

nia erumpentia, aggregata, vel sparsa, subglobosa, atra, ostiolo vix prominulo: stylosporae oblongo-ellipticae, sterigmate filiformi, subaequilongo fultae, primum hyalinae, uniloculares, tandem badio-fuscae, medio vel prope medium septatae, ibique non aut vix constrictae, 9—10 Mk. longae, 3—4 Mk. crassae. *Cladosporium ampelinum* Passer. nov. spec. Hyphae fasciculatae, simplices, strictae, apice, plus minusve torulosae, e fumoso hyalinae: spores terminales, fusiformes, fuscae, 5—7-septatae, basi saepe in articulum stipiformem (an germinantes?) productae. In foliis *Vitis silvaticae*. — *Cladosporium bacilligerum* Mont., *Puccinia Liliacearum* Duby Teleutosporae sat polymorphae, interdum uniloculares; Uredosporae subrotundae pallescentes. — *Pucc. Glechomae* DC., *Melampsora populina* Lév., *Trichobasis Pyrolae* Berk., *Valsa cerviculata* Fr., *Sphaeria ovalis* Passer. nov. spec. Perithecia primo epidermide tecta, dein denudata, oblongo-ovata, ostiolo minuto praedita. Asci oblongo-clavati, membrana tenuissima facile diffluente, aegre conspicui 8-spори. Sporidia subuniseriata, oblongo elliptica, simplicia, hyalina, biguttulata, 6 Mk. longa, 2 Mk. cr. — In caulibus siccis *Dauci Carotae*. — *Lophiostoma semilibera* Schem. Sferiac. ital., *Pleospora Alii* (Rabh.) Schem. Sfer., *Sphaerella Fuckelii* Passer. (= *Sphaeria Epilobii* Fuck. Symb.), *Asteroma Parmelioides* Terrac. (Ab Ast. parmelioides Desmaz. diff. sporis plerumque pyriformibus carneis. *Septoria Chelidonii* Desmaz., *Puccinia Menthae* Pers., *P. Compositarum* Schlecht., *Peridermium oblongisporium* Fuck.

Lichenologische Ausflüge in Tyrol. Von F. Arnold.
VI. Die Waldrast.

Hier werden folgende neue Formen beschrieben:

Flechten vom Glimmerschiefer.

Aspicilia ceracea Arn. exs. 9.226. — Thallus pallide testaceus, K—, medulla jodo non mutatur, gonidia luteo-viridia, — 12—16 mm. lat.; apoth. carnea, intus incoloria, hymen. jodo caerule., dein vinose rubens; sporae ovales, 8 in asco, 12—15 mm. lg., 6—8 mm. lat.

Lecidella goniophila Kk. Var. . . . aut propria species? Thallus minute granulatus, sordidus, apothecia minima, plana, nitida, atra, epith. viride, K—, hym. incolor, jodo caerule., hyp. leviter fuscescens, paraph. apice virides, sporae ovatae, 12—15 mm. lg., 7—9 mm. lat., 8 in asco.

Lecidella umbratilis Arn. exs. 438 (Synonyma forsant: *Lecid. glaucina* Rehm in lit. ad Lojka; *Lec. subinfidula* Nyl. Flora 1869, 295; *Lec. deplanatula* Müll. Flora 1870. 165.)) — Thallus sordidus, granulatus, non raro subnullus,

apoth. parva, atra, convexa; epith. atro-viride, K—, hymen glaucescens, sub microscopio leviter viridulum vel parte inferiore subincolor, jodo caerul, hyp. atroviride, subglaucum, paraph. leviter conglut., sporae subbacillares, unilocul., non raro cum 2—3 guttulis oleosis, 12—15—18 mm. lg., 4mm. lat., 8 in asco.

Lecidella atrofuscescens Nyl. Flora 1866 p. 371?? — Thallus areolatus, fuscescens, Chl—, medulla jodo caerulescens; apoth. nigra, thalli areolis immixta; epith. viridifuscum, hym. incolor, jodo caerulescens, hyp. fuscescens, sub microscopio lutescens; sporae ovatae, utroque apice plerumque obtusae, 17—23 mm. lg., 10—12 mm. lt. — Habituell ist die Flechte der *Lecidea fumosa* (fuscoatra) völlig gleich, unterscheidet sich aber durch die Jodfärbung der Markschicht, des helleren Hypoth. und die grösseren Sporen.

