quam in specimenibus a cll. Nylander, Arnold et Leighton examinatis).

950. *L. configurans* Nyl. in Cromb. Rodr. p. 442. — Saxicola in insula Rodriguesii: Balfour. — Endem.

951. *L. calcivora* (Ehrh. Pl. cr. 244) Nyl. Prodr. p. 135. — Saxicola prope Constantine in Algeria: Flagey. — Europ., Amer. sept.

952. *L. chondrodes* (Mass. Symm. p. 39) Rich. Deux-Sèvr. p. 38. — Supra lapides calcarios prope Constantine Algeriæ: Flagey. — Europ.

953. *L. glebaria*. Thallus vix conspicuus tenuissimus effusus fuscoviridis pulverulento-granulatus. Apothecia mediocria diam. 0,4-8 mm pallide rubella vel fuscorubella convexa, margine pallidiore tenui mox evanescente. Hymenium cum epithecio et hypothecio incoloria, paraphysibus non dis-

(Lecidea)

cretis. Sporæ octonæ incolores simplices ellipticæ vel oblongæ longit. 0,006-12, crassit. 0,003-6 mm. Gelatina hymenea iodo pallide cœrulescens, mox fulvescens. Prope *L. prasino-rufam* Nyl. et *gelatinosam* Flk. locanda. — Supra terram montis Spitzkop prope Lydenburg in Transvaalia: Wilms. — Endem.

954. *L. cinnamea*. Thallus cinerascens, versus marginem pallidior et nonnihil fibrose radians, K+ lutescens. Apothecia crebra pallidius vel saturatius cinnamomea vel nigrofusca plana vel convexa adpressa, margine pallidiore tenui mox evanescente, intus incoloria, diam. ad 0,5 mm. Epithecium luteolum, hypothecium incolor, paraphyses non discretæ. Sporæ octonæ incolores ellipsoideæ simplices longit. 0,012-14, crassit. 0,005-8 mm. Gelatina hymenea iodo cœrulea dein obscure fulvescens. — Supra corticem arborum pomiferarum prope Lydenburg in Transvaalia: Wilms. — Endem.

955. *L. opalina*. Syn. *L. subalbescens* Stzb. in Hb. Lahm. Thallus cinereus vel cinereo-albus tenuissimus, lineola nigra limitatus, lævis vel furfuraceo-pulvereus. Apothecia crebra diam. 0,4-7 mm plana vel convexa pallido- vel fusco-rufescentia, margine obscuriore, disco tumido hyalino. Hymenium superne fuscoluteum in hypothecio incolore, paraphysibus coalitis. Sporæ octonæ incolores simplices ovaes longit. 0,009-14, crassit. 0,005-7 mm. Gelatina hymenea iodo intense cœrulea. *L. sylvanæ* proxima. — Corticicola prope Lydenburg in Transvaalia: Wilms. — Endem.

956. *L. sylvana* (Krb. S. L. G. p. 200) Fr. fil. Scand. p. 430 unacum var. **Schoana** Jatta Second. contr. p. 51. — Supra cortices in Schoa: Antinori. — Typus in Europ. et Argentin.

957. *L. aporetica*. Thallus cinereoviridis pulverulento-granulosus opacus. Apothecia sessilia carneorubella, juniora

nonnihil obscuriora plana margine obscuriore, tandem convexula margine evanescente, diam. 0,5-8 mm. Hymenium, epitet hypothecium incoloria, paraphyses discretæ. Sporæ octonæ oblongo-ellipticæ rarius ovoideæ simplices incolores longit. 0,12-14, crassit. 0,006 mm. Gelatina hymenea iodo cœrulescens. *L. tenebricosa* thallo magis evoluto, apotheciis lætius tinctis et sporis turgidioribus differt. — Supra arborum truncos in monte Boschberg, Sommerset East Africae australis: MacOwan. — Endem.

958. *L. tenebricosa* (Ach. L. U. p. 382 p. p.) Nyl. Scand. p. 201. — Corticicola prope Lydenburg in Transvaalia: Wilms. — Europ., Fret. Bering.

959. *L. fraudulent*a (Hepp Fl. E. 740 non *Catillaria fraudulent*a Krb.). — Corticicola in Madera. — Europ.

960. *L. Heerii* Hepp in Schaer. L. H. 630, Nyl. Lapp. p. 152. — Supra thallum *Nephromii lævigati* prope Ribeiro frio in insula Madera: Fritze. — Europ.

961. *L. globulosa* Flk. D. L. 181, Nyl. l. c. p. 149. — Supra truncos *Ricini* vetustos in Algeria. — Europ.

962. *L. intermixta* Nyl. Chil. p. 161. — Corticicola in Algeria: Letourneux. — Europ., Nov.-Caled., Amer.

963. **L. cyanocentra* Nyl. Nat. p. 9. — Corticicola in Port Natal: Armstrong-Mackenzie. — Endem.

964. **L. subfuscata* Nyl. Exot. p. 243. — In Promontorio Bonæ Spei. — Zeylan., Polynes.

965. *L. cyrtella* Ach. Meth. p. 67. — Corticicola in hortis ad Milah prope Constantine: Flagey. — Europ., Amer. sept.

966. *L. rubicola* Crouan apud Nyl. in Flora 1869 p. 294. — Super folia *Elæidis Guineensis* in insula Sancti Thomæ 900 m: Moller. — Europ. centr. et occid.

967. *L. tricolor* (With. Arr. 4 p. 20) Nyl. Scand. p. 207.

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— Corticicola in Promontorio Bonæ Spei: Wright. — Europ., Amer. sept.

968. L. subternella Nyl. Ins. Guin. p. 22. — Super folia *Elæidis Guineensis* in insula Sancti Thomæ: Newton. — Endem.

969. L. melampepla Tuck. Obs. Lich. 1862 p. 419. — Supra corticem fruticum prope Simon's Town in Promontorio Bonæ Spei: Wright. — Endem.

970. L. milliaria Fr. in V. Ak. Handl. 1822 p. 255 p. p., Nyl. in Norrl. Torn. p. 336. — Supra corticem fruticum in Schoa: Antinori. — Europ., Amer. sept.

971. L. sabuletorum (Schreb. Spic. p. 134) Flk. in Berl. Mag. 1808 p. 309?, Nyl. Scand. p. 204. — Supra terram inter muscos in Algeria: Durieu, Flagey. — Europ., Nov.-Zel., Grœnl., Fret. Bering.

972. L. sophodella Nyl. in Bol. Brot. IV, 1886 p. 7. — Super folia *Elæidis Guineensis* in insula Sancti Thomæ: Moller. — Endem.

973. L. farinulenta (Müll. Afr. p. 36). — Supra folia coriacea in planitie secus flumen Quillu: Pechuel-Lœsche. — Endem.

974. L. abyssinica (Müll. in Flora 1885 p. 509). — — Supra ramulos prope Habab in Abyssinia: Hildebrandt. — Endem.

975. L. cyrtocheila. Thallus viridiflavescens opacus effusus arcte adnatus squamulato-membranaceus superficie scaber. Apothecia biatorina vix 1 mm lata, disco carneo-rubro plano tandem convexulo obscure fusco, margine pallidioris crasso irregulariter angulose inflexo ceraceo demum attenuato. Hymenium superne luteum in hypothecio incolore, paraphysibus coalitis. Sporæ octonæ incolores fusi-formes 5-septatæ longit. 0,016-20, crassit. 0,005-6 mm. Gelatina hymenea iodo intense cœrulea. *L. prasinorubellæ* Nyl.

affinis. — Supra corticem arborum in monte Boschberg Africae australis: MacOwan in Hb. Lojka. — Endem.

976. *L. Fritzei* (Stein Ber. Schles. Gesellsch. 1882 p. 232). — Supra saxa basaltica prope Rabacal in insula Madera: Fritze. — Endem.

977. *L. leucocheiloides* Nyl. in Flora 1868 p. 234. — Corticicola in insula Madera. — Endem.

978. *L. vagula* Nyl. Ins. Guin. p. 21. — Epiphylla in insula Sancti Thomæ: Newton. — Endem.

979. *L. caruncula*. Thallus cinereus effusus tenuis parce granulatus. Apothecia carnea elevata subdiaphana, disco obscure rufofusco concavo vel plano, margine crasso tandem evanescente, intus alba, diam. 0,15-25 mm. Lamina incolor paraphysibus discretis subramulosis, thecis saccatis. Sporae octonae incolores elongato-fusiformes 7-septatae longit. 0,040-50, crassit. 0,005-6 mm. Gelatina hymenea iodo coerulea. *Lecidea sarcion* Stzb. sporis obtusis, reactione hymenii et apotheciis majoribus a *L. caruncula* differt. — Ramulicola in sylvis ad Karkloof Nataliæ: Rehmann. — Endem.

980. *L. inconsequens* Nyl. Nat. p. 9. — Corticicola in Port Natal: Armstrong-Mackenzie. — Endem.

981. *L. luteola* (Schrader. Spic. p. 85) Ach. Syn. p. 41. — Corticicola in Schoa: Antinori, Port Natal: Wood et in insula Madagascar: Hildebrandt. — Europ., Island., Amer. utraque.

982. **L. conspondens* Nyl. Syn. Nov.-Caled. p. 47. — In Africa australi teste Strt. — Nov.-Caled.

983. *L. millegrana* (Tayl. l. c. p. 159) Nyl. Nov.-Granat. Ed. II p. 64. — Corticicola in Port Natal: Armstrong-Mackenzie et in monte Boschberg: MacOwan. — Lusit., Nov.-Zel., Amer. austral.

984. *L. endoleuca* Nyl. in (Bot. Not. 1853 p. 98) Flora 1869 p. 295. — Corticicola in regno Schoa: Antinori, in

(Lecidea)

monte Boschberg Africae australis: MacOwan, in Port Natal, ubi simul adest forma apotheciis pallescentibus: Armstrong-Mackenzie, prope Lydenburg in Transvaalia: Wilms et in insula Madera: Mandon. — Europ., Nov.-Holl., Nov.-Zel., Amer. utraque.

985. *L. trifaria. Thallus cinereus effusus pulverulento-granulosulus, K+ lutescens. Apothecia sessilia nigra concava vel plana, margine crassiore nitente, disco opaco, intus cinerea sub linea atrocærulea, diam. 0,2-5 mm. Epithecium cærulescens, hypothecium rubricosum, paraphyses subdiscretæ. Sporæ octonæ curvato-aciculares incolores multiseptatæ longit. 0,050-65, crassit. 0,004 mm. Gelatina hymenea iodo cærulea. A *L. endoleuca* peraffini epithecio et reactione thalli distat. — Supra cortices arborum in sylvis prope Karkloof Nataliæ: Rehmann. — Endem.

986. *L. Socotrana (Müll. in Balf. Bot. of Socot. p. 368). — Supra ligna emortua in insula Socotra: Balfour. — Endem.

987. *L. leucostephana. Thallus gilvopallescens indeterminatus leprosus, K+ flavens. Apothecia nigra diam. 0,4-6 mm plana, margine distincto albosuffuso, intus pallide carnea. Hymenium superne fuscum in hypothecio incolore, paraphysibus discretis. Sporæ octonæ incolores aciculares 7-septatæ longit. 0,037-56, crassit. 0,003-4 mm. Gelatina hymenea iodo cærulescens. — Corticicola in monte Boschberg Africae australis: MacOwan. — Endem.

988. L. endoleucella. Thallus cinereus effusus tenuissimus pulverulentus. Apothecia atrofusca sessilia, juniora concava, margine tumido dilutiore nitente, adultiora plana vel convexa, margine concolore demum attenuato imo evanescente, diam. 0,4-5 mm. Hymenium altit. ca. 0,08 mm, superne fuscum granulosum in hypothecio incolore, paraphysibus capillaribus discretis. Sporæ octonæ aciculares incolores

8—16-septatæ longit. ca. 0,070, crassit. 0,004 mm. Gelatina hymenea iodo cœrulescens. — Corticicola ad Promontorium Bonæ Spei: MacOwan in Hb. Lojka. — Endem.

989. *L. endoleucoides* Nyl. l. c. 1868 p. 234. — Corticicola in Africa tropico-orientali: Hannington et in insulis Madagascar: Hildebrandt et Madera. — Endem.

990. *L. æmula*. Thallus cinereus tenuis gleboso-granulosus, K+ pallide flavens. Apothecia dense conglobata nigra plana crasse marginata dein convexa immarginata nonnihil difformia et scabra (juniora ochraceofusca concaviuscula vel plana margine concolore), intus nigra, diam. 0,5-1,2 mm. Hymenium paraphysibus conglutinatis et thecis lanceolatis, nonnihil lutescens superne fuscum in hypothecio nigrofusco, K non mutato. Sporæ aciculares 7-septatæ longit. 0,050-70, crassit. 0,004-5 mm. Gelatina hymenea iodo cœrulea dein obscure fulvescens. Inter *L. endoleucam* et *propinquam* collocanda; ab ambabus apotheciis differt intus nigris, a priore etiam paraphysibus coalitis, a posteriore hypothecio obscuriore ejusque reactione sicut apotheciis minoribus. Apotheciis scabris hymenioque lutescenti aliquid morbosum inesse videtur. — Corticicola in monte Boschberg ad Promontorium Bonæ Spei: MacOwan (Zwackh exs. 822). — Endem.

991. *L. proposita* Nyl. Nov.-Granat. Add. p. 557. — Saxicola in Africa australi teste Strt. — Nov.-Granat.

992. *L. leucotripta* Nyl. Ins. Guin. p. 22. — Super corticem *Coffeæ* in insula Sancti Thomæ 750 m: Newton. — Endem.

993. *L. fuscorubella* (Hffm. D. Fl. II p. 175) Nyl. in Flora 1878 p. 453. — Super corticem arborum pomiferarum prope Lydenburg in Transvaalia: Wilms. — Europ., Amer. sept.

994. **L. capreolina*. Thallus cinnamomeus vel capreolinus minute squamuloso-granulosus. Apothecia castaneo-vel nigrofusca diam. 0,3-1 mm, mox convexa immarginata

(Lecidea)

confluentia intus alba. Epithecium caryophyllatum, paraphyses crassiores superne clavatae non bene discretæ. Sporæ octonæ incolores aciculares 15-septatae longit. 0,046-65, crassit. 0,003-4 mm. Gelatina hymenea iodo cœrulea. — Super arborum ramulos montis Spitzkop prope Lydenburg in Transvaalia: Wilms. — Endem.

995. *L. rufata. Thallus cinereo-viridis minute granulosus linea nigra determinatus. Apothecia mediocria diam. 0,4-8 mm fuscilla vel nigrofusca plana vel convexa, margine pallidiore demum evanescente. Epithecium fuscum, hypothecium incolor, paraphyses coalitæ. Sporæ aciculares 3-11-septatae longit. 0,030-45, crassit. 0,0025-30 mm. Gelatina hymenea iodo cœrulescens dein sordide fulvescens. Thallus reagentibus non tingitur. Extus *L. millegranæ* similis, revera *L. fusciorubellæ* peraffinis. — Supra corticem arboris e Malvacearum familia prope Durban: Wilms. — Endem.

996. L. Kotschy Krmplh. Exot. p. 328. Epi- et hypothecium rubrofusca, paraphyses non bene discretæ, sporæ aciculares 7-septatae, longit. 0,028-42, crassit. 0,003-4 mm. Gelatina hymenea iodo cœrulescens. — Corticicola in monte Hedra Nubarum: Kotschy. — Endem.

997. L. effusa (Sm. E. B. t. 1863) Leight. Great Brit. Ed. III p. 370. — Corticicola in insula Madera. — Europ., Amer. sept.

998. L. intermedia (Hepp in Hb. Stzb.) Nyl. in Zw. Lich. Heidelb. p. 50. — Super corticem arborum in monte Boschberg Africae australis: MacOwan. — Europ.

999. L. chlorotica (Ach. L. U. p. 196) Nyl. in Flora 1874 p. 312. — Supra arborum truncos in monte Boschberg: MacOwan. — Europ., Japon.

1000. L. Norrlini Lamy Cat. p. 107. — Corticicola in Schoa: Antinori et in Durban Africae australis: Wilms. — Europ.

1001. *L. atlantica* (Müll. Gaz. II p. 137). — Supra ramulos siccos in insula Ascensionis: Naumann. — Endem.

1002. *L. chlorophæata* Nyl. in Cromb. Cap. p. 176. — Saxicola in Monte Tabulari: Eaton. — Endem.

1003. *L. medialis* Tuck. Obs. Lich. 1864 p. 280. — Corticicola in monte Boschberg Promontorii Bonæ Spei: MacOwan. — Calcutta, Texas, Florid., Cuba, Nicarag., Brasil.

1004. *L. vestita* (Mont. in Ann. Sc. nat. 2, II p. 374) Nyl. Nov.-Granat. Ed. II p. 61 et Nat. p. 10. — Corticicola in Port Natal: Armstrong-Mackenzie. — Guyan. gall.¹

1005. *L. intercedens* (Müll. in Flora 1879 p. 166). — Supra *Cactos* ad Alcasar el Kebir in Marocco: Brun. — Endem.

1006. *L. inconveniens* Nyl. Nat. p. 10. — Corticicola in Port Natal: Armstrong-Mackenzie. — Endem.

1007. *L. albonigricans* Nyl. in Flora 1868 p. 234. — Corticicola in Madera. — Endem.

1008. *L. subspadicea* (Müll. l. c. 1885 p. 510). Apothecia intus rubentia, epithecio fusco, hypothecio hyalino, paraphysibus discretis. Sporæ longit. 0,045-60, crassit. 0,0040-45 mm. — Corticicola prope Lydenburg in Transvaalia: Wilms et in insula Madagascar: Hildebrandt. — Nov.-Caled., Parag.

1009. *L. stenospora* (Hepp Fl. E. 516) Nyl. l. c. 1869 p. 413 var. ***acutata***. Sporæ longiores (longit. 0,030-55, crassit. 0,003 mm) et magis acutæ quam in typo. (Epithecium K+ violascens.) — Ramulicola in sylvis ad Karkloof Nataliæ: Rehmann. — Endem.

¹ Prope pagum Vista ad ostium fluminis Kongo *Lecidea* e stirpe *L. microphyllinæ* a Dom. P. Hesse reperta est, quam propter exiguitatem speciminum, quæ quidem adhuc disquisivi, certe non potui determinare.

(Lecidea)

1010. *L. heterobola* Nyl. in Cromb. Chall. p. 214. — Saxicola in Promontorio viridi. — Endem.

1011. *L. muscorum* (Sw. in N. A. Ups. 4 p. 245) Nyl. in Norrl. Tavast. p. 189. — Supra terram inter muscos ad fines arborum et fruticum in latere boreali montis Silke Abyssiniæ 3200 m: Schimper (Un. it. 1394). — Europ., Island., Spitsberg., Fret. Bering., Amer. sept.

1012. *L. patellarioides* Nyl. Alg. p. 333. — Supra corticem *Lentisci*, *Fici* etc. in Algeria: Durieu, Trabut. — Europ. merid., Calcutta, Japon.

1013. *L. decussata* (Müll. Diagn. Soc. p. 8). — Calcicola in insula Socotra: Balfour. — Endem.

1014. *L. Bruniana* (Müll. in Flora 1879 p. 166). — Super *Cactos* ad Alcasar el Kebir in Marocco: Brun. — Endem.

1015. *L. versicolor* Fée Ess. p. 115 et Suppl. p. 104. — Corticicola in Port Natal: Armstrong-Mackenzie. — Austr., Nov.-Zel., Nov.-Caled., Amer. trop.

1016. *L. vigilans* (Tayl. l. c.) Nyl. in Flora 1886 p. 173. — Corticicola in insulis Sancti Thomæ 950 m: Moller et Sancti Mauritii. — Amer. tropica.

1017. *L. megacarpa* Nyl. Exot. p. 260. — Corticicola in insula Sancti Mauritii, forte etiam in Borbonia. — Zeylan.

1018. *L. Thomensis* Nyl. in Flora 1886 p. 173. — In Pico insulæ Sancti Thomæ 2120 m: Moller. — Endem.

1019. *L. Maderensis* (Krmplh. in Flora 1868 p. 233) Nyl. Ins. Guin. p. 19. — Supra corticem *Oreodaphnes fœtentis* in insula Madera: Mandon (Mad. 6, 12), Fritze. — Endem.

1020. *L. pachycarpa* Duf. MS., Nyl. Prodr. p. 118. — Corticicola in Port Natal: Armstrong-Mackenzie. — Europ.

1021. *L. tuberculosa* Fée Ess. p. 107 et Suppl. p. 103, Nyl. Nov.-Granat. Ed. II, p. 66. Syn. *L. chloritis* Tuck. apud Nyl. l. c. et ejus var. *nigrata* Müll. in Flora 1881 p. 232. — Corticicola in Port Natal: Armstrong-Mackenzie, in insula Sancti Thomæ 800—1200 m: Moller, in insula Madagascar et in sylvis Borboniæ. — Japon., Amer. utraque. — **F. *geotropæ*** Stzb. in Flora 1886 p. 417. Sporæ elongato-ellipticæ longit. 0,115-130, crassit. 0,038-50 mm. — Supra terram siccā in Monte Tabulari: Jelinek. — Endem. — Var. ***macrocarpa*** Nyl. Exot. p. 260. — Corticicola in Borbonia. — Endem.

1022. *L. melanocarpa* Nyl. l. c. — Corticicola in insula Borbonia: Boivin et in Madagascar: Pervillé. — Endem.

1023. *L. amplificans* Nyl. Nov.-Granat. Ed. II p. 67. — Corticicola in insula Borbonia. — Nov.-Granat.

1024. *L. conjuncta* Nyl. l. c. — Super corticem arborum rugosum in silvis editioribus insularum Mascarenarum: Bory. — Endem.

1025. *L. Meyeri* (Stein Afric. seors. p. 6). — Corticicola in territorio Hundu (Usambara): Meyer. — Endem.

1026. *L. Domingensis* (Pers. in Act. Wett. V teste Ach. Syn. p. 336) Nyl. En. p. 123. — Corticicola in Port Natal: Armstrong-Mackenzie. — Asia trop., inss. Fidschi, Amer. utraque.¹

1027. *L. flavocrocea* Nyl. l. c. et Nov.-Granat. Ed. II p. 68. — Supra truncos arborum in Promontorio Bonæ Spei. — Endem.

1028. *L. aureola* Tuck. Obs. Lich. 1864 p. 281 et in Nyl. l. c. — Corticicola in Africa australi: MacOwan. — Cuba.

¹ *Lecanora Doming.* Ach. l. c., Nyl. Antill. p. 11.

(Lecidea)

1029. *L. leucoxantha* Spr. in Act. Holm. 1821 p. 46. — Corticicola in Monte Tabulari: Eaton, in Port Natal: Armstrong-Mackenzie, prope Baziya in Caffraria: Baur et in insulis Borbonia, Johanna et Rodriguesii: Balfour. — Zeylan., Amer. utraque.¹ — Var. ***ochrocarpa*** Nyl. En. p. 123. — In insula Sancti Mauritii. — Endem.

1030. *L. vulpina* Tuck. l. c., Nyl. Nov.-Granat. Ed. II p. 69. — Corticicola in Port Natal: Armstrong-Mackenzie et in insula Sancti Mauritii. — Zeylan., Asia or., Nov.-Caled., Amer. utraque.²

1031. *L. perpallida* Nyl. l. c. (nota). — Corticicola in insula Madagascar (dubia): Hildebrandt. — Antill., Cuba, Brasilia (ubi etiam foliicola adest).

1032. *L. glaucophæodes* Nyl. Ins. Guin. p. 19. — Super folia *Elæidis Guineensis* in insula Sancti Thomæ: Newton. — Endem.

1033. *L. peribyssiza* Nyl. l. c. p. 20. — Supra folia *Fici* in insula Sancti Thomæ: Newton. — Endem.

1034. *L. Molleri* Henriq. apud Nyl. l. c. — Super folia Piperaceæ cujusdam in insula Sancti Thomæ. — Endem.

1035. *L. Woodii*. Syn. *Bombyliospora natalensis* Hszl. in Hb. Lojka non *Lecidea natalensis* Nyl. in Cromb. Chall. p. 216. Thallus epiphyllus cinereus tenuissime araneosus. Apothecia sessilia, diam. 0,5 mm, primum concava crasse isabellino-marginata disco rubrofusco, tandem plana immarginata disco nigricante. Hymenium superne fuscum in hypothecio incolore, paraphysibus non discretis. Sporæ singulæ in thecis elongato-ellipticæ passim curvatæ parenchymaticæ incolores episporio crasso, longit. 0,056-80, crassit. 0,014-17 mm.

¹ *Lecanora leucoxantha* Nyl. in Cromb. Rodr. p. 437.

² *Lecanora vulpina* Nyl. Nat. p. 6. — De synonymia ampliore cfr. Müll. in Flora 1881 p. 104.

Gelatina hymenea iodo intense cœrulescens. — Foliicola in Port Natal: Wood (Hb. Lojk.). — Endem.

1036. *L. fossarum* Duf. MS., Nyl. Prodr. p. 116. — Supra terram subhumidam in Algeria: Durieu, Balansa. — Europ., Amer. sept., Fret. Bering.

1037. *L. palmeti*. Thallus macula alba effusa indicatus, apothecia minuta fusconigra immarginata intus alba. Thecæ polysporæ crebræ elongato-clavatæ longit. 0,080, crassit. 0,014 mm, paraphyses parvæ rigidæ discretæ. Sporæ cylindricæ incolores simplices longit. 0,004, crassit. 0,002 mm. — Supra partes lignosas *Phœnicis dactyliferæ* sylvestris prope Durban in Africa australi: Wilms. — Endem.

1038. *L. opaca* Duf. in Fr. L. E. p. 289. — Supra rupes prope Keren in Abyssinia: Beccari. — Gallia.

1039. *L. adglutinata* Duf. Hb. et MS., Nyl. l. c. p. 120. — Supra saxa calcaria prope Constantine: Flagey. — Europ. mitior.

1040. *L. decipiens* (Hdw. St. cr. II p. 7) Ach. Meth. p. 80. — Supra terram sabulosam in Aegypto: Ehrenberg, in Algeria: Durieu, Flagey, in Sahara: Norrlin (ad Promontorium Bonæ Spei: Thunberg, Drège, MacOwan?). — Europ., Palæst., Turcoman., Austral., Polyn., Amer. sept., Fret. Bering., Argentin.

1041. **L. achroopholis* Nyl. in Cromb. Rodr. p. 441. — Saxicola in insula Rodriguesii: Balfour. — Endem.

1042. *L. crenata* (Tayl. l. c. p. 156). — Terricola in Promontorio Bonæ Spei et in deserto Kalahari locis alveorum post recessus aquarum humentibus: Hans Schinz. — Hispan., Texas. ?¹ — Var. ***speirea*** (Tayl. l. c.). Syn. *Lichen incarnatus* Thunb. Cap. p. 176? — In Promontorio Bonæ Spei: Zeyher. — Amer. sept.

¹ *Lecidea peltata* Strt. Add. p. 216 facile ad *L. crenatam* pertineat.

(Lecideia)

1043. L. mamillaris (Gouan Herb. Montp. p. 88) Duf. in Fr. l. c. p. 285. — Calcicola in Algeria. — Europ. merid.

1044. L. tabacina (Ram. in DC. Fl. Fr. II p. 367) Schaer. En. p. 100. — Supra terram sabulosam in Dschebel Tugur et prope Oran Algeriæ: Balansa, prope El Kantara in Sahara: Norrlin et prope Constantine: Flagey. — Europ.

1045. L. vesicularis (Hffm. Pl. lich. t. 32 f. 3) Ach. Meth. p. 78, Syn. *Thallædema Tæpferi* Stein. — Supra rupes calcarias et terram in Algeria, Sahara et in insula Madera. — Europ., Asia, Amer. arct., Fret. Bering., Argentin., Cap. Hoorn.

1046. L. bumamma Nyl. in Cromb. Cap. p. 177. Syn. *L. styloumena* Strt. Add. — In rimis saxorum graniticorum aqua irrigatis Montis Tabularis: Eaton, MacOwan; iisdem stationibus ad Klyn-Visch-Rivier: MacOwan et prope Lydenburg in Transvaalia: MacLea (Hb. Rehmann). — Endem.

1047. L. geoleuca Nyl. Aeg. p. 7. — Supra terram inter Bir Hamam et Abusir Aegypti: Ehrenberg. — Endem.

1048. L. Barbeyana Müll. Egypt. Suppl. p. 5. — Calcicola in deserto parvo Aegypti inferioris: Barbey. — Endem.

1049. L. coccocarpioides Nyl. in Cromb. Rodr. p. 441. — Saxicola in insula Rodriguesii: Balfour. — Endem.

1050. L. candida (Web. Spic. p. 193) Ach. l. c. p. 79. — Supra saxa calcaria in Algeria. — Europ., Turcoman., Amer. arct., Fret. Bering.

1051. L. incretata Thallus e torulis cretaceo-albis bullis glabris rarius scabris discretis vel contiguis diam. 0,5-7 mm in hypothecio effuso nigro compositus, K+ flavens. Apothecia singula vel plura quovis in torulo, nigra immarginata convexa diam. 0,3-8 mm. intus obscura. Lamina in hypothecio incolore vel pallide fuscescente paraphysibus rigidis coalitis superne smaragdulis. Sporæ elongato-ellipticæ medio interdum leviter constrictæ 1-septatæ, longit.

0,010-16, crassit. 0,003-6 mm. Gelatina hymenea iodo cœrulescens. — Supra saxa arenaria mollia in summo Monte Leonis prope Kapstadt: MacOwan. — Endem.

1052. *L. cæsiocandida* Nyl. Coll. Gall. m. Pyr. p. 14. — Supra parietes calcarias prope Constantine: Flagey. — Europ.

1053. *L. verrucosa* (Mass. Mem. p. 122) Nyl. in Flora 1878 p. 343. — Supra terram arenariam prope El Kantara in Sahara: Norrlin. — Europ.

1054. *L. cæsiopallida* Nyl. En. p. 124. — In Promontorio Bonæ Spei: Zeyher. — Endem.

1055. *L. nigropallida* Nyl. l. c. — In Promontorio Bonæ Spei: Drège. — Endem.

1056. *L. cinereovirens* Schaer. Spic. p. 109. — Saxicola in Algeria, super terram arenosam prope El Kantara in Sahara: Norrlin. — Europ.

1057. *L. aromatica* (Sm. E. B. t. 1772) Ach. Syn. p. 19. — Supra cæmentum murorum et terram in Algeria et supra terram argillosam in territorio Somali: Hildebrandt. — Europ., Calif.

1058. *L. carbonacea* (Anzi Cat. p. 68) Cromb. Brit. p. 78. — Supra saxa calcaria prope Constantine: Flagey. — Anglia, Longob.

1059. *L. epipasta* Strt. in Cromb. Chall. p. 213. — Parasita super thallum *Lecanoræ flavorubentis* in Promontorio viridi. — Endem.

1060. *L. homala* Krmplh. in Flora 1876 p. 319. Syn. *L. subimmersa* Fée, *Lecanora* Wainio Bras. I p. 98. — Supra saxa prope Pungo Andongo in Angola: Soyaux et ad Tschamtei in Africa orientali: Hildebrandt. — Brasil.

1061. *L. citima* Nyl. Ins. Guin. p. 23. — Super saxa et cortices in insula Principis 125 m: Quintas. — Endem.

(Lecidea)

1062. L. parasema Ach. L. U. p. 175 p. max. p., Nyl. in Flora 1881 p. 187. — Corticicola in Algeria. — Europ., As. arct., Amer. sept., Nov.-Granat., Terra Fueg. — Var. **glomerulosa** (DC. l. c. p. 347) Nyl. l. c. — Supra corticem *Cedri* prope Batna in Sahara: Norrlin. — Europ. — Var. **elæochroma** Ach. l. c. — Supra corticem *Suberis* prope Bône in Sahara: Norrlin, etiam corticicola prope Kapstadt: MacOwan, in Monte Tabulari: Eaton et in insula Madera: Mandon (Mad. 4). — Europ., Amer. austr. et antarct. — F. **Hartungiana** (Hepp Hb.) Nyl. in lit. Thallus K+ flavens, K (CaCl)+ aurantiacus. Paraphyses non discretæ, hymenium superne fuscum, hypothecium incolor. Sporæ octonæ 0,011-15 mm longæ, 0,005-6 mm. crassæ. Gelatina hymenea iodo persistenter cœrulea a var. *elæochroma* differt. — Saxicola in insula Porto Santo prope Madera: Hartung. — Endem. — Var. **exigua** (Chaub. Fl. Agen. p. 478) Nyl. Prodr. p. 124. — Corticicola prope Keren in Abyssinia: Beccari, prope Tschamtei in territorio Sansibar: Hildebrandt et prope Lydenburg in Transvaalia: Wilms. — Europ., Japon., Amer. sept. et antarct.

1063. L. latypiza Nyl. in Flora 1873 p. 201. — Supra saxa arenaria in Dschebel Wasch Algeriæ: Flagey. — Europ., Nov.-Zel.

1064. L. placodina Nyl. Ang. p. 9. — Supra lapides quartzosos prope Mossamedes in Angola: Welwitsch. — Endem.

1065. L. euphorea (Flk. D. L. 4) Nyl. in Flora 1881 p. 187 var. **leucoplacoides** Nyl. (Scand. p. 217) in Flora l. c. — Corticicola in Dschebel Wasch prope Constantine 800 m: Flagey. — Europ.

1066. L. enteroleuca Ach. L. U. p. 177, Nyl. l. c. — Super ligna et cortices in Abyssinia, Algeria, Sahara, in Promontorio Bonæ Spei: Wilms et in insula Madera. Saxicola

supra saxa arenaria in Monte Leonis prope Kapstadt: Mac Owan. — Europ., China, Japon., Fret. Bering., Amer. sept., Nov.-Granat. — Var. **geographica** Bagl. Lig. p. 69. — Corticicola in Monte Tabulari: Wilms, prope Lydenburg: Wilms. — Europ.

1067. L. lutosa Schaer. En. p. 116. — Supra saxa calcaria prope Batna Algeriæ: Balansa et Constantine: Flagey. — Europ.

1068. L. nigrella (Mass. Cap. p. 71). Thallus CaCl₂+ pallide erythrinicus; lamina in hypothecio incolore, epithecio olivaceo, paraphysibus clavatis subcoalitis. Sporæ ellipsoideæ, longit. 0,008-13, crassit. 0,005-7 mm. Gelatina hymenea iodo intense cœrulescens. — Saxicola in Monte Tabulari: Wawra. — Endem.

1069. L. granulosula Nyl. in Cromb. Cap. p. 177. — Saxicola in Monte Tabulari: Eaton et in Monte Leonis: Mac Owan. — Endem.

1070. L. sulfurosula. Thallus pallide sulfureus pulvinatus granulato-squamulosus. Apothecia aterrima plana, margine concolore tenuissimo mox evanido, intus cinerascentia, diam. ad 0,4 mm. Lamina in hypothecio incolore inferne pallide fusco, epithecio nigrocœrulescente, paraphysibus discretis superne capitellatis, thecis amplis octosporis. Sporæ late ellipsoideæ incolores simplices longit. 0,011-14, crassit. 0,006-8 mm. Gelatina hymenea iodo cœrulescens. Reagentia solita in thallum non agunt. Præaffinis est *L. granulosulæ*, at sporis majoribus differt. — Supra saxa granitica in Monte Leonis prope Kapstadt socia *Lecanoræ lugentis*: MacOwan. — Endem.

1071. L. pallidonigra (Thunb. Cap. p. 176) Ach. Meth. p. 43. — Supra terram glareosam ad Promontorium Bonæ Spei. — Endem.

(Lecidea)

1072. *L. vorticosa* (Flk. in Berl. Mag. 1808 p. 311) Körb. S. L. G. p. 251. — Supra saxa arenacea prope Muizenberg ad Promontorium Bonæ Spei: MacOwan. — Europ., Amer. arct.

1073. *L. inscripta*. Thallus albus vel cinereo- vel cæsius-albus linea nigra determinatus rimoso-areolatus, areolis anguloso-rotundatis convexis lævibus, K+ luteus dein ferrugineus, J=. Apothecia nigra primum immersa opegraphoidea, linearia vel varie anguloso-rimiformia, demum emersa rotunda concava, margine proprio concolore elevato a thallo accessorie coronato, intus obscura, diam. 0,1-5 mm. Lamina in hypothecio incolore, epithecio crasso olivaceofusco, paraphysibus filiformibus coalitis. Sporæ octonæ subglobosæ vel ellipticæ vel oblongæ simplices incolores longit. 0,007-12, crassit. 0,006-7 mm. Gelatina hymenea iodo cœrulescens. Spermogonia in areolis solitaria vel bina punctiformia nigra. Spermatia bacillaria arcuata longit. 0,017-18 mm, crassit. 0,0005 mm. Propter spermatia stirpi *L. parasemæ* adscribenda. — Saxicola prope Lydenburg in Transvaalia: Wilms. — Endem.

1074. *L. fucina*. Thallus sordide cervinofuscus effusus areolatus vel granulato-areolatus passim albosorediosus. Apothecia biatorina atosanguinea concava vel plana margine mox attenuato, diam. 0,6-9 mm. Lamina in hypothecio incolore, epithecio roseo, paraphysibus coalitis, thecis late saccatis. (Sporæ octonæ incolores ellipticæ simplices longit. 0,008, crassit. 0,005 mm??) Gelatina hymenea iodo cœrulescens. (Spermatia bacillaria curvula??). Thallus K+ luteus dein cinnabarinus. Lichen nonnihil incertus; *L. leucophææ* affinis videtur. — Saxicola in montibus Warne Bokkeveld prope pagum Ceres Africæ australis: MacOwan. — Endem.

1075. *L. geïna*. Thallus pallide fuscescens granulosus tenuis effusus. Apothecia nigra concava, margine tenui ele-

vato, disco cæsiopruinoso, tandem plana vel convexa nuda margine evanescente, intus nigra, diam. 0,3-8 mm. Lamina in hypothecio nigrofusco, epithecio nigrofusco, paraphysibus non bene discretis, rigidis, rectis. Sporæ octonæ incolores ellipticæ vel oblongæ simplices longit. 0,007-12, crassit. 0,003 mm. Gelatina hymenea iodo cœrulescens dein fulvescenti-obscurata. Inter species stirpis *L. arcticae* minutie sporarum sat distincta. — Supra terram in Monte Leonis prope Kapstadt: MacOwan. — Endem.

