Annotated list of taxonomic novelties published in "Fungi Rhenani Exsiccati" Supplementi Fasc. 6 to 12, issued by K. W. G. L. Fuckel between 1867 and 1874

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Abstract: Braun, U. & Bensch, K. 2021: Annotated list of taxonomic novelties published in "Fungi Rhenani Exsiccati" Supplementi Fasc. 6 to 12, issued by K. W. G. L. Fuckel between 1867 and 1874. Schlechtendalia **38**: 118–159.

New taxa and new combinations published by K.W.G.L. Fuckel in "Fungi Rhenani Exsiccati" Supplementi Fasc. 6 to 12 between 1867 and 1874 are listed and annotated, supplemented by copies of the labels with the original descriptions or new combinations. References, citations and the synonymy are corrected when necessary. The nomenclature of some taxa is discussed in more detail.

Zusammenfassung: Braun, U. & Bensch, K. 2021: Kommentierte Liste taxonomischer Neuheiten publiziert in "Fungi Rhenani Exsiccati" Supplementi Fasc. 6 bis 12, herausgegeben von K. W. G. L. Fuckel zwischen 1867 und 1874. Schlechtendalia **38**: 118–159.

Neue Taxa und Kombinationen publiziert von K.W.G.L. Fuckel in "Fungi Rhenani Exsiccati" Supplementi Fasc. 6 bis 12 zwischen 1867 und 1874 werden aufgelistet und annotiert, ergänzt durch Kopien der Etiketten mit den Originalbeschreibungen oder Kombinationen. Referenzangaben, Zitate und die Synonymie werden korrigiert falls notwendig. Die Nomenklatur einiger Taxa wird detaillierter besprochen.

Key words: Fungi, nomenclature, exsiccata, protologue.

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Introduction

Braun & Bensch (2019, 2020a) published annotated lists of taxonomic novelties included in Karl Wilhelm Gottlieb Leopold Fuckel's exsiccata "Fungi Rhenani Exsiccati" (complete sets of "Fuckel, Fungi Rhenani Exsiccati" are maintained at FH, G and HAL, excepting Fasc. 12), covering Fasc. 1 to 15. Braun & Bensch (2019) added a brief outline of Fuckel's biography. In a third treatment, Braun & Bensch (2020b) dealt with taxonomic novelties published in Fasc. 1 to 5 (issued between 1865 and 1867) of Fuckel's supplementary series "Fungi Rhenani Exsiccati, Supplementi" [details of the publication of this series, including supplementing lists published in journals (Botanische Zeitung and Hedwigia), have been summarised in Pfister (1985)]. The corresponding years of the publication of the particular fascicles are printed on the front page of the bound fascicles (in book form), which are maintained in the original form at HAL [Fasc. 6 published in 1867, Fasc. 7 in 1868, Fasc. 8 in 1869, Fasc. 9 in 1871, Fasc. 10, in 1872, Fasc. 11 in 1873 and 12 in 1874]. In the present contribution, the treatments of taxonomic novelties published in "Fungi Rhenani Exsiccati, Supplementi" are continued with new taxa and new combinations published in Fasc. 6 to 12. Formae (substrate or host formae) without any descriptive data were frequently established in exsiccatae, including Fuckel's Fungi Rhen. Exs. Formae introduced in Fuckel's exsiccata are not registered in the present work. Although they are formally nomina nuda (Art. 38.1), such formae of fungal species, above all in cases of plant pathogenic species, are regarded to be valid names, and the reference to the differing host is accepted to be sufficient as diagnosis. But such formae have usually little taxonomic value, and the application in taxonomic-nomenclatural contexts should be avoided. Scans of labels with taxonomic novelties, used for the present work, have been prepared on the basis of duplicates preserved at HAL [Herbarium, Martin Luther University, Halle (Saale), Germany]. According to ICNafp, Art. 30.2 (Ex. 12), descriptions, new combinations and other taxonomic novelties on labels accompanying distributed specimens (exsiccata) are effectively published, i.e., valid names published on printed labels of distributed exsiccata have to be taken into consideration with regard to priority issues of taxa. However, experiences have shown so far that names published in exsiccata have often been neglected or wrongly cited in nomenclatural databases and taxonomic treatments. Numerous taxonomic novelties have in the past often been attributed to Fuckel's (1870) monographic treatment of the fungi of Rhineland (also separately published in book form as "Symbolae mycologicae. Beiträge zur Kenntnis der rheinischen Pilze. Julius Niedner, Wiesbaden" and as facsimile edition, J. Cramer, Lehre 1966), with three supplements (Fuckel 1871, 1873–1874, 1875), the first supplement also separately published in book form (Julius Niedner,

Wiesbaden 1871–1875; and as facsimile edition, J. Cramer, Lehre 1966), and the second supplement as preprint published before 21 Jun. 1873 (see Stafleu & Cowan 1976). However, not infrequently the publications of new taxa and new combinations in Fuckel's "Fungi Rhenani Exsiccati" predate Fuckel (1870) and the supplements to "Symbolae mycologicae".

Annotated list of taxa published in "Fungi Rhenani Exsiccati, Supplementi"

Fasc. 6

Cryptospora hypodermia (Fr.) Nitschke, in Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **6**: no. 2002 1867 [Bot. Zeitung **27**(6): 96, 1869].
≡ *Sphaeria hypodermia* Fr. (as "*hypoderma*"), in Kunze & Schmidt, Mykologische Hefte **2**: 49, 1823.
≡ ***Cryptosporella hypodermia*** (Fr.) Sacc., Michelia **1**(1): 30, 1877.
[Full synonymy, see: http://www.speciesfungorum.org/Names/SynSpecies.asp?RecordID=202547; https://www.mycobank.org/MB/202547.]
Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 2002 (fig. 1).

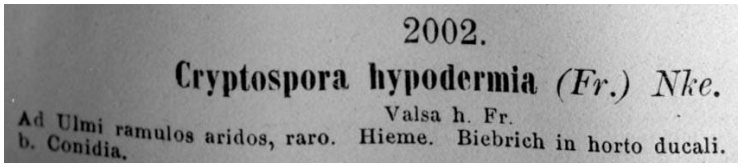

2002.
Cryptospora hypodermia *(Fr.) Nke.*
Valsa h. Fr.
Ad Ulmi ramulos aridos, raro. Hieme. Biebrich in horto ducali.
b. Conidia.

Fig. 1

Cryptospora aesculi Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **6**: no. 2003, 1867 [Bot. Zeitung **27**(6): 96, 1869; Jahrb. Nassauischen Vereins Naturk. **23-24**: 193 (1869-70) 1870].
≡ ***Plagiostoma aesculi*** (Fuckel) Sogonov, in Sogonov et al., Stud. Mycol. **62**: 69, 2008.
[Full synonymy, see: http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=512193; https://www.mycobank.org/MB/512193.]
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2003 (fig. 2).

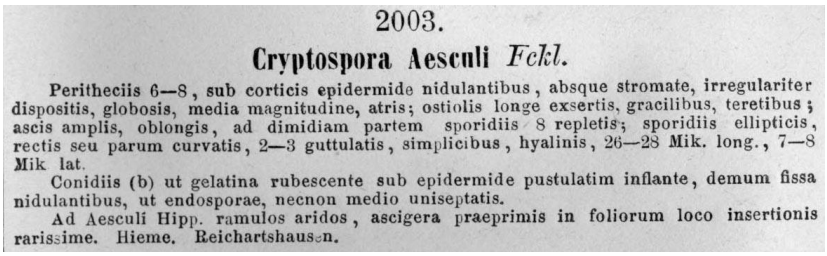

2003.
Cryptospora Aesculi *Fckl.*
Peritheciis 6—8, sub corticis epidermide nidulantibus, absque stromate, irregulariter dispositis, globosis, media magnitudine, atris; ostiolis longe exsertis, gracilibus, teretibus; ascis amplis, oblongis, ad dimidiam partem sporidiis 8 repletis; sporidiis ellipticis, rectis seu parum curvatis, 2—3 guttulatis, simplicibus, hyalinis, 26—28 Mik. long., 7—8 Mik lat.
Conidiis (b) ut gelatina rubescente sub epidermide pustulatim inflante, demum fissa nidulantibus, ut endosporae, necnon medio uniseptatis.
Ad Aesculi Hipp. ramulos aridos, ascigera praeprimis in foliorum loco insertionis rarissime. Hieme. Reichartshausen.

Fig. 2

Cryptospora populina Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **6**: no. 2004, 1867 [Bot. Zeitung **27**(6): 96, 1869; Jahrb. Nassauischen Vereins Naturk. **23-24**: 193 (1869-70) 1870].
≡ ***Plagiostoma populinum*** (Fuckel) L.C. Mejía, in Mejía et al., Stud. Mycol. **68**: 225, 2011.
[Full synonymy, see: https://www.mycobank.org/MB/515705.]
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2004 (fig. 3).

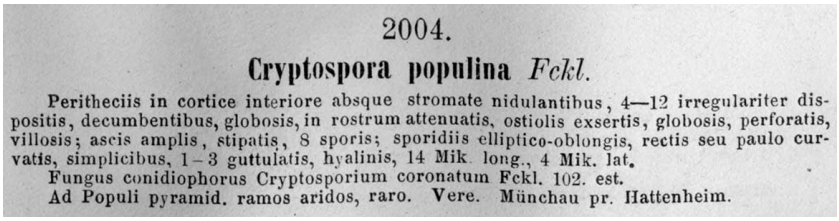

2004.
Cryptospora populina *Fckl.*
Peritheciis in cortice interiore absque stromate nidulantibus, 4—12 irregulariter dispositis, decumbentibus, globosis, in rostrum attenuatis, ostiolis exsertis, globosis, perforatis, villosis; ascis amplis, stipatis, 8 sporis; sporidiis elliptico-oblongis, rectis seu paulo curvatis, simplicibus, 1–3 guttulatis, hyalinis, 14 Mik. long., 4 Mik. lat.
Fungus conidiophorus Cryptosporium coronatum Fckl. 102. est.
Ad Populi pyramid. ramos aridos, raro. Vere. Münchau pr. Hattenheim.

Fig. 3

Quaternaria nitschkei Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **6**: no. 2005, 1867 [Bot. Zeitung **27**(6): 96, 1869; Jahrb. Nassauischen Vereins Naturk. **23-24**: 230 (1869-70) 1870].
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2005 (fig. 4).



2005.

Quaternaria Nitschkei *Fckl.*

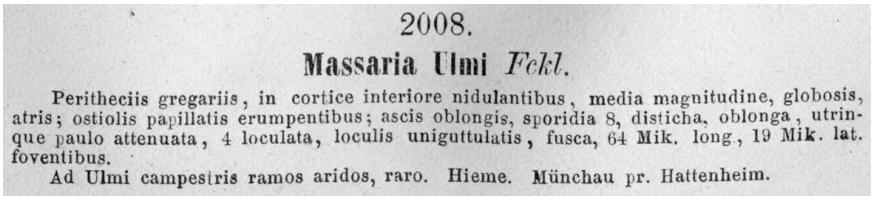
Peritheciis majusculis 4—6, in stromate albo, annulo nigro circumscripto, in cortice interiore nidulantibus, globosis, atris; ostiolis in disco convexo nigro erumpente, minutissimis, punctiformibus, papillatis: ascis elongatis, (pars sporifera) 65 Mik. long., sporidia 8, uniserialia seu apice subbiserialia, simplicia, oblongo-ovata, paulo curvata, 2—3 guttulata, fusca, 11—12 Mik. long., 6 Mik. lat. foventibus.