Lecidella botryosa Hepp in lit. ad Metzler 1862. — Thallus albidus, granulatus, non raro subnullus, medulla jodo non coloratur; apothecia atra, saepe botryoso-conferta, convexa; epith. atroviride, K—; hymen. viridulum, tenuiter sectum subincolor, jodo caerul., hyp. paullo sordidulum; paraph. conglutinatae, apice atrovirides; sporae uniloculares, ovatae, non raro subbacillares, 9—12 mm. lg., 4—5 mm. lat., 8 in asco.

Wasserflechten.

Thelidium rivale Arn. exs. 442. *Thel. Sprucei* var. *crassiseda* Anzi exs. 493 forsā non differt. — Thallus sordide lutescens vel pallide incanus, tenuis, effusus, apoth. majora, atra, perith. crassum, dimidiatum, hymen. jodo vinose rubens, paraph. et gonidia hymenialia desunt, sporae incolores, 3—6-septatae, septis non raro 1—2 divisis, 8 in asco, 48—60—78 mm. lg., 22—30 mm. lat.

Polyblastia abscondita Arn.? — Thallus sat tenuis, macula lutescente indicatus, apoth. atra, parva, immersa, perith. integrum, hym. jodo vinose rubens; nec paraph. nec gonidia hymen. vidi; sporae incolores, latae, 8 in ascis latis, 3—5-septatae, loculis circa 8—12; 30—36 mm. lg., 18—22 mm. lat.

Polybl. amosa Arn. var.? — Thallus tenuissimus, macula lutescente indicatus, apoth. parva, immersa, peritheec integr., hymen. jodo vinose rubens absque paraph. et gonidiis hymenialibus, sporae incolores pluriloculares, 5—7-septatae, loculis circa 16, 8 in asco, 40—44 mm. lg., 18—22 mm. lat.

Polyblastia — —. Thallus subnullus, macula pallida indicatus, apoth. parva, atra, paullo emersa; perith. integr., paraph. desunt, gonidia hymenialia (ni fallor) subrotunda, luteo-viridia, hymen. jodo vinose rubens, sporae incolores,

multiloculares, 9—11-septatae, loculis circa 36 (juniores 4—5 septatae, loculis majoribus circa 12), 52—58 mm. lg., 20—23 mm. lat., 8 in asco.

Flechten auf abgedorrtten Phanerogamen
und auf Moosen.

Biatora — —. Thallus sat tenuis, albidus, apoth. rufusca, parva, convexa, epith. fuscescens, K—, hym. hyp. incolor, jodo caerul., deinde vinose rubens, sporae 8 in asco, ovales, non raro subrotundae, 9—12 mm. lg., 6—7 mm. lat.

Bilimbia subtrachona Arn. var. *obtegens* Arn. Thallus albidus, minute granulosus, apoth. nigrescentia, epith. atroviride, tenuiter sectum viride, K—, hym. incolor, paraph. conglus., apice clavato-incrassatae, clava viridi, hym. jodo caerul., deinde vinose rubens, hyp. rufum, tenuiter sectum rufescens, sporae 3-rarius 5-septatae, juniores biloculares, utroque apice cuspidatae, rarius obtusiusculae, 20—28 mm. long., 3—4 mm. lat., 8 in asco.

Coniangium Koerberi Lahm. *Varietas*. Thallus subnullus, apoth. atra, minutissima, epith. obscure viride, hym. leviter lutescens, jodo saturate vinose rubens; hyp. rufescens, paraph. arcte adglutinat., sporae 6—8 in ascis supra rotundatis, incolores, 1-septatae, uno septo paullo latiore, altero elongato, 12—15 mm. lg., 5—6 mm. lat.

Sagedia cognata Arn. (n. sp.) — Thallus albidus, granulosus, muscos vetustos obducens, apoth. parva, atra, emersa, perithec. dimidiatum, hymen. jodo solum fulvescens, paraph. capillares, sporae 3-septatae, utroque apice subcuspidatae, incolores, 8 in ascis subcylindricis, 22—28 mm. long., 5—6 mm. lat.