1076. *L. lactens*. Thallus albus effusus e granulis minoribus discretis vel areolis glebulosis compositus. Apothecia in areolis solitaria nigra diam. 0,2-7 mm mox convexa, margine vix perspicuo vel deficiente, intus nigra. Lamina cœrulescens in hypothecio incolore, epithecio smaragdino, paraphysibus crassis coalitis. Sporæ octonæ ellipsoideæ simplices incolores longit. ad 0,007 mm, crassit. 0,004 mm. Gelatina hymenea iodo cœrulea. Reagentia solita in thallum non agunt. Prope *L. atroniveam* Arn. Tir. V. p. 539 collocanda. — Supra rupes arenarias in Monte Leonis prope Kapstadt: MacOwan. — Endem.

1077. *L. buxea*. Thallus citrinus minute areolatus, areolis planis K+ (leviter ferruginascentibus). Apothecia nigra minuta sessilia concava, margine crasso elevato concolore a thallo vestito, diam. ad 0,3 mm. Hypothecium incolor, paraphyses filiformes non discretæ. Sporæ octonæ incolores ovaes simplices longit. 0,012-15, crassit. 0,006-7 mm. Gelatina hymenea iodo cœrulescens. Prope *L. sublutescentem* Nyl. in Flora 1875 p. 300 et *obstantem* Nyl. ib. 1876 p. 236 collocanda. — Super saxa ad Duivels Knokler prope Lydenburg in Transvaalia: Wilms. — Endem.

1078. *L. contigua* Fr. L. E. p. 298 p. m. p., Nyl. Scand. p. 224. — Saxicola in Algeria. — Europ., Asia, Nov.-Zel.,

(Lecideia)

Fret. Bering., Boliv., Brasil. — Var. **flavicunda** (Ach. L. U. p. 166) Nyl. l. c. — Saxicola in insula Madera: Mandon. — Europ., Asia arct., Brasil.

1079. L. subdispersa Nyl. (Alg. p. 329) En. p. 125. — Supra terram sabulosam prope Oran Algeriæ: Balansa. — Endem.

1080. L. albocœrulescens (Wulf. in Jacq. Coll. 2 t. 15 f. 1) Ach. l. c. p. 188 p. p., Nyl. (Scand. p. 224) Nov.-Zel. p. 105. — Saxicola in monte Leonis prope Kapstadt: MacOwan et in insula Madera: Mandon (Mad. 57). — Europ., Japon., Nov.-Zel., Amer. sept. — Var. **flavocœrulescens** (Hornem. Fl. Dan. t. 1431 f. 1) Schaer. En. p. 119. — Saxicola in Hottentott Hollands Bergen ad Promontorium Bonæ Spei: MacOwan. — Europ., Amer. sept.

1081. L. platycarpa Ach. l. c. p. 173. — Saxicola in insula Madera. — Europ., Nov.-Zel., Grœnl., Amer. sept., Nov.-Granat. — F. **steriza** (Ach. Meth. p. 40) Nyl. Scand. p. 224. — Supra saxa silicea prope Philippeville in Algeria: Flagey. — Europ., Grœnland.

1082. L. meiospora Nyl. (l. c. p. 225) in Flora 1873 p. 72. — Supra saxa schistosa in Monte Tabulari: Eaton. — Europ., Japon., Nov.-Zel., Fret. Bering.

1083. L. terrena Nyl. in Cromb. Cap. p. 177. — Supra terram particulas quartzosas continentem in Monte Tabulari: Eaton. — Endem.

1084. L. speirea (Ach. Prodr. p. 59) Nyl. in Flora 1870 p. 38. — Saxicola in insula Madera: Mandon (Mad. 58). — Europ., Asia arct., Amer. sept.

1085. L. paraspeirea. Thallus sordide albus effusus gleboso-areolatus, glebis difformibus contiguus, K+ flavens, J=. Apothecia areolis innata nigra nuda, interdum angulosa, margine proprio tenuissimo mox evanescente a thallo nonnihil accessorie coronato, diam. ad 0,5 mm. Hymenium

in hypothecio fusco sordidum, epithecio fusco, paraphysibus non discretis. Sporæ octonæ simplices incolores longit. 0_{010-13} , crassit. $0_{,006-7}$ mm. Gelatina hymenea iodo cœrulea. Reactione thalli sporisque minoribus ab affini *L. speirea* distat, consimilis *L. alboatra* sporis septatis fuscis et thallo K—differt. — Supra saxa arenaria ad pagum Muizenberg in Promontorio Bonæ Spei: MacOwan. — Endem.

1086. *L. solediza* Nyl. l. c. 1873 p. 72. — Saxicola in insula Linosa: Solla. — Europ.

1087. *L. lapicida* (Ach. l. c. p. 61) Fr. L. E. p. 306 var. **silacea** (Ach. Meth. p. 48) Fr. l. c. p. 307. — Supra rupes montium in Algeria. — Europ., Calif.

1088. *L. lithophila* Ach. (in Vet. Ak. Handl. 1808 p. 233) Syn. p. 14 f. **pallidocinerea** (Flk. in Hbb. Fw. et Zw.) Nyl. Scand. p. 227. — Saxicola in insula Madera: Mandon (Mad. 59). — Europ.

1089. *L. melopta* Nyl. in Cromb. Rodr. p. 441. — Saxicola in insula Rodriguesii: Balfour. — Endem.

1090. *L. lactea* Flk. in litt., Schaer. Spic. p. 127, 193. — Saxicola in Port Natal: Armstrong-Mackenzie. — Europ., Fret. Bering., Amer. sept., Boliv., Cap. Hoorn.

1091. *L. peltoloma* Müll. in Flora 1886 p. 287. Thallus K+ flavens, J= . Apothecia intus alba, epithecio olivaceo, hypothecio incolore, paraphysibus subdiscretis crassis, gelatina hymenea iodo cœrulea dein sordide obscurata. Sporæ longit. $0_{,010-15}$, crassit. $0_{,004-6}$ mm. — Supra saxa rubro-arenacea prope Lydenburg in Transvaalia: Wilms et in monte Boschberg: MacOwan. — Endem.

1092. *L. orbiculata*. Thallus albidocinereus passim cæsiomaculatus rimoso-areolatus, areolis parvis convexiusculis, nigrolimitatus, K+ luteovirens dein ferrugineosanguineus. Apothecia nigra approximata mutua pressione angu-

(Lecidea)

losa concava vel plana, margine elevato concolore, juniora pruinosa umbiliculo epruinoso nigro ornata, intus nigra, diam. 0,2-9 mm. Hymenium in hypothecio fusco, epithecio fusco, paraphysibus coalitis. Sporæ octonæ incolores ovaes vel elongato-ellipticæ simplices longit. 0,012-14, crassit. 0,005-7 mm. Gelatina hymenea iodo cœrulea. *L. Angolensi* Müll. et *lactariæ* Stzb. peraffinis. — Saxicola prope Lydenburg in Transvaalia: Wilms. — Endem.

1093. *L. Angolensis* Müll. Afr. p. 35. Thallus K+ flavens. — Supra lapides prope Pungo Andongo in Angola: Soyaux, supra saxa duriora prope Lydenburg et in monte Lubombo in Transvaalia: Wilms, in monte Boschberg ad Promontorium Bonæ Spei: MacOwan. — Montevideo.

1094. *L. lactaria*. Thallus albus effusus crassus rimoso-areolatus, areolis polygonis convexis, K+ viridiflavens. Apothecia in mediis areolis adnato-sessilia atra diam. 0,2-8 mm, margine tenuissimo concolore tandem evanescente, disco plano ætate convexulo. Lamina in hypothecio incolore, superne smaragdula, paraphysibus rectis rigidis coalitis. Sporæ octonæ late ellipticæ incolores simplices longit. 0,009-12, crassit. 0,005-7 mm. Gelatina hymenea iodo cœrulea dein vinose fulvescens. *L. Angolensi* Müll. proxima. — Supra rupes arenarias in Monte Leonis prope Kapstadt: MacOwan. — Endem.

1095. *L. stellans*. Thallus cinereofuscescens opacus linea nigra limitatus areolatus, areolis pusillis convexiusculis. Apothecia crebra nigra inter areolas subinnata parva concava vel plana, margine concolore demum evanescente, intus nigra, diam. 0,1-2 mm. Lamina in hypothecio incolore, epithecio fusconigro, paraphysibus discretis crassit. 0,002 mm. Sporæ octonæ ellipsoideæ vel reniformes incolores simplices longit. 0,010-14, crassit. 0,005-7 mm. Gelatina hymenea iodo cœrulescens dein vinose obscurata. Thallus K+ luteus. — Rup-

cola prope Lydenburg: Wilms. — Extus *L. stellulatæ* Tayl. similis prope *L. Angolensem* Müll. collocanda. — Saxicola prope Lydenburg in Transvaalia: Wilms. — Endem.

1096. *L. sarcogynoides* Krb. S. L. G. p. 252. — Supra saxa arenaria nummulithica montis Fdules inter Constantine et Dschidschelli in Algeria: Flagey. — Europ.

1097. *L. leptobola* Nyl. Ang. p. 10. — Super lapides arenaceos in Serra de Sopolo prope Huilla: Welwitsch. — Endem.

1098. *L. mixta* Bagl. Abyss. p. 251. Epi- et hypothecium fusca, paraphyses discretæ crassæ. Sporæ longit. 0,010-12, crassit. 0,002 mm. Gelatina hymenea iodo cœrulescens. — Graniticola in monte Deban prope Keren in Abyssinia septentrionali: Beccari. — Endem.

1099. *L. strepsodea* Nyl. Pyr. or. p. 24 f. **squamata** (Flag. in Arn. exs. 1444). Thallus pallide ochraceus crassus gleboso-areolatus, glebulis irregularibus intus albis, K= . Apothecia crebra conferta nigra concava vel plana, margine persistente tenui elevato concolore, passim mutua pressione angulosa intus nigra diam. ad 1 mm. Hymenium in hypothecio nigrofusco, superne cœrulescens, epithecio nigrofusco, paraphysibus non discretis. Sporæ octonæ elongato-ellipticæ incolores simplices longit. 0,010-13, crassit. 0,004-5 mm. Gelatina hymenea iodo cœrulescens. Spermatia minutissima longit. 0,002, crassit. 0,0005 mm. Sporis majoribus a forma typica differt. — Supra saxa arenacea nummulithica prope Constantine: Flagey. — Endem.

1100. *L. ochroidea*. Thallus maculas formans rotundatas ochraceas areolatas, areolis glabratis polygonis concavis vel planis raro tumidulis, margine crenulatis, majoribus passim viridescenti-pruinosis. Apothecia in areolis sessilia nigra nuda plana ætate convexa, margine tenui concolore, rotundata vel polygonata interdum a thallo coronata,

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diam. 0,3-9 mm. Hymenium in hypothecio nigro superne nonnihil cœrulescens, epithecio nigrofusco, paraphysibus rigidis coalitis. Sporæ octonæ oblongo-ellipsoideæ raro curvulæ longit. 0,007-11, crassit. 0,003 mm. Gelatina hymenea iodo cœrulescens. Reagentia solita in thallum non agunt. — Supra saxa arenaria summi Montis Leonis prope Kapstadt: MacOwan. — Endem.

1101. L. squamifera. Thallus isabellinus gleboso-areolatus, areolis minoribus planis, majoribus turgidis glaucoviridibus, aqua affusa viridescens. Apothecia extus intusque nigra plana, margine tenui elevato concolore, tandem convexa irregulariter tuberculosa, disco obscure cinereo-pruinoso, diam. 0,5-1,5 mm. Hymenium in hypothecio fusconigro, epithecio nigro, paraphysibus crassioribus subcoalitis, thecis lanceolatis. Sporæ octonæ uniseriatim dispositæ ellipticæ simplices longit. 0,011-16, crassit. 0,006-10 mm. Gelatina hymenea iodo intense cœrulescens. — Supra saxa et argillam Montis Leonis prope Kapstadt: MacOwan. — Endem.

1102. L. quartzina. Thallus saturate ochraceus effusus squamuloso-areolatus, areolis opacis irregularibus concavis vel planis in hypothallo alboflavo. Apothecia extus intusque nigra, margine concolore ætate evanido, disco concavo plano vel tandem convexo. Hymenium ca. 0,040 mm. altum obscure violaceum epithecio et hypothecio nigris, paraphysibus crassis coalitis. Sporæ globosæ vel subglobosæ octonæ longit. 0,005-6, crassit. 0,004-6 mm. Gelatina hymenea iodo intense cœrulescens. Spermatia brevissima ellipsoidea. Reagentia solita in thallum non agunt. — Supra frustra quartzina saxorum graniticorum dilabentium in fastigio septentrionali Montis Leonis prope Kapstadt: MacOwan. — Endem.

1103. L. atrobrunnea (Ram. in DC. Fl. Fr. II p. 367)

Schaer. Spic. p. 134. — Saxicola in Teneriffa (sterilis et dubia). — Europ., Amer. sept., Chile.

1104. L. valida. Thallus cinereus rimoso-areolatus, areolis obscuris pulverulentis. Apothecia areolis innata vel arcte adnata mediocria diam. 0,5-1 mm extus intusque nigra plana vel convexa nonnihil angulosa. Hymenium in hypothecio incolore, epithecio fusco crasso, paraphysibus crassioribus superne fuscoclavatis coalitis. Sporæ octonæ ellipticæ simplices incolores longit. 0,010-15, crassit. 0,006-8 mm. Gelatina hymenea imprimis plasma thecarum iodo cœrulescens. Spermatogonia punctiformia nigra spermatiis cylindricis rectis longit. 0,008-10, crassit. 0,0006 mm. Thallus K+ luteus, K(CaCl)+ aurantiacus. Prope *L. fumosam* collocanda.¹ — Saxicola prope Lydenburg in Transvaalia: Wilms. — Endem.

1105. L. grisella (Flk. in lit., Schaer. En. p. 110) Nyl. Lapp. p. 160. — Saxicola in insula Madera: Mandon. — Europ. — **F. meiosporiza** Nyl. in Flora 1876 p. 239. — Supra scorias vulcanias in insula Teneriffa. — Europ.

1106. L. maculosa. Thallus albus crassiusculus gleboso-areolatus, areolis contiguis convexis irregularibus. Apothecia crustam non superantia rotunda vel irregularia conferta, passim in linearum ordinem disposita diam. 0,4-1,4 extus intusque nigra plana, margine tenui discum æquante. Lamina in hypothecio nigro superne sordide olivaceofusca paraphysibus non bene discretis. Sporæ ovales longit. 0,014-18, crassit. 0,006-8 mm. Gelatina hymenea iodo intense cœrulea dein vinose rubescens. Thallus, nec K nec ClCa nec I mutatus, K(CaCl)+ pallide rubescit. *L. speireæ* necnon *grisellæ* subsimilis. — Supra saxa arenacea prope Constantine 540 m: Flagey (Arn. exs. 1443). — Endem.

¹ *L. fumosa* (Hffm.) Whlnb., pro insula Madera indicata, adhuc dubia est.

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1107. *L. fuscoatra* (L. Spec. p. 1607) Ach. Meth. p. 44. — Supra saxa prope Constantine in Algeria: Balansa (teste Nyl. in lit. 10. V. 86). — Europ., Amer. sept., Boliv.

1108. *L. fuscoatrata* Nyl. l. c. 1875 p. 301. — Supra saxa arenaria in summis Montibus Leonis et Tabulari prope Kapstadt: MacOwan. — Europ.

1109. *L. fuscotabulata*. Thallus glebuloso-areolatus, areolis fuscorubellis subplanis cæsio-marginatis. Apothecia nigra in areolis sessilia irregularia plana, margine concolore, intus nigra, epithecio luteofusco crasso, hypothecio incolore, paraphysibus coalitis. Sporæ oblongæ subfusiformes vel anguste soleæformes longit. 0,011-13, crassit. 0,003 mm. Gelatina hymeneæ iodo cœrulescens. Reagentia K et CaCl in thallum non agunt. — Supra saxa duriora prope Lydenburg in Transvaalia. — Endem. — *L. fuscoatrata* similis colore epithecii distat.

1110. *L. caudata* Nyl. in Bot. Not. 1853 p. 176. Syn. *Rhopalospora cafra* Mass. Cap. p. 73. — Supra saxa arenaria ad Promontorium Bonæ Spei: Wawra. — Europ., Fret. Bering., White Mountains.

1111. *L. obumbrata* Nyl. in Cromb. Cap. p. 177. — Saxicola in Monte Tabulari: Eaton, Jelinek. — Endem.

1112. *L. badiopallens* Nyl. in Flora 1878 p. 242. — Saxicola in Dschebel Wasch prope Constantine Algeriæ: Flagey. — Gallia.

1113. *L. atroalba* (L. Spec. p. 1607) Ach., Fr., Fw. in Zw. exs. 202, Nyl. Scand. p. 232. — Supra saxa arenacea prope Constantine in Algeria: Flagey. — Europ., Asia, Fret. Bering.

1114. *L. rudis*. Thallus plagas pollicares determinatas ambitu minute squamulosas vel (ex hypothallo) plumoso-radiantes formans asper nonnihil granulatus imo albosorediosus nitidulus nigricans. Apothecia extus intusque nigra concava demum plana, margine concolore crasso persistente,

diam. 0,2-4 mm. Hymenium in hypothecio fusco, epithecio fusco, paraphysibus subdiscretis. Sporæ octonæ 1-septatæ fuscæ longit. 0,022-26, crassit. 0,010-14 mm. Gelatina hymenea iodo intense cœrulea. Prope *L. atroalbicantem* Nyl. collocanda. — Supra saxa arenaria prope Muizenberg in Promontorio Bonæ Spei: MacOwan. — Endem.

1115. *L. geminata* Fw. in lit., Nyl. Prodr. p. 129. — Saxicola in montibus Abyssiniæ (Nyl. En.). — Europ., Asia arct., Fret. Bering., Ecuador.

1116. *L. Montagnei* Fw. in lit., Nyl. l. c. — Supra saxa arenaria in Monte Leonis prope Kapstadt: MacOwan. — Europ., Asia arct., Nov.-Zeland., Rocky Mountains.

1117. *L. lavata* Ach. Hb., Nyl. in Flora 1873 p. 23. — Saxicola in Algeria. — Europ., Japon.

1118. *L. ochrotropa* Nyl. l. c. 1875 p. 445. — In Madera: Mandon. — Finland.

1119. *L. patellaria*. Thallus ochraceus effusus granoso-areolatus, K=, CaCl=. Apothecia crebra nonnihil irregularia nigra a thallo subcoronata diam. 0,3-7 mm. Hymenium in hypothecio fusco, superne fuscum, paraphysibus non discretis. Sporæ octonæ oblongo-ellipticæ rarius brevi-ovoideæ parenchymaticæ incolores longit. 0,020-28, crassit. 0,010-15 mm. Gelatina hymenea iodo intense cœrulescens. A *L. umbilicata* affini colore et reactionibus thalli deficientibus differt. — Supra saxa varia in Monte Leonis prope Kapstadt: MacOwan. — Endem.

1120. *L. afra*. Syn. *Buellia africana* Müll. in Flora 1879 p. 292. — Supra saxa gneissica in collibus Gumango territorii Nyamnyam: Schweinfurth, prope Pungo Andongo in Angola: Soyaux, supra saxa quartzosa in insula Socotra: Balfour. — Endem.

(Lecideia)

1121. *L. leucina* (Müll. Diagn. Socot. p. 9). — Quartzicola in insula Socotra: Balfour, ad saxa prope Lydenburg in Transvaalia: Wilms. — Endem.

1122. *L. nanosperma*. Syn. *Buellia microsperma* Müll. in Flora 1886 p. 309. Thallus K+ rubescens. Gelatina hymenea iodo cœrulescens. Sporæ longit. 0,007-12, crassit. 0,004-6 mm. — Super lapides porphyricos prope Lydenburg in Transvaalia: Wilms (Lojka Lichenoth. 85). — Endem.

1123. *L. lutata*. Thallus pallide lutosus effusus areolatus in hypothallo nigro, K+ luteus, I+ cœruleus. Apothecia parvula diam. ad 0,5 mm nigra concava, margine tumido albosuffuso, intus nigra. Epi- et hypothecium nigro-fusca, paraphyses coalitæ. Sporæ octonæ ellipticæ 1-septatæ fuscae longit. 0,012-14, crassit. 0,006-7 mm. Gelatina hymenea iodo cœrulescens. — Saxicola in montibus Warne Bokkeveld prope pagum Ceres in Africa australi: MacOwan. — Endem.

1124. *L. Vulcani* Hepp in Hart. Geol. Lanzerot. Fuertav. p. 147. — Thallus cinereus effusus squamuloso-areolatus, squamulis convexis glebosis. Apothecia nigra primum concava margine crassiore concolore, tum plana margine attenuato, intus cinerea sub strato nigrofusco, diam. 0,4-8 mm. Hymenium in hypothecio incolore, epithecio nigrofusco, paraphysibus crassis discretis. Sporæ octonæ fuscae 1-septatæ longit. 0,016-22, crassit. 0,006-10 mm. Gelatina hymenea iodo intense cœrulescens. Spermatogonia punctiformia nigra in areolis thalli. Spermatia linearia longit. 0,004, crassit. 0,0005 mm in sterigmatibus simplicibus. Thallus K+ luteus, I=. — Supra scorias vulcanias in insula Canariensi Lanzerote: Hartung. — Endem.

1125. *L. spuria* Schaer. Spic. p. 127. Syn. *Buellia antarctica* v. *effusa* Mass. Cap. p. 68? — Saxicola in Monte Tabulari: Wawra, Eaton, MacOwan, in Monte Leonis prope Kapstadt: MacOwan, in monte Boschberg Africae australis:

MacOwan et in insula Rodriguesii: Balfour. — Europ., Grœnland., Argentin. — Var. **insularis** (Mass. l. c.). Thallus linea nigra limitatus, paraphyses discretæ, sporæ quam in typo majores longit. 0,012-19, crassit. 0,006-9 mm. *L. distratæ* Nyl. comparanda. — Socia *Pertusariæ Wawreanæ* saxicola in summo Monte Tabulari: Wawra. — Endem.

1126. L. continens Nyl. in Cromb. Rodr. p. 442. — Saxicola in insulis Rodriguesii: Balfour et Principis: Newton. — Endem.

1127. L. italica Garov. Delect. II p. 21. — Saxicola ad Promontorium Bonæ Spei: MacOwan. — Europ., Paraguay, Argent. — F. **Debanensis** (Bagl. Abyss. p. 250). — Saxicola in monte Deban Abyssiniæ: Beccari et prope Lydenburg in Transvaalia: Wilms. — Endem. — Var. **Recobariana** (Mass. Ric. p. 85). — Supra saxa arenaria in Marocco: Brun, in Monte Tabulari: Wawra et in Abyssinia septentrionali: Beccari. — Europ. — Var. **Caldesiana** (Bagl. Comm. critt. it. I p. 19). — Super saxa montis Deban in Abyssinia septentrionali: Beccari. — Europ.

1128. L. Toninioides (Bagl. Abyss. p. 250). — Supra saxa arenaria ad Samhar inter Gaba et Kesseret Abyssiniæ: Beccari. — Endem.

1129. L. innata (Müll. Diagn. Socot. p. 9). — Graniticola supra Wadi Kischen in insula Socotra 600 m: Schweinfurth. — Endem.

1130. L. recepta Krmplh. in Flora 1876 p. 318. — Lapidicola prope Pungo Andongo: Soyaux, supra saxa quartzosa in insula Socotra: Balfour. — Brasil.

1131. L. atroalbella Nyl. (in Bot. Not. 1853 p. 97) En. p. 124. — Saxicola in Monte Tabulari: Jelinek, MacOwan et in monte Spitzkop prope Lydenburg: Wilms. — Europ., Japon., Nov.-Granat.

(Lecidea)

1132. *L. æthalea* (Ach. L. U. p. 669) Nyl. in Lamy Cat. p. 133. — Supra saxa prope cataractam Terra de Sola in Angola: Welwitsch et in Promontorio Bonæ Spei: MacOwan. — Europ., Brasil.

1133. *L. æthaloëssa*. Thallus fumoso-cinereus effusus tenuissimus K⁺—, CaCl⁺—. Apothecia crebra minuta diam. 0,20-25 mm sessilia subirregularia nigra concava, margine connivente crassiusculo aterrimo nitido. Hymenium in hypothecio incolore, epithecio nigrofulco, paraphysibus non discretis. Sporæ 1-septatæ fuscae longit. 0,010-22, crassit. 0,006 mm. Gelatina hymenea iodo cœrulescens. A *L. æthalea* sporis minoribus et defectu reactionum differt. — Supra saxa quartzosa prope Muizenberg in Promontorio Bonæ Spei: MacOwan. — Socia *Lecanoræ ferrugineæ* saxicolæ. — Endem.

1134. *L. dispersa* (Mass. Symm. p. 52 et Sched. crit. p. 150) Nyl. in Flora 1872 p. 553 f. ***cinerascens*** (Bagl. l. c.) — Saxicola in monte Deban Abyssiniæ: Beccari. — Endem.

1135. *L. dispersula*. Thallus albus granuloso-areolatus nigrolimitatus K⁺ luteus. Apothecia sessilia extus intusque nigra, margine tumido, disco concavo nonnihil pruinoso, diam. ad 0,5 mm. Epi- et hypothecium fusca, paraphyses discretæ. Sporæ octonæ 1-septatæ fuscae longit. 0,018-20, crassit. 0,008-10 mm. Gelatina hymenea iodo cœrulescens. — Supra saxa arenaria prope Muizenberg in Promontorio Bonæ Spei: MacOwan. — Endem.

1136. *L. Acunhana* Nyl. in Cromb. Chall. 222 (errore sub *Lecanora*; cfr. Cromb. l. c. p. 230). — Saxicola in insula Tristan d'Acunha. — Endem.

1137. *L. anatalodia* (Mass. Cap. p. 67) Krmplh. in Flora 1876 p. 267. Thallus K⁺ luteus dein ferrugineus. Apothecia majora diam. ad 1,5 mm. Hymenium in hypothecio incolore granulis rotundis incoloribus inspersum, epithecio

fusco, paraphysibus non bene discretis. Sporæ late ellipticæ longit. 0,012-15, crassit. 0,007 mm. Gelatina hymenea iodo cœrulea. — Saxicola prope Mayumba ad ostium fluminis Banya: Pechuel-Loesche, in territorio Sansibar: Hildebrandt et in insula Ascensionis: Wawra. — Brasil.

1138. L. stellulata Tayl. in Mack. Fl. Hib. II p. 118. Sporæ anguste ellipsoideæ rarissime medio constrictæ longit. 0,010-12, crassit. 0,004-5 mm. Epi- et hypothecium fusca; paraphyses non discretæ. Thallus K+ flavens, I= — Supra saxa duriora in Promontorio Bonæ Spei: MacOwan. — Europ., Japon., Ins. St. Paul., Nov.-Zel., Nov-Caled., Amer. austr. — F. **albosparsa**. Hypothallus niger areolis albis irregularibus discretis inspersus. Hypothecium incolor, paraphyses non bene discretæ; sporæ longit. 0,009-13, crassit. 0,005-6 mm. Thallus K+ lutescens. — Prope Muizenberg ad Promontorium Bonæ Spei: MacOwan. — Endem. — F. **murina**. Thallus tenuis murinus quasi pulvere albicante inspersus. Apothecia sessilia concava margine elevato, paraphysibus discretis in hypothecio incolore. Sporæ longit. 0,011-13, crassit. 0,006-7 mm. Thallus K+ lutescens. — Saxicola prope Muizenberg: MacOwan. — Endem. — F. **hybrida**. Thallus idem ac in forma *albosparsa*, sed ejus reactio kalina indistincta. Sporæ minores longit. 0,008-11, crassit. 0,004-5 mm. — In Monte Tabulari supra saxa quartzoso-arenaria: MacOwan. — Endem.

1139. L. minutula (Hepp Fl. E. 313) Nyl. in Lamy Cat. p. 133. — Saxicola in Monte Tabulari: Eaton, prope Pungo Andongo in Angola: Soyaux, in insula Madera: Fritze. — Europ., Nov.-Zeland., Brasil.

1140. *L. perigrapta. Thallus pallide ochraceus tenuis subareolatus, areolis minutis planis in hypothallo fumido, thalli aream lineis nigris decussante ejusque ambitum radiatim circumcingente. Apothecia crebra extus intusque nigra

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concava rarius plana vel convexula, margine concolore crassiusculo nonnihil a thallo vestito, diam. 0,2-3 mm. Hymenium in hypothecio nigro superne cœrulescens, epithecio nigrofusco, paraphysibus coalitis. Sporæ octonæ 1-septatæ ellipticæ fuscae longit. 0,008-10, crassit. 0,005-6 mm. Gelatina hymenea iodo cœrulescens. Reagentia solita in thallum non agunt. — Super reliquias quartzinas saxorum graniticorum in Monte Leonis prope Kapstadt socia *Lecideæ quartzinæ*: MacOwan. — Endem.

1141. L. albinea (Müll. Diagn. Socot. p. 8). — Supra saxa quartzosa insulæ Socotra: Balfour et montis Lubombo in Transvaalia: Wilms. — Endem.

1142. L. cœruleata. Thallus albus rimoso-areolatus, areolis planis angulosis opacis, rimis nigris. Apothecia nigra mediocria diam. 0,5-7 mm plana vel convexa, margine evanescente, intus nigra. Lamina in hypothecio fusconigro, epithecio smaragdulo, paraphysibus coalitis. Sporæ ellipticæ interdum medio constrictæ fuscae 1-septatæ longit. 0,013-18, crassit. 0,006 mm. Gelatina hymenea iodo intense cœrulescens. Thallus K+ flavens, I+. — Supra saxa quartzosa in Promontorio Bonæ Spei: MacOwan. — Endem. — Stirpi *L. olivaceofuscae* Anzi adscribenda.

1143. L. permodica. Thallus areolatus, areolis cinereis discretis in hypothallo nigro K+ flaventibus. Apothecia nigra innata minuta diam. 0,20-25 mm concava, margine acuto cinerascens. Lamina in hypothecio incolore, epithecio smaragdulo, paraphysibus coalitis. Sporæ octonæ 1-septatæ fuscae longit. 0,009-10, crassit. 0,004-5 mm. — Supra saxa arenaria prope Muizenberg in Promontorio Bonæ Spei: MacOwan. — Endem.

1144. L. Transvaalica. Thallus sordide albus crassus rimulosus linea nigra hypothallina determinatas, K+ luteus

vel ferrugineus, I= . Apothecia nigra crebra sessilia, primum plana margine thallode accessorio munita, tandem convexa passim nitentia margine proprio attenuato vel evanido, intus concoloria diam. 0,5-6 mm. Hymenium in hypothecio fusco, epithecio smaragdino, paraphysibus coalitis. Sporæ octonæ ellipticæ 1-septatæ fuscæ longit. 0,010-13, crassit. 0,005-8 mm. Gelatina hymenea iodo cœrulescens. — Super saxa duriora prope Lydenburg in Transvaalia: Wilms. — Endem.

1145. L. ocellata Flk. MS., Nyl. in Flora 1873 p. 202. — Supra saxa in Promontorio Bonæ Spei: Wawra (*Buellia rinodinea* Mass. Cap.) — Europ., Brasil. — F. **purior** Nyl. Ang. p. 11. — Saxicola in Angola 1000 m: Welwitsch. — Endem.

1146. L. rusticorum. Thallus viridescenti-citrinus granulatus in hypothallo nigro. Apothecia minora diam. ad 0,5 mm nigra sessilia convexa, margine deficiente, intus cinerea. Lamina in hypothecio incolore, epithecio fusco, paraphysibus coalitis crassis fuscoclavatis. Sporæ ellipsoideæ fuscæ 1-septatæ longit. 0,014-20, crassit. 0,006-7 mm. Gelatina hymenea iodo intense cœrulescens. *L. ocellatæ* affinis, sed spermogonia non observata. — Super saxa prope Lydenburg in Transvaalia: Wilms. — Endem.

1147. L. albula Nyl. En. p. 126 et Aeg. p. 7. — Supra lignum petrefactum prope Bir Lebuk Aegypti: Ehrenberg, ad Saldanha Bay in Africa australi: Breutel. — Nov.-Zeland.

1148. L. subalbula Nyl. Ang. p. 11. — Supra moles calcis nummuliticæ ad basin Pyramidis Chephren: Larbales-tier, in desertis Wadi Dugla, Wadi Chereese, Wadi Na-umieh et Wadi Nahie, in Dschebel Gharebun et in summo Dschebel Cheschen in Wadi Gendel inter Cahiram et Sues: Schweinfurth, calcicola prope Mossamedes et in Cabo negro Benguellæ: Welwitsch. — Endem.

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1149. L. Stanleyi (Stein Afric. seors. impr. p. 8). — Supra lapides quartzosos prope Vivi ad flumen Kongo: Ledien. — Endem.

1150. L. immutans Nyl. in Cromb. Rodr. p. 442. — Saxicola in insula Rodriguesii: Balfour. — Endem.

1151. L. distrata Nyl. in Cromb. Cap. p. 179. — Saxicola in Monte Tabulari: Eaton. — Endem.

1152. L. incuriosa Nyl. l. c. p. 178. — Supra lapides, latera terram spectantia incolens, in Monte Tabulari: Eaton. — Endem.

1153. L. substigmatæa (Müll. Diagn. Socot. p. 9). — Supra saxa porphyrica in insula Socotra: Balfour. — Endem. — Var. **obfuscata** Müll. l. c. — Ibidem. — Endem.

1154. L. subtristis Nyl. l. c. p. 179. — Supra saxa quartzosa in Monte Tabulari: Eaton. — Endem.

1155. L. alboatra (Hffm. En. p. 30) Fr. L. E. p. 336. — In Africa boreali. — Europ., Fret. Bering., Amer. sept. — Var. **epipolia** (Ach. Prodr. p. 58) Nyl. Scand. p. 235. — Supra saxa calcaria prope Constantine in Algeria: Flagey, supra lapides oolithicos pluribus locis in Aegypto. — Europ. — Var. **athroa** (Ach. Meth. p. 36) Nyl. l. c. — Corticicola prope Constantine: Flagey, saxicola ad Pyramidem Sakkarrah: Delile, in deserto Galala Aegypti: Schweinfurth. — Europ. — Var. **intermedia** Müll. Egypt. p. 18. — Calcicola variis locis in Aegypto: Schweinfurth. — Endem. — Var. **areolata** Müll. l. c. — Supra saxa gneissiaca in summo Dschebel Cheschen in Wadi Gendel Aegypti: Schweinfurth. — Endem.

1156. *L. porphyrica (Arn. Tir. VIII. p. 300) Nyl. in Hue Add. Nr. 1392. — Supra lapides siliceos prope Constantine: Flagey. — Gallia, Tyrol.

1157. L. canescens (Dicks Crypt. 1 p. 10) Ach. Meth. p. 84. — Corticicola in Algeria, calcicola in vertice Pyra-

midis Gyzeh secundæ: Delile, ad saxa et lapides prope Gasser: Ehrenberg, ad Marabut Kaiyeh: Barbey, supra saxa arenacea in monte Dze prope Fajum: Schweinfurth; saxicola in Promontorio viridi. — Europ., Ind. orient.

1158. *L. triphragmia* Nyl. Prodr. p. 141 nota. — Corticicola in Port Natal: Armstrong-Mackenzie et in insula Rodriguesii: Balfour. — Europ., Asia, Polynes., Amer. utraque, Grœnl., Spitsberg.

1159. *L. delævata* Nyl. Ins. Guin. p. 23. — Saxicola in insula Principis: Quintas. — Endem.

1160. *L. disciformis* Fr. in Moug.-Nestl. St. Vog. 745. — Corticicola in Algeria, prope Lydenburg et in monte Schiffberg in Transvaalia: Wilms (Lojka Lichenoth. 84), in Natalia, in Africa tropico-orientali et in insulis Rodriguesii, Borbonia et Socotra: Schweinfurth. — Europ., Asia, Austral., Polynes., Amer. utraque. — ***F. microcarpa*** (Ach. L. U. p. 176) Schaer. En. p. 129. — Supra cortices prope Keren in Abyssinia: Beccari. — Europ., Zeylan., Japon., Nov.-Caled., Fret. Magell. — ***F. rugulosa*** (Ach. l. c. p. p., Krb. S. L. G. p. 228). — Supra cortices sepimentorum circa Seriba Ghattas: Schweinfurth, in insula Socotra: Balfour. — Europ. — Var. ***oblongata*** Müll. Diagn. Socot. p. 8. — Supra ramulos decorticatos in insula Socotra: Schweinfurth. — Endem. — Var. ***subæruginascens*** Müll. l. c. — Ramulicola ad Tschamtei in territorio Sansibar: Hildebrandt et in insula Socotra: Schweinfurth. — Brasil., Paraguay. — Var. ***contorta*** Müll. l. c. — In insula Socotra: Schweinfurth. — Endem. — Var. ***sanguinea*** Müll. in Flora 1888 p. 207. — Corticicola prope Lydenburg in Transvaalia: Wilms. — Endem.

1161. **L. cinereocincta* (Müll. in Flora 1890 p. 344). — Corticicola in Africa tropico-orientali: Hannington. — Endem.

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1162. *L. viridicata. Thallus granosus linea nigra limitatus flavescentiviridis. Apothecia nigra plana margine concolore, tandem convexa immarginata diam. 0,7-1 mm. Hymenium in hypothecio fusco, epithecio fusco, paraphysibus gracilibus discretis superne articulatis ramosulis fusco-clavatis. Sporæ octonæ 1-septatæ fuscae longit. 0,026-33, crassit. 0,010-12 mm. Gelatina hymenea iodo cœrulescens. — Supra saxa arenaria ad pagum Muizenberg in Promontorio Bonæ Spei: MacOwan. — Endem.

1163. L. subdisciformis Leight. Great Brit. Ed. III p. 322, Nyl. in Brenn. Hegl. p. 115 et in Flora 1886 p. 325. — Corticicola prope Lydenburg in republica Transvaal: Wilms, saxicola in insula Principis: Newton. — Anglia, Gallia occid., Corsica, Lusit., Nov.-Holl., Brasil.

1164. L. Quintana Henriq. apud Nyl. Ins. Guin. p. 24. — Saxicola in insula Principis: Quintas. — Endem.

1165. L. pachnodes. Thallus murinus tenuis granulato-squamulosus linea nigra limitatus. Reagentia solita non agunt. Apothecia nigra cæsiopruinosa plana vel convexa (juniora concava), margine persistente, intus cinerea diam. ad 0,9 mm. Lamina in hypothecio superne incolore, inferne fusco, paraphysibus gracilibus discretis superne fuscoclavatis. Sporæ octonæ 1-septatæ fuscae longit. 0,017-20, crassit. 0,010-12 mm. Gelatina hymenea iodo intense cœrulea. — Supra saxa arenaria prope Muizenberg in Promontorio Bonæ Spei: MacOwan. — Endem.