A Q. dissepta (Fr.) Tul. certissime diversa est!

Ad Ulmi campestris ramos aridos, rarissime. Autumno. Münchau pr. Hattenheim.

Fig. 4

Massaria ulmi Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **6**: no. 2008, 1867 [Bot. Zeitung **27**(6): 97, 1869; Jahrb. Nassauischen Vereins Naturk. **23-24**: 153 (1869-70) 1870].
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2008 (fig. 5).



2008.

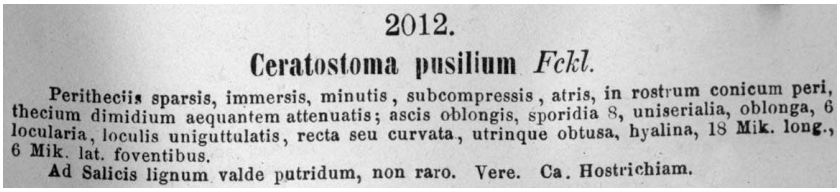
Massaria Ulmi *Fckl.*

Peritheciis gregariis, in cortice interiore nidulantibus, media magnitudine, globosis, atris; ostiolis papillatis erumpentibus; ascis oblongis, sporidia 8, disticha, oblonga, utrinque paulo attenuata, 4 loculata, loculis uniguttulatis, fusca, 64 Mik. long., 19 Mik. lat. foventibus.

Ad Ulmi campestris ramos aridos, raro. Hieme. Münchau pr. Hattenheim.

Fig. 5

Ceratostoma pusillum Fuckel (as "*pusilium*"), Fungi Rhen. Exs., Suppl. Fasc. **6**: no. 2012, 1867 [Bot. Zeitung **27**(6): 97, 1869; Jahrb. Nassauischen Vereins Naturk. **23-24**: 128 (1869-70) 1870].
≡ *Ceratosphaeria pusilla* (Fuckel) Sacc., Syll. fung. **2**: 227, 1883.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2012 (fig. 6).



2012.

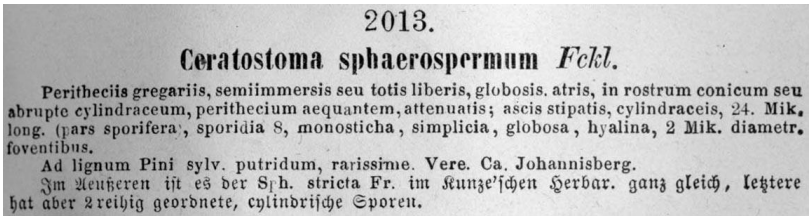
Ceratostoma pusilium *Fckl.*

Peritheciis sparsis, immersis, minutis, subcompressis, atris, in rostrum conicum perithecium dimidium aequantem attenuatis; ascis oblongis, sporidia 8, uniserialia, oblonga, 6 locularia, loculis uniguttulatis, recta seu curvata, utrinque obtusa, hyalina, 18 Mik. long., 6 Mik. lat. foventibus.

Ad Salicis lignum valde putridum, non raro. Vere. Ca. Hostrichiam.

Fig. 6

Ceratostoma sphaerospermum Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **6**: no. 2013, 1867 [Bot. Zeitung **27**(6): 97, 1869; Jahrb. Nassauischen Vereins Naturk. **23-24**: 127 (1869-70) 1870].
≡ *Ceratostomella sphaerosperma* (Fuckel) Sacc., Syll. fung. **1**: 412, 1882.
≡ *Amphitrichum sphaerospermum* (Fuckel) Kuntze, Revis. gen. pl. **3**(3): 443, 1898.
≡ *Linostomella sphaerosperma* (Fuckel) Petr., Ann. Mycol. **23**(1/2): 42, 1925.
= ***Wallrothiella congregata*** (Wallr.) Sacc., Syll. fung. **1**: 455, 1882.
≡ *Sphaeria congregata* Wallr., Fl. Crypt. Germ. **2**: 786, 1833.
[Full synonymy, see: https://www.mycobank.org/193895.]
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2013 (fig. 7).



2013.

Ceratostoma sphaerospermum *Fckl.*

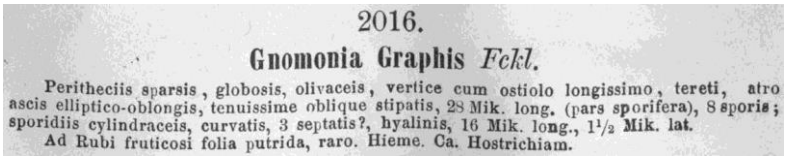
Peritheciis gregariis, semiimmersis seu totis liberis, globosis, atris, in rostrum conicum seu abrupte cylindraceum, perithecium aequantem, attenuatis; ascis stipatis, cylindraceis, 24. Mik. long. (pars sporifera), sporidia 8, monosticha, simplicia, globosa, hyalina, 2 Mik. diametr. foventibus.

Ad lignum Pini sylv. putridum, rarissime. Vere. Ca. Johannisberg.

Im Aeußeren iſt es der Sph. stricta Fr. im Kunze'ſchen Herbar. ganz gleich, letztere hat aber 2reihig geordnete, cylindriſche Sporen.

Fig. 7

Gnomonia graphis Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **6**: no. 2016, 1867 [Bot. Zeitung **27**(6): 97, 1869; Jahrb. Nassauischen Vereins Naturk. **23-24**: 122 (1869-70) 1870].
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2016 (fig. 8).



2016.

Gnomonia Graphis *Fckl.*

Peritheciis sparsis, globosis, olivaceis, vertice cum ostiolo longissimo, tereti, atro ascis elliptico-oblongis, tenuissime oblique stipatis, 28 Mik. long. (pars sporifera), 8 sporis; sporidiis cylindraceis, curvatis, 3 septatis?, hyalinis, 16 Mik. long., 1½ Mik. lat.

Ad Rubi fruticosi folia putrida, raro. Hieme. Ca. Hostrichiam.

Fig. 8

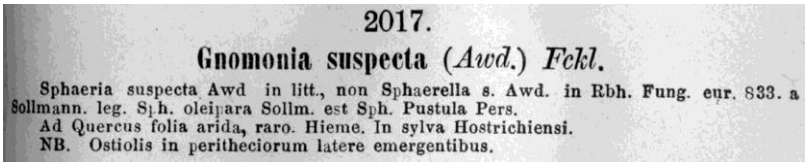
Gnomonia suspecta Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **6**: no. 2017, 1867.

≡ *Plagiostoma suspecta* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. **23-24**: 119 (1869-70) 1870.

= ***Hypospilina pustula*** (Pers.) M. Monod, Beih. Sydowia **9**: 189, 1983.

[Full synonymy, see: http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=108074; https://www.mycobank.org/MB/108074.]

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2017 (fig. 9). Fuckel (l.c.) cited "*Sphaeria suspecta* Auersw., in litt." as "basionym", which is, however, an unpublished name, and he excluded *Sphaerella suspecta* Auersw.



2017.

Gnomonia suspecta (*Awd.*) *Fckl.*

Sphaeria suspecta Awd in litt., non Sphaerella s. Awd. in Rbh. Fung. eur. 833. a Sollmann. leg. Sph. oleipara Sollm. est Sph. Pustula Pers.

Ad Quercus folia arida, raro. Hieme. In sylva Hostrichiensi.

NB. Ostiolis in peritheciorum latere emergentibus.

Fig. 9

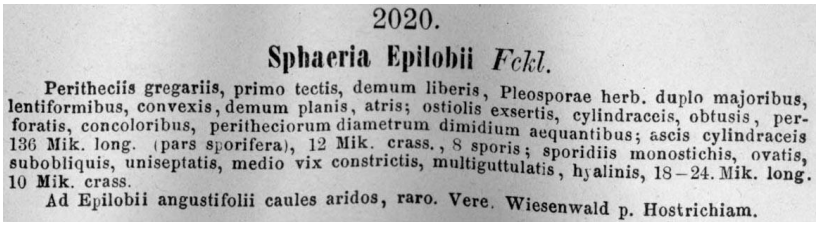
Sphaeria epilobii Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **6**: no. 2020, 1867 [Bot. Zeitung **27**(6): 97, 1869; Jahrb. Nassauischen Vereins Naturk. **23-24**: 113 (1869-70) 1870], nom. illegit. (Art. 53.1), non Wallr., 1833.

≡ *Gnomonia epilobii* Auersw. (as "(Fuckel) Auersw."), in Gonnermann & Rabenhorst, Myc. Europ. Pyren. **5-6**: 26, 1869, nom. nov.

≡ *Didymella epilobii* (Auersw.) Sacc., Syll. fung. **1**: 556, 1882.

≡ *Diaporthe epilobii* (Auersw.) Mussat, in Saccardo, Syll. fung. **15**: 115, 1901.

Notes: This is an illegitime name published on the label of Fungi Rhen. Exs., Suppl., 2020 (fig. 10), later validated by Auerswald as *Gnomonia epilobii*.



2020.

Sphaeria Epilobii *Fckl.*

Peritheciis gregariis, primo tectis, demum liberis, Pleosporae herb. duplo majoribus, lentiformibus, convexis, demum planis, atris; ostiolis exsertis, cylindraceis, obtusis, perforatis, concoloribus, peritheciorum diametrum dimidium aequantibus; ascis cylindraceis 136 Mik. long. (pars sporifera), 12 Mik. crass., 8 sporis; sporidiis monostichis, ovatis, subobliquis, uniseptatis, medio vix constrictis, multiguttulatis, hyalinis, 18–24. Mik. long. 10 Mik. crass.

Ad Epilobii angustifolii caules aridos, raro. Vere. Wiesenwald p. Hostrichiam.

Fig. 10

Sphaeria tarda Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **6**: no. 2021, 1867 [Bot. Zeitung **27**(6): 97, 1869].

≡ *Trichosphaeria tarda* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. **23-24**: 145 (1869-70) 1870.

≡ *Pyrenochaeta tarda* (Fuckel) Sacc., Syll. fung. **3**: 221, 1884.

≡ *Iodosphaeria tarda* (Fuckel) M.E. Barr, in Candoussau et al., Mycol. Helv. **8**(2): 14, 1996, nom. inval., Art. 41.4.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2021 (fig. 11).



2021.

Sphaeria tarda *Fckl.*

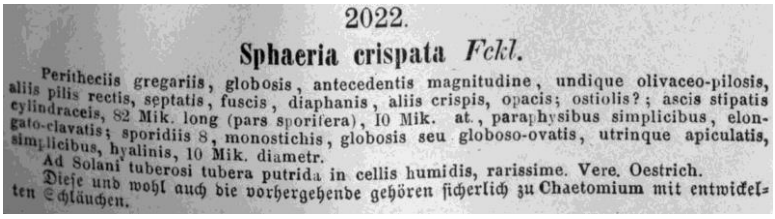
Peritheciis sparsis, seminis Papaveris magnitudine, globosis, undique strigoso-pilosis, olivaceo-fuscis, ostiolis?; ascis stipatis, oblongis, 8sporis; sporidiis distichis, elongato-lanceolatis, simplicibus, hyalinis, 4guttulatis.