Polyblastia eanescens Arn (n. sp.). — Thallus tenuissimus, macula sordida indicatus, apoth. parva, muscorum caulibus isidentia, atra, subglobosa, apice pertusa, perith. integrum, hymen. absque gonidiis hymenialibus jodo vinose rubens, paraph. desunt; sporae 8 in ascis latis, juniores 1-septatae, maturae 7—9-sept., multiloculares, 45—54 mm. lg. 18—25mm. lat.

Flechten auf Kalksteinen, Blöcken und Felsen.

Pyrenodesmia Agardhiana Mass. Var. *nigricans* Arn. Ausfl. Schlern, p. 640. Anzi 37, dext. — Thallus crassior, sordide fuscescens, apoth. nigricantia.

Aspicilia flavida (Hepp) a. f. *detrita* Arn. — Thallus tenuis, leviter rimulosus, sordidus, thalli gonidia luteo-viridia; apoth. minora, rotundata, atrocaerulea, epith. glaucum, K—; hym. hyp. incolor, jodo caerul., paraph. crassae, conglut., sporae ovales, non raro subrotundae, 9—15—18mm. lg. 9—12—14mm. lat., 8 in asco. — b. f. *rufescens* Arn.

— Thallus rimulosus, sordide rufescens, gonidia luteo-viridia, 15mm. lat., apoth. nigrescentia, supra thallum emersa, pallide marginata, rotunda; epith. glaucum, K—, hym. incolor, jodo caerul., hyp. lutescens, sporae 8 in asco, 15—24 mm. lg., 12—15 mm. lat.

Biatora — —. Thallus paullo areolato diffractus, granulatus, sordide albidus, K—, apoth. rufa, epith. fuscens, hym. hyp. incolor, jodo caerul., paraph. conglut., sporae ovaes, uniloculares, utroque apice obtusae, 8 in asco, 15—18 mm. lg., 6—10 mm. lat.

Biatora subdiffracta Arn. Flora 1869. *Var. alpestris* Arn. exs. 412. — Thallus sat tenuis, saepe subnullus, apoth. fusca, plana vel non raro botryoso-congesta, epith. subincolor, hym. jodo caerul., deinde vinose rubens, hyp. fuscum, K. vix coloratum, sporae tenues, 12mm. lg. 4mm. lat.

Catillaria (vel Biatorina) — — (forsan nova species). — Thallus sordidus, sat tenuis, leproso granulatus; apoth. atra illis *Cat. acrust.* simillima, epith. atroviride, sub microscopio viridulum, K—, hym. viridulum, jodo vinose rubens, hyp. nigrescens, tenuiter sectum fuscum, K—, paraph. non articulatae, apice viridulae, clava non incrassata, sporae biloculares, obtusae, 8 in asco, incolores, 10—12 mm. lg., 5 mm. lat.

Sagedia morbosa Arn. (n. sp. ?) — Thallus albidus sat tenuis, effusus, apoth. atra, emersa, hymen. jodo fulvescens, paraph. capillares, sporae 8 in ascis subcylindricis, juniores hyalinae, aetate fuscescentes, fuscae, paullo constrictae, 1—3 septatae, non raro cum 2—4 guttulis oleosis, 30—34 (—36) mm. lg., 12 (—15) mm. lat.

? *Sagedia subarticulata* Arn. (n. sp. ?) — Thallus subnullus, apoth. parva, atra, immersa, deformia, paraphyses (si verae adsint) robustae, hymen. post colorem caeruleum saturate vinose rubens, asci oblongi, circa 80—94mm. lg., 30—36mm. lat., sporae 8 in asco, juniores incolores, maturae fuscae, 1 (—3) septatae, rectae vel leviter curvatae, lateribus subarticulato-constrictae, 30—33 (—36) mm. lg. 8—9 mm. lat.

Polyblastia discrepans Lahm. f. *dilatata* Arn. Sporae 25mm. lg., 14—16 mm. lat.