1166. L. callaina. Thallus pallide cinereoviridis vel cinereocæsius crassior granulatus vel rarius granuloso-areolatus subnitens, in ambitu nonnihil radiosus, linea fusco-nigra limitatus, K+ flavovirescens, K(CaCl)+ aurantiacus. Apothecia extus intusque nigra, diam. 0,5-1 mm primum concava margine tumido connivente, tandem attenuato vel evanes-

cente et disco plano vel convexo leviter pruinoso. Hymenium in hypothecio fusco, epithecio fusco, paraphysibus discretis. Sporæ octonæ 1-septatæ, fuscae longit. 0,016-18, crassit. 0,007-9 mm. Gelatina hymenea iodo cœrulescens. E stirpe *L. disciformis*, *L. subpruinosa* Nyl. Syn. Nov.-Caled. p. 52 nota maxime affinis. At in *L. subpruinosa* thallus K+ roseus. — Supra saxa arenaria in Monte Leonis prope Kapstadt: Mac Owan. — Chile.

1167. *L. Carolinæ* (Mass. Cap. p. 66). Thallus tenuis effusus leproso-granulosus tenuiter rimulosus cinereus. Apothecia mediocria, margine scabro crasso persistente, disco cæsio-pruinoso. Hymenium superne fuscum in hypothecio fusco paraphysibus discretis. Sporæ fuscae ellipticæ 1-septatæ longit. 0,013-18, crassit. 0,007-9 mm. Gelatina hymenea iodo intense cœrulescens. K et CaCl in thallum non agunt. — Supra saxa vulcania in insula Ascensionis: Wawra. — Endem.

1168. *L. discors*. Thallus albocinerascens tenuis granulato-pulverulentus linea nigra limitatus, K+ flavens. Apothecia majora diam. 0,5-8 mm nigra plana, margine concolore tenui sæpe nonnihil a thallo coronato, tandem convexa immarginata intus cinerascens. Hymenium in hypothecio fusco, epithecio fusco, paraphysibus filiformibus discretis. Sporæ octonæ elongato-ellipticæ rectæ vel curvulæ 1-septatæ fuscae longit. 0,033-52, crassit. 0,014-16 mm. Gelatina hymenea iodo cœrulea. — Corticicola supra ramulos *Rhamni* prope Uitenhage in Africa australi: Breutel. — Endem.

1169. *L. melanthina*. Thallus tenuis cinerascens granoso-areolatus, granulis crassit. 0,2-3 mm, nigrolimitatus K+ citrinus. Apothecia primum areolis innata, adulta sessilia nigra marginata plana rarius convexiuscula intus nigra diam. ad 1 mm. Hymenium in hypothecio nigro paraphysibus filiformibus discretis. Sporæ quaternæ fuscae 1- vel obscure

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3-septatae, septis poro conjunctis, longit. 0,030-50, crassit. 0,011-17 mm. Gelatina hymenea iodo cœrulescens, plasma thecarum vinose rubescens. — Supra ramulos fruticum unacum *Physcia aipolia* ad Promontorium Bonæ Spei: Drège. — Endem.

1170. L. ambusta. Thallus pallide flavovirescens effusus tenuis granulato-pulvereus K+ luteus, K(CaCl)+ aurantiacus. Apothecia majora extus intusque nigra adnata primum concava dein plana vel convexa vel cephalodina, margine concolore mox evanescente, passim margine spurio thallino vestita, diam. ad 1,5 mm. Epi- et hypothecium nigra, paraphyses subdiscretæ. Sporæ octonæ ellipticæ 1-septatae fuscae longit. 0,016-20, crassit. 0,007-8 mm. Gelatina hymenea iodo cœrulescens. Spermatogonia nigra punctiformia, spermatia bacillaria brevissima in sterigmatibus simplicibus. E stirpe *L. disciformis* at reactione thalli singulari. — Super corticem arboris e Malvacearum familia prope Durban: Wilms. — Endem.

1171. L. prælata. Thallus cæsiocinereus effusus granulatus vel gleboso-areolatus K+ luteus. Apothecia nigra majora diam. 0,8-1,5 mm plana vel leviter convexa, margine concolore tenuissimo, intus nigra. Lamina in hypothecio fusco, epithecio olivaceo, paraphysibus discretis. Sporæ octonæ ellipticæ fuscae 1-, rarius 3-septatae (septis crassioribus poro pertusis, poris loculos jungentibus intra septa dilatatis, loculis extremis minoribus), longit. 0,028-40, crassit. 0,014-17 mm. Gelatina hymenea iodo cœrulea dein vinose fulvescens. Tubuli sporarum loculos singulos qui jungunt, ejusdem sunt structuræ ac pori illi halo cincti, qui in ligno pineo apparent. — Supra corticem arboris e Malvacearum familia prope Durban in Natalia et in monte Schiffberg in Transvaalia: Wilms. — Endem.

1172. L. procellarum (Mass. Cap. p. 64). Thallus al-

bidocinereus granuloso-areolatus, K+ flavens tandem auran-
tiacus. Apothecia nigra adnata plana dein convexa, margine
proprio tenui, diam. ad 0,8 mm. Lamina in hypothecio fusco,
paraphysibus gracilibus discretis superne fuscoclavatis articu-
latis et ramosulis. Sporæ octonæ longit. 0,020-32, crassit.
0,008-15 mm. Gelatina hymenea iodo cœrulescens. — Supra
saxa duriora varia in montibus Capensibus Teufelsberg:
Wawra, Boschberg et Löwenberg et prope pagum Muizen-
berg: MacOwan. — Endem.

1173. L. Schinziana (Müll. in Flora 1888 p. 46). —
Supra saxa quartzosa in summo monte Nautilusspitze terri-
torii Angra Pequena: Hans Schinz. — Endem.

1174. L. Dubyana Hepp Fl. E. 322. — Supra saxa cal-
caria prope Constantine 350 m: Flagey. — Europ.

1175. *L. Dubianoides Hepp Fl. E. 323. — Supra saxa
calcaria prope Constantine: Flagey. — Europ.

1176. L. contingens Nyl. in Cromb. Cap. p. 178. —
Saxicola in Monte Tabulari: Eaton. — Endem.

1177. L. saxatilis (Schaer. Spic. p. 225) Naeg. in
Hepp Fl. E. 145. — Supra thallum isidiosum ad saxa are-
naria prope Constantine 900 m: Flagey. — Europ., Amer. sept.

1178. L. nesiotis. Thallus insularis in lacunis thal-
lorum Lichenum alienorum verrucosus e squamulis crenatis
planiusculis viridicantibus vel olivaceis contextus. Apothecia
conferta nigra minora diam. ad 0,5 mm plana, margine con-
colore tandem evanescente, intus nigra. Lamina hypothecio
et epithecio fuscis, paraphysibus coalitis. Sporæ ellipticæ fuscae
1-septatae longit. 0,012-18, crassit. 0,008-10 mm. Gelatina hy-
menea iodo intense cœrulescens. Prope *L. badiam* et *sub-*
badiam Anzi Anal. locum habet. — Supra saxa granitica in
summo Monte Leonis: MacOwan. — Endem.

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1179. *L. myriocarpa* (DC. Fl. Fr. 2 p. 346) Nyl. L. P. 61. — Ramulicola in Promontorio viridi, prope Monroviā in Guinea: Naumann, in collibus supra Maritzburg in Natalia: Rehmann, prope Lydenburg et Komati in Transvaalia: Wilms; graniticola in Monte Leonis prope Kapstadt: MacOwan. — Europ., Asia, Nov.-Zel., Amer. utraque, Fret. Bering., Spitsb. — *F. marcidula* Nyl. in Cromb. Cap. p. 179. — Saxicola in Monte Tabulari: Eaton. — Endem.

1180. *L. nigritula* Nyl. in Bot. Not. 1853 p. 99. — Corticicola in insula Sancti Thomæ 1200 m: Moller. — Europ., Amer. sept., Spitsb.

1181. *L. cerebellina*. Thallus nullus visibilis. Apothecia crebra conferta nigra immarginata convexa superficie aspera moriformiter vel gyrose sulcata intus nigra diam. 0,3-6 mm. Hymenium in hypothecio fusco sordide lutescens, epithecio fusco, paraphysibus coalitis superne infuscatis. Sporæ octonæ fuscae 1-septatae medio nonnihil constrictae longit. 0,010-14, crassit. 0,003-6 mm. Gelatina hymenea iodo intense cœrulescens. *L. cerebrinae* f. *sterizæ* Anzi affinis at mox sporis minoribus discernenda. — Supra saxa arenaria in monte Deban 1350—1650 m prope Keren in Abyssinia septentrionali: Beccari. — Endem.¹

1182. *L. epigæa* (Pers. in Ust. N. Ann. Bot. I p. 155) Schaer. Spic. p. 118. — Supra terram sabulosam apricam prope Oran in Algeria: Balansa, prope El Kantara in Sahara: Norrlin et in insula Linosa: Solla. — Europ., Amer. sept.

1183. *L. halonia* Ach. Meth. p. 47, Nyl. Nov.-Granat. Ed. II p. 70, Syn. *Bæomyces capensis* Tayl. in Hook. Journ.

¹ *L. pachyospora* (Mass. Cap. p. 65) Stzb. in Flora 1890 p. 187 ex insula Ascensionis (Wawra) a Massalongo *Buelliis* adscribitur. Mihi sporas videre non contigit.

Bot. 1847 p. 186, *Buellia catalipa* Mass. Cap. p. 69. Thallus K+ intense luteus, addito CaCl+ aurantiacus. Paraphyses subdiscretæ, epi- et hypothecium fusca. Gelatina hymenea iodo intense cœrulea. Sporæ *B. catalipæ* nonnihil majores, longit. 0,018-25, crassit. 0,009-10 mm. — Saxicola ad litora Africæ australis: Osbeck, in Monte Tabulari: Wawra, Eaton, MacOwan, in Monte Leonis: MacOwan. — Brest, Calif.

1184. L. Africana Tuck. Obs. Lich. 1860 p. 406. Thallus K+ luteus dein aurantiacus tandem ferrugineorubens. Apothecia intus nigra, hymenium in hypothecio fusco, epithecio nigrofusco, paraphysibus discretis. Sporæ ellipticæ 1-septatæ fuscæ longit. 0,010-20, crassit. 0,006-10 mm. Gelatina hymenea iodo intense cœrulescens (ad specimina ex Hb. Tuck. benevole missa). — Saxis laxè affixa ad Saldanha Bay: Zeyher, supra rupes arenaceas fragiles in collibus prope Simonstown ad Promontorium Bonæ Spei: Wright necnon in Monte Tabulari: MacOwan. — Endem.

1185. L. geographica (L. Spec. p. 1607) Schaer. Spic. p. 124. — Saxicola in Algeria, in summo Monte Tabulari: Eaton et in monte Boschberg: MacOwan, prope Lydenburg in Transvaalia: Wilms, in insulis Teneriffa et Borbonia. — Europ., Asia, Nov.-Holl., ins. Kerguelen, Amer. sept., Fret. Bering., Boliv. — Var. **atrovirens** (L. l. c.) Schaer. l. c. — Saxicola in insula Madera. — Europ., Boliv. — Var. **intermedia**. Sporæ minores, iis *L. alboatræ* simillimæ 3-septatæ uno alterove septo longitudinali, longit. 0,016-20, crassit. 0,010-12 mm. — Super saxa granitica dilabentia prope Muizenberg et in Monte Leonis ad Promontorium Bonæ Spei: MacOwan. — Endem.

1186. L. sanguinaria (L. l. c.) Ach. Meth. p. 39, Nyl. Scand. p. 246. — Truncicola in insula Madera: Castello da Paiva. — Europ., Amer. sept., Fret. Bering. — Var. **affinis** (Schaer.

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En. p. 132) Nyl. l. c. — Supra corticem *Ericæ arboreæ* ad Torinhas in insula Madera: Fritze. — Europ., Asia arct., Amer. sept., Fret. Bering.

1187. *L. grossa* Pers. in Hb. Moug., Nyl. Prodr. p. 139. — Supra corticem *Oreodaphnes* in insula Madera: Fritze. — Europ., Nov.-Zel., Amer.

1188. *L. plurilocularis* Nyl. (Exp. Nov.-Caled. p. 49) Syn. Nov.-Caled. p. 54. — Corticicola in Africa tropico-orientali: Hannington. — Asia orient., Nov.-Caled.

1189. *L. sigmoidea* (Müll. Diagn. Soc. p. 7). — Super saxa granitica in insula Socotra: Balfour. — Endem.

1190. *L. bistorta* (Müll. in Flora 1885 p. 509). — Ramulicola in terra Somali: Hildebrandt. — Endem.

1191. *L. obfuscata* (Müll. Diagn. Soc. p. 7). — Graniticola in insula Socotra: Balfour. — Endem.

1192. *L. lenticularis* Ach. Syn. p. 28. — In Africa boreali ex Nyl. En. p. 125. Supra saxa prope Constantine: Flagey. — Europ., Nov-Zel. — Var. ***nigroclavata*** Nyl. (Bot. Not. 1853 p. 160) Scand. p. 242. — Corticicola in Algeria, supra corticem *Pini* in Monte Tabulari: MacOwan. — Europ.¹

1193. *L. chalybeia* Borr. E. B. t. 2687, Schaer. En. p. 117, Nyl. Prodr. p. 136. — Supra corticem *Oleæ* prope Oran Algeriæ: Balansa, supra saxa gneissiaca prope Philippeville in Algeria: Flagey, saxicola in Monte Tabulari: Eaton et in Monte Leonis prope Kapstadt: MacOwan. — Europ., Japon.

1194. *L. Philippea* Mnt. Syll. p. 342, Syn. *L. lutosa* Schaer. En. p. 116 p. p. et Exs. 579 p. p. Apothecia intus

¹ *L. lenticulari* forte affinis *L. stictella* Strt. Add. p. 218 ex Africa meridionali.

nigra, lamina epithecio nigrofusco in hypothecio nigro, paraphysibus crassis subdiscretis superne articulatis, articulo supremo globose inflato olivaceofusco. Sporæ incolores elongato-ellipticæ vel biscoctiformes 1-septatæ longit. 0,011-12, crassit. 0,003-7 mm, duplo ad quadruplum longiores quam crassæ. Gelatina hymenea iodo cœrulescens dein intense vinoso-fulvescens. — Supra saxa calcaria prope Constantine: Flagey (150, 219, 222). — Europ.

1195. L. Cirtensis (Flagey in lit. et in Arn. exs. 1445). Thallus cinereus effusus crassiusculus gleboso-granulosus. Apothecia crebra extus intusque nigra tenuiter et persistenter marginata concava vel plana diam. 0,2-3 mm. Hymenium superne fuscum in hypothecio nigrofusco, paraphysibus discretis superne capitulo nigro ornatis. Sporæ oblongæ 1-septatæ incolores longit. 0,014-16, crassit. 0,006-7 mm. Gelatina hymenea iodo violascens dein obscure vinoso-fulvescens. — Supra saxa calcaria in Constantine: Flagey. — Endem.

1196. L. opacata. Thallus sordide fusconigricans effusus subareolatus. Apothecia crebra nigra plana marginata demum convexa immarginata intus cinerea diam. 0,3-5 mm. Hymenium superne olivaceum in hypothecio incolore, paraphysibus discretis rigidis crassit. 0,002 mm, superne clava olivacea. Sporæ octonæ ovoideæ medio constrictæ 1-septatæ ineolores, loculis subæqualibus (superiore sæpe majore), longit. 0,010-14, crassit. 0,006-7 mm. Gelatina hymenea iodo intense cœrulescens. Spermatia cylindrica recta longit. 0,0030-35, crassit. 0,0005 mm. — Supra lapides arenarios ad Promontorium Bonæ Spei: MacOwan. — Endem.

1197. L. rhyparoleuca (Mass. Cap. p. 70). Hymenium in hypothecio incolore, epithecio fuscogranuloso, paraphysibus non bene discretis superne fuscoclavatis. Sporæ octonæ ellipticæ vel sæpius elongato-ellipticæ incolores 1-sep-

(Lecidea)

tatae (nec reniformes nec constrictae) longit. 0,012-20, crassit. 0,006-7 mm. Gelatina hymenea iodo cœrulescens. — Supra saxa quartzosa in monte Teufelsberg ad Promontorium Bonæ Spei: Wawra. — Endem.

1198. L. mortualis. Thallus olivaceofuscus gleboso-granulosus. Apothecia nigra concava vel plana margine concolore, dein convexa immarginata, intus nigra diam. 0,3-4 mm. Hymenium in hypothecio nigrofusco superne fuscum paraphysibus laxè coalitis superne clavatis, clavis luteofuscis. Sporae octonae oblongo-ellipticae incolores 1-septatae longit. 0,008-12, crassit. 0,003-4 mm. Gelatina hymenea iodo intense cœrulescens. — Saxicola in Monte Tabulari ad Promontorium Bonæ Spei: MacOwan. — Endem.

1199. L. chloropoliza Nyl. *Armor.* p. 411. — Saxicola in Monte Tabulari: Eaton. — Europ.

1200. L. antisema Müll. in *Flora* 1884 p. 617. — Corticicola in Madagascaria centrali: Hildebrandt. — Endem.

1201. L. volvarioides (Fée *Ess.* p. 71, *Conotrema* Müll. *Pyrenoc. Féean.* p. 36). — Corticicola prope Lydenburg in Transvaalia: Wilms. — Amer. trop.

1202. L. perforans. Apothecia in thallo alieno parasitica coacervata nigra immarginata, epithallo hospitis rupto et crenulato accessorie cincta inde pseudolecanorina, intus nigra diam. 0,2-4 mm. Hymenium in hypothecio fusco-nigro superne fuscum paraphysibus coalitis, thecis subglobosis. Sporae octonae late ellipsoideae simplices longit. 0,007-11, crassit. 0,005-6 mm. Gelatina hymenea iodo præcedente cœrulescentia leviter vinose fulvescens. — Supra thallum *Parmeliæ perforatæ* prope Lydenburg in Transvaalia: MacLea (misit Rehmman). — Endem.

1203. L. subinquinans Nyl. *Nat.* p. 11. — Supra thal-

lum *Parmeliæ crinitæ* (?) parasita in Port Natal: Armstrong-Mackenzie. — Endem.

1204. L. Parmeliarum Smmrf. Lapp. p. 176. — Parasita supra *Stictam auratam* in Port Natal: Armstrong-Mackenzie. — Europ., Austral., Amer. sept. — F. **microsperma** (Tul. Mém. p. 115). — Supra thallum *Physciæ pictæ* prope Keren in Abyssinia: Beccari. — Endem.

1205. L. maculans (Arn. Tir. XIII p. 126) var. **reducta**. A typo differt sporis minoribus longit. 0,015-20, crassit. 0,006-8 mm. — Supra thallum *Lecanoræ calcareæ* prope Constantine: Flagey. — Endem.

1206. L. episemoides Nyl. Ang. p. 10. — Parasita supra *Tremothylium Angolense* in Angola: Welwitsch. — Endem.

1207. L. brachyspora (Müll. Diagn. Socot. p. 8). — Supra thallum *Lecideæ innatæ* ad Wadi Kischen in insula Socotra 600 m: Schweinfurth. — Endem.

1208. L. acervata. Apothecia extus intusque nigra immarginata botryoso-acervata in excrescentiis thalli alieni et ab hoc spurie marginata, diam. 0,20-25 mm. Paraphyses crassit. 0,002 mm rigidæ. Sporæ octonæ elongato-ellipticæ incolores 3-septatæ longit. 0,013-16, crassit. 0,005-6 mm. Gelatina hymenea iodo cœrulescens, thecæ non tinctæ. — Super thallum *Parmeliæ subcaperatulæ* Nyl. ad Krügerspost prope Lydenburg in Transvaalia: Wilms. — Endem.

1209. Xylographa cedrina Nyl. in Flora 1878 p. 345. — Super lignum *Cedri* prope Batna Saharæ: Norrlin. — Endem.

1210. Lithographa petræa (DR.-Mnt. Alg. p. 278) Nyl. Prodr. p. 147. — Supra lapides arenarios prope La Calle Algeriæ: Durieu. — Gall., ins. Cæsarea.

(Lithographa)

1211. L. fumida Nyl. in Hb. Lojka. — Saxicola socia *Siphulæ tabularis* in Monte Tabulari ad Promontorium Bonæ Spei: MacOwan. — Endem.

1212. L. Cerealis. Thallus niger opacus effusus pulvereus saxa late obducens. Apothecia nigra subnitentia sessilia minuta abbreviato-linearilanceolata rarius subrotundata, recta vel curvula, epithecio rimiformi angustato fusco, hypothecio incolore. Paraphyses coalitæ. Sporæ octonæ late ellipticæ simplices longit. 0,020-23, crassit. 0,010-13 mm. Gelatina hymenea iodo immutata. — Saxicola in montibus Warme Bokkeveld prope pagum Ceres in Africa australi: Andr. Smitt. — Endem.

1213. Graphis Pavoniana Fée Ess. p. 40. — Supra cortices arborum læves in insula Johanna: Hildebrandt. — Borneo, Polynes., Amer. trop.

1214. G. comma (Ach. Syn. p. 73) Eschw. Bras. p. 76. — Ramulicola et supra caudices *Palmarum* in Africa meridionali: Wilms, supra ramulos in Africa tropico-orientali: Hannington, Hildebrandt, Meyer et in insulis Madagascar: Hildebrandt et Socotra 700 m: Schweinfurth. — Vulgaris in regionibus calidis: Cochinchina, Nov.-Caled., Antill., Amer. austral.

1215. G. Palmarum (Müll. in Flora 1890 p. 344). — Supra lignum siccoputrescens prope Usagara: Last. — Endem.

1216. G. leptoclada Müll. l. c. 1882 p. 335. Syn. *Opegrapha rimulosa* Mnt.-v. d. Bosch Jav. p. 41. — In Madagascar centrali: Hildebrandt. — Java.

1217. G. diaphoroides Müll. l. c. 1886 p. 312. — Corticicola prope Lydenburg in Transvaalia: Wilms (Lichenoth. univ. 91). — Endem.

1218. G. ovata (Fée l. c. p. 25) Mass. Mem. p. 111. — Corticicola in Schoa: Antinori. — Amer. trop.

1219. *G. tenella* Ach. l. c. p. 81, Nyl. Nov.-Granat. Ed. II p. 73. — Supra truncos, ramulos et aculeos sublignosos arborum in Schoa: Antinori, in Guinea, secus flumen Quillu: Pechuel-Loesche, prope Tschamtei in territorio Sansibar: Hildebrandt, in insulis Sancti Thomæ: Moller et Socotra: Schweinfurth. — Polynes., Amer. austr.

1220. *G. cæsia* Müll. Afr. p. 37. — Supra cortices et aculeos sublignosos arborum in planitie secus flumen Quillu: Pechuel-Loesche. — Endem.

1221. *G. scripta* (L. Spec. p. 1606) Ach. L. U. p. 265. — Corticicola in Africa australi: Breutel, in insula Sancti Thomæ: Moller. — Europ., Asia, Polynes., Amer. utraque. — Var. ***serpentina*** (Ach. Prodr. p. 25) Rbh. Deutschl. Krypt. Flor. II, Lich. p. 91. — Supra cortices et aculeos sublignosos arborum in planitie secus flumen Quillu: Pechuel-Loesche. — Europ., Asia, Austral., Polynes., Amer. utraque.

1222. *G. devestiens* Nyl. MS. Thallus K—. Sporæ oblongæ vel fusiformes loculis octonis globoso-ellipticis, longit. 0,020-38, crassit. 0,0050-65 mm. — Super corticem arboris e *Malvacearum* familia prope Durban in Natalia: Wilms. — Endem.

1223. *G. intexta* Nyl. Nat. p. 13. — Corticicola in Port Natal: Armstrong-Mackenzie. — Endem.

1224. *G. ochroplaca* Nyl. Ang. p. 14. — Supra corticem trunci putrescentis prope Sanga in Angola: Welwitsch. — Endem.

1225. *G. angustata* Eschw. l. c. p. 73. — Supra cortices arborum lævigatos in insula Borbonia. — Tahiti, Brasil.

1226. *G. intricata* Fée Ess. p. 42. Syn. *G. assimilis* Nyl. Prodr. p. 150. — Corticicola prope Durban: Wilms et in insulis Madagascar et Rodriguesii: Balfour. — Zeylan., Austral., Polynes., Amer. trop.

(Graphis)

1227. *G. polycarpa* (Müll. in Flora 1887 p. 63). — Corticicola ad Lydenburg: Wilms. — Endem.

1228. *G. Renschiana* (Müll. l. c. 1885 p. 512). — Ramulicola in Madagascaria centrali: Hildebrandt. — Endem.

1229. *G. sophistica* Nyl. Nov.-Granat. Ed. II p. 74. — Corticicola in insula Sancti Thomæ: Moller et prope Lydenburg in Transvaalia: Wilms (Lichenoth. univ. 90). — Europ. occid., Asia orient., Austral., Nov.-Zel., Amer. austr. et antarct.

1230. *G. streblocarpa* (Bél., Mnt.-v. d. Bosch Jav. p. 43) Nyl. in Flora 1866 p. 133. — In insula Borbonia. — Asia austro-orient., Polyn.

1231. *G. subfarinacea* Nyl. En. p. 130. — In Promontorio Bonæ Spei: Drège. — Endem.

1232. *G. rudescens* Nyl. Ins. Guin. p. 29. — Corticicola in insula Principis: Quintas. — Endem.

1233. *G. analoga* Nyl. Exot. p. 244. — Corticicola in insula Rodriguesii: Balfour. — Nov.-Granat., Tahiti. — ***F. tetraspora*** Nyl. Nat. p. 13. — Corticicola in Port Natal: Armstrong-Mackenzie. — Endem.

1234. *G. rigida* (Fée Ess. p. 29 et Suppl. p. 23) Nyl. Nov.-Gran. Ed. II p. 75 f. ***Condaminea*** (Fée Ess. p. 30 et Suppl. p. 24) Nyl. in Flora 1886 p. 174. — Corticicola in insula Sancti Thomæ 550—750 m: Moller. — Java, Peruv.

1235. *G. exserta* Nyl. Syn. Nov.-Caled. p. 73, Syn. *Phæographina quassiæcola* (Fée Ess. p. 97) Müll. Graph. Féean. p. 47. — Corticicola in Madagascar. — Zeylan., Nov.-Caled.

1236. *G. Acharii* Fée l. c. p. 39. — Corticicola in Port Natal: Armstrong-Mackenzie. — Antill., Brasil., Argent.

1237. *G. anguilliformis* (Tayl. in Hook. Journ. Bot. 1847 p. 152) Nyl. Nov.-Granat. Ed. II p. 76. — In Africa occidentali. — Zeylan., Nov.-Granat.

1238. *G. oxyclada* Müll. in Flora 1885 p. 512. — Ramulicola in monte N'bi territorii Sansibar: Hildebrandt. — Endem.

1239. *G. brachycarpa* Müll. Diagn. Socot. p. 11. — Ramulicola prope Wadi Kischen in insula Socotra 700 m: Schweinfurth. — Endem.

1240. *G. Afzelii* Ach. Syn. p. 85, Nyl. Syn. Nov.-Caled. p. 73. — Supra arborum corticem in Guinea teste Ach. l. c. — Asia orient., Bermud., Amer. trop.

1241. *G. striatula* (Ach. l. c. p. 74) Nyl. Nov.-Granat. Ed. II p. 77. — Corticicola in Guinea (ex Ach.), Port Natal: Armstrong-Mackenzie et in Madagascaria centrali: Hildebrandt. — Lusitan., Asia trop., Polyn., Antill., Amer. austr.

1242. *G. pezizoidea* Ach. l. c. p. 86, Nyl. l. c. p. 78. — Supra corticem arborum lævigatum in Guinea (ex Ach.). — Nov.-Granat.

1243. *G. dendriticella* (Müll. Gaz. II p. 139). — Ramulicola ad Monroviā in Guinea Libérica: Naumann. — Endem.

1244. *G. lynceodes* Nyl. in Flora 1886 p. 174. — Corticicola in insula Sancti Thomæ 1150 m: Moller. — Endem.

1245. *G. inusta* Ach. l. c. p. 85, Syn. *G. planata* ib. p. 86. — Supra corticem *Uvariæ* in Guinea (Ach. l. c.) et in insula Madagascar: Hildebrandt. — Europ., Asia orient., Nov.-Zel., Nov.-Caled., Amer. austr. — Var. ***radians*** Müll. Diagn. Socot. p. 12. — Ramulicola in insula Socotra: Schweinfurth. — Endem. — Var. ***simpliciuscula*** (Leight. Great Brit. Ed. III p. 432. — Corticicola in insula Socotra: Balfour. — Agl., Hibern., inss. Normann.

1246. *G. paragrapta* (Müll. in Flora 1890 p. 347). — Ramulicola ad flumen Kongo: Ledien. — Endem.

(Graphis)

1247. *G. scalpturata* Ach. l. c. p. 86. — *Ramulicola* in insula Rodriguesii: Balfour. — Amer. æquinoct. — Var. ***plurifera*** Nyl. Nov.-Gran. Addit. p. 564. — *Ramulicola* in monte Kilimandscharo: Meyer. — „Latissime dispersa, in America calidiore vulgatissima“ Müll.

1248. **G. quadrifera* Nyl. in Flora 1886 p. 175. — *Corticicola* in insula Sancti Thomæ 1800 m: Moller. — Endem.

1249. *G. Madagascariensis* (Müll. l. c. 1885 p. 513). — *Ramulicola* in Madagascaria centrali: Hildebrandt. — Endem.

1250. *G. pervarians* Nyl. l. c. — *Corticicola* in insula Sancti Thomæ 800—2100 m: Moller. — Endem.

1251. *G. mesographa* Nyl. Nov.-Granat. Ed. II p. 80. — *Corticicola* in Sommerset East Africæ australis: MacOwan. — Nov.-Zel., Nov.-Granat.

1252. *G. glauca* (Müll. l. c. p. 514). — *Ramulicola* ad flumen Kongo: Ledien et in Madagascaria centrali: Hildebrandt. — Endem.

1253. *G. æquabilis* Nyl. Andam. p. 16. — *Corticicola* in insula Sancti Mauritii. — Endem.

1254. *G. æthiopica* (Müll. l. c. p. 513). — *Ramulicola* ad Tschamtei in Duruma: Hildebrandt. — Endem.

1255. *G. atrofusca* (Müll. l. c. 1887 p. 74). — *Corticicola* prope Lydenburg in Transvaalia: Wilms. — Paraguay.

1256. *G. chrysentera* Mnt. in Ann. sc. nat. 2, XVIII p. 269, Nyl. Syn. Nov.-Caled. p. 78. — *Corticicola* in insula Sancti Thomæ 700—750 m: Moller. — Nov.-Caled., Brasil.

1257. *G. albonotata* Nyl. in Flora 1886 p. 175. — *Corticicola* in insula Sancti Thomæ 550 m: Moller. — Endem.

1258. *G. exalbata* Nyl. Ins. Guin. p. 28. — *Saxicola* in insula Principis: Quintas. — Endem.

1259. *G. obtecta* Nyl. Nov.-Granat. Ed. II. p. 83. — Corticicola secus flumen Quillu: Pechuel-Loesche. — Ind. orient., Polyn., Amer. austr.

1260. *G. Socotrina* (Müll. Diagn. Soc. p. 12). — Corticicola in insula Socotra: Balfour et in territorio Sansibar: Hildebrandt. — Endem.

1261. *G. subnivescens* Nyl. in Flora 1886 p. 174. — Corticicola in insula Sancti Thomæ 1250 m: Moller. — Endem.

1262. *G. Balfourii* (Müll. l. c.). — Truncicola in insula Socotra: Balfour. — Endem.

1263. *G. contexta* (Pers. in Gaud. Uran. p. 184) Nyl. Exot. p. 261 et Syn. Nov.-Caled. p. 81. — Corticicola in insulis Sancti Thomæ 1200 m: Moller et Borbonia. — Inss. Zeylan., Andaman., Nov.-Caled. — Var. **reducta** Nyl. Exot. p. 261. — Cum priore in insula Borbonia. — Endem.

1264. *G. timidula* Nyl. in Flora 1886 p. 174. — Corticicola in insula Sancti Thomæ 1250 m: Moller. — Endem.

1265. *G. varians* (Müll. l. c.). — Supra ramulos *Draecænæ* prope Wadi Kischen in insula Socotra 700 m: Schweinfurth. — Endem.

1266. *G. sorediella* (Müll. Afric. p. 38). — Corticicola secus flumen Quillu: Pechuel-Loesche. — Endem.

1267. *G. abstracta* Krmplh. Afric. p. 144. — Supra cortices arborum læves in insula Johanna: Hildebrandt. — Endem.

1268. *G. heterospora* Nyl. Exot. p. 261. — Supra arbores emortuas in sylvis humidis insulæ Borboniæ: Lepervanche. — Endem.

1269. *Helminthocarpon Meyeri* (*Phlyctis* Stein Afr. seors. impr. p. 6) Müll. in Flora 1890 p. 344. — Ramulicola ad Tumakanya in Usambara: Meyer. — Endem.

(Helminthocarpon)

1270. H. Congoëns Müll. l. c. p. 346. — Ramulicola ad flumen Kongo: Ledien. — Endem.

1271. Lecanactis leucophora Nyl. in Flora 1886 p. 176. — Corticicola in insula Sancti Thomæ: Moller. — Endem.

1272. L. Montagnei (v. d. Bosch Jav. p. 46) ***deducens** Nyl. Ins. Guin. p. 32, Syn. *L. deducta* Nyl. in Flora 1886 p. 176. — Corticicola in insula Sancti Thomæ: Moller. — Endem.

1273. L. subcalcareia (Müll. Diagn. Soc. p. 10). — Calci-
cola in insula Socotra: Balfour. — Endem.

1274. L. cretacea (Müll. l. c). — Calci-
cola in insula Socotra: Balfour. — Endem.

1275. L. emersa (Müll. in Flora 1887 p. 63). — Cortici-
cola prope Lydenburg in Transvaalia: Wilms et prope Kooks-
bosch ad Promontorium Bonæ Spei: Breutel. — Endem.

1276. L. elegans (Müll. Diagn. Soc. p. 10). — Ligni-
cola in insula Socotra: Balfour. — Endem.

1277. L. vestita (Müll. l. c). — Lignicola in insula So-
cotra: Balfour. — Endem.

1278. L. chloroconia Tuck. Obs. Lich. 1864 p. 285. —
Ramulicola et supra truncos decorticatos in insula Socotra:
Balfour. — Amer. sept.

1279. L. diversa Nyl. (Exot. p. 227 et Syn. Nov.-Caled.
p. 74) Japon. p. 113. — Super corticem arboris e *Malvace-*
arum familia prope Durban in Natalia: Wilms et in insulis
Madagascar et Sancti Thomæ 1500—2100 m: Moller. — Asia
trop., Polynes.

1280. L. develans Nyl. Japon. p. 87. Sporæ fuscae
elongato-ellipticae utrinque obtusae loculis ellipticis 6—8,
longit. 0,022—38, crassit. 0,006—8 mm. — Super corticem arboris
e *Malvacearum* familia prope Durban in Natalia: Wilms.
— Endem.

1281. Medusula tricola (Ach. L. U. p. 674) Nyl. in Flora 1876 p. 176. — Corticicola in insula Sancti Thomæ 750 m: Moller. — Asia orient., Amer. trop.

1282. M. disjectans Nyl. Japon. p. 87. Sporæ elongato-ellipsoideæ vel oblongo-ovales loculis quaternis ellipticis fuscae longit. 0,015-22, crassit. 0,005-7 mm. Thallus K—. — Super corticem arboris e *Malvacearum* familia prope Durban: Wilms. — Endem.

1283. Opegrapha stictica (DR.-Mnt. Alg. p. 282) Nyl. Alger. p. 315. — Supra truncum vetustum *Suberis* prope La Calle Algeriæ: Durieu. — Gall. merid., Peruv.

1284. O. grumulosa Duf. in Journ. Phys. 1818, LXXXVII p. 214, Nyl. Nov.-Zel. p. 148. — Supra thallum *Dirinæ repandæ* in Algeria. — Europ.

1285. O. dirinaria Nyl. (Alg. p. 334) Nov.-Zel. p. 147. — Supra radices denudatos *Chameropis humilis* et supra saxa calcaria prope Oran: Balansa. — Angl., Ital., Libanon. — **F. platycarpa** Nyl. (Alg. p. 334) Nov.-Zel. p. 148. — Supra saxa calcaria prope Oran: Balansa. — Endem.

1286. O. arthonoidea Nyl. ll. cc. — Supra lapides calcarios prope Oran: Balansa. — Endem.

1287. O. semiatra Müll. in Flora 1886 p. 312. — Corticicola prope Lydenburg in Transvaalia: Wilms (Lichenoth. univ. 93). — Endem.

1288. O. diagraphoides Nyl. Nat. p. 12. — Corticicola in Port Natal: Armstrong-Mackenzie. — Endem.

1289. O. interalbata Nyl. l. c. — Corticicola in Port Natal: Armstrong-Mackenzie. — Amer. æquinoc.

1290. O. Bonplandiæ Fée Ess. p. 25, Nyl. Exot. p. 229. — Supra corticem emortuum *Palmarum* in territorio Loango: Pechuel-Loesche, supra ligna decorticata in insula Socotra: Balfour. — Bengal., Nov.-Caled., Amer. utraque. — Var.

(Opegrapha)

abbreviata (Fée l. c.) Müll. Graph. Féean. p. 17. — Corticicola in Usambara: Meyer. — Antill.

1291. O. prosodea Afz. in Ach. Meth. p. 22, Nyl. l. c. — Corticicola in planitie secus flumen Quillu: Pechuel-Loesche et in Sierra Leone: Afzelius. — Manill., Nov.-Gran., Brasil.

1292. O. Dracænarum Müll. Diagn. Soc. p. 11. — Supra ramos *Dracænarum* in insula Socotra: Schweinfurth. — Endem.

1293. O. diaphora Ach. (Prodr. p. 20) Meth. p. 19, Nyl. in Flora 1873 p. 206. — Corticicola in Algeria. — Europ., Amer. utraque.

1294. O. diaphorella. Thallus depauperatus effusus interrupte ochraceo-maculosus nonnihil pulverulentus. Apothecia iis *O. diaphoræ* (saxicolæ) simillima. Sporæ moniliato-eruciformes plerumque curvulæ 5-septatæ hyalinæ longit. 0,017-22, crassit. 0,005-7 mm. Gelatina hymenea iodo cœrulescens dein vinose rubescens. — Supra saxa arenaria prope Muizenberg ad Promontorium Bonæ Spei: MacOwan. — Endem.