Ad Coryli folia putrida, rarissime. Vere. Ca. Johannisberg.

Obgleich die Perith. ſchon im Herbſt erſcheinen, ſo reifen ſie doch erſt im nächſten Frühling und ſind ſolche reife Perith. nur mühſam an den Ueberreſten der Blattrippen zu finden. Dieſer Umſtand veranlaßte mich ihr obigen Namen zu geben.

Fig. 11

Sphaeria crispata Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **6**: no. 2022, 1867 [Bot. Zeitung **27**(6): 97, 1869].
≡ *Chaetomium crispatum* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. **23-24**: 90 (1869-70) 1870.
≡ ***Trichocladium crispatum*** (Fuckel) X. Wei Wang & Houbraken, in Wang et al., Stud. Mycol. **93**: 137 2018.
[Full synonymy, see: http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=824467; https://www.mycobank.org/MB/824467.]
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2022 (fig. 12).


2022.

Sphaeria crispata *Fckl.*

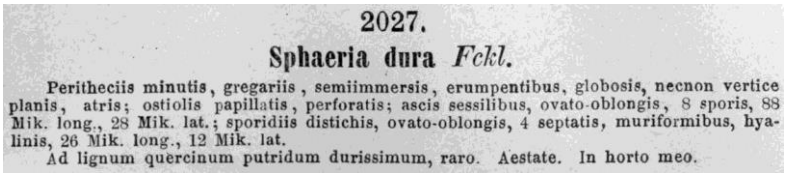
Peritheciis gregariis, globosis, antecedentis magnitudine, undique olivaceo-pilosis, aliis pilis rectis, septatis, fuscis, diaphanis, aliis crispis, opacis; ostiolis?; ascis stipatis cylindraceis, 82 Mik. long (pars sporifera), 10 Mik. at., paraphysibus simplicibus, elongato-clavatis; sporidiis 8, monostichis, globosis seu globoso-ovatis, utrinque apiculatis, simplicibus, hyalinis, 10 Mik. diametr.

Ad Solani tuberosi tubera putrida in cellis humidis, rarissime. Vere. Oestrich.

Diese und wohl auch die vorhergehende gehören sicherlich zu Chaetomium mit entwickelten Schläuchen.

Fig. 12

Sphaeria dura Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **6**: no. 2027, 1867 [Bot. Zeitung **27**(6): 98, 1869].
≡ *Teichospora dura* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. **23-24**: 161 (1869-70) 1870.
≡ *Strickeria dura* (Fuckel) G. Winter, Rabenh. Krypt.-Fl., Edn 2, **1**(2): 287 (1887) 1885.
≡ ***Teichosporella dura*** (Fuckel) Sacc., Syll. fung. **11**: 351, 1895.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2027 (fig. 13).


2027.

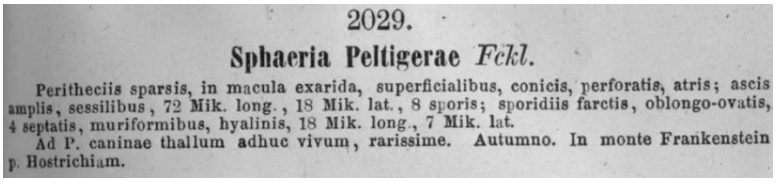
Sphaeria dura *Fckl.*

Peritheciis minutis, gregariis, semiimmersis, erumpentibus, globosis, necnon vertice planis, atris; ostiolis papillatis, perforatis; ascis sessilibus, ovato-oblongis, 8 sporis, 88 Mik. long., 28 Mik. lat.; sporidiis distichis, ovato-oblongis, 4 septatis, muriformibus, hyalinis, 26 Mik. long., 12 Mik. lat.

Ad lignum quercinum putridum durissimum, raro. Aestate. In horto meo.

Fig. 13

Sphaeria peltigerae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **6**: no. 2029, 1867 [Bot. Zeitung **27**(6): 98, 1869]; nom. illegit. (Art. 53.1), non Mont., 1845.
≡ *Pleospora peltigerae* Fuckel, Jahrb. Nassauischen Vereins Naturk. **23-24**: 132 (1869-70) 1870, nom. nov.
≡ *Catharinia peltigerae* (Fuckel) Sacc., Syll. fung. **11**: 350, 1895.
≡ *Pleosphaerulina peltigerae* (Fuckel) Vouaux, Bulletin Trimest. Soc. Mycol. France **29**: 39, 1913.
≡ ***Leptosphaerulina peltigerae*** (Fuckel) Riedl, Sydowia **22**(5-6): 399, 1969.
Notes: This is an illegitimate name published on the label of Fungi Rhen. Exs., Suppl., 2029 (fig. 14).


2029.

Sphaeria Peltigerae *Fckl.*

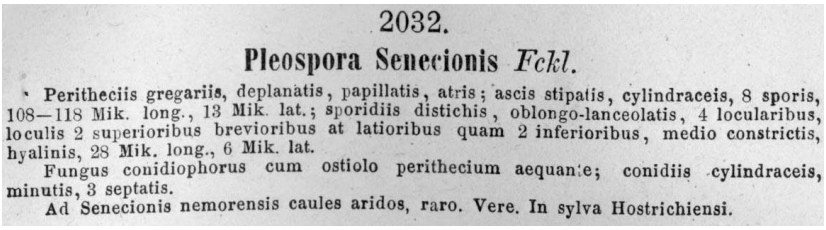
Peritheciis sparsis, in macula exarida, superficialibus, conicis, perforatis, atris; ascis amplis, sessilibus, 72 Mik. long., 18 Mik. lat., 8 sporis; sporidiis farctis, oblongo-ovatis, 4 septatis, muriformibus, hyalinis, 18 Mik. long., 7 Mik. lat.

Ad P. caninae thallum adhuc vivum, rarissime. Autumno. In monte Frankenstein p. Hostrichiam.

Fig. 14

Pleospora senecionis Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **6**: no. 2032, 1867 [Bot. Zeitung **27**(6): 98, 1869; Jahrb. Nassauischen Vereins Naturk. **23-24**: 136 (1869-70) 1870].
≡ *Metasphaeria senecionis* (Fuckel) Sacc., Syll. fung. **2**: 158, 1883.
≡ *Stagonospora senecionis* (Fuckel) Sacc., Syll. fung. **3**: 447, 1884.
≡ *Leptosphaeria senecionis* (Fuckel) G. Winter, in Rabenh., Krypt.-Fl., Ed. 2, **1**(2): 469, 1887.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2032 (fig. 15). Müller (1950: 236) examined syntype material of *Pleospora senecionis* and reduced this name to synonymy with *Leptosphaeria nitschkei* Rehm ex G. Winter, validly published in 1872, although Fuckel's name and the combination *Leptosphaeria senecionis* (Fuckel) G. Winter had priority. *Paraleptosphaeria nitschkei* (Rehm ex G. Winter) Gruyter et al. (2012: 20), based on *L. nitschkei*, is the

type species of *Paraleptosphaeria*. The relation of *Pleospora senecionis* to *P. nitschkei* is unclear and was not discussed in Gruyter et al. (2012). Therefore, a reassessment of *Pleospora senecionis* is in urgent need.



2032.

Pleospora Senecionis *Fckl.*

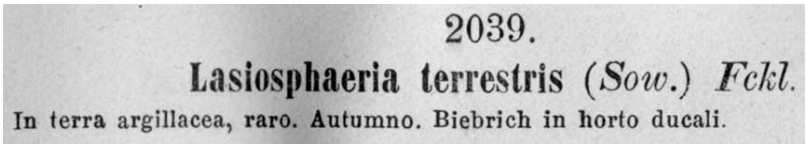
Peritheciis gregariis, deplanatis, papillatis, atris; ascis stipatis, cylindraceis, 8 sporis, 108—118 Mik. long., 13 Mik. lat.; sporidiis distichis, oblongo-lanceolatis, 4 locularibus, loculis 2 superioribus brevioribus at latioribus quam 2 inferioribus, medio constrictis, hyalinis, 28 Mik. long., 6 Mik. lat.

Fungus conidiophorus cum ostiolo perithecium aequante; conidiis cylindraceis, minutis, 3 septatis.

Ad Senecionis nemorensis caules aridos, raro. Vere. In sylva Hostrichiensi.

Fig. 15

Lasiosphaeria terrestris (Sowerby) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **6**: no. 2039, 1867 [Bot. Zeitung **27**(6): 98, 1869].
≡ *Sphaeria terrestris* Sowerby, Col. fig. Engl. Fung. Mushr. **3**(25): tab. 373, fig. 7, 1802.
≡ *Sphaeria biformis* var. *terrestris* (Sowerby) Fr., Syst. mycol. **2**(2): 449, 1823.
≡ *Lasiosphaeria biformis* var. *terrestris* (Sowerby) Sacc., Syll. fung. **2**: 204, 1883.
= *Sphaeria biformis* Pers., Syn. meth. fung. **1**: 59, 1801, nom. cons. [Fries, Syst. mycol. **2**(2): 448, 1823].
≡ ***Lasiosphaeria biformis*** (Pers.) Sacc., Syll. fung. **2**: 204, 1883.
≡ *Enchnosphaeria biformis* (Pers.) Sacc., Hedwigia **23**: 44, 1884.
Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 2039 (fig. 16).



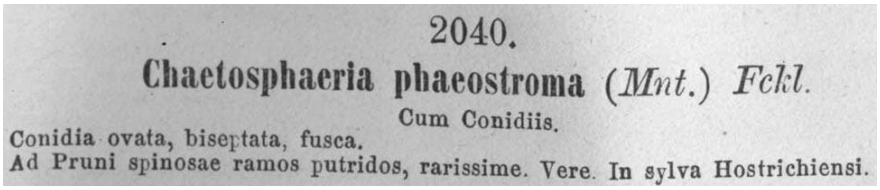
2039.

Lasiosphaeria terrestris (*Sow.*) *Fckl.*

In terra argillacea, raro. Autumno. Biebrich in horto ducali.

Fig. 16

Chaetosphaeria phaeostroma (Durieu & Mont.) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **6**: no. 2040, 1867 [Bot. Zeitung **27**(6): 98, 1869; Jahrb. Nassauischen Vereins Naturk. **23-24**: 166 (1869-70) 1870].
≡ *Sphaeria phaeostroma* Durieu & Mont., in Durieu, Expl. Sci. Alg., Fl. Algér. **1**(livr. 13): 491, (1846–1849) 1846.
≡ ***Chaetosphaerella phaeostroma*** (Durieu & Mont.) E. Müll. & C. Booth, Trans. Brit. Mycol. Soc. **58**(1): 77, 1972.
Full synonymy, see: http://www.speciesfungorum.org/Names/SynSpecies.asp?RecordID=310960; https://www.mycobank.org/MB/310960.]
Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 2040 (fig. 17).