Polyblastia dissidens Arn. (n. sp.) — Thallus tenuissimus, albidus, apoth. sat parva, atra, emersa, subglobulosa, singula vel accumulata, peritheci. integrum, paraph. capillares, hymen. jodo solum fulvescens, gonidia hymenialia desunt, sporae 8 in ascis oblongis, juniores hyalinae, maturae fuscae, dyblastae, deinde 3-septatae, septis saepe iterum divisis, quare sporae 5—7-loculares, 23—30 mm. lg. 10—12 mm. lat.

? *Sporodictyon clandestinum* Arn. (n. sp.). — Thallus subnullus, apoth. omnino sepulta, extus non visibilia, solum macula incana indicata, atra, perith. integr., hymen. absque gonidiis hymenialibus et paraph., sporae 8 in asco, incolores, latae, regulariter uno apice late rotundatae, altero attenuatae, 7—9-septatae, media sporae parte repetite divisae, 45—50—64 mm. lg., 24—38 mm. lat.

Rinden- und Holzflechten.

Biatora (Lecanora) Gisleri Anzi 380 Arn. 415. — Apothecia saepe lecanorina, epith. fuscescens, K—, hym. hyp. incolor, jodo caerul., gonidia non raro hypothecio subjacentia; sporae latiores quam apud *B. silvanam*, unilocul., raro pseudodyblastae, 15—17 mm lg., 6—7 mm. lat., 8 in asco.

Biatora — — (*Berengeriana corticola?*) — Thallus albidus, subnullus, apoth. fusca, epith. fuscescens, hym. incolor, jodo caerul., paraph. conglut., hyp. fuscum, sporae ovaes 15—18 mm. lg., 7—8 mm. lat., 8 in asco. — Durch das braune Hypothecium vom Formenkreise der *tenebricosa*, *silvana*, *Gisleri* zu trennen.

Parasiten.

Endococcus hygrophilus Arn. Flora 1871. Var. *Berengerianus* Arn. — Apothecia sat minuta, atra, globoso-emersa, dispersa, hymen. jodo solum fulvescens, paraph. capillares, sporae 1-septatae cum 2—4 guttulis oleosis, utroque apice plus minus cuspidatae, 22—24—28 mm. lg., 5—6 mm. lat., 8 in ascis oblongis
Juratzka.

L. Rabenhorst, die Algen Europa's mit Berücksichtigung des ganzen Erdballes. Dec. 229—231. Dresden, 1872.

Diese Tripeldecade enthält Repräsentanten aus dem rothen Meere, der Umgegend von Calcutta, dem atlantischen Ocean u. s. w., als *Hormophysa triquetra* (L.) K., *Hypoglossum Leprieurii* β . *subtilissimum* Martens, *Sargassum subrepandum* Ag., *S. linifolium* J. Ag., *S. linifolium* var. *salicifolium* J. Ag., *S. Hornschuchii* Ag., *S. bacciferum* Ag., *Lithothamnion papillosum* Zanard., *L. hieroglyphicum* Zanard., *L. fasciculatum* (Lam.), *Podospheia Lyngbyei* K., *Rhipidophora abbreviata* K. — aus dem Süßwasser *Lemanea torulosa* Ag., *Hydrogastrium Wallrothii* (K.), *Vaucheria Dillwynii* Ag., *Gongrosira ericetorum* K., *Spirogyra orbicularis* Hass., *Closterium Auerswaldii* Rabenh., *Stichococcus bacillaris* Naeg., *Hapalosiphon Braunii* Naeg., *Tolypothrix distorta* (Müll.), *Zonotrichia rivularis* (Naeg.), *Nostoc laevigatum* und *N. rufescens* Ag. etc. — Eingeliefert wurden diese Beiträge von den Herren Buchinger, Caldesi, Cleve, Decker, Grunow, Jack, Kalchbrenner, E. Kühn, Kurz, Leiner, Limpricht, Magnus, Marcucci, Nordstedt, Piccone, Poerzler, Reichardt, Saettone, Schimper, Zeller.

ZOBODAT - www.zobodat.at

Zoologisch-Botanische Datenbank/Zoological-Botanical Database

Digitale Literatur/Digital Literature

Zeitschrift/Journal: [Hedwigia](#)

Jahr/Year: 1872

Band/Volume: [11_1872](#)

Autor(en)/Author(s): Arnold F.

Artikel/Article: [Lichenologische Ausflüge in Tyrol 139-143](#)