1295. O. notha Ach. (Prodr. p. 19) L. U. p. 252, Nyl. l. c. — Corticicola in hortis ad Milah prope Constantine: Flagey. — Europ., Amer. sept.

1296. O. subnothella Nyl. l. c. 1886 p. 176. — Corticicola in insula Sancti Thomæ: Moller. — Endem.

1297. O. pulicaris (Lightf. Flor. Scot. II p. 801) Schrad. apud Ach. L. U. p. 251, Nyl. l. c. 1873 p. 206. — Teste Leight. in Algeria viget. — Europ., Calcutt., Nov.-Zel., Amer. sept.

1298. O. subelevata Nyl. Nov.-Zel. p. 148, Syn. *O. varia* v. *elevata* Nyl. Alg. p. 334 non DC. Fl. Fr. II p. 169. — Calcicola ad Oran: Balansa. — Endem.

1299. O. albocincta Nyl. l. c. p. 335. — Supra truncum *Chameropis* prope Oran: Balansa. — Endem.

1300. *O. maroccana* Müll. in Flora 1879 p. 168. — Super corticem *Populi albæ* inter El Arisch et Alcazar imperii maroccani: Brun. — Endem.

1301. *O. rimalis* Pers. in Ach. L. U. p. 260, Nyl. Scand. p. 253. — Super corticem subereum arborum in monte Boschberg ad Promontorium Bonæ Spei: MacOwan. — Europ., Amer. sept. et antarct., Paraguay.

1302. *O. atrorimalis* Nyl. in Flora 1864 p. 488. — Super ramulos decorticatos prope Mirsa Tobruk occidentem versus ab Alexandria: Schweinfurth. — Brest, Calif.

1303. *O. saxicola* Ach. Syn. p. 71. — Teste Leight. in insula Madera. — Europ.

1304. *O. gyrocarpoides* Müll. Egypt. Suppl. p. 7. — Calcicola prope Alexandriam: Ascherson. — Endem.

1305. *O. leptographa* Nyl. Ins. Guin. p. 32. — Saxicola in insula Principis: Quintas. — Endem.

1306. *O. atra* Pers. in Ust. N. Ann. I p. 30. — In Algeria et supra corticem arborum in insulis Madera et Sancti Thomæ 800 m: Moller. — Europ., Asia, Amer., Fret. Magell. — Var. ***calcareæ*** (Turn. in E. B. t. 1790) f. ***tenuior*** Nyl. in Stzb. Steinb. Opegr. p. 19. — Calcicola prope Oran in Algeria: Balansa. — Hibern.

1307. *O. Chevalieri* (Leight. Brit. Graph. p. 8, 10 p. p., Stzb. l. c. p. 20) Nyl. in Flora 1880 p. 13. — Saxicola in insula Madera: Castello de Paiva. — Europ., ins. Cypr.

1308. *O. agelæa* Fée Suppl. p. 23, Nyl. Nov.-Granat. Ed. II p. 91. — Parasita in thallo aliorum lichenum in Promontorio Bonæ Spei et in insula Madagascar: Hildebrandt. — Amer. austr.

1309. *O. atrula* Müll. Gaz. II p. 139. — Supra ramos siccos in insula Ascensionis: Naumann. — Endem.

(Opegrapha)

1310. *O. capensis* Müll. in Flora 1888 p. 207. — Supra cortices læves in Monte Tabulari ad Promontorium Bonæ Spei et super caudicem *Phœnicis dactyliferæ* prope Durban: Wilms. — Endem.

1311. *O. sororiella* Müll. Diagn. Socot. p. 11. — Ramulicola in insula Socotra: Balfour. — Endem.

1312. *O. vulgata* Ach. (Prodr. p. 21) Meth. p. 20, Nyl. in Flora 1869 p. 297. — Super corticem *Rhois* in Algeria. — Europ., Calcutt., Nov.-Caled., Amer. austr.

1313. *O. luridescens* Jatta in Nuov. Giorn. Bot. Ital. XIV p. 173. — Supra truncos arborum in Schoa: Antinori. — Endem.

1314. *O. graphidiza* Nyl. Angol. p. 12. — Supra truncos vetustos *Euphorbiæ candelabri* juxta litus oceani in agro Loandensi: Welwitsch. — Endem.

1315. *O. Loandensis* Nyl. l. c. p. 13. — Supra truncos vetustos *Euphorbiæ candelabri* juxta mare in agro Loan-densi: Welwitsch. — Endem.

1316. *O. difficilior* Nyl. in Cromb. Rodr. p. 443. — Super arborum truncos decorticatos in insula Rodriguesii: Balfour. — Endem.

1317. *O. microspora* Müll. l. c. — Corticicola in insula Socotra: Balfour. — Endem.

1318. *O. circumducta* Nyl. in Flora 1867 p. 374. — Saxicola in insula Madera: Mandon. — Endem.

1319. *O. Zanei* Mass. Cap. p. 80. — Calcicola in Promontorio Bonæ Spei: Wawra. — Endem.

1320. *O. Duriei* Mnt. in DR. Alger. p. 279. — Supra lapides calcarios ad Alger: Durieu. — Endem.

1321. *O. alboatra* Nyl. En. p. 131. — Saxicola in Promontorio viridi. — Endem.

1322. *O. undulata* Strt. in Cromb. Chall. p. 214. — Saxicola in Promontorio viridi. — Endem.

1323. *O. parvula* Nyl. in Cromb. Cap. p. 179. — Latera lapidum terram spectantia incolens in Monte Tabulari: Eaton. — Endem.

1324. *O. aphoristica* Nyl. in Stzb. Steinb. Opegr. p. 36. — Saxicola in insulis Canariis: La Perraudière. — Endem.

1325. *O. lepidella* Nyl. in Flora 1886 p. 176. — Corticicola in insula Sancti Thomæ: Moller. — Endem.

1326. *O. melanospila* Müll. in Flora 1877 p. 474. — Parasita in thallo *Parmeliæ perforatæ* et *urceolatæ* supra Wadi Kischen in insula Socotra 800 m: Schweinfurth. — Caracas.

1327. *O. ægyptiaca* Müll. Egypt. p. 19. — In thallo alieno supra lapides quartzosos deserti lybici prope Gasser eschtachi: Ehrenberg. — Endem.

1328. *O. quaternella* Nyl. l. c. 1885 p. 449 f. **congesta**. A typo differt gelatina hymenea iodo cœrulescente. — Supra thallum *Pertusariæ* cujusdam sterilis saxicolæ prope Muizenberg in Promontorio Bonæ Spei: MacOwan. — Typus prope New Bedford Amer. sept.

1329. *Platygrapha albocincta* Nyl. (Alg. p. 335) Prodr. p. 162. — Supra truncum *Chameropis humilis* prope Oran Algeriæ: Balansa. — Endem.

1330. *P. ocellata* Nyl. En. p. 131 et Nov.-Granat. Ed. II p. 94. — Corticicola in Madagascar. — New South Wales, Antill., Amer. sept.

1331. *P. strigulina* Nyl. Andam. p. 13, Syn. *P. striguloides* Nyl. En. p. 131. — Corticicola in insula Madagascar. — Borneo.

1332. *P. dirinea* Nyl. l. c. — In Promontorio Bonæ Spei. — Java, Amer. merid.

(Platygrapha)

1333. *P. rimata* (Fw. Lich. exs. 438 B) Nyl. Prodr. p. 162. — Corticicola in Teneriffa: Despréaux. — Europ. occid., Nov.-Granat.

1334. *P. septenaria*. Thallus albus vel luteolus determinatus areolatus, areolis rotundatis convexis pulverulentis, CaCl+ erythrinus. Apothecia crebra nigra, margine concolore a thallo accessorie coronato, disco concavo vel plano tandem convexo cæsiopruinoso, diam. 0,5-8 mm. Lamina in hypothecio nigro fusco, epithecio fusco, paraphysibus non discretis, thecis saccatis. Sporæ octonæ fusiformes incolores 3-7-septatæ longit. 0,018-24, crassit. 0,003-4 mm. Gelatina hymenea iodo vinose rubens. — Supra saxa arenaria prope Muizenberg et in Monte Leonis ad Promontorium Bonæ Spei: MacOwan. — Endem.

1335. *P. sublecanorina* Nyl. Angol. p. 13. — Supra folia viva in Angola: Welwitsch. — Endem.

1336. *P. tumidula* Strt. Lich. on leaves p. 5, Syn. *Opegr. melanophthalma* Müll. in Flora 1883 p. 384. — Follicola in insula Madagascar. — Nov.-Guin., Brasil.

1337. *Stigmatidium polymorphum* Müll. l. c. 1879 p. 168. — Supra saxa calcaria maritima subhumida in territorio maroccano Mogador: Brun. — Endem.

1338. *S. crassum* Dub. Bot. Gall. p. 643. — Corticicola in Algeria: Durieu. — Europ. occid., Japon.

1339. *S. affine* (Müll. Diagn. Soc. p. 13, id. Graph. Féean. p. 69). — Corticicola insulatim inter alios Lichenes in insula Socotra: Balfour. — Endem.

1340. *S. venosum* (Sm. in E. B. t. 2454) Nyl. Prodr. p. 163 (nota). — Forma apotheciis pallescentibus et thallo depauperato in Port Natal: Armstrong-Mackenzie. — Europ. occident.

1341. *S. subseriale* Nyl. (Exp. Nov.-Caled. p. 52) Syn. Nov.-Caled. p. 58. — Super corticem arboris e *Malvacearum* familia prope Durban in Africa meridionali: Wilms. — Nov.-Caled.

1342. *S. lacteum* Müll. ll. cc. — Corticicola in insula Socotra: Balfour. — Endem.

1343. *S. fraterculans* Müll. ll. cc. — Corticicola in insula Socotra: Balfour. — Endem.

1344. *S. Capense* (Mass. Cap. p. 81). Sporæ 0,038-48 mm longæ, 0,004-5 mm crassæ. Gelatina hymenea iodo palide vinosa. — Supra saxa vulcania in insula Ascensionis: Wawra. — Endem.

1345. *S. cæsiellum* (Müll. Diagn. Soc. p. 14). — Corticicola in insula Socotra: Balfour. — Endem.

1346. *S. candidum* (Müll. l. c.). — Corticicola in insula Socotra: Balfour. — Endem.

1347. *Arthonia nana*. Thallus macula effusa alba indicatus. Apothecia fusca vel nigrofusca minutissima sessilia rotundato-maculiformia. Sporæ octonæ in thecis pyriformibus ovales 1-septatæ longit. 0,008-10, crassit. 0,003-4 mm. — Super partes lignosas *Phœnicis dactyliferæ* sylvestris prope Durban: Wilms. — Endem.¹

1348. *A. Antillarum* (Fée Suppl. p. 94) Nyl. Syn. Nov.-Caled. p. 61. — Corticicola in insula Sancti Thomæ 750 m: Moller. — Asia orient., Amer. calidior.

1349. *A. Loangana* Müll. Afr. p. 38. — Palmicola secus flumen Quillu in Africa occidentali: Pechuel-Loesche. — Endem.

¹ In ratione disponendi species singulas generis *Arthoniam* quod vocant me methodum Willeyanum (Syn. Arthon.) secutum esse lectoribus præcipiendum videtur.

(Arthonia)

1350. A. Wilmsiana Müll. in Flora 1886 p. 315. — Corticicola prope Lydenburg in Transvaalia: Wilms (Lichenoth. univ. 95). — Endem.

1351. A. cinnabarina Wallr. D. Fl. II p. 320. — Corticicola in Algeria et prope Lydenburg in Transvaalia: Wilms. — Europ., Asia calid., Amer. utraque. — Var. **radiata** (Mass. Ric. p. 47). — Prope Tschamtei in territorio Sansibar: Hildebrandt. — Europ. — Var. **obscura** Krb. S. L. G. p. 291. — In insula Madagascar: Hildebrandt. — Europ.

1352. *A. adspersa (Mnt. in Ann. sc. nat. 2, XVIII p. 97) Nyl. Nov.-Zel. p. 119. — Corticicola in insulis Sancti Thomæ: Moller et Socotra: Balfour. — Asia orient., Nov.-Zel., Polynes., Antill., Amer. austr.

1353. A. caribæa (Ach. L. U. p. 272 p. p.) Nyl. Arth. p. 89. — In Africa tropica. — Zeylan., Nov.-Caled., Amer. tropica.

1354. A. rubella (Fée Ess. p. 43) Nyl. Nov.-Granat. Ed. II p. 98. — Super cortices in insula Sancti Thomæ 800 m: Moller. — Amer. calidior.

1355. A. variabilis Müll. in Flora 1887 p. 75. — Corticicola prope Lydenburg in Transvaalia: Wilms. — Endem.

1356. A. angulosa Müll. l. c. — Corticicola prope Lydenburg in Transvaalia: Wilms. — Endem.

1357. A. varia (Ach. L. U. p. 259) Nyl. Syn. Nov.-Caled. p. 60. — In Africa æquinotiali. — Nov.-Caled., Ind. occid.

1358. A. ulcerosula Nyl. Andam. p. 15 (nota). — Corticicola in insula Sancti Mauritii. — Endem.

1359. A. Somaliensis Müll. l. c. 1885 p. 511. — Supra ramulos *Acaciarum* in terra Somali et prope Tschamtei in Duruma: Hildebrandt. — Endem.

1360. A. leucocarpa Müll. Diagn. Soc. p. 13. — Corticicola in insula Socotra: Balfour. — Endem.

1361. A. atrorufa (Müll. in Flora 1887 p. 77). — Corticicola prope Lydenburg in Transvaalia: Wilms. — Endem.

1362. A. adhærens Müll. Egypt. p. 19. — Calcicola in desertis Aegypti Wadi Chereze, Galala, Wadi Na-umieh: Schweinfurth, prope Dschibel et Mudar: Ehrenberg. — Endem.

1363. A. Alexandrina Nyl. in Flora 1876 p. 285. — Supra corticem *Fici* ad Alexandriam: Larbalestier. — Endem.

1364. A. trilocularis Müll. in Flora 1881 p. 233. — Supra folia *Menispermaceæ* cujusdam in Madagascar. — Endem.

1365. A. dispersula Nyl. l. c. — Super cortices arborum in regione Alexandrina Aegypti: Larbalestier. — Florida.

1366. A. galactites (DC. Fl. Fr. 2 p. 315) Duf. in Journ. Phys. 1818, LXXXVII p. 203. — Supra corticem *Pini* prope Constantine: Flagey. — Europ.

1367. A. subvarians Nyl. l. c. 1868 p. 345. — Supra apothecia *Lecanoræ dispersæ* prope Azeba in Algeria: Flagey. — Palæst., Amer. sept.

1368. A. stictaria Nyl. l. c. 1867 p. 440. — Supra thallum *Stictæ auratæ* parasita in insulis Madera: Mandon et Socotra 1000 m: Schweinfurth. — Nov.-Zel.

1369. A. dendritella Nyl. in Cromb. Rodr. p. 443. — Super corticem arborum in insula Rodriguesii: Balfour. — Endem.

1370. A. palmicola Ach. Syn. p. 5, Nyl. Nov.-Granat. Ed. II p. 107 et in Flora 1876 p. 284. — „In Aegypto ad caudicem *Palmarum*“ (Ach. l. c.), super corticem *Fici* (?) in regione Alexandrina: Larbalestier, ibidem supra lignum *Phœnicis*: Barbey et similiter ad Marabut in oasi Katiyeh: idem. — Amer. australiss.

1371. A. pyrenuloides Müll. l. c. 1887 p. 75. — Corticicola prope Lydenburg in Transvaalia: Wilms. — Endem.

(Arthonia)

1372. *A. melanophthalma* Duf. MS., Nyl. Alger. p. 336 et Nov.-Granat. Ed. II p. 106. — Corticicola in Algeria. — — Europ. merid., Corsic., Nov.-Granat.

1373. *A. polymorpha* Ach. Syn. p. 7. — Corticicola in insula Socotra: Balfour. — Lusit., Amer. utraque.

1374. *A. propinqua* Nyl. En. p. 133 et Nov.-Granat. Ed. II p. 106. — Corticicola in Guinea (Hb. Ach. sub *A. polymorpha*) et in Monte Tabulari: MacOwan.. — New South Wales.

1375. *A. appplanata*. Syn. *A. complanatula* Müll. Diagn. Soc. p. 13 non Nyl. in Cromb. East. As. p. 59.¹ — Corticicola in insula Socotra: Balfour. — Endem.

1376. *A. aletea* (Mass. in Krmplh. Amboin. p. 867) Willey Arth. p. 40. — Corticicola in Africa (t. Willey). — Amboina.

1377. *A. punctiformis* Ach. L. U. p. 141 var. **subeminula** Nyl. in Flora 1876 p. 285. — Supra corticem *Mimosæ* in horto apud Abu Nischabeh ad ramum Nili dictum Rosetta: Larbalestier. — Endem.

1378. *A. oblongula* Müll. in Flora 1887 p. 75. — Corticicola prope Lydenburg in Transvaalia: Wilms. — Endem.

1379. *A. leptogramma* Müll. Afr. p. 39. — Supra corticem emortuum *Palmarum* secus flumen Quillu: Pechuel-Loesche. — Endem.

1380. *A. variiformis* Nyl. Alger. p. 336. — Supra corticem *Oleæ* prope Oran Algeriæ: Balansa. — Endem.

1381. *A. albopulverea* Nyl. l. c. — Super ligna *Chameropis* prope Oran Algeriæ. — Botany Bay.

1382. *A. phylloica* Nyl. in Cromb. Rodr. p. 443. — In insula Rodriguesii: Balfour. — Endem.

¹ *A. complanata* Fée Ess. p. 54 in territorio africano non adest.

1383. *A. astroidea* Ach. (Meth. p. 25) Syn. p. 6 var. ***Swartziana*** (Ach. L. U. p. 142) Nyl. Arth. p. 95. — Corticicola in Guinea (Ach.). — Europ., inss. Sandw.

1384. *A. calospora* Müll. Diagn. Soc. p. 12. Sporæ longit. 0,045-65, crassit. 0,015-20 mm, triplo vel triplo cum semisse longiores quam crassæ; gelatina hymenea iodo cœrulea. — Ramulicola ad Durban: Wilms et in insula Socotra: Balfour. — Endem.

1385. *A. ramulosa* Nyl. Alger. p. 335. — Supra corticem *Phyllireæ mediæ* prope Philippeville Algeriæ: Durieu. — Chile.

1386. *A. varians* Dav. in Trans. Linn. Soc. 2 t. 28 f. 3, Nyl. Scand. p. 260, Syn. *A. parasemoides* Nyl. Alger. p. 330. — Supra apothecia *Lecideæ parasemæ* ad ramos in Dschebel Tugur Algeriæ: Balansa. — Europ.

1387. *A. violascens* Fw. in Linnæa XVII (1843) p. 23, Nyl. En. p. 133. — Supra corticem arborum in sylvis prope Constantiam in Promontorio Bonæ Spei: Krauss. — Endem.¹

1388. *A. confinis*. Thallus macula pallescenti-ochracea effusa tenuissima indicatus vel vix ullus. Apothecia nigra irregulariter oblonga vel maculiformia innata cæsiopruinosa. Sporæ octonæ in ascis pyriformibus late ellipticæ incolores muriformes septis transversalibus 5nis et adhuc septis verticalibus 2-3nis in quavis serie, longit. 0,015-18, crassit. 0,007-9 mm. Gelatina hymenea iodo infuscata. — Super corticem *Lycii* in Aegypto: Schweinfurth. — Endem.

1389. *A. argentea*. Thallus macula alba nitente effusa indicatus. Apothecia nigra minuta sessilia irregularia punctiformia vel elongata. Sporæ in thecis pyriformibus octonæ

¹ *A. melanopis* Strt. Add. p. 219 „forte affinis *A. Huegelii*“ ex Africa meridionali ulterius observanda.

(Arthonia)

elongato-ellipticæ 3-5-septatæ, additis septis verticalibus binis vel ternis, longit. 0,014-18, crassit. 0,006-7 mm. — Corticicola in Monte Tabulari: Wilms. — Endem.

1390. A. macrotheca Fée Suppl. p. 42, Nyl. Nov.-Granat. Ed. II p. 104. — In Madagascaria centrali: Hildebrandt. — Amer. æquinoct.

1391. A. bessalis Nyl. Andam. p. 15. — Corticicola in insula Sancti Thomæ 500 m: Moller. — Inss. Andam.

1392. A. fusconigra Nyl. Exot. p. 245 et Nov.-Zel. p. 120. — Corticicola in Promontorio Bonæ Spei. — Tahiti, Nov.-Zel., Brasil.

1393. A. consanguinea (Müll. in Flora 1888 p. 207). — Corticicola in Monte Tabulari ad Promontorium Bonæ Spei: Wilms. — Endem.

1394. A. emersa (Müll. Diagn. Soc. p. 13). — Truncicola in insula Socotra: Balfour. — Endem.

1395. A. obvelata (Müll. in Flora 1887 p. 76). — Corticicola prope Lydenburg in Transvaalia: Wilms. — Paraguay, Montevideo.

1396. A. Capensis. Parasita athallina, apothecia nigra rotunda convexa immarginata scabra nigrocæsia opaca diam. ad 0,5 mm. Sporæ octonæ in thecis subglobosis incolores oblongæ septis 5nis transversalibus additis 1-2nis verticalibus, longit. 0,018, crassit. 0,008 mm. Thecæ iodo fulvescentes, sporæ aureofusæ. — Super thallum *Lecideæ callainæ* in Monte Leonis prope Kapstadt: MacOwan. — Endem.

1397. A. Beccariana (Bagl. Abyss. p. 252) cum ff. **leprosa** et **opegraphoide** ibid. — Corticicolæ prope Keren Abyssiniæ: Beccari. — Endem. — Thallus K+ ferruginascens, thecæ subglobosæ, sporæ ellipticæ vel ovoideæ murales longit. 0,022-25, crassit. 0,010 mm.

1398. A. albida (Müll. l. c.) Lojka Lichenoth. univ. 243. — Corticicola prope Lydenburg in Transvaalia: Wilms. — Endem.

1399. A. xylographoides Müll. Egypt. Suppl. p. 7. — Supra ligna fabrefacta prope El Arisch: Barbey. — Endem.

1400. A. picila (Mass. in Krmplh. Amboin. p. 867) Willey Arth. p. 57. — Corticicola in Africa (t. Willey). — Amboina.

1401. A. aurantiaca (Müll. in Flora 1890 p. 345). — Corticicola in Africa tropico-orientali: Hannington. — Endem.¹

1402. Melaspilea arthonioides (Fée Ess. p. 107, Suppl. p. 103) Nyl. Prodr. p. 170. — Supra corticem *Fraxini* prope Philippeville Algeriæ: Durieu. — Europ., Amer. utraque.

1403. M. stigmatea Müll. Diagn. Socot. p. 11. — Supra thallum *Dirinæ repandæ* in insula Socotra: Balfour. — Endem.

1404. M. gemella (Eschw. Bras. p. 88) Nyl. Nov.-Gran. p. 576 et Japon. p. 88. — Super corticem arboris e *Malvacearum* familia prope Durban in Natalia: Wilms. — Asia orient., Bahia, Carolina bor.

1405. M. cicatrisans (Ach. Syn. p. 78) Müll. Graph. Féean. p. 22. — Corticicola in Guinea. — Endem.

1406. M. hypoleuca Müll. (Egypt. Suppl. p. 7) Graph. Féean. p. 21. — Corticicola ad Marabut in oasi ægyptiaca Katiyeh: Barbey. — Endem.

1407. Schizographa attenuata (DR.-Lév. Alger. t. 29 f. 7) Nyl. En. p. 134. — Supra lignum *Ericæ arboreæ* prope La Calle in Algeria: Durieu. — Corsica.

1408. Chiodecton minutulum Müll. in Flora 1890 p. 345. — Corticicola in Africa tropico-orientali: Hannington. — Endem.

¹ *Arthonia hormidiellæ* Strt. Add. p. 219 (corticicolæ ex Africa meridionali) affinitas adhuc dubia.

(Chiodecton)

1409. Ch. perplexum Nyl. Nov.-Gran. Ed. II p. 109. — Supra ramulos *Spondias* prope Landana: Pechuel-Loesche et ad Wadi Kischen in insula Socotra: Schweinfurth. — Amer. calid.

1410. Ch. circumscissum Müll. Diagn. Soc. p. 14. — Corticicola in insula Socotra: Balfour. — Endem.

1411. Ch. candidum Müll. Egypt. Suppl. p. 8. — Callicola prope Alexandriam: Ascherson. — Endem.

1412. Ch. Socotranum Müll. Diagn. Soc. p. 15. — Callicola in insula Socotra: Balfour. — Endem.

1413. Ch. nigrocinctum (Ehrnb. Hor. phys. p. 85) Mnt. Syll. p. 356. — Supra terram humosam radicibus filicum intertextam in insula Borbonia: Lepervanche. — Tonkin, Guyan. gall.

1414. Ch. nanum Müll. l. c. p. 14. — Supra ramos *Draecænæ* in insula Socotra: Schweinfurth. — Endem.

1415. Ch. Natalense Nyl. Nat. p. 13. — Corticicola in Port Natal: Armstrong-Mackenzie. — Endem.

1416. Ch. rubrocinctum (Ehrnb. l. c. p. 84) Nyl. Nov.-Granat. Ed. II p. 110. — Corticicola in planitie secus flumen Quillu: Pechuel-Loesche et in insula Sancti Thomæ 1200 m: Moller. — Amer. utraque.

1417. Ch. confusum Nyl. Andam. p. 14 nota. — Corticicola in insula Sancti Mauritii. — Endem.

1418. Ch. sphærale Ach. Syn. p. 108. — Corticicola in insula Sancti Thomæ 1300—2100 m: Moller. — Zeylan., Java, New South Wales, Amer. austr.

1419. Glyphis confluens (Znk. in Goeb. pharm. Waarenk. I p. 163) Mnt. Ann. Sc. nat. 2, XIX p. 81. — Corticicola in Port Natal: Armstrong-Mackenzie et in insula Madagascar: Hildebrandt. — Zeylan., Amer. austral.

1420. *G. tricosula* Nyl. in Cromb. Rodr. p. 444. — Supra epidermidem tenuem corticum in insula Rodriguesii: Balfour. — Endem.

1421. *G. cicatricosa* Ach. Syn. p. 107. — Corticicola in Guinea et in insula Borbonia. — Asia orient., Polyn., Amer. austr. — Var. ***favulosa*** (Ach. l. c.) Nyl. Nov.-Granat. Ed. II p. 108. — Ramulicola in monte Kilimandscharo: Meyer, prope Durban: Wilms et in insula Rodriguesii: Balfour. — Lusit., Asia orient., Antill., Amer. austr.

1422. *G. mendax* Müll. in Flora 1885 p. 514. — Ramulicola in Madagascaria centrali: Hildebrandt. — Endem.

1423. *G. labyrinthica* Ach. l. c. — Corticicola in Guinea (Ach. l. c.) et in insula Sancti Thomæ 500 m: Moller. — Hibern., Asia orient., Amer. trop.

1424. *Cora pavonia* (Web. in Web.-Mohr Beitr. I p. 236) Fr. Epicr. p. 556. — Supra cortices arborum et inter muscos supra saxa in insulis Sancti Mauritii: Sieber et Sanctæ Helenæ: v. Siebold, Burchell, Melliss. — Tahiti, Amer. central. et austr.

1425. *Dichonema sericeum* (Sw. Fl. Ind. occ. 3 p. 1928) Mnt. in Bél. Voy. Ind. Or. Crypt. p. 155. — Supra muscos in insulis Borbonia et Madera. — Anglia (teste Bornet), Ind. or., Polyn., Amer. trop.

1426. *Normandina pulchella* (Borr. E. B. t. 2602 f. 1) Nyl. Antill. p. 22. — Inter muscos socia *Stictinæ crocatæ* et *Pannariæ rubiginosæ* in Monte Tabulari: Eaton, MacOwan; supra *Physciam* vetustam et *Jungermannias* in Port Natal: Armstrong-Mackenzie; super ligna putrescentia socia *Lecanoræ chlaronæ* in Abyssinia: Schimper; inter lobos thalli *Parmeliarum* in ramis supra Wadi Kischen 1000 m: Schweinfurth. — Europ., Asia, Nov.-Zel., Amer. utraque.

(Endocarpon)

1427. *Endocarpon miniatum* (L. Spec. p. 1617) Ach. Meth. p. 127. — Supra saxa in Abyssinia, in Africa boreali et in insula Madera: Fritze. — Europ., Turcoman., Amer. sept. — Var. **complicatum** (Sw. N. Act. Ups. V, 4 p. 250) Schaer. Spic. p. 59. — Saxicola prope Batna Saharæ: Norrlin. — Europ.

1428. *E. fluviatile* (Web. Spic. p. 265) DC. Fl. Fr. 2 p. 413. Sporæ utrinque obtusæ longit. 0,014-27, crassit. 0,006-8 mm. Spermatia longit. 0,005, crassit. 0,0005 mm. Gelatina hymenea iodo vinose rubescens. — Supra saxa irrigua in insula Madera: Fritze. — Europ., Nov.-Zel., Amer. sept.

1429. *E. corniculatum* Nyl. En. p. 135. — In monte abyssinico Dedschen 4200 m in foveis rupium non affixum: Schimper. — Endem.

1430. *E. Mühlenbergii* Ach. Syn. p. 101. — In monte maroccano Revaia 2500—3500 m: Hooker. — Amer. sept., Cuba. — F. **solstitiale** (Hochst.) Nyl. Pyrenoc. p. 12. — In montibus Abyssiniæ. — Endem.

1431. *E. æquinotiale* Hochst. apud Fw. in Linn. 1843 p. 16. — In monte Silke Abyssiniæ supra saxa in rivis regionis mediæ necnon in ejusdem cacumine supra rupium parietes madidas: Schimper. — Endem.

1432. *E. rufescens* Ach. L. U. p. 304. — Locis apricis supra muscos et saxa in Algeria, in monte Sinai: Ehrenberg et in insula Madera: Fritze. — Europ., Nov.-Zeland., Amer. sept.

1433. *E. hepaticum* Ach. l. c. p. 298. — Supra terram in Aegypto submediterranea: Ehrenberg, Barbey et in deserto Wadi Aschar: Schweinfurth, in Sahara: Norrlin¹,

¹ In squamulis *E. hepatici* e Sahara adest parasita *Sphaeria perigena* Nyl. in Flora 1878 p. 341.

in Promontorio Bonæ Spei (*Endoc. capense* in Hb. Krmplh.): Zeyher, Eaton. — Europ., Palæst., Nov.-Zel., Amer. sept., Fret. Bering., Argentin. — Var. **lachneum** (Ach. Prodr. p. 140) Nyl. Lapp. p. 188. — Supra terram arenariam prope El Kantara in Sahara: Norrlin. — Europ., Swan River in Austral. austro-occident.

1434. E. ægyptiacum (Müll. Egypt. p. 20 et Suppl. p. 8). — Callicola in desertis Wadi Cherese, Wadi Na-umieh superiore et in Wadi Nehie Aegypti: Schweinfurth. — Endem.

1435. E. Schaereri (Fr. L. E. p. 106) Nyl. in Stzb. L. H. No. 1132. — Supra saxa calcaria in Azeba prope Milah Algeriæ 600 m: Flagey. — Europ.

1436. E. imbricatum Nyl. Coll. Gall. mer. Pyr. p. 12. — Supra saxa calcaria prope Constantine in Algeria: Balansa. — Gall. merid.

1437. E. contumescens Nyl. in Flora 1878 p. 341. — Supra saxa arenaria, calcaria et terram arenosam prope Biskra in Sahara: Norrlin. — Endem.

1438. E. pallidum Ach. l. c. p. 301, Nyl. in Hue Add. No. 1664. — Supra terram in Abyssinia, Algeria et in Sahara. — Suecia, Nov.-Zel., Amer. sept., Boliv.

1439. E. rufopallens Nyl. in Flora 1878 p. 343. — Supra terram arenosam ad Constantine Algeriæ: Balansa et ad El Kantara in Sahara: Norrlin. — Endem.

1440. E. compactum (Mass. Misc. p. 32) Nyl. Pyrenoc. p. 16 f. **olivaceum**. Thallus olivaceo-nigricans. Sporæ longit. 0,014-15, crassit. 0,006-8 mm. — Supra saxa calcaria in Azeba prope Constantine Algeriæ: Flagey. — Endem.

1441. E. tenellum Nyl. Alger. p. 339. — Supra terram sabulosam prope Oran: Balansa. — Endem.

(Endocarpon)

1442. E. peltatum Tayl. in Hook. Journ. Bot. 1847 p. 155. — Supra terram prope Uitenhage, Zwartkop River in Promontorio Bonæ Spei. — Endem.

1443. E. Ægyptorum. Syn. *Anapyrenium ægyptiacum* Müll. Egypt. p. 20. — In summo Dschebel Cheschen inter Cahiram et Suez: Schweinfurth. — Endem.

1444. E. subcrustosum (Nyl. l. c. p. 340, Prodr. p. 178), Syn. *Sagedia lugubris* Mnt. Syll. p. 360. — Supra saxa ad Constantine Algeriæ: Balansa, Flagey, in insulis Canariis: Bourget, Bourgeau. — Endem.

1445. E. attenuatum. Syn. *Paracarpidium tenellum* Müll. Pyrenoc. Cub. p. 378. — Prope Mombossa in territorio Sansibar: Hildebrandt. — Cuba.

1446. E. perumbratum Nyl. (in Flora 1878 p. 343) in Hue Add. No. 1662. — Supra terram arenosam prope El Kantara Saharæ: Norrlin. — Endem.

1447. E. Garovaglii (Mnt. l. c. p. 367) Nyl. in Hue Add. No. 1665. — Super terram in Algeria et ad Cungulungalo in Angola 750 m: Welwitsch. — Europ.

1448. Verrucaria clopima Whlbn. in Ach. Meth. Suppl. p. 20, Nyl. Scand. p. 229. — Saxicola prope Muizenberg ad Promontorium Bonæ Spei: MacOwan. — Europ., Amer. sept.

1449. V. extabescens Nyl. in Flora 1878 p. 344. — Supra saxa calcaria prope El Kantara Saharæ: Norrlin. — Endem.

1450. V. ventosa Mass. Hb., Stzb. L. H. No. 1155. — Supra saxa calcaria prope Constantine in Algeria: Flagey. — Europ.

1451. V. fuscula Nyl. Coll. Gall. m. Pyr. p. 12 et Prodr. p. 180, *V. areolata* id. Alger. p. 340 non Ach. — Supra saxa calcaria prope Constantine in Algeria; supra terram arenosam prope El Kantara Saharæ: Norrlin. — Europ. merid.

1452. *V. scotinopsara* Nyl. Aeg. p. 8. — Supra lapides calcarios in Hodna Algeriæ: Letourneux. — Endem.

1453. *V. spodopsara* Nyl. l. c. — Supra lapides calcarios in Hodna Algeriæ: Letourneux. — Endem.

1454. *V. amphibola* Nyl. Alger. p. 340. — Supra saxa calcaria prope Constantine Algeriæ: Balansa. — Gall. merid.

1455. **V. lecideoides* (Mass. Ric. p. 157) Hepp Fl. E. 682. — Supra saxa calcaria prope Constantine: Flagey. — Europ.

1456. *V. nigrescens* Pers. in Ust. N. Ann. VIII p. 36, Syn. *V. conspurcans* DR.-Mnt. Alg. p. 291. — Supra lapides calcarios in Africa boreali. — Europ., Amer. sept. — Var. **acrotella** (Ach. Meth. p. 123). — Supra lapidulos in cacumine montis maroccani Ben Avuda: Brun. — Europ.

1457. *V. erodens* Müll. in Flora 1888 p. 208. — Supra saxa (non calcaria) prope Lydenburg in Transvaalia: Wilms. — Endem.

1458. *V. virens* Nyl. in Bot. Not. 1853 p. 180 et Pyrenoc. p. 24 var. **obfuscans** Nyl. Luxb. p. 370. — Saxicola prope Constantine: Flagey. — Paris.

1459. *V. maura* Whlbn. in Ach. Meth. Suppl. p. 19. — Saxicola in Algeria: Durieu. — Europ., Ind. orient., Japon., Fret. Bering., Amer. sept. et australissima.

1460. *V. rupestris* Schrad. Spic. p. 109. — Supra saxa calcaria et arenaria in Algeria et in Sahara. — Europ., Amer. sept. — Var. **alocizoides** Müll. Diagn. Soc. p. 15. — Callicola in insula Socotra: Balfour. — Endem.

1461. *V. calciseda* DC. Fl. Fr. 2 p. 318. — Supra saxa prope Keren in Abyssinia: Beccari (adhuc dubia!). — Europ., Cuba. — Varr. **calcivora** Mass. Hb., Anzi It. sup. 375, Arn. Jura 312 et **crassa** Mass. Ric. p. 174, Anzi Venet. 135, Arn.

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Jura 197. — Supra saxa calcaria prope Constantine: Flagey.
— Europ.

1462. V. Hochstetteri Fr. L. E. p. 435. — Supra saxa calcaria prope Constantine in Algeria: Flagey. — Europ.

1463. V. oblecta Müll. Egypt. Suppl. p. 9. — Callicola in Aegypto submediterranea: Barbey, prope Alexandriam: Ascherson. — Endem.

1464. V. congregabilis. Thallus pallide ochraceus rimoso-areolatus, areolis planis opacis pulverulentis. Apothecia crebra emersa perithecio dimidiatim nigro, ostiolis minutissimis, opaca diam. ad 0,5 mm. Sporae elongato-ellipticae simplices rarissime 1-septatae intus granulosa longit. 0,018-25, crassit. 0,007-9 mm. — Affinis *V. congregata* Hepp apud Arn. in Flora 1858 p. 538, sed ab ea ipso thallo areolato discrepat. — Supra saxa calcaria in Azeba prope Constantine Algeriae: Flagey. — Endem.

1465. V. glaucina Ach. L. U. p. 675 et Syn. p. 94, Nyl. in Flora 1881 p. 189. — Saxicola prope Oran et Constantine in Algeria. — Europ.

1466. V. viridula (Schrader. Spic. p. 192) Ach. L. U. p. 675. — Saxicola prope Oran et Constantine: Balansa, Flagey. — Europ., Japon., Amer. sept. — Var. **psilothallina.** Thallus depauperatus tenuissimus granulato-pulverulentus. — Supra saxa arenacea in Algeria: Flagey. — Endem.

1467. V. deterosa (Krmplh. Bay. p. 234). Sporae ovales longit. 0,030, crassit. 0,018 mm. — Supra saxa calcaria prope Constantine: Flagey. — Bavar.