2040.

Chaetosphaeria phaeostroma (*Mnt.*) *Fckl.*

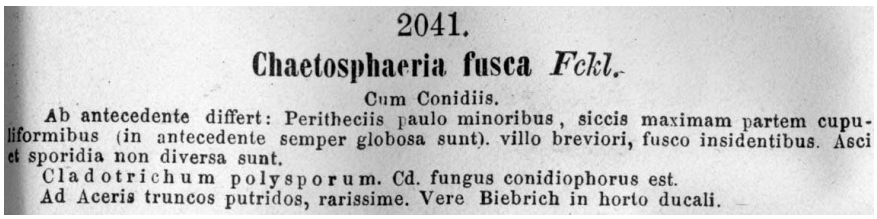
Cum Conidiis.

Conidia ovata, biseptata, fusca.

Ad Pruni spinosae ramos putridos, rarissime. Vere. In sylva Hostrichiensi.

Fig. 17

Chaetosphaeria fusca Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **6**: no. 2041, 1867 [Bot. Zeitung **27**(6): 98, 1869; Jahrb. Nassauischen Vereins Naturk. **23-24**: 166 (1869-70) 1870].
≡ ***Chaetosphaerella fusca*** (Fuckel) E. Müll. & C. Booth, Trans. Brit. Mycol. Soc. **58**(1): 77, 1972.
[Full synonymy, see: http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=310957; https://www.mycobank.org/MB/310957.]
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2041 (fig. 18). *Cladotrichum polysporum* Corda was cited as asexual morph. However, the name *Chaetosphaeria fusca*, introduced for the teleomorph (holomorph), is legitimate, according to Art. F.8.1.



2041.

Chaetosphaeria fusca *Fckl.*

Cum Conidiis.

Ab antecedente differt: Peritheciis paulo minoribus, siccis maximam partem cupuliformibus (in antecedente semper globosa sunt). villo breviori, fusco insidentibus. Asci et sporidia non diversa sunt.

Cladotrichum polysporum. Cd. fungus conidiophorus est.

Ad Aceris truncos putridos, rarissime. Vere Biebrich in horto ducali.

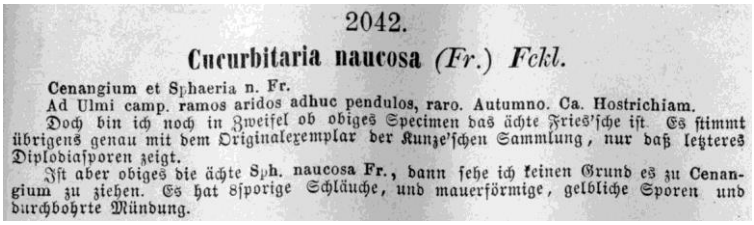
Fig. 18

Cucurbitaria naucosa (Fr.) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **6**: no. 2042, 1867 [Bot. Zeitung **27**(6): 98, 1869; Jahrb. Nassauischen Vereins Naturk. **23-24**: 173 (1869-70) 1870].

≡ *Sphaeria naucosa* Fr., in Kunze & Schmidt, Mykologische Hefte **2**: 36, 1823.

≡ *Gibberidea naucosa* (Fr.) Kuntze, Revis. gen. pl. **3**(3): 481, 1898.

Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 2042 (fig. 19).



2042.

Cucurbitaria naucosa *(Fr.) Fckl.*

Cenangium et Sphaeria n. Fr.

Ad Ulmi camp. ramos aridos adhuc pendulos, raro. Autumno. Ca. Hostrichiam.

Doch bin ich noch in Zweifel ob obiges Specimen das ächte Fries'sche ist. Es stimmt übrigens genau mit dem Originalexemplar der Kunze'schen Sammlung, nur daß letzteres Diplodiasporen zeigt.

Ist aber obiges die ächte Sph. naucosa Fr., dann sehe ich keinen Grund es zu Cenangium zu ziehen. Es hat 8sporige Schläuche, und mauerförmige, gelbliche Sporen und durchbohrte Mündung.

Fig. 19

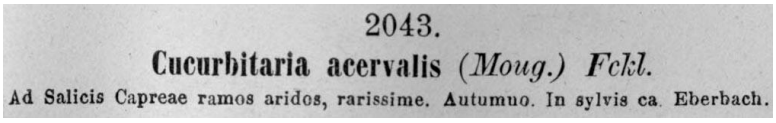
Cucurbitaria acervalis (Moug.) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **6**: no. 2043, 1867 [Bot. Zeitung **27**(6): 98, 1869].

≡ *Sphaeria acervalis* Moug., in Fries, Elench. fung. **2**: 83, 1828.

≡ *Gibbera acervalis* (Moug.) Fuckel, Jahrb. Nassauischen Vereins Naturk. **23-24**: 166 (1869-70) 1870.

≡ *Gibberella acervalis* (Moug.) Sacc., Michelia **1**(3): 318, 1878.

Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 2043 (fig. 20).



2043.

Cucurbitaria acervalis *(Moug.) Fckl.*

Ad Salicis Capreae ramos aridos, rarissime. Autumno. In sylvis ca. Eberbach.

Fig. 20

Cucurbitaria cinerea Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **6**: no. 2044, 1867 [Bot. Zeitung **27**(6): 98, 1869].

≡ *Sphaeria cinerea* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. **23-24**: 114 (1869-70) 1870.

≡ *Metasphaeria cinerea* (Fuckel) Sacc., Syll. fung. **2**: 166, 1883.

≡ *Leptosphaeria cinerea* (Fuckel) G. Winter, Rabenh. Krypt.-Fl., Edn 2, **1**.2: 474, 1885.

= ***Sporocadus lichenicola*** Corda, Icon. fung. (Prague) 3: 24, 1839.

≡ *Seimatosporium lichenicola* (Corda) Shoemaker & E. Müll., Canad. J. Bot. **42**: 405, 1964.

= *Sphaeria corticola* Fuckel, Jahrb. Nassauischen Vereins Naturk. **23-24**: 114 (1869-70) 1870.

≡ *Leptosphaeria corticola* (Fuckel) Sacc., Michelia **1**(3): 342, 1878.

≡ *Metasphaeria corticola* (Fuckel) Sacc., Syll. fung. **2**: 166, 1883.

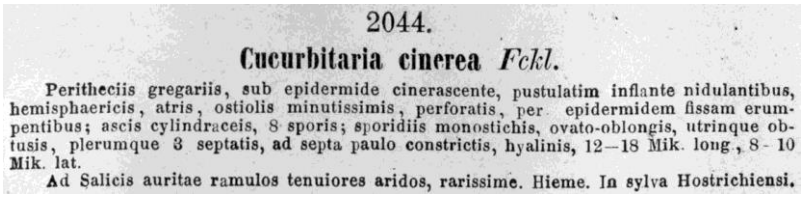
≡ *Pleosphaerulina corticola* (Fuckel) Rehm, Ann. Mycol. **10**(6): 539, 1912.

≡ *Griphosphaeria corticola* (Fuckel) Höhn., Ann. Mycol. **16**(1/2): 87, 1918.

≡ *Clethridium corticola* (Fuckel) Shoemaker & E. Müll. [as "*Clathridium*"], Canad. J. Bot. **42**: 404, 1964.

≡ *Discostroma corticola* (Fuckel) Brockmann, Sydowia **28**(1-6): 313 (1975-1976) 1976.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2044 (fig. 21). Brockmann (1976: 313) reduced *Cucurbitaria cinerea* to synonym with *Discostroma corticola*. Liu et al. (2019) cited *Discostroma corticola* as synonym of *Sporocadus lichenicola*, but *Cucurbitaria cinerea* was not mentioned as synonym.



2044.

Cucurbitaria cinerea *Fckl.*

Peritheciis gregariis, sub epidermide cinerascente, pustulatim inflante nidulantibus, hemisphaericis, atris, ostiolis minutissimis, perforatis, per epidermidem fissam erumpentibus; ascis cylindraceis, 8 sporis; sporidiis monostichis, ovato-oblongis, utrinque obtusis, plerumque 3 septatis, ad septa paulo constrictis, hyalinis, 12—18 Mik. long., 8-10 Mik. lat.

Ad Salicis auritae ramulos tenuiores aridos, rarissime. Hieme. In sylva Hostrichiensi.

Fig. 21

Nectria rosea (Pers.) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **6**: no. 2049, 1867 [Bot. Zeitung **27**(6): 99, 1869].

≡ *Sphaeria rosea* Pers., Syn. meth. fung. **1**: 18, 1801.

≡ *Hyphoderma roseum* (Pers.) Fr., Summa veg. Scand., Sectio Post.: 447, 1849.

≡ *Hypocrea rosea* (Pers.) Ces. & De Not., Comm. Soc. Crittog. Ital. 1 (4): 193, 1863.

≡ Hypomyces roseus (Pers.) Fuckel, Jahrb. Nassauischen Vereins Naturk. **23-24**: 182 (1869-70) 1870.

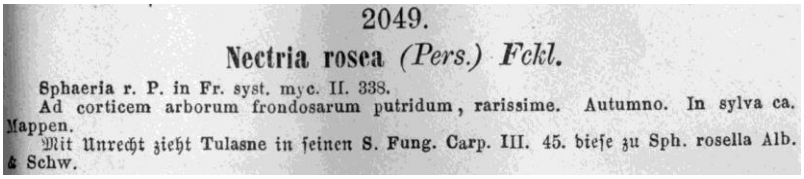
≡ *Hypolyssus roseus* (Pers.) Kuntze, Revis. gen. pl. **3**(3): 488, 1898.

= *Sphaeria rosella* Alb. & Schwein., Consp. fung. lusat.: 35, 1805, nom. sanct. [Fr., Syst. mycol. **2**(2): 441, 1823].

≡ *Nectria rosella* (Alb. & Schwein.) Fr., Summa veg. Scand., Sectio Post.: 388, 1849.

≡ ***Hypomyces rosellus*** (Alb. & Schwein.) Tul. & C. Tul., Ann. Sci. Nat., Bot., Sér. 4, **13**: 12, 1860.

Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 2049 (fig. 22). Synonymy according to Mihál et al. (2007).



2049.

Nectria rosea *(Pers.) Fckl.*

Sphaeria r. P. in Fr. syst. myc. II. 338.

Ad corticem arborum frondosarum putridum, rarissime. Autumno. In sylva ca. Mappen.

Mit Unrecht zieht Tulasne in seinen S. Fung. Carp. III. 45. diese zu Sph. rosella Alb. & Schw.

Fig. 22

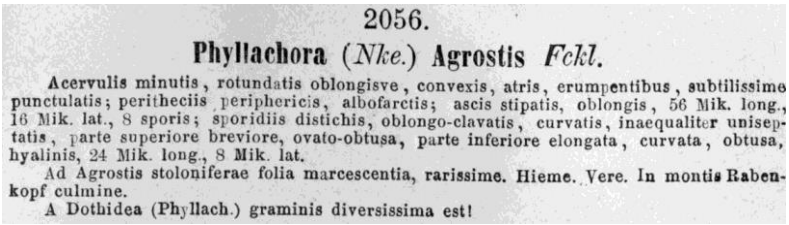
Phyllachora agrostidis Fuckel (as "*agrostis*"), Fungi Rhen. Exs., Suppl. Fasc. **6**: no. 2056, 1867 [Bot. Zeitung **27**(6): 99, 1869; Jahrb. Nassauischen Vereins Naturk. **23-24**: 173 (1869-70) 1870].