1468. V. macrostoma Duf. in DC. Fl. Fr. 2 p. 319. — Callicola prope Constantine in Algeria: Flagey. — Europ. — Var. **controversa** (Mass. Mem. p. 142). — Saxicola prope Constantine: Flagey. — Europ. — F. **haemorrhanta.** Thallus

sanguineo-ater. — Calcicola prope Constantine: Flagey. — Endem.

1469. V. margacea Whlnb. (in Ach. Meth. Suppl. p. 30) Lapp. p. 465, Nyl. Scand. p. 272. — Saxicola in Abyssinia. — Europ., Asia arct., Amer. sept.

1470. V. integra Nyl. (Prodr. p. 183) Scand. p. 276. — Calcicola prope Alexandriam: Ascherson et ad Mansurah prope Constantine: Flagey. — Europ., Spitsb. — **F. limitans** Nyl. Aeg. p. 7. — Supra lapides Pyramidis Gizehensis primæ: Ehrenberg. — Endem. — Var. **dolomitica** (Mass. Geneac. p. 22 et Symm. p. 80) Nyl. in Hb. Lojka. — Supra saxa calcaria prope Constantine: Flagey. — Europ.

1471. *V. mortarii Arn. in Hb. Lamy, Nyl. in Flora 1878 p. 344. — Supra lapides ad El Kantara Saharæ: Norrlin. — Europ.

1472. V. Sprucei (Leight. Angioc. t. 23 f. 4—6, Nyl. Scand. p. 273) Nyl. in Flora 1881 p. 536. — Saxicola in Abyssinia. — Europ.

1473. V. terrestris Fr. fil. Arct. p. 265 f. **orientalis**. Sporæ elongato-ellipticæ murales nigrofuscæ longit. 0,035-50, crassit. 0,014-20 mm. — Supra terram prope Keren in Abyssinia septentrionali: Beccari. — Endem.

1474. V. dermatodes Mass. Hb., Syn. *Polyblastia dermatodes*. id. Symm. p. 101. — Saxicola prope Constantine: Flagey. — Europ.

1475. V. alba (Müll. in Flora 1886 p. 318). — Corticicola prope Lydenburg in Transvaalia: Wilms (Lichenoth. univ. 99). — Endem.

1476. V. Transvaalensis (Müll. l. c. 1887 p. 79). — Corticicola prope Lydenburg in Transvaalia: Wilms. — Endem.

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1477. V. Mülleri. Syn. *Polyblastia tropica* Müll. Diagn. Socot. p. 15 non *Verrucaria tropica* Ach. Syn. 91. — Ramulicola in insula Socotra: Balfour. — Endem.

1478. V. prominens Müll. l. c. — Graniticola in insula Socotra: Balfour. — Endem.

1479. V. chlorotica (Ach. L. U. p. 283) Nyl. Pyrenoc. p. 36. — Saxicola in insula Rodriguesii: Balfour. — Europ., Japon., Polynes., Fret. Bering., Amer.

1480. V. eury sperma. Thallus nigrofuscus subdeterminatus tenuis. Apothecia mediocria nigra nitida emersa hemisphærica poro vix perspicuo, diam. circa 0,3 mm. Sporæ in thecis lanceolatis, paraphysibus non bene discretis obvallatis, octonæ fusiformes incolores 4-9-septatæ longit. 0,035-50, crassit. 0,005-7 mm. Gelatina hymenea iodo pallide vinose fulvescens. — Super saxa quartzosa socia *Lecanoræ ferrugineæ* (saxicolæ) prope Muizenberg ad Promontorium Bonæ Spei: MacOwan. — Endem.

1481. V. immergens Nyl. in Flora 1872 p. 363. — Saxicola ad Oran in Algeria: Balansa. — Gallia occid.

1482. V. Aschersonii (Müll. Egypt. Suppl. p. 9). — Calcicola prope Alexandriam: Ascherson. — Endem.

1483. V. leptalea (DR.-Mnt. Alg. p. 268) Nyl. in Stzb. L. H. No. 1265. — Supra caules vetustos *Rusci hypoglossi* in Algeria: Durieu. — Europ.

1484. V. nuculastrum (Müll. in Flora 1884 p. 618). — Corticicola in insula Madagascariana Nossi-be: Hildebrandt. — Endem.

1485. V. locuples. Thallus cinereo-albidus effusus tenuissimus lævis vel pulverulentus. Apothecia nigra opaca sparsa sessilia hemisphærica vel subglobosa, in vertice simpliciter minute porosa, subtus a thallo cincta diam. 0,3-6 mm. Perithecium integrum. Paraphyses capillares. Sporæ octonæ elon-

gato-ellipsoideæ vel elongato-ovoideæ murales incolores longit. 0,025-45, crassit. 0,010-14 mm. — Super corticem arboris e *Malvacearum* familia prope Durban: Wilms. — Endem.

1486. V. quartzicola. Syn. *Microglæna saxicola* Müll. Diagn. Soc. p. 15 non *Arthopyrenia saxicola* Mass. Symm. p. 107. — Quartzicola supra Wadi Kischen in insula Socotra 650 m: Schweinfurth. — Endem.

1487. V. albolinita Nyl. Ins. Guin. p. 38. — Saxicola in insula Principis: Quintas. — Endem.

1488. V. viridata Nyl. l. c. — Saxicola in insula Principis socia *Lecanoræ albidopallentis*: Quintas. — Endem.

1489. V. gemmata Ach. l. c. p. 287.¹ — Supra cortices in Algeria et in insula Borbonia. — Europ., Amer. sept., Brasil.

1490. *V. conoidea Fr. L. E. p. 432. — Supra saxa calcaria in Algeria. — Europ.

1491. V. consobrina Nyl. in Flora 1867 p. 196 et Syn. Nov.-Cal. p. 92. — In insula Sancti Mauritii. — Inss. Philipp., Nov.-Caled.

1492. V. alboatra Krmplh. Hb., Nyl. in Flora 1867 p. 8 var. **recepta** (Müll. ib. 1883 p. 306). Sporæ 1-septatæ medio non constrictæ, altero loculo acutatae, longit. 0,016-20, crassit. 0,005-6 mm, triplo ad quadruplum longiores quam crassæ. — Super cortices emortuos et semiputridos *Pulmarum* secus flumen Quillu in Africa occidentali: Pechuel-Loesche et prope Durban in Africa australi: Wilms. — Endem.

1493. V. tecta. Syn. *Sagedia obtecta* Müll. Afr. p. 42 et in Flora 1883 p. 318. — Super corticem arborum secus flumen Quillu: Pechuel-Loesche. — Endem.

¹ Affinis ei videtur *Verrucaria leucanthes* Strt. Add. p. 220; corticicola in Africa australi.

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1494. V. distermina Nyl. Ins. Guin. p. 37. — Saxicola in insula Principis: Quintas. — Endem.

1495. V. mastoidea (Ach. Syn. p. 122 p.p.) Nyl. Pyrenoc. p. 38. — Super *Coffeæ* corticem in insula Sancti Thomæ: Newton. — Zeylan., Asia orient., Nov.-Caled., Amer. calidior.

1496. V. interstes Nyl. Syn. Nov.-Cal. p. 84, Syn. *Pyrenula mastoidea* Ach. l. c. p. p. — Corticicola in Sierra Leone: Afzelius (teste Müll. Pyrenoc. Cub. p. 400). — Inss. Andam., Nov.-Caled.

1497. V. innata Nyl. in Hb. Thur. et Pyrenoc. p. 39. — Corticicola in sylvis insulæ Borboniæ: Lepervanche. — Zeylan.

1498. V. desquamescens (Fée Suppl. p. 75) Nyl. l. c. — Corticicola secus flumen Quillu: Pechuel-Loesche et prope Pungo Andongo in Angola: Soyaux. — Zeylan., Austral., Polyn., Amer. austral. trop.

1499. V. Africana (Müll. Afr. p. 41). — Corticicola in depressione secus flumen Quillu: Pechuel-Loesche. — Endem.

1500. U. globosa Tayl. apud Nyl. in Flora 1883 p. 534, Nyl. Ins. Guin. p. 38. — Saxicola cum *Physcia picta* in insula Principis: Quintas. — Hibern.

1501. V. astuta Nyl. l. c. p. 37. — Saxicola in insula Principis: Quintas. — Endem.

1502. V. Tetraceræ Afz. in Ach. Meth. p. 121, Nyl. Nat. p. 14. — Supra corticem *Tetraceræ potatoricæ* in Guinea: Afzelius et in Port Natal: Armstrong-Mackenzie. — Amer. calidior.

1503. V. dissipans Nyl. in Flora 1866 p. 294. — Corticicola in Port Natal: Armstrong-Mackenzie. — Cuba.

1504. V. ferruginosa (Müll. in Flora 1886 p. 317). — Corticicola prope Lydenburg in Transvaalia: Wilms (Lichenoth. univ. 98). — Endem.

1505. *V. epiphylla* (Fée Suppl. p. 76) Nyl. Pyrenoc. p. 38. — Supra folia in insula Madagascar. — Asia orient., Amer. calidior. (Cfr. Müll. in Flora 1883 p. 332.)

1506. *V. præstans* Nyl. Ang. p. 15. — Super folia *Draecenæ* in Angola: Welwitsch. — Inss. Andam., Nov.-Guin., Brasil.

1507. *V. argillacea* (Müll. Afr. p. 42). — Corticicola secus flumen Quillu: Pechuel-Loesche. — Endem.

1508. *V. nucula* (Ach. Syn. p. 112) Nyl. Pyrenoc. p. 40. — Corticicola in Guinea et in insula Sancti Thomæ: Moller. — Nov.-Caled., Amer. calidior.

1509. *V. paupercula* (Müll. Egypt. p. 21). — Calcicola in deserto Wadi Cherese: Schweinfurth. — Endem.

1510. *V. vaga* Nyl. l. c. p. 55. — Supra ramos denudatos in insula Mayotte prope Madagascar: Boivin. — Nov.-Caled.

1511. *V. planipes* (Müll. in Flora 1890 p. 345). — Corticicola in Africa tropico-orientali: Hannington. — Endem.

1512. *V. albidoatra* Nyl. in Flora 1886 p. 178. — Corticicola in insula Sancti Thomæ: Moller. — Endem.

1513. *V. pyrenuloides* (Mnt. in Ann. sc. nat. 2, XIX p. 69) Nyl. Pyrenoc. p. 44 et Nat. p. 14. — Corticicola in Port Natal: Armstrong-Mackenzie et in insulis Sancti Thomæ: Moller et Madagascar. — Polyn., Antill., Amer. austr.

1514. *V. libricola* (Fée l. c. p. 82) Nyl. Syn. Nov.-Caled. p. 87. — Corticicola secus flumen Quillu: Pechuel-Loesche et in insula Socotra: Schweinfurth. — Asia trop., Polyn., Amer. trop.

1515. *V. cinerosa* (Ach. l. c. p. 122). — Corticicola in Guinea. — Endem.

1516. *V. denudata* Nyl. Pyrenoc. p. 49. — Corticicola

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in insulis Madagascar, Borbonia et Rodriguesii. — Asia orient., Nov.-Caled.

1517. V. variolosa (Pers. in Gaud. Uran. p. 181) Mnt. Cub. p. 146. — In terris tropicis Africae ad cortices, etiam prope Maritzburg in Natalia: Rehmann et prope Durban: Wilms. — Zeylan., inss. Marian., Cuba, Brasil.

1518. V. lugescens Nyl. in Flora 1886 p. 177. — Corticicola in insula Sancti Thomæ 1200 m: Moller. — Endem.

1519. V. euthelia Nyl. l. c. — Corticicola in insula Sancti Thomæ 900 m: Moller. — Endem.

1520. V. borbonica Nyl. Pyrenoc. p. 42. — Corticicola in insulis Borbonia: Lepervanche et Madagascar: Pervillé. — Zeylan.

1521. V. Guineensis Nyl. Ins. Guin. p. 36. — Corticicola ad litora maris insulae Principis: Quintas. — Endem.

1522. V. mamillana Afz. in Ach. Meth. p. 120, Nyl. Exot. p. 261. — Corticicola in Sierra Leone: Afzelius et in insulis Sancti Thomæ 2100 m: Moller, Borbonia: Lepervanche et Madagascar. — Japon., Asia tropic., Amer. calidior.

1523. V. Santensis Tuck. in lit., Nyl. Pyrenoc. p. 45. — Corticicola in monte Boschberg: MacOwan. — Asia orient., inss. Fidschi, Nov.-Zel., Amer. calidior.

1524. V. minutula (Müll. l. c. 1884 p. 618). — Corticicola in Madagascaria centrali: Hildebrandt. — Endem.

1525. V. sexlocularis Nyl. Nov.-Granat. Ed. II p. 118 nota et Syn. Nov.-Caled. p. 87. — In insula Borbonia: Bory. — Asia trop., Nov.-Caled.

1526. V. Wilmsiana (Müll. l. c. 1887 p. 79). — Corticicola prope Lydenburg in Transvaalia: Wilms. — Endem.

1527. V. aspistea Afz. in Ach. l. c. p. 121, Nyl. Nov.-Granat. Ed. II p. 118. — Corticicola in Port Natal: Arm-

strong-Mackenzie et in Guinea: Afzelius. — Asia trop., Nov.-Zel., Antill., Nov.-Granat.

1528. *V. parvula* (Müll. Pyrenoc. Cub. p. 413). — Prope Tschamtei in territorio Sansibar: Hildebrandt. — Cuba.

1529. *V. subducta* Nyl. l. c. p. 116. — Corticicola in Port Natal: Armstrong-Mackenzie. — Antill., Nov.-Granat., Argentin.

1530. *V. pinguis* Fée Ess. p. 75. Syn. *V. punctella* Nyl. Pyrenoc. p. 46. — Corticicola in Schoa: Antinori. — Carolina, Amer. æquin., Argentin.

1531. *V. nitida* Schrad. Journ. 1801, I p. 79. — Supra cortices lævigatos in Algeria, Port Natal: Armstrong-Mackenzie et in insulis Borbonia, Sancti Thomæ: Moller et Gorgoneis: Bolle. — Europ., Asia, Polynes., Nov.-Zel., Amer. utraque. — Var. ***nitidella*** (Flk. D. L. 10) Nyl. Scand. p. 279. — Corticicola in Guinea, Transvaalia: Wilms et in insula Borbonia. — Europ., Zeylan., Nov.-Caled., Amer. utraque.

1532. *V. obscurata* (Müll. Diagn. Soc. p. 15). — Corticicola in insula Socotra: Balfour. — Endem.

1533. *V. glabrata* Ach. Syn. p. 91. — Corticicola in insula Sancti Thomæ 1800 m: Moller. — Europ., Asia orient., Nov.-Caled., Nov.-Zel., Amer. sept., Brasil.

1534. *V. glabriuscula* Nyl. in Flora 1886 p. 177. — Corticicola in insula Sancti Thomæ 1500—2100 m: Moller. — Endem.

1535. *V. heteroclita* (Ach. l. c. p. 127). — Corticicola in Guinea (Ach. Hb.). — Endem.

1536. *V. virescens* (Müll. in Flora 1885 p. 516). — Ramulicola in Madagascaria centrali: Hildebrandt. — Endem.

1537. *V. mastophorizans* (Müll. l. c. p. 515). — Ramulicola ad Tschamtei in Duruma: Hildebrandt. — Endem.

1538. *V. infossa* Nyl. l. c. p. 178. — Corticicola in insula Sancti Thomæ 1290 m: Moller. — Endem.

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1539. V. papulosa Nyl. Nov.-Granat. Suppl. p. 577. — Super corticem arboris e familia *Malvacearum* prope Durban in Natalia: Wilms. — Nov.-Granat.

1540. V. tropica Ach. L. U. p. 278, Nyl. Pyrenoc. p. 57. — Corticicola ad flumen Kongo: Ledien et in insula Sancti Thomæ 750 m: Moller. — Asia et Amer. calidior.

1541. V. pupula (Ach. Syn. p. 123) Nyl. Nov.-Granat. Add. p. 577. Syn. *Pyrenula trypanea* Ach. l. c. p. 119 censente Müll. in Flora 1885 p. 338. — Supra corticem arborum in Guinea (Ach. Hb.). — Zeylan., Java, Guyan. gall., Nov.-Granat.

1542. V. trunculus. Thallus olivaceo-isabellinus nitens crassiusculus glaber linea nigra limitatus intus albus. Apothecia crebra acervata nigrofusca integra subglobulari-truncatula ad 0,5 mm lata superne mamillata, mamillis annulo cinereo ornatis tandem depressis et secedentibus. Sporæ octonæ incolores oblongæ 4-loculares oculis ellipticis, longit. 0,024-30, crassit. 0,005-7 mm. Sporis minoribus elongato-ellipticis a *V. pupula* differt. — Ramulicola prope Banana ad flumen Kongo: Paul Hesse. — Endem.

1543. V. conica (Müll. Afr. p. 43). — Corticicola secus flumen Quillu: Soyaux. — Endem.

1544. V. albella (Müll. in Flora 1887 p. 78). — Ramulicola prope Banana ad ostium fluminis Kongo: Paul Hesse et prope Lydenburg in Transvaalia: Wilms. — Endem.

1545. V. Cinchonæ Ach. l. c. p. 90, Nyl. Nov.-Granat. Ed. II p. 122 nota 2. — Corticicola in Promontorio Bonæ Spei: Drège et in Transvaalia: Wilms. — Texas, Amer. calidior. — Var. **fumidula.** Sporæ (longit. 0,026-38, crassit. 0,008-12 mm) quam in typo majores et nonnihil fuligineæ. — Corticicola in Monte Tabulari: MacOwan. — Endem.

1546. *V. epidermidis* Ach. (Prodr. p. 16 p. p.) Meth. p. 118. — Supra cortices glabros in Algeria. — Europ., Japon.

1547. *V. fallax* Nyl. in (Bot. Not. 1852 p. 178) Lamy Cat. p. 165. — Supra corticem lævigatum arborum in Algeria et in Monte Tabulari: Wilms. — Europ., New South Wales, Fret. Bering.

1548. *V. pyrenastrella* Nyl. (Pyrenoc. p. 59) in Flora 1877 p. 231. — Corticicola prope Constantine: Flagey. — Europ.

1549. *V. pluriseptata* Nyl. in Hb. Lenorm. et in Flora 1881 p. 540. — Supra cortices lævigatos prope Constantine: Flagey. — Europ.

1550. *V. quinqueseptatula* Nyl. in Cromb. Rodr. p. 444. — Supra epidermidem tenuem arborum in insula Rodriguesii: Balfour. — Endem.

1551. *V. simulans* (Müll. l. c. p. 79). — Corticicola prope Lydenburg in Transvaalia: Wilms. — Endem.

1552. *V. Pharaonis* (Müll. Egypt. p. 20). — Calcicola in deserto Wadi Na-umieh: Schweinfurth. — Endem.

1553. *V. micula* Fw. in lit. ad Krb., Nyl. in Norrl. Tavast. p. 195. — In Madagascaria centrali: Hildebrandt et in insula Socotra: Balfour. — Europ., Amer. sept., Paraguay.

1554. *V. conflua*. Syn. *Microthelia confluens* Müll. in Flora 1885 p. 333 non *V. confluens* Mass. — Corticicola in Promontorio Bonæ Spei. — Endem.

1555. *Parathelium trichosporum* (Müll. l. c. 1887 p. 78). — Corticicola prope Lydenburg in Transvaalia: Wilms. — Endem.

1556. *Strigula ciliata* Mnt. Cent. VI No. 19 et Syll. p. 376. — Super folia coriacea secus flumen Quillu: Pechuel-Loesche et in insula Sancti Mauritii. — Tahiti, Cuba.

(Strigula)

1557. *S. nemathora* Mnt. Cub. p. 143. — Supra folia coriacea ad Chinchoxo: Soyaux et in Senegambia. — Java, Nov.-Caled., Cuba.

1558. *S. hypothelia* Nyl. Ang. p. 15. — Supra folia in sylva primitiva Golungo alto 660—720 m: Welwitsch. — Endem.

1559. *S. elegans* (Fée Ess. pp. XCIV et C) Müll. Afr. p. 41. — Super folia coriacea secus flumen Quillu in Africa occidentali: Soyaux et in insula Sancti Mauritii: Du Petit-Thouars. — Cuba, Paraguay, Brasil. — Var. **tremula** Müll. in Flora 1885 p. 342. — Foliicola in insula Madagascariensi Nossi-be: Boivin. — Ind. orient.

1560. *S. viridissima* (Fée l. c. pp. XCIV et XCIX) Müll. Afr. p. 41. — Super folia coriacea secus flumen Quillu: Soyaux. — „Regnum Owariense“ (Fée ll. cc.), Brasil.

1561. *S. Féei* Mnt. l. c. p. 135. — Super folia coriacea secus flumen Quillu: Pechuel-Loesche. — Amboina, Cuba, Paraguay.

1562. *S. complanata* (Fée Ess. p. XCIV) Mnt. l. c. p. 140. — Super folia viva arborum in Promontorio Bonæ Spei: Gueinzus, MacOwan, super folia *Scutiae Commersonii* in Port Natal: Wood et in insula Sancti Thomæ: Moller, Newton. — Borneo, Nov.-Caled., Amer. sept. calidior et merid. — Var. **diplomorpha** Müll. in Flora 1885 p. 343, Arn. exs. 818. — Foliicola in Africæ centralis territorio Nyamnyam: Schweinfurth. — Endem.

1563. *S. virescens* (Kunze in Weig. Surin. exs. et apud Fr. Syst. myc. III, 2 p. 327). — Super folia *Theæ viridis* aliarumque plantarum in Natalia: Wood (Hb. Lojka).

1564. *S. (?) pallida* Klchbr. in Hb. Lojka. — Supra folia *Cynodontis Capensis* E. Mey. in Promontorio Bonæ Spei:

MacOwan. — Endem. — „Hymenium vetustate depravatum“ Nyl. in lit.

1565. Melanotheca Achariana Fée Suppl. p. 71. — Corticicola in Guinea. — Amer. calidior.

1566. M. ocullea. Thallus macula pallescente indicatus linea nigra limitatus. Apothecia confluentia glomerulos formantia oblongos vel subrotundos vel irregulares nigros plurio-
stiolatos, ostiolis nigris minutis in depressionibus orbiculatis albidis. Sporæ hyalinæ 1-septatæ longit. 0,014, crassit. 0,007 mm. — Super corticem arboris e *Malvacearum* familia prope Durban in Natalia: Wilms. — Endem.

1567. Trypethelium platystomum Mnt. Syll. p. 372. Syn. *T. anomalum* Ach. Syn. p. 105. — Supra corticem arborum in Guinea (Ach. Hb.). — Guyana, Brasil.

1568. *T. leucostomum Nyl. in Flora 1886 p. 178. — Corticicola in insula Sancti Thomæ 125—750 m: Moller. — Endem.

1569. T. subalbans Nyl. l. c. — Corticicola in insula Sancti Thomæ 1150 m: Moller. — Endem.

1570. T. mastoideum (Afz. in Ach. Meth. p. 111) Ach. L. U. p. 307. — Supra arborum corticem in Guinea: Afzelius. — Amer. sept. calidior et trop.

1571. T. papillosum Ach. Syn. p. 104, Nyl. Pyrenoc. p. 77 nota. — Supra corticem arborum in territorio Gabon Guineæ superioris. — Cuba, Guyana gall.

1572. T. Sprengelii Ach. L. U. p. 306, Syn. *T. Perrottetii* Fée Tryp. p. 23. — Corticicola in Promontorio viridi: Perrottet et prope Lydenburg in Transvaalia: Wilms. — Asia, Louisiana, Cuba, Amer. austr.

1573. T. cruentulum Nyl. in Cromb. Rodr. p. 445. — Ramulicola in insula Rodriguesii: Balfour. — Endem.

(Trypethelium)

1574. *T. cruentum* Mnt. in Ann. sc. nat. 2, XIX p. 93, Nyl. Pyrenoc. p. 73. — Ramulicola in sylva tropico-orientali Rabai Ndara: Meyer, corticicola in insula Rodriguesii: Balfour. — Austral., Amer. sept. calidior et trop.

1575. *T. (?) coccinatum*. Thallus cinereus tenuis effusus. Apothecia in stromatibus coccineis subglobosis superne depressis, superficie pulverulentis latit. 1-2,5 mm, peritheciis nigris, ostiolis emersis. Sporæ non visæ. Stromata K+ violascentia. *T. cruento* potissime affine. — Corticicola ad Vista prope ostium fluminis Kongo: Paul Hesse. — Endem.

1576. *T. purpurinum* Leight. Amaz. p. 459. — Corticicola secus flumen Quillu: Pechuel-Loesche. — Amer. trop.

1577. *T. madreporiforme* Eschw. Bras. I p. 156. Syn. *T. marginatum* Fée l. c. p. 24. — Corticicola in Promontorio viridi: Perrottet. — Bengal., Nov.-Zel., Amer. austr. calida.

1578. *T. sphærioides* Mnt. l. c. XVIII p. 74. — Corticicola in Guinea: Jardin. — Guyan.

1579. *T. pauperrimum* (Müll. Diagn. Socot. p. 16). — Ramulicola in insula Socotra: Balfour, Schweinfurth. — Endem.

1580. *T. velatum* (Müll. l. c.). — Corticicola in insula Socotra: Balfour. — Endem.

1581. *T. pusillum* Jatta in N. Giorn. Bot. It. XIV p. 174. — Supra corticem fruticum in Schoa: Antinori. — Endem.

1582. *T. quassiæcolum* Fée l. c. p. 39. — In Promontorio Bonæ Spei. — Amer. æquin.

1583. *T. cruentatum* Nyl. in Flora 1876 p. 365, Müll. Pyrenoc. Cub. p. 395 sub *Bottaria*. — Super corticem arboris e *Malvacearum* familia prope Durban in Africa meridionali: Wilms. — Amer. calidior.

1584. *Pyrenastrum americanum* Spr. Syst. Veg. IV p. 248, Nyl. in Cromb. Rodr. p. 445. Syn. *Heufleria penta-*

gastrica Müll. Afr. p. 45. — Supra cortices arborum secus flumen Quillu: Pechuel-Loesche et in insula Rodriguesii: Balfour. — Zeylan., Borneo, Amer. sept. calidior, Cuba, Nov.-Granat.

1585. *Astrothelium pyrinoicum* (Ach. Syn. p. 91, Müll. in Flora 1885 p. 250). — Super arborum corticem in Guinea (Ach. Hb.). — Endem.

1586. *Sarcopyrenia gibba* Nyl. (Alg. p. 342) Pyrenoc. p. 69. — Supra saxa calcaria ad Constantine Algeriæ: Balansa. — Höxter in Guestph., Mons Salève.

1587. *Endococcus gemmifer* (Tayl. in Mack. Hibern. p. 95) Nyl. Pyrenoc. p. 64. — Supra thallum *Urceolaria ocellata* ad Sidi Mecid prope urbem Constantine in Algeria: Flagey. — Europ.

1588. *E. haplotellus* Nyl. in Flora 1867 p. 180. — In insula Madera: Mandon. — Dania, Hibern.

1589. *Mycoporum consimillimum* Nyl. l. c. 1886 p. 177. — Corticicola in insula Sancti Thomæ 800 m: Moller. — Endem.

1590. *M. perminimum* Nyl. l. c. 1878 p. 341. — Supra lapides calcarios ad Biskra Saharæ: Norrlin. — Palæst.

1591. *M. marmoratum* (Schleich. exs. p. p.) Nyl. in Stzb. L. H. No. 1327. — Super saxa calcaria ad El Kantara Saharæ: Norrlin. — Europ.

1592. *M. Lahmii* (Müll. l. c. 1887 p. 78). — Corticicola prope Lydenburg in Transvaalia: Wilms. — Endem.

1593. *Thelococcum albidum* Nyl. (Alg. p. 338) in Flora 1873 p. 299. — Supra saxa calcaria recentioris formationis vel terram calcariam prope Oran Algeriæ: Balansa. — Endem.

ADDENDA ET CORRIGENDA.

Indici commentationum de Lichenibus Africis conscriptarum amplius addendæ sunt hæcce:

- Stirton, On certain Lichens belonging to the genus *Parmelia* in Scottish Naturalist IV, 1877—1878. Ibi *Parmeliæ* novæ sequentes ab autore offeruntur: 1. *P. coilocarpa* Strt. l. c. p. 202. Ramulicola in insula Fernando Po: G. Thomson. 2. *P. xanthotropa* Strt. l. c. p. 203. Saxicola (?) prope Sommerset East in Africa australi: MacOwan. 3. *P. toxodes* Strt. l. c. p. 253, Syn. *P. subæquans* Strt. in Trans. Glasg. Field Nat. 1876/77 non Nyl. In monte Boschberg Africæ australis: MacOwan. 4. *P. cuneata* Strt. in Scott. Nat. p. 298. Corticicola (?) prope Victoriam in Africa australi: G. Thomson. 5. *P. resupina* Strt. l. c. Ramulicola prope Knysna in Africa australi: Dr. J. B. Knobel. 6. *P. suffixa* Strt. l. c. Corticicola ibidem: Knobel;
- Jatta, Lichenum Italiæ merid. Manip. V in N. Giorn. Bot. It. XVIII, 1886 p. 78 (Lichenes nonnullos insularum Linosæ et Lampedusæ continens);
- Jatta, Seconda contribuzione ai Licheni raccolti nello Scio dal Marchese Antinori, ib. XX, 1890 p. 51;
- Stizenberger, Die Lichenen der Insel Ascension in Flora 1890 p. 184 et
- Müller J., Lichenes Africæ tropico-orientalis ib. p. 334. In hac commentatione virorum L. v. Höhnelt, J. Hannington, H. H. Johnston et Last, qui lichenes in Africa tropico-orientali colligerunt, fit mentio.

Ea quæ nunc sequuntur ad singulos numeros enumerationis specierum referri volumus.¹

1. Pro „Syn. p. 329“ lege „Prodr. p. 218“.
3. Extra Africam etiam in Japonia.
6. Pro „L. U. p. 610“ lege „Prodr. p. 216“. Ceterum cfr. Wainio Not. Syn. p. 20.

¹ Nomina specierum, varietatum et formarum in enumeratione specierum nondum comprehensarum literis pinguioribus expressa sunt.

20. Pro „Ach. Syn. p. 322“ lege „Ach. in N. Act. Stockh. V, 16 p. 14“.

20^{bis}. **Collema coilocarpum** (Müll. in Flora 1891 p. 107).
— Corticicola in insula Sancti Mauritii: Dr. Capes. — Endem.

21. Pro „Ach. L. U. p. 650“ lege „Ach. in N. Act. Stockh. V, 22 p. 164“.

22. „Pro „Ach. l. c. p. 636“ lege „Ach. in N. Act. Stockh. V, 22 p. 160“.

25. Pro „Ach. Syn. p. 311“ lege „(Bernh. in Schrad. Journ. 1799 p. 7) Ach. L. U. p. 632“.

29. Ante „Ach.“ inserendum est „(Sw. in. N. Act. Ups. V, 4 p. 249)“.

35. Ante „Ach.“ inserendum est „(L. Suppl. p. 451)“. Insuper addendum est:

Collema nigrescens f. isidiosum Müll. l. c. 1890 p. 292. — In Usambara: Hans Meyer. — Extra Africam in Java et Nov.-Holland.

Pro „*glaucocarpa*“ lege „*glaucocarpum*“.

36. Corticicola in Usambara: Hans Meyer.

37. Pro „648“ lege „640“.

38. Extra Africam etiam in Japonia.

47. Pro „651“ lege „652“.

49. Pro „Ach. l. c. p. 655“ lege „L. Suppl. p. 450“.

50 et 51. Extra Africam etiam in Japonia.

52^{bis}. **Leptogium Puiggarii** Müll. l. c. 1879 p. 161. — Supra muscos in Schoa: Antinori. — Brasil.

56. Pro „Ach. L. U. p. 645“ lege „Sm. apud Ach. Meth. p. 221“.

57. Pro „1862“ lege „1892“.

66. Etiam in Japonia.

68. Deleatur „Hibernia“.

80. Pro „Ach. l. c. p. 233“ lege „Ach. Meth. p. 89“.
- 83 et 93. Etiam in Japonia.
- 99^{bis}. **Stereocaulon ramulosum** (Sw. Prodr. p. 147) Ach. Meth. p. 314 var. **acuminatum** Müll. in Flora 1890 p. 335.
— In monte Kilimandscharo: v. Höhncl. — Endem. —
Var. **macrocarpum** (Rich. Astrol. I p. 34) Bab. New Zeal. p. 30. — In monte Kilimandscharo 4000 m: Hans Meyer.
— Nov.-Zel., ins. Campbell, Tasman., Amer. merid.
- 100 et 101. Etiam in Japonia.
- 106 nota 1. *St. Meyeri* censente Müll. l. c. p. 335 idem ac *St. ramulosum* v. *farinaceum* Fr. fil. Ster. p. 25.
- 106^{bis}. **St. obscurum** Müll. l. c. 1891 p. 109. — Supra lavam in monte Camerun 1500—3600 m: Mann. — Endem.
- 107^{bis}. **St. confluens** Müll. l. c. 1884 p. 614. — Supra saxa vulcania in monte Kilimandscharo: Hans Meyer. — Java. — Var. **fuscescens** Müll. l. c. 1890 p. 336. — Ibidem: v. Höhncl. — Endem.
109. Pro „Meth. p. 315“ lege „Prodr. p. 206“.
116. Ante „Ach. Meth.“ inserendum est „Web. apud“. — Var. *chlorophæa* etiam in Japonia.
- 117 (*Clad. pityrea*) et 123 etiam in Japonia.
125. Ante „Hffm. l. c.“ inserendum: „(L. Spec. p. 1152)“.
- 126 et 129. Etiam in Japonia.
133. Pro „453“ lege „458“.
- 133^{bis}. ***Cladonia racemosa** Hffm. D. Fl. II p. 114, Nyl. in Brenn. Hegl. p. 26. — In insula Lampedusa: Solla. — Cosmop.
136. Var. **subsimpler** Müll. l. c. 1890 p. 335. — Terricola in monte Kilimandscharo 3000 m: Hans Meyer. — Endem.
139. Pro „Ann. VII“ lege „Ann. I“.

- 147^{bis}. **C. Flørkeana** (Fr. L. S. 82) Smmr. Lapp. p. 128.
— Supra truncos in monte Kilimandscharo 3000—4000 m:
Hans Meyer. — Europ., Sibir., Nov.-Holl., Polyn., Amer.
sept., Antill. — Var. **intermedia** Hepp Fl. E. 291 f.
melanocarpa Müll. l. c. — In monte Kilimandscharo:
Hans Meyer. — Endem.
152. *C. peltata* in monte Kilimandscharo 3000 m: Hans Meyer.
157. In monte Kilimandscharo 2000 m: Hans Meyer. —
Censente Müll. l. c. 1891 p. 110 hæc species extra Af-
ricam nondum reperta est.
158. Etiam in Japonia.
163. Pro „Monrovia“ lege „Monroviam“.
166. In Vulcano di Ponente in insula Linosa: Solla.
168. Insequens numerus inscribendus est 169.
173. Pro „207“ lege „270“.
- 173^{bis}. **Ramalina Höhneliana** Müll. l. c. 1890 p. 337. —
Supra arbores in territorio Leikipia Africae tropico-orien-
talis: v. Höhnel. — Endem.
174. *R. denticulata* prope Taweta in Usambara: Hans Meyer.
— Var. *fallax* in Usambara: idem.
Var. **canalicularis** Nyl. Ram. p. 28. — Corticicola
ibidem: idem. — Mexico.
177. Pro „Hffm. l. c. p. 139“ lege „L. Suec. No. 1090“.
Var. **subampliata** f. **subpapillosa** Nyl. Ram. p. 34.
— Corticicola in regione Leikipia Africae tropico-orien-
talis 1500—2000 m: v. Höhnel. — Ind. orient.
178. Pro „L. l. c.“ lege „L. Spec.“ — Per errorem inter
hunc et sequentem numerum omissus est 179.
183. Pro „256“ lege „156“.
186. *F. membranacea* in territorio Usambara: Hans Meyer.
— Extra Africa etiam in Patagonia.

188. *R. polymorpha* super saxa vulcania montis Kilimandscharo 4200 m: Hans Meyer.
190. Pro „Ach. (Prodr. p. 178)“ lege „(Westr. in Vet. Ak. Handl. XIV p. 56) Ach.“ — Planta Beccariana non est *R. pollinaria*, sed *complanata* (175). — *R. pollinaria* etiam in Japonia.
192. Var. **sublævigata** Nyl. Ram. p. 55. — In insulis Madera (Mand. Mad. 50 p. p.) et Canariis (Bourgeau 1121). — Endem.
193. In insula Linosa: Solla.
197. Pro „Dicks. Pl. crypt. 3 p. 18“ lege „Retz. Obs. Bot. IV p. 30“.
201. *R. cuspidata* etiam in Japonia.
204. Pro „Le Prév. in Fr. L. E. p. 29“ lege „Dub. Bot. Gall. II p. 614“.
- 204^{bis}. **R. pusiola** Müll. l. c. p. 338. — Ramulicola in Usambara: Hans Meyer. — Endem.
205. Etiam in Hibernia et Japonia.
206. Ramulicola in Schoa: Antinori.
207. Super saxa in insula Rodriguesii: Balfour.
212. Pro „235“ lege „253“.
217. Pro „Suec. p. 182“ lege „Spec. p. 1614“.
218. Prope pagum Vivi ad flumen Kongo: Ledien.
222. Var. *densirostra* saxicola in pascuis montis Kilimandscharo: Hans Meyer, in Zambesia: Kirk et in Natalia: Baines. — Extra Africa etiam in Java. — Var. *strigosa* in Africa tropico-orientali: Hans Meyer, v. Höhnelt.
226. Var. **exasperata** Müll. l. c. p. 336. — Ramulicola in monte Kilimandscharo: Hans Meyer. — Endem.
228. Formæ **erubescens** Stein Afr. p. 1. et **erecta** Stein l. c. in monte Kilimandscharo: Hans Meyer. — Endem.
230. *F. aspera* fruticicola prope Vivi ad flumen Kongo: Ledien.