≡ *Placosphaeria graminis* * *agrostidis* (Fuckel) Sacc., Michelia **2**(8): 632, 1882.

≡ *Dothidella agrostidis* (Fuckel) Sacc. [as "*agrostis*"], Syll. fung. **2**: 628, 1883.

≡ *Scirrhia agrostidis* (Fuckel) G. Winter [as "*agrostis*"], Rabenh. Krypt.-Fl., Ed. 2, **1**(2): 907, 1886.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2056 (fig. 23).



2056.

Phyllachora *(Nke.)* **Agrostis** *Fckl.*

Acervulis minutis, rotundatis oblongisve, convexis, atris, erumpentibus, subtilissime punctulatis; peritheciis peripheric is, albofarctis; ascis stipatis, oblongis, 56 Mik. long., 16 Mik. lat., 8 sporis; sporidiis distichis, oblongo-clavatis, curvatis, inaequaliter uniseptatis, parte superiore breviore, ovato-obtusa, parte inferiore elongata, curvata, obtusa, hyalinis, 24 Mik. long., 8 Mik. lat.

Ad Agrostis stoloniferae folia marcescentia, rarissime. Hieme. Vere. In montis Rabenkopf culmine.

A Dothidea (Phyllach.) graminis diversissima est!

Fig. 23

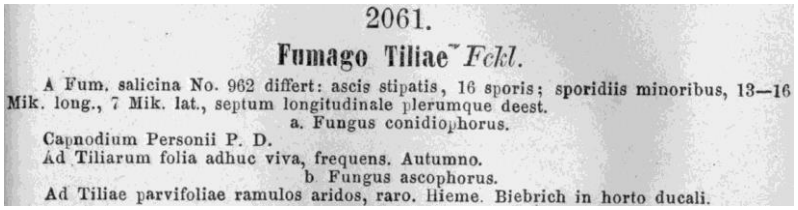
Fumago tiliae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **6**: no. 2061, 1867 [Bot. Zeitung **27**(7): 119, 1869; Jahrb. Nassauischen Vereins Naturk. **23-24**: 142 (1869-70) 1870].

≡ *Capnodium tiliae* (Fuckel) Sacc., Syll. fung. **1**: 74, 1882.

≡ *Polychaeton tiliae* (Fuckel) Kuntze, Revis. gen. pl. **1**: 13, 1891.

≡ *Capnodaria tiliae* (Fuckel) Theiss. & Syd., Ann. Mycol. **15**(6): 474, 1918.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2061 (fig. 24). Fuckel (l.c.) cited *Capnodium persoonii* Berk. & Desm., 1849, as synonym, but only for the asexual morph, so that *F. tiliae* has to be considered a legitimate name, according to Art. F.8.1.



2061.

Fumago Tiliae *Fckl.*

A Fum. salicina No. 962 differt: ascis stipatis, 16 sporis; sporidiis minoribus, 13—16 Mik. long., 7 Mik. lat., septum longitudinale plerumque deest.

a. Fungus conidiophorus.

Capnodium Personii P. D.

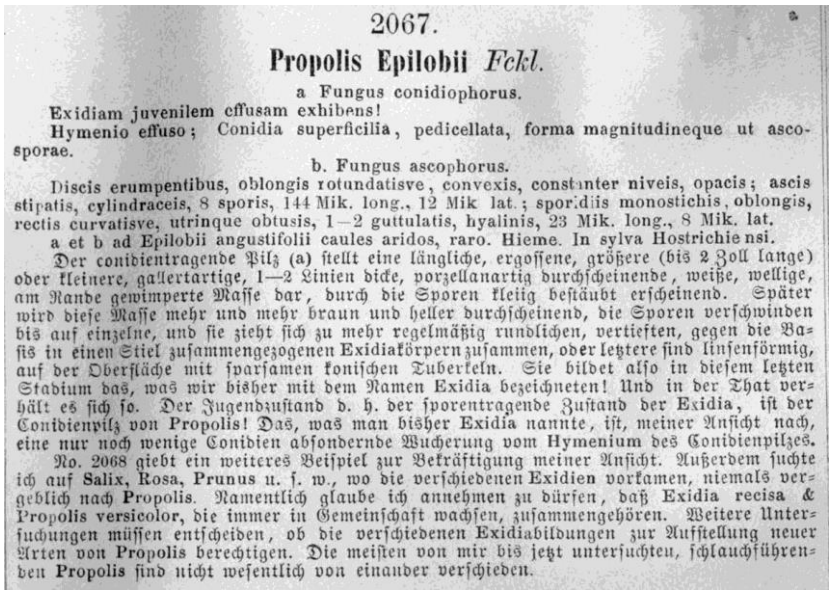
Ad Tiliarum folia adhuc viva, frequens. Autumno.

b Fungus ascophorus.

Ad Tiliae parvifoliae ramulos aridos, raro. Hieme. Biebrich in horto ducali.

Fig. 24

Propolis epilobii Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **6**: no. 2067, 1867 [Bot. Zeitung **27**(7): 119, 1869; Jahrb. Nassauischen Vereins Naturk. **23-24**: 253 (1869-70) 1870].
= ***Propolis farinosa*** (Pers.) Fr., Summa veg. Scand. **2**: 372, 1849.
[Full synonymy, see: http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=433503; https://www.mycobank.org/MB/433503.]
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2067 (fig. 25).



2067.

Propolis Epilobii *Fckl.*

a Fungus conidiophorus.

Exidiam juvenilem effusam exhibens!

Hymenio effuso; Conidia superficilia, pedicellata, forma magnitudineque ut ascosporae.

b. Fungus ascophorus.

Discis erumpentibus, oblongis rotundatisve, convexis, constanter niveis, opacis; ascis stipatis, cylindraceis, 8 sporis, 144 Mik. long., 12 Mik. lat.; sporidiis monostichis, oblongis, rectis curvatisve, utrinque obtusis, 1—2 guttulatis, hyalinis, 23 Mik. long., 8 Mik. lat.

a et b ad Epilobii angustifolii caules aridos, raro. Hieme. In sylva Hostrichiensi.

Der conidientragende Pilz (a) stellt eine längliche, ergossene, größere (bis 2 Zoll lange) oder kleinere, gallertartige, 1—2 Linien dicke, porzellanartig durchscheinende, weiße, wellige, am Rande gewimperte Masse dar, durch die Sporen kleiig bestäubt erscheinend. Später wird diese Masse mehr und mehr braun und heller durchscheinend, die Sporen verschwinden bis auf einzelne, und sie zieht sich zu mehr regelmäßig rundlichen, vertieften, gegen die Basis in einen Stiel zusammengezogenen Exidiakörpern zusammen, oder letztere sind linsenförmig, auf der Oberfläche mit sparsamen konischen Tuberkeln. Sie bildet also in diesem letzten Stadium das, was wir bisher mit dem Namen Exidia bezeichneten! Und in der That verhält es sich so. Der Jugendzustand d. h. der sporentragende Zustand der Exidia, ist der Conidienpilz von Propolis! Das, was man bisher Exidia nannte, ist, meiner Ansicht nach, eine nur noch wenige Conidien absondernde Wucherung vom Hymenium des Conidienpilzes.

No. 2068 giebt ein weiteres Beispiel zur Bekräftigung meiner Ansicht. Außerdem suchte ich auf Salix, Rosa, Prunus u. s. w., wo die verschiedenen Exidien vorkamen, niemals vergeblich nach Propolis. Namentlich glaube ich annehmen zu dürfen, daß Exidia recisa & Propolis versicolor, die immer in Gemeinschaft wachsen, zusammengehören. Weitere Untersuchungen müssen entscheiden, ob die verschiedenen Exidiabildungen zur Aufstellung neuer Arten von Propolis berechtigen. Die meisten von mir bis jetzt untersuchten, schlauchführenden Propolis sind nicht wesentlich von einander verschieden.

Fig. 25

Propolis parallela Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **6**: no. 2068, 1867 [Bot. Zeitung **27**(7): 119, 1869; Jahrb. Nassauischen Vereins Naturk. **23-24**: 254 (1869-70) 1870].
= ***Propolis farinosa*** (Pers.) Fr., Summa veg. Scand. **2**: 372, 1849.
[Full synonymy, see: http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=433503; https://www.mycobank.org/MB/433503.]
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2068 (fig. 26).



2068.

Propolis parallela *Fckl.*

a. Fungus conidiophorus.

Hymenio latissime, tenuissime effuso, opaco-caesio, tuberculis sparsis, conicis, nigris obsito; conidiis cylindraceis, irregulariter curvatis, 2—3 guttulatis, 12—16 Mik. long., 6 Mik. lat. hyalinis.

b. Fungus ascophorus.

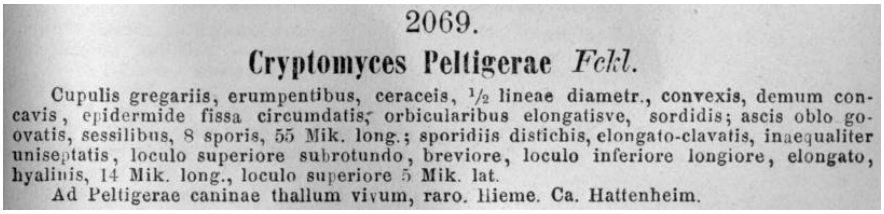
Subparallela. Discis erumpentibus, planis, elliptico-oblongis, albis, demum decoloratis; ascis sessilibus, cylindraceis, 8 sporis, 88 Mik. long., 14 Mik. lat.; sporidiis distichis, cylindraceis, curvatis, utrinque obtusis, biguttulatis, hyalinis, 24—28 Mik. long., 6 Mik. lat.

a et b ad Carpini ramos putridos, frequens. Autumno.

Fig. 26

Cryptomyces peltigerae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **6**: no. 2069, 1867 [Bot. Zeitung **27**(7): 119, 1869; Jahrb. Nassauischen Vereins Naturk. **23-24**: 253 (1869-70) 1870].
≡ *Phragmonaevia fuckelii* Rehm (as "*fuckeli*"), Rabenh. Krypt.-Fl., Ed. 2, **1**.3(Lief. 30): 166, (1896) 1888, non *Phragmonaevia peltigerae* (Nyl.) Rehm, 1888.
≡ *Peziza fuckelii* (Rehm) Sacc., Syll. fung. **8**: 85, 1889.
≡ ***Corticifraga fuckelii*** (Rehm) D. Hawksw. & R. Sant., Biblioth. Lichenol. **38**: 125, 1990.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2069 (fig. 27).



2069.

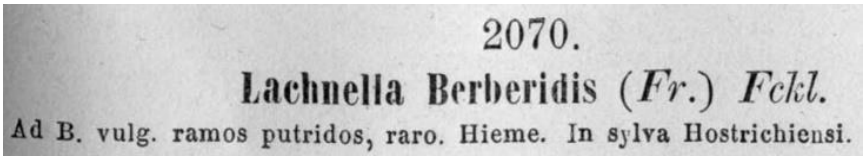
Cryptomyces Peltigerae *Fckl.*

Cupulis gregariis, erumpentibus, ceraceis, ½ lineae diametr., convexis, demum concavis, epidermide fissa circumdatis, orbicularibus elongatisve, sordidis; ascis oblo go-ovatis, sessilibus, 8 sporis, 55 Mik. long.; sporidiis distichis, elongato-clavatis, inaequaliter uniseptatis, loculo superiore subrotundo, breviore, loculo inferiore longiore, elongato, hyalinis, 14 Mik. long., loculo superiore 5 Mik. lat.

Ad Peltigerae caninae thallum vivum, raro. Hieme. Ca. Hattenheim.

Fig. 27

Lachnella berberidis (Pers.) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **6**: no. 2070, 1867 [Bot. Zeitung **27**(7): 120, 1869; Jahrb. Nassauischen Vereins Naturk. **23-24**: 280 (1869-70) 1870].
≡ *Peziza berberidis* Pers., Syn. meth. fung. **2**: 649, 1801.
≡ *Lachnea berberidis* (Pers.) Gillet, Champ. France Discomyc. (4): 88, 1881.
Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 2070 (fig. 28).



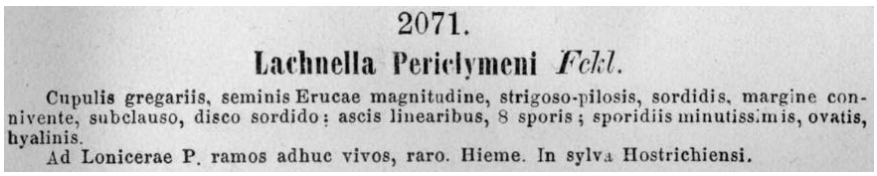
2070.

Lachnella Berberidis (*Fr.*) *Fckl.*

Ad B. vulg. ramos putridos, raro. Hieme. In sylva Hostrichiensi.

Fig. 28

Lachnella periclymeni Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **6**: no. 2071, 1867 [Bot. Zeitung **27**(7): 120, 1869; Jahrb. Nassauischen Vereins Naturk. **23-24**: 280 (1869-70) 1870].
= ***Lasiobelonium lonicerae*** (Alb. & Schwein.) Raitv., Script. Mycol. **9**: 115, 1980.
[Full synonymy, see: https://www.mycodb.fr/fiche.php?genre=Lasiobelonium&espece=lonicerae; https://www.mycobank.org/MB/112991.]
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2071 (fig. 29).



2071.

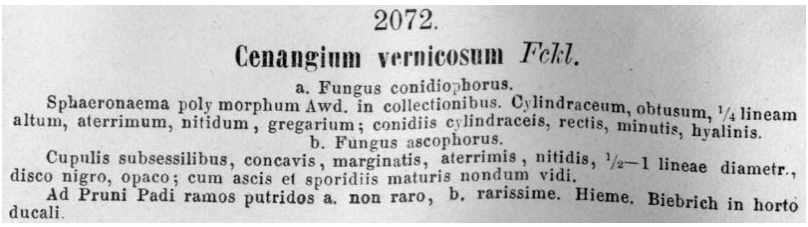
Lachnella Periclymeni *Fckl.*

Cupulis gregariis, seminis Erucae magnitudine, strigoso-pilosis, sordidis, margine connivente, subclauso, disco sordido; ascis linearibus, 8 sporis; sporidiis minutissimis, ovatis, hyalinis.

Ad Lonicerae P. ramos adhuc vivos, raro. Hieme. In sylva Hostrichiensi.

Fig. 29

Cenangium vernicosum Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **6**: no. 2072, 1867 [Bot. Zeitung **27**(7): 120, 1869; Jahrb. Nassauischen Vereins Naturk. **23-24**: 268 (1869-70) 1870].
≡ *Dermatea vernicosa* (Fuckel) Rehm, Rabenh. Krypt.-Fl., Edn 2, **1**.3(Lief. 31): 262 (1896) 1889.
≡ *Cenangella vernicosa* (Fuckel) Sacc., Syll. Fung. **8**: 589, 1889.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2072 (fig. 30). Fuckel (l.c.) cited *Sphaeronema polymorphum* Auersw., 1851, as asexual morph of *C. ventricosum*, which is, however, a legitimate name introduced for a sexual morph (Art. F.8.1).



2072.

Cenangium vernicosum *Fckl.*

a. Fungus conidiophorus.

Sphaeronaema poly morphum Awd. in collectionibus. Cylindraceum, obtusum, ¼ lineam altum, aterrimum, nitidum, gregarium; conidiis cylindraceis, rectis, minutis, hyalinis.

b. Fungus ascophorus.

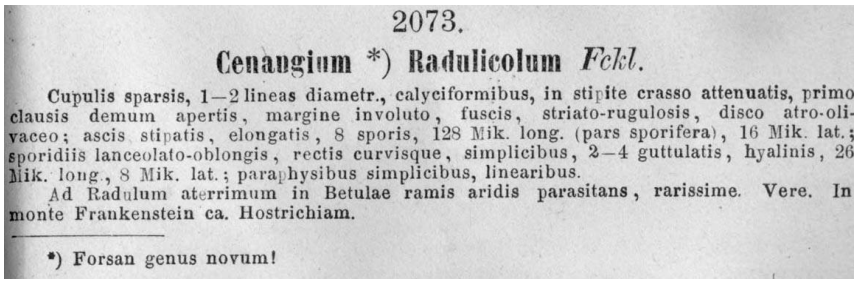
Cupulis subsessilibus, concavis, marginatis, aterrimis, nitidis, ½—1 lineae diametr., disco nigro, opaco; cum ascis et sporidiis maturis nondum vidi.

Ad Pruni Padi ramos putridos a. non raro, b. rarissime. Hieme. Biebrich in horto ducali.

Fig. 30

Cenangium radulicola Fuckel (as "*radulicolum*"), Fungi Rhen. Exs., Suppl. Fasc. **6**: no. 2073, 1867 [Bot. Zeitung **27**(7): 120, 1869].
≡ *Dermatea radulicola* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. **23-24**: 278 (1869-70) 1870.

≡ *Cenangella radulicola* (Fuckel) Rehm, Rabenh. Krypt.-Fl., Edn 2, **1**.3(Lief. 31): 231, 1889.
≡ *Godronia radulicola* (Fuckel) Rehm, Ber. Bayer. Bot. Ges. **13**: 194, 1912.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2073 (fig. 31).



2073.

Cenangium *) Radulicolum *Fckl.*

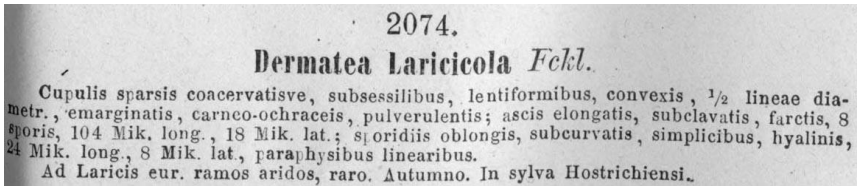
Cupulis sparsis, 1—2 lineas diametr., calyciformibus, in stipite crasso attenuatis, primo clausis demum apertis, margine involuto, fuscis, striato-rugulosis, disco atro-olivaceo; ascis stipatis, elongatis, 8 sporis, 128 Mik. long. (pars sporifera), 16 Mik. lat.; sporidiis lanceolato-oblongis, rectis curvisque, simplicibus, 2—4 guttulatis, hyalinis, 26 Mik. long., 8 Mik. lat.; paraphysibus simplicibus, linearibus.

Ad Radulum aterrimum in Betulae ramis aridis parasitans, rarissime. Vere. In monte Frankenstein ca. Hostrichiam.

*) Forsan genus novum!

Fig. 31

Dermatea laricicola Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **6**: no. 2074, 1867 [Bot. Zeitung **27**(7): 120, 1869].
≡ *Pezicula laricicola* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. **23-24**: 279 (1869-70) 1870.
= ***Pezicula cinnamomea*** (DC.) Sacc., Syll. fung. **8**: 311, 1889.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2074 (fig. 32). Fully synonymy, see Verkley (1999: 57).



2074.

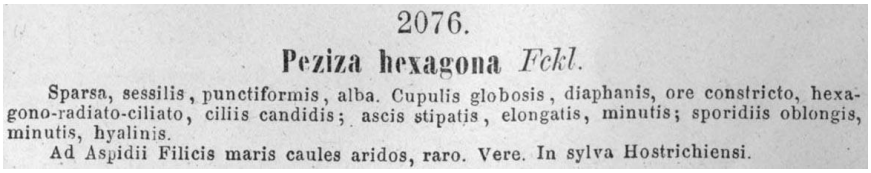
Dermatea Laricicola *Fckl.*

Cupulis sparsis coacervatisve, subsessilibus, lentiformibus, convexis, ½ lineae diametr., emarginatis, carneo-ochraceis, pulverulentis; ascis elongatis, subclavatis, farctis, 8 sporis, 104 Mik. long., 18 Mik. lat.; sporidiis oblongis, subcurvatis, simplicibus, hyalinis, 24 Mik. long., 8 Mik. lat., paraphysibus linearibus.

Ad Laricis eur. ramos aridos, raro. Autumno. In sylva Hostrichiensi.

Fig. 32

Peziza hexagona Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **6**: no. 2076, 1867 [Bot. Zeitung **27**(10): 165, 1869].
≡ *Trichopeziza hexagona* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. **23-24**: 297 (1869-70) 1870.
≡ *Dasyscyphus hexagonus* (Fuckel) Rehm, Rabenh. Krypt.-Fl., Edn 2, **1**.3(Lief. 40): 831, 1893.
≡ *Micropodia hexagona* (Fuckel) Boud., Hist. Class. Discom. Eur.: 128, 1907.
≡ *Unguicularia hexagona* (Fuckel) Dennis, Persoonia **2**(2): 176, 1962.
≡ ***Hyalopeziza hexagona*** (Fuckel) Raitv., Folia Cryptog. Estonica **9**: 1, 1977.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2076 (fig. 33).



2076.

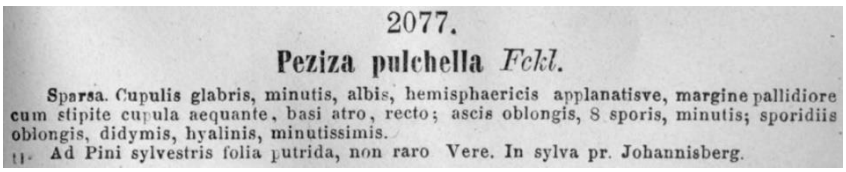
Peziza hexagona *Fckl.*

Sparsa, sessilis, punctiformis, alba. Cupulis globosis, diaphanis, ore constricto, hexagono-radiato-ciliato, ciliis candidis; ascis stipatis, elongatis, minutis; sporidiis oblongis, minutis, hyalinis.