231. Ad fines arborum in monte Kilimandscharo: Hans Meyer.
232. Etiam in Brasilia.
233. Var. **Ebersteinii** Stein l. c. — In sylva Rabai Taro Africæ tropico-orientalis: Hans Meyer. — Endem.
237. In regione Leikipia Africæ tropico-orientalis: v. Höhnel et in monte Kilimandscharo: Hans Meyer.
- F. **flaccida** Müll. l. c. p. 337. — Corticicola in Leikipia: v. Höhnel. — Endem.
- 239 et 240. Etiam in Japonia.
241. Pro „167“ lege „416“.
243. Pro „219“ lege „425“.
249. Etiam in Japonia.
- 254^{bis}. **Parmelia caperatula** Nyl. Syn. p. 377. — In Africa tropico-orientali: Hannington. — Australia.
259. Pro „Ach. Syn. p. 109“ lege „Ach. Meth. p. 206“.
265. Var. *incisa* ad limites nivales in monte Kilimandscharo: Johnston.
267. Var. **stenophylloides** Müll. Parag. p. 4. — Super lapides quartzosos prope Vivi ad flumen Kongo: Ledien. — Brasil., Paraguay.
271. Etiam in Japonia.
- 276^{bis}. **P. congruens** Ach. L. U. p. 491. — Supra terram in monte Kilimandscharo 3000—3500 m: Hans Meyer. — Nov.-Holland, Amer. sept.
277. Ad terram et saxa supra terminum arborum in monte Kilimandscharo 3000—4500 m: Hans Meyer.
279. Etiam in Brasilia.
280. *P. perforata* in Africa tropico-orientali: Hans Meyer, v. Höhnel. — Var. *ciliata* etiam in Japonia. — Var. *ulophylla* in monte Kilimandscharo: Hannington et ad Settimahaup in Africa tropico-orientali 2000 m: v. Höhnel. Etiam in Japonia.

282. Claro Wainio (Brasil. I p. 33) *P. perlata* f. *coralloidea* idem Lichen esse videtur ac *P. tinctorum* Despr., Nyl. (300), *P. perlata* var. *platyloba* Müll. et *P. perlata* var. *prætervisa* Müll. atque nomine antiquissimo *P. coralloidea* (Mey.-Fw.) Wain. l. c. nuncupandus. — *P. perl.* var. *platyloba* Müll. in Flora 1882 p. 276 in Africa centrali (Pechuel-Loesche) et in insulis Madagascar et Johanna (Hildebrandt) est lecta. Quem quidem Lichenem unum atque eundem quam *P. olivetorum* (284) esse censebamus, quare nomina duarum illarum insularum quas eodem loco commemoravimus ad hanc *platylobam* referri velimus. Extra Africam in Japonia, Nova-Hollandia et America calidiore reperitur. — *P. perlata* var. *prætervisam* Müll. l. c. (1880 p. 276) 1882 p. 317 in Usambara legit Hans Meyer; præterea ad Calcuttam, in Japonia, Java, Nova Caledonia et in insula Puerto-ricco inventa est. — Var. *ciliata* in Africa tropico-orientali: Hannington.
283. *P. crinita* ramulicola prope Pangam versus oram maritimam sansibaricam: v. Höhncl. — Var. *Argentina* prope Vivi ad flumen Kongo: Ledien.
284. Qui Lichen in insulis Madagascar et Johanna inveniri dicitur a cl. Müller sub *P. perlata* v. *platyloba* Mey.-Fw. refertur.
286. *P. abyssinica* in Usambara: Hans Meyer.
292. *P. latissima* ad terminum arborum in monte Kilimandscharo 3000—4000 m et in Usambara: Hans Meyer.
293. In monte Kilimandscharo (nonnihilo dubia): v. Höhncl.
294. *F. sorediifera* et var. *nuda* in Africa tropico-orientali: Hannington. — In linea tertia ab ultima pagina lege „*Acaciarum*“ pro „*Acaciorum*“.

- 294^{bis}. **P. Hanningtoniana** Müll. l. c. 1890 p. 339. — In Africa tropico-orientali: Hannington. — Endem.
296. Etiam in Japonia.
297. In monte Kilimandscharo 2000 m: Hans Meyer.
298. Pro „Scribæ“ lege „Seribæ“.
299. In Usambara: Hans Meyer. — Pro „Syn. p. 197“ lege „Prodr. p. 119“.
301. *P. tiliacea* in Africa tropico-orientali: Hannington. — Var. *rimulosa* etiam in Japonia.
Var. **hypoleuca** Müll. l. c. p. 346. — Corticicola prope Vivi ad flumen Kongo: Ledien. — Endem.
- 307 et 308. Etiam in Japonia.
311. In sylvis Rabai Taro 2800 m: Hans Meyer. — Ante „Nyl. l. c.“ inserendum „Ach. Syn. p. 207“.
- 318^{bis}. **P. coronata** Fée Ess. p. 123. — Corticicola in Africa tropico-orientali: Hannington. — Amer. trop.
320. Var. **ulophylla** (Ach. L. U. p. 458) Nyl. Syn. I p. 389. — Ad Settimahaup in Africa tropico-orientali 2000 m: v. Höhnel. — Europ.
- 321, 328 et 329. Etiam in Japonia.
334. Thallus $\text{CaCl}=\text{}$, $\text{K}(\text{CaCl})\text{---}$.
344. *P. physodes* supra corticem *Ericæ* speciei arboreæ in monte Kilimandscharo 4000 m: Hans Meyer.
345. Etiam in Japonia.
349. Ante „Del. l. c. p. 96“ inserendum „Bory Hb.“
- 351^{bis}. **Stictina faveolata** (Del. Stict. p. 101) Nyl. Syn. I p. 337. — Sterilis supra truncos muscosos in Schoa: Antinori. — Austral., Amer.
353. *S. crocata* sterilis in Schoa: Antinori.
356. *S. Mougeotiana* ejusque var. *aurigera* etiam in Japonia.
357. Pro „Ach. l. c. p. 227“ lege „Ach. Meth. p. 276“.

358. *S. quercizans* in Schoa: Antinori. Extra Africam etiam in Japonia.
360. *S. Ambavillaria* etiam in Brasilia.
368. Pro „l. c.“ lege „Syn.“
369. *Lobaria pulmonacea* frequens in sylvis montis Kilimandscharo 3000 m et in Leikipia: v. Höhnel. — Varr. *papillaris* et *hypomela* etiam in Japonia.
370. Pro „Meth. p. 270“ lege „Meth. p. 276“.
373. Ante „Del.“ inserendum „Bory Hb.“
- 379 (*Sticta aurata*) et 391 etiam in Japonia.
400. Post „Meyer“ adde „v. Höhnel“.
402. Pro „Meth. p. 132“ lege „Meth. p. 85“.
403. Etiam in Japonia et Java.
405. Forte ad *P. polydactylam* referenda.
408. *Physcia flavicans* in Usambara: Hans Meyer.
F. **cinerascens** Stein Afr. p. 6. — In Usambara: Hans Meyer. — Endem. — Var. *intermedia* fruticicola ad flumen Kongo: Ledien.
410. In monte Kilimandscharo: Johnston.
411. *P. villosa* in insula Linosa: Solla.
414. Pro „Ach. l. c.“ lege „L. Suppl. p. 451.“
415. *P. parietina* ad ramulos loco Settimahaup in Africa tropico-orientali: v. Höhnel.
F. **albicans** Müll. l. c. p. 338. — In Africa australi: MacOwan. — Amer. merid. — Var. *ectanea* supra saxa vulcania in insula Lampedusa: Solla. — Var. *aureola* supra saxa vulcania in insula Linosa: Solla.
421. Supra ramos emortuos *Lycii horridi* in insula Phocarum prope Sinum Tabularem: MacOwan.
425. *P. leucomela* prope Settimahaup 2000 m: v. Höhnel. — Var. *angustifolia* in Leikipia: v. Höhnel, in Usam-

- bara et in monte Kilimandscharo 3000 m: Hans Meyer.
 — Var. *subcomosa* arboricola in monte Kilimandscharo: Hans Meyer.
426. Etiam in Brasilia.
429. Pro „Jacq. Coll. III p. 319“ lege „Jacq. Coll. III p. 119“.
 — Forma vel si mavis var. *cinerascens* prorsus non endemica in Africa; nascitur enim etiam in India orientali et in Argentina (cfr. Müll. l. c. p. 346). — A cl. Müller ejus formæ sequentes describuntur: F. **pulvinigera** in radice montis Meru Africae tropico-orientalis: v. Höhnelt.
 — Extra Africam in India orient. — F. **coralligera** in monte Kilimandscharo 1500—1800 m: Johnston. — Endem. — F. **brachyloba** in Africa tropico-orientali.
 — Ind. orient., Patag.
430. Ad Tumakanya in Africa tropico-orientali: Hans Meyer.
431. Etiam in Brasilia.
432. Pro „l. c. p. 145“ lege „l. c. p. 195“.
433. Pro „Lips. p. 118“ lege „Lips. p. 128“. — *P. pulverulenta* typica et 438 etiam in Japonia.
444. Pro „Syn. p. 207“ lege „Prodr. p. 112“.
448. *P. caesia* etiam in Japonia.
451. Pro „Syn. p. 217“ lege „Meth. p. 199“.
- 454 et 456. Etiam in Japonia.
457. Etiam in Brasilia.
462. Pro „Syn. p. 103“ lege „Syn. p. 203“.
464. *P. picta* in Africa tropico-orientali: v. Höhnelt, in monte Kilimandscharo: Hans Meyer. — „Ins. St. Paul.“ delenda.
 — F. *sorediata* etiam in Japonia. — Var. *erythrocardia* in monte Kilimandscharo: Hans Meyer et ad oram maritimam sansibaricam prope Pangani: v. Höhnelt.
468. Etiam in Japonia et Brasilia.
469. *Pyxine Meissneri* etiam in Japonia.

470. *P. Coccoës* in Africa tropico-orientali: Hannington et supra corticem *Adansoniæ* prope Vivi ad flumen Kongo: Ledien.
- Var. **chrysantha** Müll. l. c. p. 341. — In Africa tropico-orientali: Hannington. — Endem. — Pro „1801“ lege „1891“.
476. In dimensionibus sporarum pro „m“ legendum est „mm“.
480. Pro „Hffm. D. Fl. II p. 13“ lege „Ehrh. Pl. crypt. 317“.
- 482 et 484. Etiam in Japonia.
- 484^{bis}. **Gyrophora umbilicarioides** Stein Afr. p. 3. — Saxicola in monte Kilimandscharo 4000 m: Hans Meyer. — Endem.
493. Supra corticem arborum in monte Kilimandscharo: Hans Meyer.
494. Ante „Ach.“ inserendum „Pers. ap.“
500. Loco „Syn. p. 53“ lege „L. U. p. 215“.
507. Pro „Meth. p. 129“ lege „Prodr. p. 143“.
514. Pro „Syn. p. 103“ lege „L. U. p. 305“.
519. In territorio Namaqua majore: Hans Schinz. — Extra Africam etiam in Europa.
527. Pro „Huds. l. c. p. 130“ lege „Huds. l. c. p. 530“. — Var. *Dufourii* etiam in Argentina.
528. Deleatur parenthesis post „Hepp l. c. 619“.
530. Deleatur „Kerguelen“.
534. Loco „Ach. l. c. p. 432“ lege „Ach. Prodr. p. 63“.
540. Etiam in Japonia.
546. Ante „Ach. L. U.“ inserendum „Link. Ann. Bot. I p. 37“.
547. Etiam in Japonia.
564. „Müll. l. c.“ per parenthesin afferendum.
574. Typica in Africa tropico-orientali: Hannington.
- 577, 592 et 601 (*Lecanora pyracea*) etiam in Japonia.

607. Etiam in Argentina.
- 636, 637 et 638. Etiam in Japonia.
640. Muscos incrustans in monte Kilimandscharo 5000 m:
Hans Meyer.
647. *L. sophodes* etiam in Japonia.
650. Corticicola prope Vivi ad flumen Kongo: Ledien. —
Etiam in Japonia.
- 654, 655 et 657. Etiam in Japonia.
659. Pro „melonops“ lege „melanops“.
665. Supra caudices Palmarum prope Vivi ad flumen Kongo:
Ledien.
680. *Lecanora dispersa* etiam in Japonia.
682. Var. *campestris* (Syn. *Aspicilia alpestris* Stein Hb. non
Smmrf. — thallo pro maxima parte superficiei depasto)
etiam in Japonia. — Var. *glabra* in Africa tropico-orien-
tali: Hannington.
685. Truncicola ad terminum arborum in monte Kilimand-
scharo 3000—4000 m: Hans Meyer.
688. Paraphyses discretæ ramosæ superne capitulatæ fumido-
fuliginæ. Hypothecium incolor. Sporæ octonæ sim-
plices longit. 0,009-12, crassit. 0,005-6 mm. Gelatina hyme-
nea iodo cœrulea, imprimis thecæ.
- 692^{bis}. **L. hypocrocina** Nyl. in Flora 1876 p. 509. — Ra-
mulicola prope Pangani ad oram sansibaricam: v. Höhnelt.
— Cuba.
- 693^{bis}. **L. flavidonigricans** Müll. l. c. p. 342. — Corticicola
in Africa tropico-orientali: Hannington. — Endem.
694. Corticicola in Africa tropico-orientali: Hannington.
- 694^{bis}. **L. chlarotera** Nyl. l. c. 1872 p. 550. — Supra cor-
ticem *Quercus* prope Muizenberg ad Promontorium Bonæ
Spei. — MacOwan in Hb. Stzb. — Europ., Japon., Brasil.

698. Etiam in Japonia.
703. In Usambara: Hans Meyer, in Africa tropico-orientali maritima: Hannington.
- 703^{bis}. **L. pleospora** Müll. l. c. — Ramulicola in territorio Leikipia i. e. inter lacum Nyanza et montem Kenia 1500—2000 m: v. Höhncl. — Endem.
707. In Africa tropico-orientali: Hannington.
717. Pro „176“ lege „126“.
736. Var. *lutescens* a typo non differt. Nomen prius speciei est *L. lutescens* (DC.) Nyl. in Brenn. Hegl. p. 68.
- 739 et 744. Etiam in Japonia.
- 746^{bis}. **L. fuscula** Müll. l. c. — Corticicola in Africa tropico-orientali: Hannington. — Var. **pruinosa** Müll. ib. — Cum typo: Hannington. — Utraque endem.
758. *L. atra* in Africa tropico-orientali: Hannington.
762. Etiam in Japonia.
- 763 et 764. Etiam in Lusitania.
771. *L. punicea* in Africa tropico-orientali: Hannington. — Ex Africa australi in Arn. exs. 1107 distributa.
- 773 (*L. tartarea*) etiam in Japonia.
775. Saxicola in insula Linosa: Solla. — Extra Africam in Japonia et Brasilia.
778. Etiam in Japonia.
794. Pro „Ach. (Meth. v. 158)“ lege „(Sm. E. B. t. 534) Ach.“
800. Pro „322“ lege „332“.
812. Etiam in Japonia.
817. Pro „Prodr. p. 146“ lege „Scand. p. 176“.
- 819 (*L. simplex*) etiam in Japonia.
829. *Urceolaria actinostoma* ad flumen Kongo: Ledien. — Etiam in Japonia.
836. Pro „Endem.“ lege „Japon.“

838. Supra terram turfosa in monte Kilimandscharo 4000 m:
Hans Meyer.
842. Var. *Ceratonice* in insula Linosa: Solla.
850. Etiam in Japonia.
- 853^{bis}. **Pertusaria subvaginata** Nyl. in Flora 1866 p. 290.
— Corticicola in Africa tropico-orientali: Hannington.
— Nov.-Granat.
859. *P. leioplaca* ejusque var. *octospora* etiam in Japonia.
- 859^{bis}. **P. subareolata** Müll. l. c. p. 343. — Corticicola in
Africa tropico-orientali: Hannington. — Endem.
- 869—871. Cfr. Nyl. Jap. p. 51.
872. Cfr. Nyl. l. c. p. 54.
879. *P. Wulfenii* etiam in Brasilia.
- 879^{bis}. **P. xanthothelia** Müll. l. c. — Corticicola in Africa
tropico-orientali: Hannington. — Endem.
893. Etiam in Japonia.
911. In Africa tropico-orientali: Hannington.
912. Cfr. Nyl. l. c. p. 59.
- 1093 et 1185 (Var. *atrovirens*) etiam in Japonia.
1186. Varietatem quam nomine „*affinem*“ nuncupavimus con-
fisi auctoritate Schaer. En. p. 132 et Nyl. Bering. p. 16
speciem nunc ducimus esse autonomam.
1194. Hic Lichen idem est qui sub 1067 notatur.
1263. Censente Nyl. in Flora 1878 p. 453 cum *O. lyncea*
confluit.
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COROLLARIUM.

Lichenes antarcticarum quarundam insularum a promontorio meridionali Africæ ad meridiem et euronotum versus spectantium.

Antarcticarum quidem insularum, quæ a nonnullis Africæ attribuuntur, quamquam cum coeli temperie tum paucitate specierum et animalium et plantarum ab Africæ natura vel maxime discrepare videntur, lichenes insularum Kerguelensland, Sancti Pauli, Novi-Amstelodami et Marion vulgo nuncupatarum aliqua ex parte innotuerunt. Ex insulis nominibus Macdonaldi, Crozetii, Principis Eduardi, Bouvetii, Goughii (vel Jacobi Alvarez) dictis lichenes adhuc quod sciam collecti sunt nulli.

In medio positæ esse et quasi genus quoddam transitus ab antarcticis insulis ad continentem Africæ terram atque insulas orientem et occidentem versus inde sitas facere videntur insulæ Tristan d'Acunha et Inaccessible Island: quæ quidem vegetatio lichenosa jam supra a nobis enumerata et exarata est.

Adjiciuntur quasi corollarium quoddam et suo ordine digeruntur Lichenes quatuor illarum insularum quas supra primo loco posuimus. Qua quidem in re quibus libris adjuti simus mox docebimus; libri quorum nobis non erat copia, asterisco notabuntur.

1. De insula Marion est

C r o m b i e Chall. p. 221—222.

2. De insulis Sancti Pauli et Novi-Amstelodami

K r m p l h. Novar., N y l. *Compt. rend. Acad. sc. 1875 Oct. et in Flora 1886 p. 318—322.

3. De insula Kerguelen

*T a y l. in Journ. Bot. 1844 p. 634—658, *H o o k. Flor. antarct. II p. 519—542, T u c k. *Bull. Torrey Bot. Club VI, 1875 No. 10, *id. Bull. U. S. Nat. Mus. 1876 No. 3, id. Obs. Lich. IV, 1877

p. 181, Cromb. in Journ. Bot. Apr. 1877 (Revision of the Kerguelen Lichens collected by Dr. Hooker. Appendix: Kerguelen Lichenes collected by Dr. Kidder). — Cromb. in Journ. Bot. * Nov. 1875, Jan. 1876, id. in Linn. Soc. Journ. Bot. XV p. 180—183 (Lichens collected in Kerguelensland by Eaton), id. Chall. p. 220—221. — Müll. Gaz. II (Lich. ins. Kerguelen coll. a Dre Naumann). — Hook. Bot. of Kerguel. Isl., Lich. by Crombie.

1. **Lichina antarctica** Cromb. in Journ. Bot. V p. 21 et in Linn. Soc. Journ. Bot. XV p. 181. — Supra saxa maritima ad Swain's Bay in insula Kerguelen: Eaton.
2. **Leptogium molybdoplacum** (Nyl. apud Cromb. in Linn. Soc. Journ. Bot. XV p. 181). — Supra terram et lapides in insula Kerguelen: Hooker, Eaton, Kidder.
3. **L. inflexum** Nyl. — Muscicola in insula Sancti Pauli: Jelinek. Cfr. supra No. 62.
4. **Argopsis cymosa** (Cromb. l. c. p. 182). — Supra terram ad Observatory Bay in insula Kerguelen: Eaton et super saxa ad Betsy's Cove in eadem insula: Naumann.
5. **Stereocaulon proximum** Nyl. — In insula Novi-Amstelodami. Cfr. supra No. 100.
6. **Cladonia pyxidata** (L.) var. **chlorophæa** (Flk.) Schaer. — Ad Betsy's Cove in insula Kerguelen: Naumann. Cfr. supra p. 116. — Var. **costata** (Flk. Clad. p. 69). — In insula Kerguelen: Naumann, Molloy; in insula Marion: Moseley.
7. **C. fimbriata** (L.) Hffm. — Supra terram in insulis Sancti Pauli: Jelinek et Kerguelen: Eaton, Kidder. Cfr. supra No. 119.
8. **C. gracilis** (L. Spec. p. 1152) Hffm. — In insula Kerguelen: Naumann. Cfr. supra No. 125.
9. **C. cornuta** (L. Lapp. 434) Fr. L. E. p. 225. — In insula Kerguelen: Moseley.

10. **C. acuminata** (Ach. Syn. p. 254) Norrl. H. L. F. 57. —
Supra terram in insula Kerguelen: Hooker, Eaton.
11. **C. squamosa** (Hffm.) var. **gracilenta** Müll. Gaz. II.
p. 134. — Supra herbas et muscos destructos in insula
Kerguelen: Naumann. — Var. **nana** Müll. in Flora 1888
p. 19. — In insula Kerguelen: Hooker.
12. **Ramalina sepiacea** (Pers. in Gaud. Ur. p. 209) Nyl.
Ram. p. 48. — In insula Kerguelen: Hooker (Specim. ex
Kew Garden in Hb. Arn.).
13. **R. cuspidata** (Ach.) Nyl. — Supra rupes in insula Sancti
Pauli: Jelinek. Cfr. supra No. 201.
14. **Neuropogon melaxanthus** (Ach. Meth. p. 307) Nyl.
Syn. I p. 272. — Saxicola in insulis Marion: Moseley
et Kerguelen: Anderson, Hooker, Eaton. — Var. **sore-
diifer** Cromb. l. c. — Saxicola in insula Kerguelen: Ea-
ton. — Var. **ciliatus** Nyl. New Zeal. p. 245. — Ibidem:
Eaton.
15. **N. Taylori** (Hook. fil. Antarct. p. 521) Nyl. Syn. I p. 273.
— Super saxa in insula Kerguelen frequens: Hooker,
Moseley, Eaton, Kidder.
16. **N. trachycarpus** Strt. Usn. p. 7. — Saxicola in insula
Kerguelen: Naumann.
17. **Chlorea Pœppigii** (Nees-Fw. in Linn. 1834 p. 497) Nyl.
l. c. p. 275. — In insula Kerguelen: Hooker (Specim. e
Kew Garden in Hb. Arn.).
18. **Parmelia perforata** (Jacq.) Ach. — In insula Sancti
Pauli: Jelinek, G. de l'Isle. — Var. **cetrata** (Ach.) Nyl.
— In insula Kerguelen: Hooker (Specim. e Kew Garden
in Hb. Arn.). Cfr. supra No. 280.
19. **P. præperlata** Nyl. in Flora 1886 p. 319. — Supra
rupes in insula Sancti Pauli: G. de l'Isle.
20. **P. confluens** Nyl. l. c. — Cum priore: Jelinek.

21. **P. subrudecta** Nyl. — Supra rupes in insula Sancti Pauli: G. de l'Isle. Cfr. supra No. 322.
22. **P. stygioides** Nyl. apud Cromb. l. c. p. 183. — Saxicola in insula Kerguelen: Eaton.
23. **Peltigera spuria** (Ach.). — In insula Kerguelen: Naumann. Cfr. supra No. 400.
24. **P. leptoderma** Nyl. Syn. p. 325. — Terrestris et muscicola in insula Sancti Pauli: Jelinek.
25. **P. polydactyla** (Neck.) var. **hymenina** (Ach.) Nyl. — Inter muscos ad terram in insulis Marion: Moseley et Kerguelen: Hooker, Eaton. Cfr. supra No. 402. — Var. **lophyra** (Ach. L. U. p. 516) Nyl. Scand. p. 90. — In insula Kerguelen: Naumann.
26. ***P. dolichorhiza** Nyl. — In insula Novi-Amstelodami. Cf. supra No. 403.
27. **Physcia parietina** (L.) var. **aureola** (Ach.) Nyl. — Supra saxa dioritica in litore marino insulæ Sancti Pauli frequens: Jelinek. Cfr. supra No. 415.
28. **P. speciosa** (Wulff.) — Saxicola in insula Sancti Pauli: Jelinek. Cfr. supra No. 420.
29. **P. cæsiopicta** Nyl. Japon. p. 34. — Saxicola in insula Sancti Pauli: G. de l'Isle.
30. **Pannaria dichroa** Hook. fil.-Tayl. in Journ. Bot. III p. 613. — Saxicola in insula Kerguelen: Hooker, Moseley, Eaton, Kidder.
31. **P. obscurior** Nyl. apud Cromb. l. c. p. 183. — Supra muscos emortuos in insula Kerguelen: Eaton.
32. **Lecanora hirsutula** Nyl. l. c. p. 184. — Supra muscos truncosque emortuos in insula Kerguelen: Eaton.
33. **L. gelida** (L.) Ach. — Super lapides in insula Kerguelen: Hooker, Eaton, Kidder. Cfr. supra No. 540. —

- Var. **vitellina** Bab. in Hook. Antarct. II p. 535. — In insula Kerguelen: Hooker, Moseley. — Var. **lateritia** Nyl. l. c. — Ibidem: Hooker, Moseley, Eaton.
34. **L. macrophthalma** Hook. fil.-Tayl., Nyl. in Flora 1886 p. 320. — Super lapides in insula Kerguelen: Hooker, Eaton et in cacumine insulæ Sancti Pauli: G. de l'Isle.
35. **L. antarctica** (Müll. Gaz. II p. 136 non in Flora 1886 p. 185). — In insula Kerguelen ca. 150 m: Naumann.
36. **L. elegans** Ach. — Super saxa et lapides in insula Kerguelen: Hooker, Eaton. Cfr. supra No. 546. — Var. **lucens** Nyl. apud Cromb. l. c. — Super truncos in insula Kerguelen: Eaton.
37. **L. depauperata** (Müll. l. c.). — Saxicola ibidem: Naumann.
38. **L. subunicolor** Nyl. — Ibidem saxicola: Eaton. Cfr. supra No. 578.
39. **L. fulgens** Nyl. in Flora 1886 p. 320. — Supra saxa doleritica ad mare in insula Sancti Pauli: Jelinek.
40. **L. vitellinella** Nyl. apud Cromb. l. c. — Super saxa maritima in insula Kerguelen: Hooker, Eaton.
41. **L. cyphelliformis** Cromb. Chall. p. 220. — Ibidem super vegetabilia emortua: Moseley.
42. **L. diphyella** Nyl. l. c. — Supra saxa ibidem: Eaton.
43. **L. milvina** (Whlbn.) Ach. — Supra doleritem in insula Sancti Pauli: G. de l'Isle. Cfr. supra No. 657.
44. **L. Kerguelensis** (Tuck. in Bull. U. S. Nat. Mus. III. p. 29) Nyl. ap. Cromb. in Journ. Bot. VI, 1877 p. 106. — Super saxa in insula Kerguelen: Kidder.
45. **L. epibrya** Ach. (Prodr. p. 79) L. U. p. 396. — Supra cæspites herbarum destructos in insula Kerguelen: Naumann.

46. **L. umbrina** (Ehrh.) Mass. — Supra vegetabilia emortua ibidem: Eaton. Cfr. supra No. 721.
47. **L. subsulfurata** Nyl. in Flora 1886 p. 320. — Super saxa doleritica in insula Sancti Pauli: G. de l'Isle.
48. **L. sublutescens** Nyl. apud Cromb. in Linn. Soc. Journ. Bot. XV p. 186. — Saxicola in insula Kerguelen: Eaton.
49. **L. atrocæsia** Nyl. l. c. p. 185. — Saxicola in insula Kerguelen: Hooker, Eaton.
50. **L. broccha** Nyl. l. c. — Ibidem supra muscos et truncos emortuos: Hooker, Eaton.
51. **Urceolaria deuteria** Nyl. in Flora 1886 p. 321. — Supra saxa doleritica in insula Sancti Pauli: G. de l'Isle. Cfr. supra No. 830.
52. **Pertusaria perrimosa** Nyl. New Zeal. p. 253. — Saxicola in insula Kerguelen: Hooker, Eaton. — Forma **subferruginosa** Cromb. l. c. — Ibidem saxicola: Eaton.
53. **P. cineraria** Nyl. apud Cromb. l. c. — Ibidem saxicola: Eaton.
54. **Cœnogonium confervoides** Nyl. in Ann. sc. nat. 4, XVI p. 91. — Inter muscos in insula Marion: Moseley.
55. **Lecidea variatula** Nyl. apud Cromb. l. c. — Supra truncos emortuos in insula Kerguelen: Eaton.
56. **L. inundata** (Fr.) Nyl. — In insula Kerguelen: Kidder.
57. **L. assimilata** Nyl. Scand. p. 221. — Supra terram in insula Kerguelen: Hooker, Eaton.
58. **L. enteroleuca** Ach. — Supra gramina emortua in insula Kerguelen: Kidder. Cfr. supra No. 1066.
59. **L. assentiens** Nyl. apud Cromb. l. c. p. 187. — Saxicola ibidem: Hooker, Eaton.
60. **L. intersita** Nyl. l. c. — Saxicola ibidem: Eaton.
61. **L. phæostoma** Nyl. l. c. — Saxicola et terricola ibidem: Eaton.

62. **L. amylacea** Ach. L. U. p. 172. — Super saxa et lapides ibidem: Hooker, Eaton.
63. **L. subassentiens** Nyl. l. c. p. 188. — Saxicola ibidem: Eaton.
64. **L. perusta** Nyl. l. c. — Saxicola ibidem: Hooker, Eaton, Kidder.
65. **L. asbolodes** Nyl. l. c. — Saxicola ibidem: Eaton.
66. **L. lygomma** Nyl. l. c. — Saxicola ibidem: Eaton.
67. **L. subcontinua** Nyl. l. c. — Saxicola ibidem: Hooker, Eaton. — Forma **ferrea** Nyl. l. c. — Saxicola ibidem: Eaton.
68. **L. Eatoni** Cromb. l. c. — Saxicola ibidem: Eaton.
69. **L. homalotera** Nyl. in Hb. Hook., Cromb. in Journ. Bot. VI p. 105. — Saxicola ibidem: Hooker.
70. **L. disjungenda** Cromb. l. c. — Saxicola ibidem: Hooker.
71. **L. subplana** Nyl. ap. Cromb. in Linn. Soc. Journ. Bot. XV p. 188. — Saxicola ibidem: Eaton.
72. **L. Dicksonii** (Gmel. Syst. Linn. p. 1363) Ach. Meth. p. 55. — Saxicola ibidem: Eaton.
73. **S. stephanodes** Strt. apud Cromb. l. c. XVI p. 221. — Saxicola ibidem: Moseley.
74. **L. tristiuscula** Nyl. apud Cromb. l. c. XV p. 190. — Supra truncos in insula Kerguelen: Eaton.
75. **L. superjecta** Nyl. l. c. XVI p. 220. — Parasita super thallum *L. disjungendæ* in insula Kerguelen: Moseley.
76. **L. basaltica** (Müll. l. c. p. 137). — Saxicola in insula Kerguelen: Naumann.
77. **L. myriocarpa** DC. — Saxicola in insula Kerguelen: Eaton, Kidder. Cfr. supra No. 1179. — **F. erumpens** Cromb. in Linn. Soc. Journ. Bot. XV p. 190. — Super truncos emortuos in insula Kerguelen: Eaton.

78. **L. supplicata** Nyl. apud Cromb. l. c. — Saxicola in insula Kerguelen: Eaton.
79. **L. parasemopsis** Nyl. in Flora 1885 p. 321. — Super saxa doleritica in insula Sancti Pauli: G. de l'Isle.
80. **L. cerebrinella** Nyl. apud Cromb. l. c. p. 191. — Saxicola in insula Kerguelen: Eaton.
81. **L. conioptoides** Nyl. in Flora l. c. — Super lavam scoriaceam et doleritem in insula Sancti Pauli: G. de l'Isle.
82. **L. stellulata** Tayl. — Saxicola in insulis Kerguelen: Hooker, Kidder et Sancti Pauli: Jelinek. Cfr. supra No. 1138.
83. **L. citrinella** Ach. (in Vet. Ak. Handl. 1795 p. 16) Meth. p. 47. — Sterilis supra terram in insula Kerguelen: Naumann.
84. **L. geographica** (L.). — Saxicola in insula Kerguelen: Hooker, Moseley, Eaton, Kidder. Cfr. supra No. 1185.
85. **Opegrapha consimillima** Nyl. l. c. — In fundo crateris insulæ Sancti Pauli supra doleritem et basaltem: Jelinek.
86. **Stigmatidium leucolytum** Nyl. l. c. — Super basaltem in insula Sancti Pauli: G. de l'Isle.
87. **Verrucaria tessellatula** Nyl. apud Cromb. l. c. — Super saxa ad mare in insula Kerguelen: Eaton.
88. **V. obfuscata** Nyl. l. c. — Supra lapides in collibus insulæ Kerguelen: Eaton.
89. **V. æthioboliza** Nyl. in Flora 1886 p. 322. — In fundo crateris insulæ Sancti Pauli super lavam scoriaceam.
90. **V. æthiobola** Whlnb. in Ach. Meth. Suppl. p. 17. — Saxicola in insula Kerguelen: Eaton.
91. **V. ceuthocarpa** Whlnb. l. c. — Saxicola in insula Kerguelen 600 m: Naumann.

92. **V. chlorotica** Ach. L. U. p. 283. — Ad Molloy Point in insula Kerguelen: Kidder. Cfr. supra No. 1479.
93. **V. prævalescens** Nyl. apud Cromb. l. c. p. 192. — Saxicola in insula Kerguelen: Eaton.
94. **V. Kerguelenina** Nyl. apud Cromb. in Journ. Bot. V p. 22 et in Linn. Soc. Journ. XV p. 192. — Saxicola in insula Kerguelen: Eaton.
95. **V. insueta** Nyl. apud Cromb. in Linn. Soc. Journ. l. c. — Saxicola in insula Kerguelen: Eaton.
96. **V. congestula** Nyl. in Flora 1887 p. 136. — Supra chalcodonium in insula Kerguelen.

Hujus corollarii species 73 et varietates 10 in Lichenæa Africana non continentur.

N O M I N A.

Lichenes numeris 1—916 signati in meo commentario superioris
anni inde a p. 105 usque ad p. 249 exstant.

	No.		No.
A bbreviata (Fée)	1290	Aenea Müll.	829
Abolescens Nyl.	647	Aequabilis Nyl.	1253
Abortiva (Flk.)	119	Aequata (Ach.)	666
Abstracta Krmplh.	1267	Aequinoctiale Hochst.	1431
Abyssinica (Bagl.)	806	Aequinoctialis Stzb.	702
— (Müll.)	974	Aethalea (Ach.)	1132
— Nyl. <i>Parmel.</i>	286	Aethaloëssa Stzb.	1133
— Nyl. <i>Ramal.</i>	211	Aethiobola Whlnb.	90 c.
Acervata Stzb.	1208	Aethioboliza Nyl.	89 c.
Acetabulum (Neck.)	328	Aethiopica (Müll.)	1254
Achariana Fée	1565	— Stzb.	922
Acharii Fée	1236	Affine (Müll.)	1339
Achroa Nyl.	695	Affinis Schaer.	1186
Achroella Nyl.	696	Affixa Nyl.	461
Achroopholis Nyl.	1041	Afra Stzb.	1120
Aciculare (Ach.)	111	Africana (Krmplh.)	835
Acromela (Pers.)	410	— Mass.	414
Acrotella (Ach.)	1456	— Müll. <i>Buellia</i>	1120
Acrustacea Arn.	617	— Müll. <i>Cryptoth.</i>	4
Actinostoma (Pers.)	829	— Müll. <i>Parmel.</i>	298
Aculeata Schrb.	238	— Müll. <i>Physcia</i>	465
Acuminata (Ach.)	10 coroll.	— (Müll.) <i>Verruc.</i>	1499
Acuminatum Müll. 99 ^{bis} addend.		— Tuck.	1184
Acunhana Nyl.	1136	Afzelii Ach.	1240
Acutata Stzb.	1009	Agardhiana Ach.	726
Adglutinata Duf.	1039	Agelæa (Ach.)	848
— Flk.	458	— Fée	1308
Adhærens Müll.	1362	Aggregata (Bagl.)	775
— Nyl.	272	— (Sw.)	158
Adplanata Müll.	269	Aggregatum (Ach.)	37
Adpressa Krmplh.	267	Aipolia (Ach.)	444
Adpressum Nyl.	61	Alba (Müll.)	1475
Adspersa (Mnt.)	1352	Albaniella Nyl.	751
Aegialita (Ach.)	468	Albella (Müll.)	1544
Aegyptiaca (Hepp)	621	— (Pers.)	708
— (Müll.) <i>Lecan. Bisch. v.</i>	659	Albida (Müll.) <i>Arthon.</i>	1398
— Müll. <i>Opegr.</i>	1327	— (Müll.) <i>Lecan. gilvellæ v.</i>	606
Aegyptiacum Müll. <i>Anapyr.</i>	1443	Albidoatra Nyl.	1512
— (Müll.) <i>Endoc.</i>	1434	Albidocærulescens (Müll.)	595
Aegyptorum Stzb.	1443	Albidofusca Nyl.	587
Aemula Stzb.	990	Albidopallens Nyl. <i>Lecan.</i>	588

	No.		No.
Albidopallens Nyl. <i>Thelotr.</i>	896	Angulata Ach.	237
Albidum Nyl.	1593	Angulosa Laur.	169
Albinea (Müll.)	1141	— Müll.	1356
Alboatra (Hoffm.)	1155	— (Schreb.)	706
— (Krmplh.)	1492	Angustata (Del.)	379
— Nyl.	1321	— Eschw.	1225
Albocæsia Nyl.	824	— (Hffm.)	433
Albociliatum (Desm.)	43	— Lahm	144
Albocincta Nyl. <i>Opegr.</i>	1299	Angustifolia (Mey.-Fw.)	425
— Nyl. <i>Platygr.</i>	1329	Anomalum Ach.	1567
Albocærulescens (Wulf.)	1080	Antarctica Cromb.	1 c.
Albocyphellata Nyl. <i>Stictinæ</i>		— Mass.	1125
<i>carpolomat. v.</i>	355	— Müll.	35 c.
— Nyl. <i>Stictinæ</i> Mougeot. v.	356	Anteposita Nyl.	932
Albolinita Nyl.	1487	Antillarum (Fée)	1348
Albonigricans Nyl.	1007	Antinoriana Jatta	885
Albonotata Nyl.	1257	Antisema Müll.	200
Albopruinosa (Arn.)	618	Aperta Stzb.	849
Albopulverea Nyl.	1381	Aphoristica Nyl.	1324
Albosparsa Stzb.	1138	Aphthosa Jatta	489
Albospersa Stzb.	761	Aphylla Nyl.	130
Albula Nyl.	1147	Aporetica Stzb.	957
Alcicornis (Lightf.)	113	Apostatica Nyl.	629
Alectorica	243—249	Appendiculata Fée	289
Aleianta Nyl.	888	Applanata Stzb.	1375
Aletea (Mass.)	1376	Applicata Stzb.	330
Alexandrina Nyl.	1363	Aprina Nyl.	483
Algeriensis Flagey	662	Arabica Müll.	10
Allophana Ach.	685	Arabum (Ach.)	166
Alocizoides Müll.	1460	Arbuscula Nyl.	110
Alpestris (L.)	151	— Stzb.	202
Alphoplaca (Whlnb.)	675	Arenaria Ach.	832
Amara (Ach.)	850	— (Hepp)	663
Ambavillaria (Bory)	360	Areolata Müll.	1155
Ambigens (Nyl.)	882	— Nyl.	1451
Ambigua (Wulf.)	347	Argentea Stzb.	1389
Ambusta Stzb.	1170	Argenteofibrosa Stzb.	681
Americanum Spr.	1584	Argentina Krmplh.	283
Amphibola Nyl.	1454	Argillacea (Müll.)	1507
Amphidoxa Stzb.	585	Argilliseda Duf.	794
Amplificans Nyl.	1023	Argyracea (Bory)	348
Amplissima Strt.	233 nota	Armorica Nyl.	198
Ampsagana Stzb.	662	Armstrongiæ (Jon.)	729
Amylacea Ach.	62 c.	Aromatica (Sm.)	1057
Analoga Nyl.	1233	Arridens (Nyl.)	795
Anatolodia (Mass.)	1137	Arthonia	1347—1401
Andensis Nyl.	845	Arthonioides (Fée)	1402
Anema	72—74	Arthonoidea Nyl.	1286
Angolense Nyl.	890	Arthroodes Nyl.	756
Angolensis Müll.	1093	Articulata (L.)	228
Anguilliformis (Tayl.)	1237	Asbolodes Nyl.	65 c.

	No.		No.
Ascensionis (Ach.)	437	Aurigera Fée	940
— (Müll.)	643	Australe Laur.	90
Aschersonii Müll.	1482	— Müll.	627
Aspera (Eschw.)	230	Australis Arn.	627
— Flk.	125	Austroafricana Strt.	259
— Laur.	348	Azureum (Sw.)	51
— Müll.	860		
— Stzb.	674	Bacillaris (Ach.)	144
Asperella (Hmp.)	523	Badia (Moug.)	359
Aspistea Afz.	1527	Badiopallens Nyl.	1112
Assentiens Nyl.	49 c.	Bæomyces	93—94
Assimilata Nyl.	57 c.	Baileyi Strt.	230 n.
Assimile Nyl.	102	Balfourii (Cromb.)	119
Assimilis Nyl.	1226	— (Müll.) <i>Graph.</i>	1262
Astroidea Ach.	1383	— (Müll.) <i>Lecan.</i>	564
— (Clem.)	446	— Müll. <i>Roccella</i>	213
Astrothelium	1585	Barbeyana Müll.	1048
Astuta Nyl.	1501	Barbifera Nyl.	427
Athallina (Müll.)	601	Basaltica (Müll.)	76 c.
Athroa (Ach.)	1155	Beccariana (Bagl.)	1397
Athroocarpa (Dub.)	767	Beccarii (Bagl.)	557
Atlantica (Müll.)	1001	Bellidiflora (Ach.)	141
Atra (Huds.)	578	Benguelensis Nyl.	614
— Pers.	1306	Bessalis Nyl.	1391
Atrichoides Nyl.	305	Biatoridea Nyl.	611
Atroalba (L.)	1113	Bicolor (Ehrh.)	246
Atroalbella Nyl.	1131	— (Müll.)	624
Atroalbida Nyl.	647	Bischoffii (Hepp)	659
Atrobrunnea (Ram.)	1103	Bistorta (Müll.)	1190
Atrocæsia Nyl.	49 c.	Bogotana Nyl.	701
Atrofusca (Müll.)	1255	Boivini Wain.	137
Atrorimalis Nyl.	1302	Boliviensis Nyl.	847
Atrorimata Nyl.	759	Bonplandiæ Fée	1290
Atrorufa Müll.	1361	Borbonica Del.	121
Atrosulfurea (Whlnb.)	730	— Nyl.	1520
Atrovirens (L.)	1185	Bormiensis Nyl.	723
Atrula Müll.	1309	Borreri Turn.	320
Atrynea (Ach.)	689	Bourgæana Mnt.	192
Attenuata (DR.-Lév.)	1407	Brachycarpa Müll.	1239
Attenuatum Stzb.	1445	Brachyloba Müll.	429 a.
Aurantiaca (Lightf.)	574	Brachyphylla Müll.	304
— (Müll.) <i>Arthon.</i>	1401	Brachyspora Müll. <i>Lecan.</i>	752
— (Müll.) <i>Lecan. erythro-</i>		— (Müll.) <i>Lecid.</i>	1207
<i>leuca</i> v.	627	Brebissonii (Del.)	58
— (Tayl.)	488	Brevicula Stzb.	771
Aurantiella Nyl.	579	Brevior Cromb.	176
Aurata (Sm.)	379	— Nyl.	411
Aurea Schaer.	608	Breviuscula Nyl.	925
Aureola (Ach.)	415, 27 c.	Broccha Nyl.	50 c.
— Tuck.	1028	Bruniana (Müll.)	1014
Aurigera (Bory)	356	Bryophila (Ehrh.)	833

	No.		No.
Bryophiloides Nyl.	836	Candida Stzb.	617
Bullata Müll.	538	Candidata Stzb.	678
Bullatum (Ach.)	60	Candidissima (Nyl.)	797
Bumamma Nyl.	1046	Candidum Müll. <i>Chiod.</i>	1411
Burgessii (Lightf.)	63	— Müll. <i>Stigmat.</i>	1346
Buxea Stzb.	1077	Canescens (Dicks.)	1157
Byrsinum (Ach.)	41	Canina (L.)	396
C acticola Nyl.	648	Capense Krmplh.	1433
Cæsia (Hffm.)	448	— (Mass.)	1344
— Müll.	1220	Capensis (Ach.)	414
Cæsiellum Müll.	1345	— (Fée)	841
Cæsioalba (Fw.)	878	— Mass.	192
Cæsiocandida Nyl.	1052	— Müll.	1310
Cæsiopallida Nyl.	1054	— Nyl. <i>Parmel.</i>	315
Cæsiopicta Nyl.	29 c.	— Nyl. <i>Ramal. usneoid.</i> v.	173
Cæsioplumbea Nyl.	829	— Spr.	197
Cæsiorubella Ach.	707	— Stzb.	1396
Cæsium (Clem.)	35	— Tayl.	1183
Cæspitellum Nyl.	65	Caperata Bory	372
Cæspiticia (Pers.)	139	— (L.)	254
Cæspitosa Nyl.	13	Caperatula Nyl.	254 a.
Cæspitosum (Tayl.)	57	Capillaris (Strt.)	846
Cafra Mass.	1110	Capitata (Ach.)	189
Calcareea Hepp	662	— Nees	841
— Müll.	829	Capitulifera Müll.	230
— (L.)	781	Capreolina Stzb.	994
— (Turn.)	1306	Carbonacea (Anzi)	1058
Calciamans Stzb.	662	Caribæa (Ach.)	1353
Calcifraga Müll.	819	Cariosa (Ach.)	118
Calciseda DC.	1461	— Laur.	190
Calcivora (Ehrh.)	951	Carneoflava Müll.	743
— Mass.	1461	Carneofusca Nyl.	600
Caldesiana (Bagl.)	1127	Carneola Ach.	915
Calicariformis Nyl.	182	Carneorufa Müll.	931
Calicaris (Hffm.)	177	Carolinæ (Mass.)	1167
Calicium	82—84	Carphinea (Fr.)	569
Callaina Stzb.	1166	Carpoloma (Del.)	355
Callopisma Ach.	560	Carpophizans Tayl.	303
— Krmplh.	566	Cartilaginea (Ach.)	533
Callopismoides (Müll.)	604	Caruncula Stzb.	979
Callopiza Nyl.	549	Catalipa Mass.	1183
Calospora Müll.	1384	Caudata Nyl.	1110
Campestris Schaer.	682	Cavatum Ach.	895
Cana (Ach.)	245	Cedrina Nyl.	1209
Canaliculata Tayl.	176	Centrifuga (L.)	270
Canariensis (Ach.)	220	Centroleuca (Mass.)	561
— (Bory)	370	Centrophora Müll.	124
Candelabrum (Bory)	153	Ceranoides (Borr.)	19
Candicans (Dicks.)	625	Ceratina Ach.	230
Candida (Web.)	1050	Ceratoniae (Ach.)	842.
		Ceratophylla (Sw.)	115

	No.		No.
Ceratophyllina Nyl.	130	Ciliata Nyl.	280
Cerealis Stzb.	1212	Ciliatus Nyl.	14 c.
Cerebellina Stzb.	1181	Cinchonæ Ach.	1545
Cerebrinella Nyl.	80 c.	Cinctula Müll.	880
Cerina (Ehrh.)	612	Cinefacta Stzb.	731
Cerinella Nyl.	613	Cineraria Nyl.	53 c.
Ceruchis (Ach.)	160	Cinerascens (Bagl.)	1134
Cervicornis (Ach.)	128	— Müll.	274
Cervina (Pers.)	808	— Nyl. <i>Pannar. rubig.</i> v.	494
Cetraria	238—239	— Nyl. <i>Physec. specios.</i> v.	429
Cetrarioides Del.	296	— Stein	408 a.
Cetrata (Ach.)	280, 18 c.	Cinerea Müll.	843
Ceuthocarpa (Sm.)	856	Cinereocæsia (Sw.)	838
— Whlnb.	91 c.	Cinereocarnea (Eschw.)	703
Chalybeia Borr.	1193	Cinereocincta Müll.	1161
Chalybeiformis (L.)	244	Cinereovirens Schaer.	1056
Cheileum Ach.	31	Cineritia (Ach.)	912
Cheresina Müll.	788	Cinerosa (Ach.)	1515
Chevalieri (Leight.)	1307	Cinnabarina Ach.	571
Chiarinii Jatta	358	— Wallr.	1351
Chiodecton	1408—1418	Cinnabariza Nyl.	572
Chlarodes Nyl.	703	Cinnamea Stzb.	954
Chlarona (Ach.)	693	Circinata (Pers.)	676
Chlarotera Nyl.	694 ^{bis} c.	Cricumalbata (Del.)	619
Chlaroterodes Nyl.	705	Circumducta Nyl.	1318
Chloantha (Ach.)	450	Circummunita Nyl.	782
Chlorea	219—221	Circumscissum Müll.	1410
— Stzb.	257	Cirtensis Flag.	1195
Chloritis Tuck.	1021	Citrina Ach.	570
Chloroconia Tuck.	1278	— Nyl.	1061
Chloromeloides Nyl.	59	— Tayl.	802
Chloromelum (Sw.)	57	Citrinella Ach.	83 c.
Chlorophæa (Flk.)	116, 6 c.	Cladia	158
Chorophæata Nyl.	1002	Cladina	148—157
Chorophæoides Wain.	119	Cladonia	112—147
Chorophana (Whlnb.)	798	Clavulus Stzb.	822
Choropoliza Nyl.	1199	Clopima Whlnb.	1448
Chlorotica (Ach.) <i>Lecid.</i>	999	Coarctata (Ach.)	794
— (Ach.) <i>Verruc.</i>	1479, 92 c.	Coccinatum Stzb.	1575
Chondrodes (Mass.)	952	Coccinea Müll.	464
Chondroidea Wain.	119	Coccinella Stzb.	589
Chordalis (Ach.)	120	Coccocarpia	486—490
Chrysentera Mnt.	1256	Coccocarpioides Nyl.	1049
Chrysophthalma (L.)	414	Cocoës (Sw.)	470
Cicatricosa Ach.	1421	Coenogonium	908—911
— Müll.	864	Cœruleata Stzb.	1142
Cicatrisans (Ach.)	1405	Coilocarpa (Ach.)	694
Cichoracea Del.	405	— Strt.	a. sine numero
Ciliaris (L.)	177, 424	Coilocarpum (Müll.)	20 ^{bis} a.
Ciliata DC.	282	Collata Strt.	771
— Mnt.	1556	Collema	17—40

	No.		No.
Collemodium	75—77	Consobrina Nyl.	1491
Collemopsis	69—71	Conspersa (Ehrh.)	259
Combea	212	Conspersula Nyl.	261
Cometia (Ach.)	357	Conspondens Nyl.	982
Comma (Ach.)	1214	Conspurcans DR.-Mnt.	1456
Communis DC.	864	Constans Nyl.	745
Comorensis Krmplh.	385	Constrictans Nyl.	264
Compacta Nyl.	921	Contexta (Pers.)	1263
Compactum (Mass.)	1440	Contigua Fr.	1078
Complanata Fée Arthon. 1375 n.		Continens Nyl.	1126
— (Fée) <i>Strigula</i>	1562	Contingens Nyl.	1176
— (Sw.)	175	Contorta Bory-Chaub.	326
Complanatula Müll.	1375	— Fw.	173
Complicatum (Sw.)	1427	— (Hffm.)	781
Compressa Stzb.	680	— Müll.	1160
Compressum Ach.	89	Contractula Müll.	947
Conchilobum Fw.	21	Controversa (Mass.) Lecan.	670
Concinnum Fw.	28	— (Mass.) <i>Verr. macrost.</i> v.	1468
Concolor Spr.	260	Contumescens Nyl.	1437
Condaminea (Fée)	1234	Conturbata Müll.	334
Conferta (Dub.)	727	Convexa Müll.	473
Confervoides Nyl.	54 c.	Convexula Müll.	275
Configurans Nyl.	950	Cora	1424
Confinis Stzb.	1388	Coralligera	429 a.
Confluens (Müll.) Lecan.	631	Corallina Müll.	282
— Müll. <i>Microthel.</i>	1554	Coralliphora (Tayl.)	431
— Müll. <i>Stereoc.</i>	107 ^{bis} a.	Coralloidea Mey.-Fw.	282
— (Znk.)	1419	Coralloides Mass.	11
Confluescens Nyl.	20 c.	— Pers.	91
Confluxa Stzb.	1554	Corcyrense Arn.	23
Confragosa (Ach.)	654	Corniculata Krmplh.	292
Confragosula Nyl.	664	Corniculatum Nyl.	1429
Confusum Nyl.	1417	— Wallr.	78
Congesta Stzb.	1328	Cornuata Ach.	197
Congestula Nyl.	96 c.	Cornucopioides (L.)	140 n.
Congoëse Müll.	1270	Cornuta Fw.	231
Congregabilis Stzb.	1464	— (L.)	9 c.
Congregatum Nyl.	518	Cornutula Nyl.	144
Congruens Ach.	276 a.	Coronata Fée	318 ^{bis} a.
Conica (Müll.)	1543	Corrugata Nyl.	713
Coniocarpa Fw.	320	Corrugis Fr.	281
Conioptoides Nyl.	81 c.	Corticata Wain.	145
Conizæa (Ach.)	741	Corticicola Arn.	668
Conizopta Nyl.	739	Costata (Flk.)	6 c.
Conjuncta Nyl.	1024	Cotaria (Ach.)	794
Conoidea Fr.	1490	Crassa Del.	201
Conoplea (Ach.)	494	— (Huds.)	527
Consanguinea (Müll.) Arthon. 1393		— Mass.	1461
— Müll. <i>Ramal.</i>	208	— Nees	928
Consimillima Nyl.	85 c.	Crassescens Stzb.	753
Consimillimum Nyl.	1589	Crassilabra Müll.	746

	No.		No.
Crassior Stzb.	676	Damæcornis (Sw.)	370
Crassius Nyl.	57	Dasæa Strt.	222 n.
Crassulum Nyl.	892	Dasypoga (Ach.)	225
Crassum Dub.	1338	— Tuck.	167
Crenata Nyl.	278	Dasypogoides Nyl.	226
— (Tayl.)	1042	Dealbata (DR.)	801
Crenulata (Dicks.)	724	— (Fr.)	574
Cretacea (Müll.) <i>Lecanact.</i>	1274	Debanensis (Bagl.)	1127
— (Müll.) <i>Lecanora</i>	623	Debilis Müll.	161
Crinalis Hepp	327	Deceptoria Nyl.	918
— (Schleich.)	424	Decipiens (Arn.)	553
Crinita Ach.	283	— (Hdw.)	1040
Crispa Ach.	239	— Mnt.	200
— (Pers.)	438	Decorticata Flk.	129
Crispata (Ach.)	136	Decussata (Müll.)	1013
Crispatula Despr.	195	Deducens Nyl.	1272
— Nyl. <i>Cladin. rangif.</i> v.	148	Deducta Nyl.	1272
— Nyl. <i>Heppia</i>	515	Deformis (L.)	142
Crispum (Huds.)	27	Degenerans Flk.	130
Cristatum (L.)	24	Delævata Nyl.	1159
Crocata (L.)	353	Delisei (Dub.)	332
Crocea (Ach.)	408	Deminuta Cromb.	462
Crocynia	912	— Müll.	535
Cruda Stzb.	728	Deminutula Stzb.	658
Cruentatum Nyl.	1583	Dendriscoïdes Nyl.	165
Cruentulum Nyl.	1573	Dendriscum Nyl.	68
Cruentum Mnt.	1574	Dendritella Nyl.	1369
Crustaceum Schaer.	25	Dendritica (Pers.)	330
Crustulata (Mass.)	671	Dendriticella (Müll.)	1243
Crustulosa Ach.	481	Densirostra (Tayl.)	222
Cryptocarpa (Müll.)	559	Denticulata (Eschw.)	174
Cryptostoma Müll.	868	Denudata (Hffm.)	414
Cryptothele	4	— Nyl.	1516
Cuneata Strt.	a. s. n.	Denudatum Flk.	104
Cuneiformis Kunze	204	Depauperata (Müll.) <i>Lecan.</i> v.	37 c.
Cupularis (Hdw.)	914	— (Müll.) <i>Lecan. ægypt.</i> v.	621
Curnowii Cromb.	202	Deplanata (Müll.)	563
Cuspidata (Ach.)	201, 13 c.	Derelecta Mass.	412
Cyanescens (Pers.?, Ach.)	721	Dermatiscum	507
Cyanocentra Nyl.	963	Dermatodes Mass.	1474
Cylindrica (L.)	484	Deserti Nyl.	529
— Mnt.	422	Desquamescens (Fée)	1498
Cymosa Cromb.	4 c.	Detecta Stzb.	672
Cyphelliiformis Cromb.	41 c.	Detersa (Krmplh.)	1467
Cyrtella Ach.	965	— Nyl.	434
Cyrtocheila Stzb.	975	Detrita (Mass.)	725
Dactylinoideum Nyl.	60	Deuteria Nyl.	830, 51 c.
Dactyliza Nyl.	429	Dévelans Nyl.	1280
Dactylopholis Nyl.	827	Devestiens Nyl.	1222
Dædaleum (Fw.)	67	Diagraphoides Nyl.	1288
		Diaphanum (Sw.)	53

	No.		No.
Diaphora Ach.	123	Domingensis (Pers.)	1026
Diaphorella Stzb.	1294	Dracænarum Müll.	1292
Diaphoroides Müll.	1217	Dregeana Hmp.	340
Diaziana Mass.	861	Dregei Laur.	95
Dichodium	41—42	Dubyana Hepp	1174
Dichonema	1425	Dubyanoides Hepp	1175
Dichotoma Del.	373	Dufourii (Del.)	364
Dichroa Hook. fil.-Tayl.	30 c.	— (Fr.)	527
— Nyl.	384	Duriæi Mnt.-Berk. <i>Myriang.</i>	79
Dicksonii (Gmel.)	72 c.	— Mnt. <i>Opegr.</i>	1320
Difficilior Nyl.	1316		
Diffracta (Ach.)	534	Edatoni Cromb.	68 c.
Diffusibilis Nyl.	760	Ebersteinii Stein	233 a.
Digitata (L.)	143	Ecrustacea Nyl.	751
Dilatata Nyl.	439	Ectanea (Ach.)	415
— Stzb.	414	Ectaneoides Nyl.	419
Dimidiata (Arn.)	443	Effusa Mass.	1125
Diphyella Nyl.	42 c.	— (Sm.)	997
Diplomorpha Müll.	1562	Ehrenbergii (Müll.)	552
Diplotommoides (Bagl.)	768	Elæochroma Ach.	1062
Diplotrema Nyl.	894	Elæophæa Nyl.	641
Diplotypa Nyl.	134	Elapheia Stzb.	712
Dirina	841—844	Elatior Strt.	883
Dirinæformis Mass.	718	Elegans Ach.	546, 36 c.
Dirinaria Nyl.	1285	— (Fée)	1559
Dirinea Nyl.	1332	— (Müll.)	1276
Disciformis Fr.	1160	Elegantissima Nyl.	544
Discoideum Ach.	899	Elevata Nyl.	1298
Discolor (Bory)	383	Emersa (Müll.) <i>Arthon.</i>	1394
— (Duby)	758	— (Müll.) <i>Lecanactis</i>	1275
Discors Stzb.	1168	Emplecta Ach.	188
Disjectans Nyl.	1282	Endiviæfolia (Dicks.)	112
Disjuncta Krmplh.	459	Endocarpea (Fr.)	804
Disjungenda Cromb.	70 c.	Endocarpiscum	517—519
Disparilis Nyl.	290	Endocarpon	1427—1447
Dispartita Nyl.	494	Endochrysa Del.	377
Dispersa (Mass.)	1134	Endochrysea (Hmp.)	453
— (Pers.)	680	— Müll. <i>Lecid.</i>	934
Dispersula Nyl.	1365	— Müll. <i>Parm. adpressæ</i> v.	267
— Stzb.	1135	Endococcinea (Krb.)	454
Dissectula Nyl.	282	Endococcus	1587—1588
Dissimilis Nyl.	351	Endoleuca Müll.	469
Dissipans Nyl.	1503	— Nyl.	984
Distensa Strt.	222 n.	Endoleucella Stzb.	988
Disterrina Nyl.	1494	Endoleucoides Nyl.	289
Distrata Nyl.	1151	Endomiltodes Nyl.	263
Divaricata (L.)	252	Endopyxinea Müll.	445
— Nyl.	154	Enteroleuca Ach.	1066, 58 c.
Diversa Nyl.	1279	Ephēbe	6
Dolichorhiza Nyl.	403, 26 c.	Epibrya Ach.	45 c.
Dolomitica (Mass.)	1470	Epidermidis Ach.	1546

	No.		No.
Epigæa (Pers.)	1182	Farinacea (L.)	178
Epipasta Strt.	1059	Farinaria Stzb.	171
Epiphylla (Fée)	1505	Farinosa (Flk.)	780
Epipolia (Ach.)	1155	Farinulenta (Müll.)	973
Episemoides Nyl.	1206	Fastigiata (Pers.)	183
Epixantha (Ach.)	640	Faveolata (Del.)	351 ^{bis} a.
Epulotica (Ach.)	793	Favulosa (Ach.)	1421
Eradicata Nyl.	264	Féei Mnt.	1561
Erecta Stein	228 a.	Fenestralis Stzb.	186
Erioderma	505—506	Fenzliana (Mass.)	770
Erodens Nyl.	1457	Ferax DR.-Mnt.	32
Erosa (Eschw.)	388	— (Müll.)	697
Erubescens Stein	228 a.	Fernandezii Clem.	891
Erumpens Cromb.	77 c.	Ferruginea (Huds.)	581
Erysibe Ach.	750	Ferruginella Nyl.	583
— (Mass.)	581	Ferruginosa (Müll.)	1504
Erythrantha Mnt.	197	Fibrillifera Nyl.	923
Erythrella Ach.	577	Fibrosa (Fr.)	638
Erythrina (Müll.)	559	— Müll.	681
Erythrocardia Müll.	330	Fibula (Hffm.)	119, 7 c.
— (Tuck.)	464	Ficta Stzb.	652
Erythrocarpa (Del.)	490	Fimbriata (L.)	119
Erythroleuca Nyl.	627	Firma (Nyl.)	114
Esculenta (Pall.)	786	Firmula Strt.	230 n.
Eudoxa (Müll.)	545	Fissum Nyl.	905
Euelpis Stzb.	575	Flaccidum Ach.	20
Euglypta Tuck.	865	Flammea (L. fil.)	421
Euphorea (Flk.)	1065	— Strt.	222 n.
Eurysperma Stzb.	1480	Flavens Nyl.	875
Euthelia Nyl.	1519	Flavescens Del.	348
Evernia	250—252	— Hmp.	730
Evernioides Nyl.	193	— Krmplh.	295
Exalbata (Müll.)	561	Flavicans (Müll.)	526
— Nyl.	1258	— (Sw.)	408
Exalbida Nyl.	136	Flavicunda (Ach.)	1078
Exasperata (Ach.)	329	— Tuck.	862
— (Bagl.)	593	Flavidonigricans Müll.	693 ^{bis} a.
— Müll.	226 a.	Flavocœrulescens (Hornem.)	1080
Excrescens Arn.	282	Flavocrocea Nyl.	1027
Exigua (Ach.)	650	Flavorubens Nyl.	562
— (Chaub.)	1062	Flavovirens Fée	714
Exiguum Müll.	72	Flexilis Strt.	228 n.
Exilis Mich.	409	Flexuosa Stzb.	709
Expallens (Pers.)	736	— (Tayl.)	227
Exserta Nyl.	1235	Flœrkeana (Fr.)	147 ^{bis} a.
Extabescens Nyl.	1449	Florida (L.)	222
Extrita Nyl.	756	Fluviatile (Web.)	1428
F allax (DC.)	241	Foliolosa Nyl.	135
— Müll.	174	Foratum Nyl.	897
— Nyl.	1547	Fossarum Duf.	1036
		Fossulans Stzb.	794

	No.		No.
Fossulata Duf.	380	Gemmata Ach.	1489
Fraterculans Müll.	1343	Gemmifer (Tayl.)	1587
Fraudulenta Hepp	959	Geniculata Hook. fil.-Tayl.	205
— Krb.	959	Geographica Bagl.	1066
Fraxinea (L.)	182	— (L.)	1185, 84 c.
Fritzei (Stein)	976	— (Mass.)	693
Fructuosa Stzb.	755	Geoleuca Nyl	1047
Fruticulosa Eversm.	787	Geotropa Stzb.	1021
Fuciformis (L.)	217	Gibba Nyl.	1586
Fucina Stzb.	1074	Gibbosa (Ach.)	778
Fucoides Laur.	370	Gilva (Thunb.)	354
Fulgens (Sw.)	541	Gilvella Nyl.	606
Fulgescens Nyl.	39 c.	Girardi DR.-Mnt.	12
Fuliginellum Nyl.	18	Glaberrima Bory	177, 178
Fuliginosa (Dicks.)	362	— Laur.	376
— (Fr.)	335	Glabra Nyl.	682
Fuliginosum Müll.	56	— (Schaer.)	336
Fulva (Schwein.)	574	Glabrans Nyl.	337
Fulvastra Krmph.	603	Glabrata Ach.	1533
Fulvoglauca (Flag.)	628	Glabriuscula Nyl.	1534
Fumida Nyl.	1211	Glaucina (Müll.)	1252
Fumidula Stzb.	1545	— Stzb.	478
Fumosa (Hffm.)	1104 n.	Glaucina Ach.	1465
Fumosum Ach.	900	Glaucocarpa Müll.	291
Fungoides (Sw.)	94	Glaucocarpoides Nyl.	823
Furcata Bory	154	Glaucocarpum Nyl.	35
— (Huds.)	133	Glaucofuscula Nyl.	611
Furfuracea (L.)	177, 250	Glaucolivescens Nyl.	642
Furfurosula Nyl.	942	Glaucoma (Hffm.)	713
Furvum Ach.	21	Glaucophæodes Nyl.	1032
Fuscata (Schräd.)	805	Glaucum (L.)	241
Fuscellina (Müll.)	599	Glebaria Stzb.	953
Fuscescens Müll.	107 ^{bis} a.	Glebosa Fw.	693
— Nyl.	87	Globosa Tayl.	1500
Fuscoatra (L.)	1107	Glóbulosa Flk.	961
Fuscoatrata Nyl.	1108	Glomerulosa (DC.)	1062
Fusconigra Nyl.	1392	Glomulifera (Lightf.)	386
Fuscorubella (Hffm.)	993	Glyphis	1419—1423
Fuscorubens Nyl.	944	Gonionema	1
Fuscorubescens Nyl.	945	Gorgonea (Eschw.)	155
Fuscotabulata Stzb.	1109	Gossypina (Sw.)	912
Fuscula Müll.	746 ^{bis} a.	Gracilenta Ach.	172
— Nyl.	1451	— Müll.	11 c.
Galactiniza Nyl.	679	Gracilis Ach.	232
Galactites (DC.)	1366	— (L.)	125, 8 c.
Galactophylla (Willd.)	428	— Pers.	168
Garovaglii (Mnt.)	1447	Granifera Ach.	762
Geina Stzb.	1075	Granosum Nyl.	19
Gelida (L.)	540, 33 c.	Granularis (Müll.)	661
Gemella (Eschw.)	1404	Granulata Nyl.	687
Geminata Fw.	1115	Granulatum (Ach.)	25

	No.		No.
Granulifera (Ach.)	430	Hœhneliana Müll.	173 ^{bis} a.
— (Müll.)	565	Hoffmanni (Ach.)	781
Granulosa (Müll.)	558	Holocarpa (Ehrh.)	607
— (Nyl.)	150	Holophæa Mnt.	796
Granulosula Nyl.	1069	Holoxantha Nyl.	413
Graphidiza Nyl.	1314	Homala Krmplh.	1060
Graphis	1213—1268	Homaloplaca Nyl.	710
Grisella (Flk.)	1105	Homalotera Nyl.	69 c.
Grossa Pers.	1187	Homodium	43—44
Grumulosa Duf.	1284	Horiza (Ach.)	691
Guepinii (Moug.)	519	Horizontalis (L.)	404
Guineensis Nyl.	1521	Hormidiella Strt.	1401 n.
Guthnickii (Næg.)	387	Hottentotta Thunb.	343
Gyalectella (Mass.)	777	Hüfferiana (Müll.)	665
Gymnoloma Nyl.	349	Humilis Müll.	174
Gypsacea Ach.	834	Hybrida Stzb.	1138
— (Sm.)	528	Hymenina (Ach.)	402, 25 c.
Gyrocarpoides Müll.	1304	Hyperelloides Nyl.	83
Gyrophora	480—485	Hypochrysa Krmplh.	430, 464
Gyrostomum	907	Hypoclysta Nyl.	259
		Hypoclystoides Müll.	259
Hæmatites (Chaub.)	615	Hypocrocina Nyl.	692 ^{bis} a.
Hæmatodes (Mass.)	571	Hypoglauca Nyl.	412
Hæmatomma (Ehrh.)	769	Hypoleia Nyl.	278
Hæmorrhanta Stzb.	1468	Hypoleuca (Ach.)	430
Hageni (Ach.)	719	— Müll. <i>Melasp.</i>	1406
Halonia Ach.	1183	— Müll. <i>Parm. tiliac. v.</i>	301 a.
Hanningtoniana Müll.	294 ^{bis} a.	Hypoleucites Strt.	321
Haplotellus Nyl.	1588	Hypomecha (Ach.)	215
Hartungiana (Hepp)	1062	Hypomela (Del.)	369
Heerii Hepp	960	Hypomelænum Nyl.	506
Helminthocarpon	1269—1270	Hypothelia Nyl.	1558
Helva Stzb.	704	Hypotropa Nyl.	281
Helveticum (Ach.)	392		
Henatomma Ach.	906	Imbricata Mass.	415
Hepaticum Ach.	1433	Imbricatum Nyl.	1436
Heppia	508—516	Imitans Nyl.	826
Herbacea (Huds.)	387	Immergens Nyl.	1481
Hesseana Mey.	350	Immersa Müll.	844
Heterobola Nyl.	1010	Immutans Nyl.	1150
Heterochroa Müll.	870	Impallescens Nyl.	889
Heteroclita (Ach.)	1535	Implectens Nyl.	170
Heterodea	159	Implexa (Hffm.)	245
Heterospora Nyl.	1268	— Laur.	181
Hildebrandtii Krmplh.	294	Implexum Nyl.	911
— Müll.	92	Imponens Stzb.	632
Hildenbrandii Fr.	643	Incarnatus Thunb.	1042
— (Gar.)	55	Incisa Fr.	534
Hirsutula Nyl.	32 c.	— (Tayl.)	265
Hirta (L.)	223	Incolor Nyl.	814
Hochstetteri Fr.	1462	Inconsequens Nyl.	980

	No.		No.
Inconveniens Nyl.	1006	Isidiosa Müll. <i>Parm. con-</i>	
Incrassata Nyl.	197	<i>persæ</i> f.	259
Incretata Stzb.	1051	— Müll. <i>Parm. latiss.</i> f.	292
Incuriosa Nyl.	1152	— Müll. <i>Parm. meizosp.</i> f.	312
Incusa (Krb.)	750	Isidiosella Nyl.	574
Inflexum Nyl.	62, 3 c.	Isidiosum Müll.	35 a.
Infossa Nyl.	1538	— Nyl.	67
Innata (Müll.)	1129	Isidiza Nyl.	317
— Nyl.	1497	Italica Gar.	1127
Inquinata (Ach.)	884	J amaicensis Ach.	235
Inscripta Stzb.	1073	Jubata (Ach.)	243
Insignata Stzb.	324	K erguelenina Nyl.	94 c.
Insignis Nyl.	140	Kerguelensis (Tuck.)	44 c.
Insueta Nyl.	95 c.	Kotschyi Krmplh.	996
Insularis (Mass.)	1125	L abiosa Stzb.	686
Integra Nyl.	1470	Labrosa Ach.	344
Integrata Nyl.	440	Labyrinthica Ach.	1423
Interalbata Nyl.	1289	Lacerum (Sw.)	45
Intercalaris Krmplh.	229	Lachneum (Ach.)	1433
Intercedens (Müll.)	1005	Laciniosa (Duf.)	637
Interfulgens Nyl.	573	Lactaria Stzb.	1094
Intermedia Del.	207	Lactea Flk.	1090
— Hepp <i>Clad. Flærk.</i> f. 147 ^{bis} a.		— (Mass.)	601
— (Hepp) <i>Lecid.</i>	998	Lactens Stzb.	1076
— Müll. <i>Lecid. alboatræ</i> v.	1155	Lacteum Müll.	1342
— Müll. <i>Phyc. flavic.</i> v.	408	Lacunosa Fr.	219
— Stzb.	1185	Lævigata (Ach.)	649
Intermediella Wain.	131	— Nyl.	949
Intermixta Nyl.	962	— (Sm.)	307
Interplexum Nyl.	910	Lævigatum (Ach.)	391
Interpositum Nyl.	909	Lævior Nyl.	532
Interrupta Ehrenb.	809	Lævis (Eschw.)	236
— Stzb.	273	Lævius (Nyl.)	57
Intersita Nyl.	60 c.	Lahmii (Müll.)	1592
Interstes Nyl.	1496	Lallavei (Clem.)	568
Intervenians (Müll.)	620	Lamprocheila (DC.)	592
Interversans Nyl.	390	Lanceolata Nyl.	187
Intexta Nyl.	1223	Lanestris (Ach.)	244
Intricata (Del.)	349	Lanuginosum (Ach.)	521
— (Desf.)	422	Lapicida Ach.	1087
— Fée	1226	Laqueata Stzb.	816
Inundata (Fr.)	56 c.	Lateritia Nyl.	33 c.
Inusta Ach.	1245	Latissima Fée	292
Iridata Mass.	832	Latypiza Nyl.	1063
Isidiata Nyl.	348	Lavata Ach.	1117
Isidiiformis (Nyl.)	525	Laxa Müll.	265
Isidiigera Müll.	269	Lecanactis	1271—1280
Isidiophora Müll.	470	Lecanora	522—828
— Nyl.	464	Lecanoracea Müll.	319
Isidiopsis Nyl.	498		
Isidiosa Müll. <i>Lobarinæretig.</i> v. 367			

	No.		No.
Lecanorocarpa Krmpfh.	343	Leucoxanthella Stzb.	742
Lecidea	913—1208	Levis Müll.	20
Lecideina (Müll.)	621	Libricola (Fée)	1514
Lecideoides (Mass.)	1455	Lichinoidea Nyl.	341
Leioplaca (Ach.)	859	Lignyodes Stzb.	938
Leioplacella Nyl.	881	Limbata (Nyl.)	406
Leioplacoides Nyl.	904	— (Sm.)	361
Lenticularis Ach.	1192	Limitans Nyl.	1470
Lentigera (Web.)	529	Limosum Ach.	30
Leonina Stzb.	857	Linearifolia Nyl.	376
Leonora Spr.	260	Linearis Ach., Holl.	217
Lepadinum Ach.	903	Linita (Ach.)	368
Lepidella Nyl.	1325	Liparia (Ach.)	527
Lepideum Nyl.	17	Liparina Nyl.	626
Lepidoplaca Nyl.	555	Lithagoga Nyl.	828
Leprieuri Nyl.	908	Lithographa	1210—1212
Leprocaulon	109—110	Lithophila Ach.	1088
Leproloma	521	Lithotea (Ach.)	451
Leprosa (Bagl.)	1397	Livens Stzb.	730
Leptalea (Ach.)	441	Lividonigricans Müll.	734
— (DR.-Mnt.)	1483	Loandensis Nyl.	1315
Leptobola Nyl.	1097	Loangana Müll.	1349
Leptoclada Müll.	1216	Lobaria	368—369
Leptococca Stzb.	730	Lobarina	366—367
Leptoderma Nyl.	24 c.	Lobulata Smmrf.	547
Leptogidium	68	Locuples Stzb.	1485
Leptogium	45—66	Longissima Ach.	233
Leptogramma Müll.	1379	Lophæum (Ach.)	47
Leptographa Nyl.	1305	Lophyra (Ach.)	25 c.
Leptoloma Müll.	933	Lorea Fr.	231
Leucanthes Strt.	1489 n.	Lucens Nyl.	36 c.
Leucina (Müll.)	1121	Lugens Stzb.	818
Leucinum Müll.	82	Lugescens Nyl.	1518
Leucocarpa Müll.	1360	Lugubris (Mnt.)	1444
Leucocheiloides Nyl.	977	— Pers.	346
Leucolepis (Whlnb.)	497	Lurida (Mnt.)	491
Leucoloma (Müll.)	624	— (Sw.)	916
Leucolytum Nyl.	86 c.	Luridatula Nyl.	720
Leucomela (L.)	425	Luridescens Jatta	1313
Leucophora Nyl.	1271	Luridofuscescens Krmpfh.	353
Leucoplacoides Nyl.	1065	Luridula Nyl.	492
Leucospila Stzb.	754	Lusitanicum (Schaer.)	394
Leucostephana Stzb.	987	Lutata Stzb.	1123
Leucostieta (Tuck.)	498	Lutea (Dicks.)	913
Leucostomum Nyl.	1568	Luteoalba (Turn.)	602
Leucothrix (Tayl.)	466	Luteola Del.	247
Leucotripta Nyl.	992	— (Schrad.)	987
Leucoxantha (Müll.) Lecan.		Lutescens (DC.)	736
— (Amphiloma)	551	— (Eschw.) Krmpfh.	873
— Müll. Lecan.	742	Lutosa Schaer.	1067, 1194
— Spr.	1029	Lychnea (Ach.)	420