Ad Aspidii Filicis maris caules aridos, raro. Vere. In sylva Hostrichiensi.

Fig. 33

Peziza pulchella Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **6**: no. 2077, 1867 [Bot. Zeitung **27**(10): 165, 1869], nom. illegit. (Art. 53.1), non Pers., 1822.
≡ *Pezizella pulchella* Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 299, 1870, nom. nov.
≡ Phialea pulchella (Fuckel) Sacc.), Syll. fung. **8**: 255, 1889.
≡ Hymenoscyphus pulchellus (Fuckel) Kuntze, Revis. gen. pl. **3**(3): 485, 1898.
≡ Helotium pulchellum (Fuckel) Boud., Hist. Class. Discom. Eur.: 111, 1907.
= ***Antinoa pulchella*** (Fuckel) Baral, Index Fungorum 252: 1, 2015.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2077 (fig. 34).


2077.

Peziza pulchella *Fckl.*

Sparsa. Cupulis glabris, minutis, albis, hemisphaericis applanatisve, margine pallidiore cum stipite cupula aequante, basi atro, recto; ascis oblongis, 8 sporis, minutis; sporidiis oblongis, didymis, hyalinis, minutissimis.

Ad Pini sylvestris folia putrida, non raro Vere. In sylva pr. Johannisberg.

Fig. 34

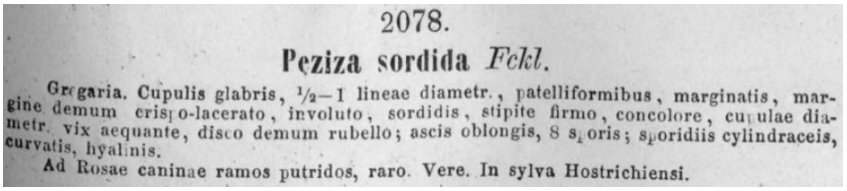
Peziza sordida Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **6**: no. 2078, 1867 [Bot. Zeitung **27**(10): 166, 1869].

≡ *Pezizella sordida* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. **23-24**: 414 (1869-70) 1870.

= ***Calycina vulgaris*** (Fr.) Baral, Beitr. Kenntn. Pilze Mitteleur. **5**: 227, 1989.

[Full synonymy, see: http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=127134; https://www.mycobank.org/MB/127134.]

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2078 (fig. 35).


2078.

Peziza sordida *Fckl.*

Gregaria. Cupulis glabris, ½—1 lineae diametr., patelliformibus, marginatis, margine demum crispo-lacerato, involuto, sordidis, stipite firmo, concolore, cupulae diametr. vix aequante, disco demum rubello; ascis oblongis, 8 sporis; sporidiis cylindraceis, curvatis, hyalinis.

Ad Rosae caninae ramos putridos, raro. Vere. In sylva Hostrichiensi.

Fig. 35

Peziza pinetorum Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **6**: no. 2082, 1867 [Bot. Zeitung **27**(10): 166, 1869].

≡ *Leucoloma pinetorum* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. **23-24**: 319 (1869-70) 1870.

≡ ***Moellerodiscus pinetorum*** (Fuckel) M.P. Sharma, Pl. Dis. Res. (Ludhiana) **1**(1-2): 44, 1986.

[Full synonymy, see: http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=128437; https://www.mycobank.org/MB/128437.]

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2082 (fig. 36).


2082.

Peziza pinetorum *Fckl.*

Gregaria, carnea. Cupulis 2 lin. diametr., planis, cinereis, glabris, margine acuto obscuriore, basi conico, in stipite ½ lineam alto, nigro attenuato, disco pallidiore; ascis elongatis, stipatis, 8 sporis; sporidiis in asci parte superiore distichis, lonceolato-oblongis, simplicibus, hyalinis, 22 Mik. long., 6 Mik. crass.

In pinetis ad folia etc. putrida, raro. Vere. In sylva Hostrichiensi (Pfingstmühle).

Fig. 36

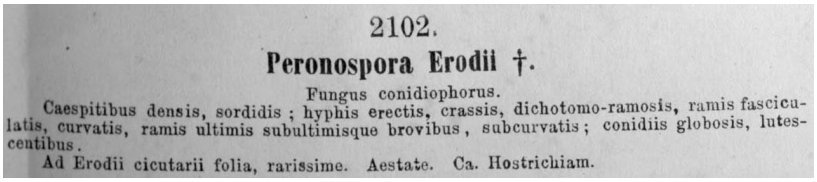
Fasc. 7

Peronospora erodii Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2102, 1868 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 68 (1869-70) 1870].

≡ *Pseudoperonospora erodii* (Fuckel) G.W. Wilson, Mycologia **6**(4): 194, 1914.

≡ *Peronoplasmopara erodii* (Fuckel) Uljan., Mikoflora Azerbaidzhana, 4, Peronosporovye Griby: 128, 1967.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2102 (fig. 37).


2102.

Peronospora Erodii †.

Fungus conidiophorus.

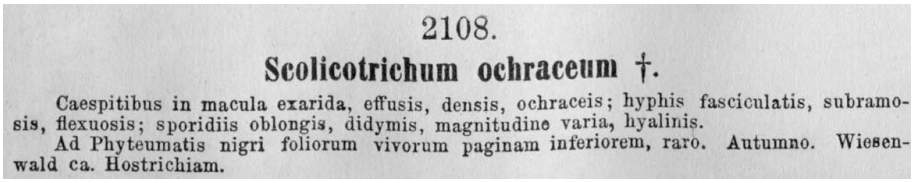
Caespitibus densis, sordidis; hyphis erectis, crassis, dichotomo-ramosis, ramis fasciculatis, curvatis, ramis ultimis subultimisque brovibus, subcurvatis; conidiis globosis, lutescentibus.

Ad Erodii cicutarii folia, rarissime. Aestate. Ca. Hostrichiam.

Fig. 37

Scolicotrichum ochraceum Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2108, 1868 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 357 (1869-70) 1870].

≡ *Bostrichonema ochraceum* (Fuckel) Sacc., Syll. fung. **4**: 186, 1886.
≡ *Ramularia ochracea* (Fuckel) U. Braun, Nova Hedwigia **53**(3-4): 301, 1991.
= ***Ramularia macrospora*** Fresen., Beitr. Mykol. **3**: 88, 1863.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2108 (fig. 38). Braun (1998: 125) reduced *Ramularia ochracea* to synonymy with *R. macrocarpa*. Braun (1991: 301) designated the material of Fungi Rhen. Exs. 2108, deposited at HAL, as lectotype.

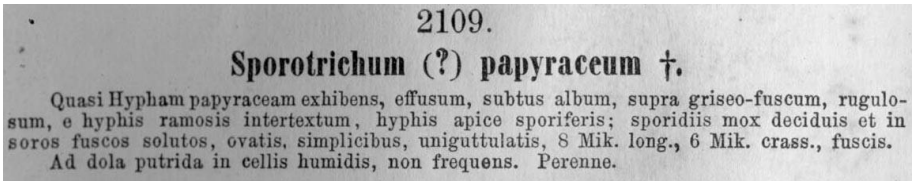

2108.

Scolicotrichum ochraceum †.

Caespitibus in macula exarida, effusis, densis, ochraceis; hyphis fasciculatis, subramosis, flexuosis; sporidiis oblongis, didymis, magnitudine varia, hyalinis.
Ad Phyteumatis nigri foliorum vivorum paginam inferiorem, raro. Autumno. Wiesenwald ca. Hostrichiam.

Fig. 38

Sporotrichum papyraceum Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2109, 1868.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2109 (fig. 39). Fuckel (1870: 29) cited this name as synonym under *Thelephora puteana* Schumach.

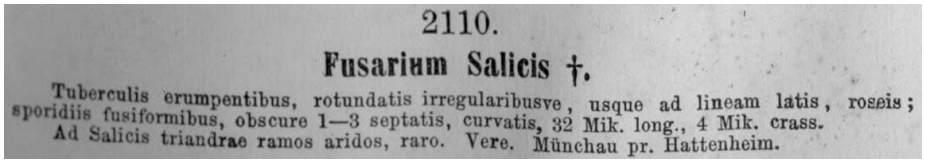

2109.

Sporotrichum (?) papyraceum †.

Quasi Hypham papyraceam exhibens, effusum, subtus album, supra griseo-fuscum, rugulosum, e hyphis ramosis intertextum, hyphis apice sporiferis; sporidiis mox deciduis et in soros fuscos solutos, ovatis, simplicibus, uniguttulatis, 8 Mik. long., 6 Mik. crass., fuscis.
Ad dola putrida in cellis humidis, non frequens. Perenne.

Fig. 39

Fusarium salicis Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2110, 1868 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 370 (1869-70) 1870].
= ***Fusarium lateritium*** Nees, Syst. Pilze: 31, (1816-17) 1816.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2110 (fig. 40). Synonymy according to Wollenweber & Reinking (1935).

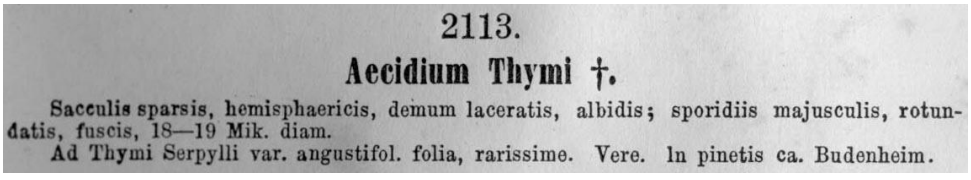

2110.

Fusarium Salicis †.

Tuberculis erumpentibus, rotundatis irregularibusve, usque ad lineam latis, roseis; sporidiis fusiformibus, obscure 1—3 septatis, curvatis, 32 Mik. long., 4 Mik. crass.
Ad Salicis triandrae ramos aridos, raro. Vere. Münchau pr. Hattenheim.

Fig. 40

Aecidium thymi Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2113, 1868 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 376 (1869-70) 1870].
≡ ***Puccinia thymi*** (Fuckel) P. Karst., Bidr. Känn. Finl. Nat. Folk **39**: 44, 1884.
= *Puccinia caulincola* W.G. Schneid., Jahresber. Schles. Ges. Vaterl. Kultur **48**: 120, 1870, nom. illeg (Art. 53.1), non Spreng., 1827.
≡ *Puccinia schneideri* J. Schröt., in Schneider, Herb. Schles. Pilze: no. 448, 1879.
≡ *Dicaeoma schneideri* (J. Schröt.) Kuntze, Revis. gen. pl. **3**(3): 470, 1898.
≡ *Micropuccinia schneideri* (J. Schröt.) Rostr., Bot. Tidsskr. **25**: 291, 1903.
= *Puccinia ruebsaamenii* Magnus, Bull. Inst. Bot. Univ. Belgrade **22**: 344, 1904.
≡ *Puccinia schneideri* var. *ruebsaamenii* (Magnus) U. Braun, Feddes Repert. **93**(3-4): 278, 1982.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2113 (fig. 41).