	No.		No.
Lygomma Nyl.	66 c.	Mediterranea Stzb.	659
Lynceodes Nyl.	1244	Medusina (Bory)	157
Maciformis Delile	194	Medusula	1281—1282
Macilenta (Ehrh.)	145	Megacarpa Nyl.	1017
Mackenziei Jon.	5	Megaleium Nyl.	242
MacOwaniana Krb.	88 n.	Meiolepis Nyl.	509
Macrocarpa Nyl.	1021	Meiospora Nyl.	1082
Macrocarpum Nyl.	67	Meiosporiza Nyl.	1105
— Rich.	99 ^{bis} a.	Meissneri Tuck.	469
Macrophthalma Hook. fil.-		Meizospora Nyl.	312
Tayl.	34 c.	Melænum Ach.	22
Macrophylla (Bory)	359	Melaleuca Dub.	871
— (Schaer.)	129 n.	Melampepla Tuck.	969
— Stzb.	418	Melanocarpa Müll. <i>Clad.</i>	
Macrostoma Duf.	1468	<i>Flerk. f.</i>	147 ^{bis} a.
Macrotheca Fée	1390	— (Müll.) <i>Lecan.</i>	624
Maculans (Arn.)	1205	— Nyl.	1022
Maculata Müll.	163	Melanophthalma Duf.	1372
Maculosa Stzb.	1106	— Müll.	1336
Madagascarea Nyl.	159	— (Ram.)	530
Madagascareum Nyl.	92	Melanopis Strt.	1387 n.
Madagascariensis (Müll.)	1249	Melanops (Müll.)	659
Maderense Stein	903	Melanospila Müll.	1326
— Tuck.	108	Melanospora Nyl.	886
Maderensis (Krmplh.)	1019	Melanotheca	1565—1566
Madreporiforme Eschw.	1577	Melanothrix Laur.	162
Magara (Kotschy)	423	Melanthina Stzb.	1169
Malacea (Ach.)	395	Melaspilea	1402—1406
Mamillana Afz.	1522	Melaxanthus (Ach.)	14 c.
Mamillaris (Gouan)	1043	Melopta Nyl.	1089
Mammosum Hepp	88 n.	Membranacea (Ach.)	397
Mansuræ Flag.	767	— (Laur.) <i>Ram. Yemens.</i> v.	186
Marcidula Nyl.	1179	— Laur. <i>Umbilic.</i>	476
Margacea Whlnb.	1469	Menziesii (Ach.)	56
Marginale (Huds.)	22	Mendax Müll.	1422
Marginata Müll.	382	Meridionalis Stzb.	86
Marginatum Fée	1577	Mesographa Nyl.	1251
Marginellum (Sw.)	52	Metzleri Hepp	31
Marmoratum (Schleich.)	1591	Meyeri (Stein) <i>Helminthoc.</i>	1269
Maroccana Müll.	1300	— (Stein) <i>Lecid.</i>	1025
Mascarena Nyl.	132	— Stein <i>Stereoc.</i>	106 n.
Massula Stzb.	586	Microcarpa (Ach.)	1160
Mastoidea (Ach.)	1495, 1496	— (Müll.)	570
Mastoideum (Afz.)	1570	— Nyl.	799
Mastophorizans (Müll.)	1537	Microcephala Nyl.	88
Maura Whlnb.	1459	Microlepidea (Müll.)	646
Mauritiana Nyl.	936	Microphthalma Hook.-Tayl.	645
Maurula (Müll.)	597	— Mass.	645
Medialis Tuck.	1003	Microphylla (Sw.)	499
Medians Nyl.	635	Microphyllum (Ach.)	75
		Microporum Mnt.	893

	No.		No.
Microps Stzb.	645	Multipuncta (Turn.)	853
Microsperma Müll.	1122	Murina Stzb.	1138
— Nyl.	935	Murorum (Hffm.)	553
— (Tul.)	1204	Muscicola (Sw.)	66
Microspora (Arn.)	781	Muscigena Eschw.	146
— Müll.	1317	Muscigenum Stzb.	902
Micula Fw.	1553	Muscorum (Sw.)	1011
Millegrana (Tayl.)	983	Mutabilis (Ach.)	789
Milliaria Fr.	970	— Fée	930
Milvina (Whlnb.)	657, 43 c.	— (Müll.)	503
Miniaeum Tuck.	584	— Tayl.	314
Miniatum (L.)	1427	Mycoporum	1589—1592
Minor Cromb.	408	Myriangium	79
— Fée	457	Myriocarpa (DC.)	1179, 77 c.
— (Krmplh.)	839	Myrrhina (Ach.)	676
— Laur.	357		
— Müll. <i>Pertus. comm.</i> v.	864	Nana Stzb.	1347
— Müll. <i>Ram. dendrisc.</i> v.	165	Nanosperma Stzb.	1122
— Nyl. <i>Ram. cuspid.</i> f.	201	Nanum (Ach.)	109
— Nyl. <i>Umbil. pustulat.</i> f.	475	— Müll.	1414
Minuscula (Müll.)	622	Natalense Nyl.	1415
— Nyl. <i>Ramal.</i>	7	Natalensis Hszl.	1035
— Nyl. <i>Synalissa</i>	206	— Nyl.	945
Minutissima Bagl.	805	Nebulosa (Hffm.)	496
Minutula (Bagl.)	81	Nemathora Mnt.	1557
— (Hepp)	1139	Nematodes Nyl.	197
— (Müll.) <i>Lecan.</i>	660	Nemoxyna (Ach.)	119
— (Müll.) <i>Verruc.</i>	1524	Neocaledonica Nyl.	864
Minutulum Müll.	1408	Nephromium Nyl.	391—394
Mixta Bagl.	1098	Nervosula Müll.	178
Mixtum Nyl.	101	Nesiotis Stzb.	1178
Molleri Henriq.	1034	Newtoniana Henriq.	825
Molliuscula Ach.	277	Nidifica (Tayl.)	227
Molliusculum (Fée)	912	Nidulans Stzb.	531
Mollusca Ach.	212	Nigra (Huds.)	501
Molybdæa Pers.	487	Nigrata Müll.	1021
Molybdiza Nyl.	306	Nigrella (Mass.)	1068
Molybdoplacum Nyl.	2 c.	Nigrescens Ach.	35
Monocarpus Thunb.	145 n.	— Pers.	1456
Montagnei Bél.	218	Nigritula Nyl.	1180
— Fw.	1116	Nigrocineta (Mnt.)	502
— (v. d. Bosch)	1272	Nigrocinetum (Ehrnb.)	1413
Mortarii Arn.	1471	Nigroclavata Nyl.	1192
Mortualis Stzb.	1198	Nigropallida Nyl.	1055
Mougeotiana (Del.)	356	Nilgherrensis Nyl.	297
Mougeotii Schaer.	271	Nitens (Pers.)	764
Mougeotioides Nyl.	644	Nitida Schrad.	1531
Mühlenbergii Ach.	1430	Nitidella (Flk.)	1531
Mülleri Stzb.	1477	Nitidiuscula (Nyl.)	527
Multifida Fw.	259	Nitidula Müll.	8
Multipartitum Sm.	40	Nodulosa Cromb.	172

	No.		No.
Nodulosa Müll.	165	Ochroplaca Nyl.	1224
Normandina	1426	Ochrotropa Nyl.	1118
Norrini Lamy	1000	Ochroxantha Nyl.	922
Notha Ach.	1295	Octospora Nyl.	859
— Müll.	690	Oculea Stzb.	1566
Nubila Stzb.	783	Odoardii (Bagl.)	582
Nucula (Ach.)	1508	Oleagina Stzb.	333
Nuda Müll.	294	Olivacea Müll.	205
Numida Stzb.	670	Olivaceum Stzb.	1440
Numidella Nyl.	70	Olivetorum (Ach.)	284
Numularia DR.-Mnt.	13	Omphalaria	12—16
Numularioides Nyl.	15	Omphalodes (L.)	327
Numularium (Duf.)	73	Opaca Duf.	1038
Obesa (Pers.)	432	Opacata Stzb.	1196
Obfuscans Nyl.	1458	Opalina Stzb.	955
Obfuscata (Müll.)	1191	Opegrapha	1283—1328
— Nyl.	88 c.	Opegraphoides (Bagl.)	1397
Obliquans Nyl.	630	— (DC.)	781
Obliterata (Pers.)	553	Orbicularis (Al. Braun)	365
Oblongata Müll.	1160	Orbiculata Stzb.	1092
Oblongula Müll.	1378	Orichalcea Stzb.	576
Obryzum	78	Orientalis Stzb.	1473
Obscura (Ehrh.)	450	Ovata (Fée)	1218
— Krb.	1351	Oxyclada Müll.	1238
Obscurata (Müll.)	1532	Pachnodes Stzb.	1165
— Nyl.	612	Pachycarpa Duf.	1020
Obscuratula Nyl.	516	Pachyospora (Mass.)	1181 n.
Obscurella (Lahm)	598	Paleacea (Fr.)	522
— Müll.	460	Pallescens (L.)	774
Obscurior Nyl. Pannar.	31 c.	Pallida Klehbr.	1564
— Nyl. Stict. intric. v.	349	Pallidior (Müll.)	571
Obscurum Müll.	106 ^{bis} a.	Pallidocinerea (Flk.)	1088
Obsessa Krmplh.	430, 464	Pallidonigra (Thunb.)	1071
— (Mnt.)	447	Pallidum Ach.	1438
Obtecta Müll. Saged.	1493	Palmarum (Müll.)	1215
— Müll. Verruc.	1463	Palmatum (Huds.)	54
— Nyl.	1259	Palmeti Stzb.	1037
Obturatorum (Ach.)	895	Palmicola Ach.	1370
Obumbrata Nyl.	1111	Panizzii DN.	210
Obvelata (Müll.)	1395	Pannaria	491—479
Obvirescens Stzb.	940	Pannularia	498—504
Ocellata Flk.	1145	Panniformis Ach.	327
— Nyl.	1330	Pannosa (Sw.)	493
— (Vill.)	840	Papillaris (Del.)	369
Ochracea (Schaer.)	580	Papillata Hmp.	475
Ochraceofulva (Müll.)	566	Papillosum Ach.	1571
Ochrocarpa Nyl.	1029	Papulosa (Ach.)	477
Ochrochlora Flk.	123	— Nyl.	1539
Ochroidea Stzb.	1110	Papyrina Nyl.	360
Ochroleuca (Ehrh.)	248	Paragraptia (Müll.)	1246

	No.		No.
Parasema Ach.	1062	Perplexa Stzb.	276
Parasemoides Nyl.	1386	Perplexum Nyl.	1409
Parasemopsis Nyl.	79 c.	Perrimosa Nyl.	52 c.
Paraspeirea Stzb.	1085	Perrottetii Fée	1572
Parathelium	1555	Perrugata Nyl.	331
Parella (L.)	775	Perspersa Stzb.	262
Parietina (L.)	415, 27 c.	Persulfurata Nyl.	256
Parisiensis Nyl.	691	Pertenuescens Nyl.	548
Parmelia	253—346	Pertusaria	849—889
Parmeliarum Smmrfr.	1204	Pertusella Müll.	866
Parmeliopsis	347	Perumbratum Nyl.	1446
Parvifolia Pers.	923	Perusta Nyl.	64 c.
Parvifoliella Nyl.	924	Peruviana (Del.)	358
Parvula (Müll.)	1528	Peruviensis Krmplh.	218
— Nyl.	1323	Pervarians Nyl.	1250
— Stzb.	580	Petræa (DR.-Mnt.)	1210
Paschale (L.)	103	Petricola Nyl.	474
Patellaria Stzb.	1119	Pezizoidea Ach.	1242
Patellarioides Nyl.	1012	Phæophana Strt.	260
Patellata (Bagl.)	511	Phæophthalma Nyl.	683
Patinifera (Tayl.)	389	Phæostoma Nyl.	61 c.
Paupercula (Müll.)	1509	Phalerata Ach.	178
Pauperrimum (Müll.)	1579	— Stzb.	917
Pavonia (Web.)	1424	Pharaonis (Müll.)	1552
Pavoniana Fée	1213	Philippea Mnt.	1194
Pechuelii Müll.	898	Phlæodes (Strt.)	494
Pelia (Strt.)	69	Phlæoleuca Nyl.	785
Peltasta (Ach.)	152	Phlogina (Ach.)	610
— Strt.	1042 n.	Phlyctella	845—846
Peltata (DC.)	532	Phlyctis	847—848
Peltatum Tayl.	1442	Pholidota (Mnt.)	495
Peltigera	395—405	Phricodes Strt.	321
Peltoloma Müll.	1091	Phycopsis Ach.	216
Peltula	520	Phyllocarpum (Pers.)	67
Pendulina (Schrad.)	178	Phylloica Nyl.	1382
Percænoides Nyl.	811	Physcia	408—468
Perforans Stzb.	1202	Physodes (L.)	344
Perforata (Jacq.)	280, 18 c.	Pichneum (Ach.)	50
Peribyssiza Nyl.	1033	Picila (Mass.)	1400
Pericarpa Nyl.	352	Picta (Sw.)	464
Periculosa (Del.)	527	— (Tayl.)	601
Perigrapta Stzb.	1140	Pilophoron	111
Perisidiosa Nyl.	266	Pilosa Stzb.	342
Perlata (L.)	282	Pinastri (Schaer.)	693
Perlutescens Nyl.	737	Pinguis Fée	1530
— Stzb.	873	Pinguiuscula Delile	749
Perminiata Nyl.	571	Piperis (Spr.)	939
Perminimum Nyl.	1590	Pityrea (Ach.)	436
Permodica Stzb.	1143	— (Flk.)	117
Pernigratum Nyl.	44	Pityrella (Strt.)	504
Perpallida Nyl.	1031	Placenta Ehrenb.	810

	No.		No.
Placidium (Mass.)	574	Præstans Nyl.	1506
Placodina Nyl.	1064	Prævalescens Nyl.	39 c.
Planata Ach.	1245	Prevostii (Fr.)	792
Planipes (Müll.)	1511	Procellarum (Mass.)	1172
Platycarpa Ach.	1081	Prolixa (Ach.)	330
— Nyl.	1285	Prolixula Nyl.	338
Platycarpum DR.-Mnt.	31	Prominens Müll.	1478
Platygrapha	1329—1336	Propinqua Nyl.	1374
Platyphylla Nyl.	375	Proposita Nyl.	991
Platysma	240—242	Prosecha Ach.	688
Platysmoides Nyl.	282	Prosodea Afz.	1291
Platystomum Mnt.	1567	Proteiformis Mass.	753
Pleospora Müll.	703 ^{bis} a.	Proximum Nyl.	100, 5 c.
Plicata (L.)	227	Pruinifera Nyl.	537
Plicatile (Ach.)	76	Pruinosa Müll.	746 ^{bis} a.
Plicatissimum Nyl.	74	— (Sm.)	817
Plumbea Moug.	374	Pruinosum Nyl.	895
— (Sw.)	486	Prunastri (L.)	177, 251
— Tayl.	95	Psammophila Nyl.	510
Plumbeella Müll.	446	Psaromela Nyl.	765
Plurifera Nyl.	1247	Psarophana Nyl.	763
Plurilocularis Nyl.	1188	Psilothallina Stzb.	1466
Pluriseptata Nyl.	1549	Pubera (Ach.)	414
Pocillum (Ach.)	116	Pubescens (Ach.)	6
Podocarpa (Bél.)	426	Puiggarii Müll.	52 ^{bis} a.
Podocarpiza Stzb.	427	Pulchella (Borr.)	1426
Podocarpoides Müll.	427	— (Schwein.)	145
Pœppigii (Nees-Fw.)	17 c.	Pulicaris (Lightf.)	1297
Poliotera Nyl.	594	Pulmonacea (Ach.)	369
Polita Laur.	370	Pulposulum Nyl.	26
Pollinaria Ach.	190	Pulposum Ach.	25
— Krmph.	211	— DR.-Mnt.	28
Polycarpa (Ehrh.)	417	Pulverulenta (Del.)	119
— (Müll.)	1227	— Müll.	222
Polycarpon (Schaer.)	23	— (Schreb.)	433
Polycarpum Fée	506	— Tayl.	399
Polydactyla (Neck.)	402, 25 c.	Pulvinata (Müll.)	559
Polydactyloides Nyl.	401	— (Schaer.)	16
Polymorpha Ach. <i>Arthon.</i>	1373, 1374	Pulvinatulum Nyl.	26
— Ach. <i>Ramal.</i>	188	Pulvinatum (Hffm.)	46
Polymorphum Müll.	1337	Pulvinatus Bréb.	3
Polystroma	891	Pulvinigera Müll.	429 a.
Porinoides Stzb.	807	Pumicicola Nyl.	682
Porphyrica (Arn.)	1156	Pumilio Stzb.	820
Porracea Stzb.	748	Punctella Nyl.	1530
Præfinita Nyl.	667	Punctiformis Ach.	1377
Prælata Stzb.	1171	Pungens (Ach.)	135
Prælonga Strt.	228 n.	Punicea (Müll.)	590
Præmicans Nyl.	584	— (Sm.)	771
Præperlata Nyl.	19 c.	Pupula (Ach.)	1541
		Purior Nyl.	1145

	No.		No.
Purpurata Stzb.	455	Reducta Nyl.	1263
Purpurinum Leight.	1576	— Stzb.	1205
Pusilla Dub.	204	Redundans Nyl.	34
— (Mass.)	553	Reflexa Nyl.	639
Pusillum Flk.	84	Rehmanni Stzb.	757
— Jatta	1581	Relicina Fr.	318
Pusiola Müll.	204 ^{bis} a.	Renschiana (Müll.)	1228
Pustulata (Ach.)	870	Repanda (Fr.)	842
— (L.)	475	Resupinata Strt.	a. s. n.
Pycnocarpa Nyl.	859	Reticulata (Duf.)	513
Pycnoclada (Gaud.)	150	Retigera (Bory)	367
Pygmæa DR.-Mnt.	216	Retirugella Nyl.	472
Pyracea (Ach.)	601	Reuteri Schaer.	536
Pyrenastrella Nyl.	1548	Revoluta Flk.	302
Pyrenastrum	1584	Revolutella Nyl.	316
Pyrenopsis	5	Rhizophora (Delile)	784
Pyrenuloides (Mnt.)	1513	Rhyparoleuca (Mass.)	1197
— Müll.	1371	Ricasolia	382—390
Pyrinoicum (Ach.)	1585	Richardianum Mnt.	98
Pyrrhroma (Ach.)	601	Rigida (Fée)	1234
Pyropœcila Nyl.	609	— (Pers.)	164
Pyxidata (L.)	116, 6 c.	Rigidula (Bory)	348
Pyxine	469—474	— Müll.	218
Quadrifera Nyl.	1248	Rimalis Pers.	1301
Quartzicola Stzb.	1486	Rimata Nyl.	1333
Quartzina Stzb.	1102	Rimosula Flag.	732
Quassiæcola (Fée)	1235	Rimulosa Mnt.- v. d. Bosch	1216
Quassiæcolum Fée	1582	— Müll.	301
Quaternella Nyl.	1328	Rinodinea Mass.	1145
Quercizans (Mich.)	358	Robiginans Stzb.	821
Quinquesseptatula Nyl.	1550	Robillardii (Müll.)	36
Quinquetubera (Delile)	71	Roboris Duf.	653
Quintana Henriq.	1164	Roccella	213—218
Rabenhorsti Hepp	753	Rodriguesii Nyl.	508
Racemosa Hffm.	133 ^{bis} a.	Roseus Pers.	93
Radians Müll.	1245	Rosulata (Ach.)	441
Radiata (Mass.)	1351	Rubella (Fée)	1354
— Nyl.	494	Rubelliana Ach.	616
— (Schreb.)	119	Rubicola Crouan	966
Radicans Nyl.	801	Rubiginans Nyl.	821
Radicata Nyl.	520	Rubiginea Mich.	222 n.
Ramalina	160—211	Rubiginosa Pers.	479
Ramosa (Bory)	130	— (Thunb.)	494
Ramulosa Nyl.	1385	Rubina Ach.	927
Ramulosum Ach.	99 n.	Rubra (Hffm.)	772
Rangiferina (L.)	148	Rubrocinctum (Ehrnb.)	1416
Recepta Krmplh.	1130	Rubrotincta Strt	222 n.
— (Müll.)	1492	Rudecta Ach.	321
Recobariana (Mass.)	1127	Rudescens Nyl.	1232
		Rudis Stzb.	1114
		Rufa (Willd.)	371

	No.		No.
Rufata Stzb.	995	Scopulorum (Dicks.)	197
Rufescens Ach.	1432	Scorigena (Mnt.)	543
— (Borr.)	813	Scoriophila (Mass.)	539
— Hffm.	398	Scortea (Ach.)	299
Rufopallens Nyl.	1439	Scotinopsara Nyl.	1452
Rufus (Huds.)	94 n.	Scripta (L.)	1221
Rugosa (Ach.)	879	Scrobiculata (Scop.)	366
Rugulosa (Ach., Krb.)	1160	Scruposa (L.)	832
Rupestris DC.	864	Scutula Stzb.	815
— Schrad.	1460	Scyphifera (Del.)	117
Rupicola Bagl.	464	— Wain.	152
Russula Ach.	927	Scyphuliferum (Ach.)	907
Rusticorum Stzb.	1146	Seductrix Stzb.	633
Rutenbergii Krmplh.	381	Semiatra Müll.	1287
Rutilans (Ach.)	415	Semigranularis (Müll.)	420
Sabuletorum (Schreb.)	971	Sepiacea (Pers.)	112 c.
Saccatiloba Tayl.	285	Septenaria Stzb.	1334
Salacinum Bory	97	Sericeum (Sw.)	1425
Sambuci Pers.	747	Serpentina (Ach.)	1221
Sanguinaria (L.)	1186	Setosa (Ach.)	462
Sanguinea Müll.	1160	Sexocularis Nyl.	1525
Sanguineoatra (Wulf.)	941	Sigmoidea (Müll.)	1189
Santensis Tuck. <i>Lecid.</i>	926	Silacea (Ach.)	1087
— Tuck. <i>Verruc.</i>	1523	Silicea Fée	88 n.
Sarcogynoides Krb.	1096	Simensis (Hochst.)	406
Sarcopyrenia	1589	Simile Bagl.	771
Sarmentosa Ach.	246	Simplex (Dav.)	819
Saxatilis (L.)	325	Simpliciuscula (Leight.)	1245
— (Schaer.)	1177	Simulans (Müll.)	1551
Saxeti Stzb.	268	Sinuatum (Huds.)	48
Saxicola Ach.	1303	Sinuosa Pers.	371
— Müll.	1486	— (Sm.)	311
— Næg.	2	Siphula	95—96
— Nyl.	424	Sirosiphon	2—3
— (Pollich)	534	Smaragdula (Whlnb.)	812
Saxosa Stzb.	542	Sobolifera (Del.)	126
Scabrosa Ach.	230	Socotrana Müll. <i>Lecanor.</i>	734
Scalpturata Ach.	1247	— (Müll.) <i>Lecid.</i>	986
Schaereri (Fr.)	1435	— Müll. <i>Pertus.</i>	863
Schenckiana Müll.	258	Socotranum Müll.	1412
Schinziana (Müll.)	1173	Socotrina (Müll.)	1260
Schizographa	1407	Soleirolii (Duf.)	221
Schizostoma Müll	874	Solorinina	406—407
Schleicheri (Ach.)	800	Solstitiale (Hochst.)	1430
Schoana Jatta	956	Somaliensis Müll. <i>Arthon.</i>	1359
Schraderi (Bernh.)	64	— Müll. <i>Parmel.</i>	287
Schweinfurthii Müll. <i>Endo-</i>		Sophistica Nyl.	1229
— <i>carpiscum</i>	517	Sophodella Nyl.	972
(Müll.) <i>Lecanora</i>	656	Sophodes Ach.	647
— Müll. <i>Parmel.</i>	293	Sorediata (Ach.)	471
		— Nyl.	292

No.		No.	
Sorediata Schaer. <i>Parm. perl.</i> f. 282		Stenospora (Hepp)	1009
— (Schaer.) <i>Physc. pictæ</i> v. 464		Stenotera Strt.	278
Sorediella (Müll.)	1266	Stephanodes Strt.	73 c.
Sorediifer Cromb.	14 c.	Stephanophoron	67
Sorediifera Arn.	222	Stereocaulon	97—108
— (Bagl.)	574	Steriza (Ach.)	1081
— (Del.)	348	Steropea Krb.	574
— Müll. <i>Parm. perl.</i> f.	282	Sticta	370—381
— Müll. <i>Parm. urceol.</i> f.	294	Stictaria Nyl.	1368
— (Müll.) <i>Physc. hypoleuceæ</i> v. 430		Stictella Mass.	343
— Nyl.	407	Stictica (DR.-Mnt.)	1283
Sorediosa Müll. <i>Parm. abyss.</i> v. 286		Stictina	348—365
— Müll. <i>Pyxin. Meissn.</i> v. 469		Stigmatea Müll.	1403
Sorediosula Müll.	226	Stigmatidium	1337—1346
— Nyl.	171	Streblocarpa (Bél.)	1230
Sorediza Nyl.	1086	Strepsodea Nyl.	1099
Sororiella Müll.	1311	Striatella Nyl.	182
Soyauxii Müll.	288	Striatula (Ach.)	1241
Spadicea (Hepp)	148	Strictula (Del.)	358
Sparsa (Tayl.)	463	Strigosa Ach.	222
Speciosa (Wulf.)	429, 28 c.	Strigula	1556—1564
Speirea Ach.	1084	Strigulina Nyl.	1331
— (Tayl.)	1042	Striguloides Nyl.	1331
Sphærale Ach.	1418	Stupparia Stzb.	937
Sphærioides Mnt.	1578	Stygioides Nyl.	22 c.
Sphærophoroides Tuck.	99	Styloumena Strt.	1046
Sphærophoron	89—92	Subæquans Nyl.	323
Sphærospora Nyl.	253	— Strt.	a. s. n.
Sphærolifera (Tayl.)	147	Subæruginasces Müll.	1160
Sphinctrina	85—88	Subalbans Nyl.	1569
— (Mnt.)	524	Subalbescens Stzb.	955
Spodochroa (Hffm.)	480	Subalbicans Nyl.	948
Spodopsara Nyl.	1453	Subalbula Nyl.	1148
Sprengelii Ach.	1572	Subampliata Nyl.	177
Sprucei (Leight.)	1472	Subanceps Nyl.	673
Spuria (Ach.)	400, 23 c.	Subangulosa Nyl.	682
— Schaer.	1125	Subareolata Müll.	859 ^{bis} a.
Squamans Stzb.	339	Subargyracea Nyl.	349
Squamariata Nyl.	274	Subassentiens Nyl.	63 c.
Squamata (Flag.)	1099	Subcæsia Nyl.	753
Squamifera Stzb.	1101	Subcalcarea (Müll.) <i>Lecanactis</i>	1273
Squamosa Hffm.	138, 11 c.	— Müll. <i>Lecanora</i>	791
Squamulosula Flag.	808	Subcalicaris Nyl.	184
Squarrosa Müll.	178	Subcaperatula Nyl.	255
Stanleyi (Stein)	1149	Subcarnea (Sw.)	717
Staphylea (Ach.)	116	Subcerata Stzb.	605
Stellans Stzb.	1095	Subcerina Nyl. <i>Lecanora</i>	605
Stellaris (L.)	441	— Nyl. <i>Lecanor. erythrol.</i> v.	627
Stellulata Tayl.	1138, 82 c.	Subcircinata Nyl.	677
Stenophylla Ach.	259	Subcœrulea (Delile)	790
Stenophylloides Müll.	267 a.	Subcomosa Nyl.	425

	No.		No.
Subcomplanata Nyl.	180	Subpunicea Stzb.	590
Subconfragosa Nyl.	655	Subradiosa Nyl.	716
Subconspersa Nyl.	265	Subrangiferina Nyl.	155
Subcontinua Nyl.	67 c.	Subrudecta Nyl.	322, 21 c.
Subcornuta Nyl.	122	Subseriale Nyl.	1341
— Strt.	231 n.	Subsimplex Müll.	136 a.
Subcrenulata Nyl.	698	Subsinuosa Nyl.	313
Subcrustosum Nyl.	1444	Subsordida Nyl.	837
Subcuprea Nyl.	831	Subspadicea (Müll.)	1008
Subcyphellata Nyl.	380	Subspuria Nyl.	402
Subdealbata Nyl.	858	Substellulata (Müll.)	648
Subdecepiens Nyl.	919	Substigmatea (Müll.)	1153
Subdisciformis Leight.	1163	Subsulfurata Nyl.	47 c.
Subdispersa Nyl.	1079	Subterebratum Nyl.	901
Subducta Nyl.	1529	Subternella Nyl.	968
Subelegans Nyl.	550	Subtristis Nyl.	1154
Subelevata Nyl.	1298	Subtruncata Müll.	877
Subeminula Nyl.	1377	Subtubulosa Fr.	239
Subfarinacea Nyl.	1231	Subunicolor Nyl.	578, 38 c.
Subferruginosa Cromb.	52 c.	Subvaginata Nyl.	853 ^{bis} a.
Subflavens Müll.	876	Subvarians Nyl.	1367
Subflavicans Nyl.	700	Subvitellina (Müll.)	565
Subfraxinea Nyl.	185	Subvittata Nyl.	201
Subfulgescens Nyl.	556	Subwebbiana Nyl.	199
Subfurvum Müll.	20	Succedanea Nyl.	758
Subfusca (L.)	682	Suffixa Strt.	a. s. n.
Subfuscata Nyl.	964	Sulcata Tayl.	326
Subfuscescens Nyl.	310	Sulfurata Nees	279
Subgeniculata Nyl.	209	Sulfurea (Hffm.)	733
Subgranulata Nyl.	699	Sulfureoatra Nyl.	766
Subgranulosa Nyl.	415	Sulfurosula Stzb.	1070
Subhispidula (Nyl.)	525	Superjecta Nyl.	75 c.
Subimmersa Fée	1060	Superpallens Nyl.	870
Subinquinans Nyl.	1203	Supplicata Nyl.	78 c.
Subintricata Nyl.	744	Suspica Nyl.	634
Sublævigata Nyl. <i>Parm.</i>	308	Swartziana Ach.	1383
— Nyl. <i>Ram. Bourg. v.</i>	192 a.	Sylvana Krb.	956
Sublævis Nyl.	389	Sylvatica (Hffm.)	149
Sublecanorina Nyl.	1335	— (L.)	363
Sublucida Stzb.	929	Sylvestris Nyl.	692
Subluridum Nyl.	42	Symmicta Ach.	738
Sublutescens Nyl.	48 c.	Sympagea (Ach.)	561
Subnigrescens Müll.	20	Symphorea (DC.)	9
Subnivescens Nyl.	1261	Synalissa	7—11
Subnothella Nyl.	1296	Syringea (Ach.)	767
Subnuda Müll.	165		
Subobscura Nyl.	441	Tabacina (Ram.)	1044
Subpapillosa Nyl.	177 a.	Tabularis (Thunb.)	95
Subpicta Nyl.	467	Tartarea (L.)	773
Subplana Nyl.	71 c.	Taylori (Hook. fil.)	15 c.
Subplicatile Nyl.	77	Tecta Stzb.	1493

	No.		No.
Tegularis (Ehrh.)	554	Tinctorum Despr.	300
Teicholyta Ach.	567	Tingitana Salzm.	203
Teichophila Nyl.	668	Tiruncula Nyl.	14
Teichophiloides Stzb.	669	Tœpferi Stein	1045
Tenax Ach.	29	Tomentosa (Sw.)	352
Tenebricosa (Ach.)	958	Tomentosum (Hffm.)	393
Tenella Ach.	1219	Toninioides (Bagl.)	1128
— Müll.	119	Tornata Ach.	485
— (Scop.)	442	Torulosa (Thunb.)	96
Tenellum Müll.	1445	Toxodes Strt.	a. s. n.
— Nyl.	1441	Trachycarpus Strt.	16 c.
Teneriffensis Nyl.	722	Trachylia	80—81
Tenuifida Nyl.	278	Trachytica (Mass.)	779
Tenuior Nyl. <i>Coccoc. molybd.</i> v.	487	Transvaalensis (Müll.)	1476
— Nyl. <i>Lecan. tart.</i> f.	773	Transvaalica Stzb.	1144
— Nyl. <i>Opegr. atræ</i> f.	1306	Tremelloides (Ach.)	49
— Nyl. <i>Physc. obesæ</i> f.	432	Tremotylum	890
Tenuis Krmpfh.	197	Tremula Müll.	1559
— Müll. <i>Lecid.</i>	943	Tribacoides Nyl.	452
— Müll. <i>Ram. maculatæ</i> v.	163	Trichodea Ach.	234
— (Whlnb.)	546	Trichosporum (Müll.)	1555
Teretior Cromb.	218	Tricolor (With.)	967
Teretiuscula (Ach.)	448	Tricosa (Ach.)	1281
Terminata Stzb.	716	Tricosula Nyl.	1420
Terrena Nyl.	1083	Trifaria Stzb.	985
Terrestris Fr.-fil.	1473	Trilocularis Müll.	1364
— Stzb.	244	Triphragmia Nyl.	1158
Tersa (Fr.)	799	Triptophylla (Ach.)	500
Tessellatula Nyl.	87 c.	Tristiusscula Nyl.	74 c.
Testacea (Hffm.)	920	Tropica Ach.	1540
Tetraceræ Afz.	1502	— Müll.	1477
Tetraspora Nyl.	1233	Trunculus Stzb.	1542
Texana Tuck.	309	Trypanea Ach.	900, 1541
Thæodes (Mass.)	803	Trypetheliiformis Nyl.	859
Thaleriza Strt.	936 nota	Trypethelium	1567—1583
Thallina Ach.	714	Tubæformis (Hffm.)	119
Thamnidiella (Strt.)	265	Tuberculosa Fée	1021
Thelococcum	1593	Tumidula Strt.	1336
Thelotrema	892—906	Turbinata (Pers.)	85
Thiocheila Stzb.	711	Turgescens Nyl.	107
Thiostoma Nyl.	872	Turgida (Ach.)	514
Thomensis Nyl.	1018	Tympanella (Ach.)	80
Thouarsii (Del.)	349		
Thrausta (Ach.)	171	Ulcerosula Nyl.	1358
Thunbergii (Ach.)	507	Ulophylla Mey.-Fw.	280
Thysanæoides Nyl.	39	— (Wallr.)	416
Thysanæum Ach.	38	Ulophyllum (Ach.)	240
Tiliacea (Hffm.)	301	Ulothrix (Ach.)	456
Timidula Nyl.	1264	Umbilicaria	475—479
Tincta (Müll.)	651	Umbilicariæformis (Hochst.)	361
Tinctoria DC.	214	Umbilicarioides Stein	484 ^{bis} a.

	No.		No.
Umbrina (Ehrh.)	721, 46 c.	Vesuvianum Pers.	105
Uncialis (L.)	156	Vigilans (Tayl.)	1016
Undulata Strt.	1322	Villosa (Ach.)	411
Unguigerum (Bory)	505	Vincentina Nyl.	715
Upsaliensis (L.)	776	Violascens Fw.	1387
Urceolaria	829—840	Virella (Ach.)	450
Urceolata Eschw.	294	Virens Nyl.	1458
Urvillei Del.	378	Virescens (Despr.)	512
Usnea	222—237	— Kunze	1563
Usneæ Rbh.	233 n.	— (Müll.)	1536
Usneoides (Ach.)	173	— Nyl.	415
Vaga Nyl.	1510	Viridascens Bagl.	582
Vagula Nyl.	978	Viridata Nyl.	1488
Valida Müll.	408	Viridicata Stzb.	1162
— Stzb.	1104	Viridissima (Fée)	1560
Varia (Ach.)	1357	Viridula (Schrad.)	1466
— (Ehrh.)	735	Vitellina Bab.	33 c.
Variabilis (Bory)	376	— (Ehrh.)	636
— Müll. <i>Arthonia</i>	1355	Vitellinella Nyl.	40 c.
— Müll. <i>Blastenia</i>	596	Vittata (Ach.)	345
— (Pers.)	617	Volvarioides (Fée)	1201
Varians Dav.	1386	Vorticosa (Flk.)	1072
— (Müll.)	1265	Vulcani (Bory)	106
Variata Stzb.	596	— Hepp	1124
Variatula Nyl.	55 c.	Vulcania Mnt.	191
Variiformis Nyl.	1380	Vulgata Ach.	1312
Variolosa (Pers.)	1517	Vulpina (L.)	219
Varium Tul.	415 n.	— Tuck.	1030
Vascesia (Mass.)	591	W awreana Mass.	854
Velana (Mass.)	574	Wawreanoides Nyl.	855
Velata (Turn.)	851	Webbii Mnt.	192, 196
Velatum (Müll.)	1580	Wilmsiana Müll. <i>Arthonia</i>	1350
Vellea (L.)	482	— (Müll.) <i>Verruc.</i>	1526
Velutinum (Ach.)	1	Wilmsii Stzb.	869
Venosum (Sm.)	1340	Woodii Stzb.	1035
Ventosa Mass.	1450	Wulfenii DC.	879
Ventricosa Mnt.	217	X anthina Müll.	282
Venusta (Ach.)	435	Xantholeuca Müll.	852
Venustula Stzb.	449	Xantholoma (Del.)	356
Vepallida Nyl.	887	Xanthomelæna Müll.	867
Verrucaria	1448—1554	Xanthophana Nyl.	802
Verruciforme (Ach.)	33	Xanthopoga Nyl.	224
Verrucosa (Mass.)	1053	Xanthothelia Müll.	879 ^{bis} a.
Versicolor Fée	1015	Xanthotropa Strt.	a. s. n.
— (Müll.)	624	Xylographa	1209
— (Pers.)	534	Xylographoides Müll.	1399
Verticillata (Hffm.)	127	Y emensis Ach.	186
Vesicularis (Hffm.)	1045	Z anei Mass.	1319
Vestita (Mnt.)	1004		
— (Müll.)	1277		

Finis.