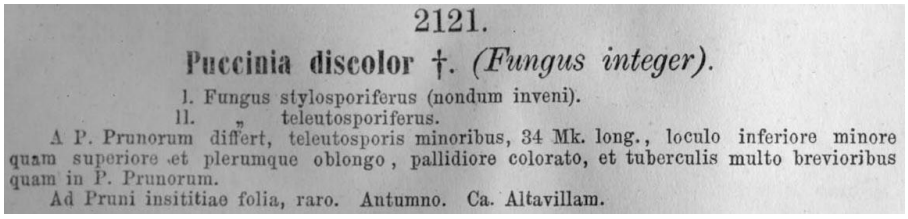

2113.

Aecidium Thymi †.

Sacculis sparsis, hemisphaericis, demum laceratis, albidis; sporidiis majusculis, rotundatis, fuscis, 18—19 Mik. diam.
Ad Thymi Serpylli var. angustifol. folia, rarissime. Vere. In pinetis ca. Budenheim.

Fig. 41

Puccinia discolor Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2121, 1868 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 44 (1869-70) 1870].
≡ *Tranzschelia pruni-spinosae* var. *discolor* (Fuckel) Dunegan, Phytopathology **28**: 424, 1938.
≡ ***Tranzschelia discolor*** (Fuckel) Tranzschel & M.A. Litv., Bot. Zhurn. SSSR **24**(3): 248, 1939.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2121 (fig. 42).

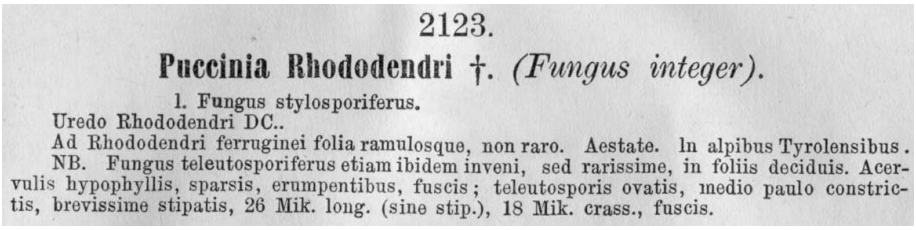

2121.

Puccinia discolor †. *(Fungus integer).*

I. Fungus stylosporiferus (nondum inveni).
II. „ teleutosporiferus.
A P. Prunorum differt, teleutosporis minoribus, 34 Mk. long., loculo inferiore minore quam superiore et plerumque oblongo, pallidiore colorato, et tuberculis multo brevioribus quam in P. Prunorum.
Ad Pruni insititiae folia, raro. Autumno. Ca. Altavillam.

Fig. 42

Puccinia rhododendri Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2123, 1868 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 51 (1869-70) 1870].
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2123 (fig. 43). Fuckel (l.c.) erroneously cited *Uredo rhododendri* DC. (= *Chrysomyxa rhododendri* (DC.) de Bary) as asexual morph ("fungus stylosporiferus") of *P. rhododendri*, which is, however, a legitimate teleomorph-typified name (Art. F.8.1) and does not constitute a combination based on *Uredo rhododendri*.

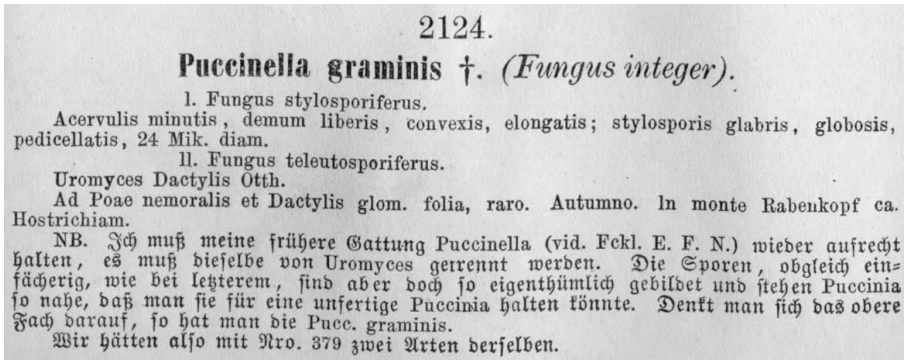

2123.

Puccinia Rhododendri †. *(Fungus integer).*

I. Fungus stylosporiferus.
Uredo Rhododendri DC..
Ad Rhododendri ferruginei folia ramulosque, non raro. Aestate. In alpibus Tyrolensibus.
NB. Fungus teleutosporiferus etiam ibidem inveni, sed rarissime, in foliis deciduis. Acervulis hypophyllis, sparsis, erumpentibus, fuscis; teleutosporis ovatis, medio paulo constrictis, brevissime stipatis, 26 Mik. long. (sine stip.), 18 Mik. crass., fuscis.

Fig. 43

Puccinella graminis Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2124, 1868 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 61 (1869-70) 1870], nom. illegit. [superfl.] (Art. 52.1).
≡ ***Uromyces dactylidis*** G.H. Otth, Mitt. Naturf. Ges. Bern **469-496**: 85, 1861.
Notes: This is an illegitimate name published on the label of Fungi Rhen. Exs., Suppl., 2124 (fig. 44). Fuckel (l.c.) cited *Uromyces dactylidis* as synonym, a name that ought to have been adopted.

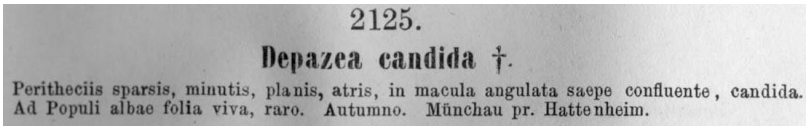

2124.

Puccinella graminis †. *(Fungus integer).*

I. Fungus stylosporiferus.
Acervulis minutis, demum liberis, convexis, elongatis; stylosporis glabris, globosis, pedicellatis, 24 Mik. diam.
II. Fungus teleutosporiferus.
Uromyces Dactylis Otth.
Ad Poae nemoralis et Dactylis glom. folia, raro. Autumno. In monte Rabenkopf ca. Hostrichiam.
NB. Ich muß meine frühere Gattung Puccinella (vid. Fckl. E. F. N.) wieder aufrecht halten, es muß dieselbe von Uromyces getrennt werden. Die Sporen, obgleich einfächerig, wie bei letzterem, sind aber doch so eigenthümlich gebildet und stehen Puccinia so nahe, daß man sie für eine unfertige Puccinia halten könnte. Denkt man sich das obere Fach darauf, so hat man die Pucc. graminis.
Wir hätten also mit Nro. 379 zwei Arten derselben.

Fig. 44

Depazea candida Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2125, 1868.
≡ *Septoria candida* (Fuckel) Sacc., Michelia **1**(2): 171, 1878.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2125 (fig. 45). Fuckel (1870: 123) cited *Depazea candida* as spermogonial morph of *Linospora candida* Fuckel, which is a separate, teleomorph-typified name (Art. F.8.1).

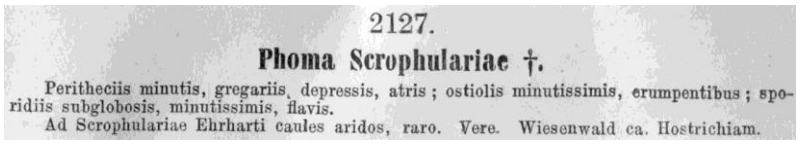

2125.

Depazea candida †.

Peritheciis sparsis, minutis, planis, atris, in macula angulata saepe confluente, candida.
Ad Populi albae folia viva, raro. Autumno. Münchau pr. Hattenheim.

Fig. 45

Phoma scrophulariae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2127, 1868.
≡ *Sphaeria scrophulariae* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. **23-24**: 112 (1869-70) 1870, nom. illegit. (Art. 53.1), non Desm. 1836.
≡ *Coniothyrium scrophulariae* (Fuckel) Sacc., Syll. fung. **3**: 316, 1884.
≡ *Clisosporium scrophulariae* (Fuckel) Kuntze, Revis. gen. pl. **3**(3): 458, 1898.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2127 (fig. 46). Fuckel (1870: 112) placed *Phoma scrophulariae* in *Sphaeria*. The sexual morph, unknown to him, was not described, so that the name *Sphaeria scrophulariae* has to be considered a combination based on *Phoma scrophulariae*.


2127.

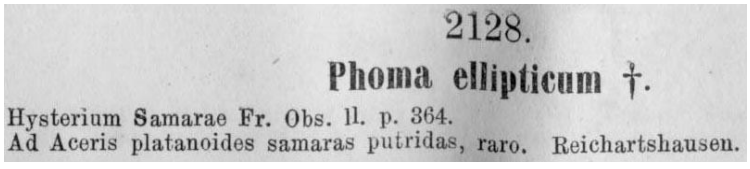
Phoma Scrophulariae †.

Peritheciis minutis, gregariis, depressis, atris; ostiolis minutissimis, erumpentibus; sporidiis subglobosis, minutissimis, flavis.
Ad Scrophulariae Ehrharti caules aridos, raro. Vere. Wiesenwald ca. Hostrichiam.

Fig. 46

Phoma elliptica Fuckel (as "*ellipticum*"), Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2128, 1868 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 131 (1869-70) 1870], nom. nov., nom. illegit. [superfl.] (Art. 52.1).
≡ *Hysterium samarae* Fr., Observ. mycol. **2**: 364, 1818.
Notes: This is an illegitimate (superfluous) name published on the label of Fungi Rhen. Exs., Suppl., 2128 (fig. 47). Fuckel (l.c.) cited *Hysterium samarae* as synonym of *Phoma ellipticum* and introduced a superfluous replacement name. Fuckel (1870: 131) cited the two names as asexual morphs ("fungus pycnidium") of *Pleospora samarae* Fuckel, which was introduced as teleomorph-typified name (Art. F.8.1). However, the combination "*Phoma samara* (Fr.)" was not introduced by Fuckel. Boerema & Dorenbosch (1970: 54) examined two duplicates of Fuckel, Fungi Rhen. 2128 and stated that this collection probably pertains to *Dothichiza* Lib. ex Roum. Unfortunately, authentic material of *Hysterium samara* is not preserved. Fuckel'a name influences the status of *Phoma elliptica* Peck, 1875, which is, according to Art. 53.1, Note 2, also illegitimate:

Phoma elliptica Peck, Ann. Rep. N.Y. St. Mus. Nat. Hist. **27**: 101, 1875, nom. illeg. (Art. 53.1, Note 2), non *P. elliptica* Fuckel, 1868.
≡ *Phomopsis elliptica* Grove (as "(Peck) Grove"), British Stem- and Leaf-Fungi (Coelomycetes) (Cambridge) **1**: 189, 1935.

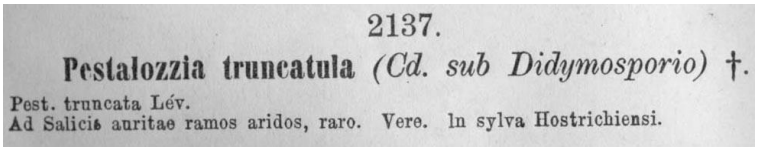

2128.

Phoma ellipticum †.

Hysterium Samarae Fr. Obs. ll. p. 364.
Ad Aceris platanoides samaras putridas, raro. Reichartshausen.

Fig. 47

Pestalotia truncatula (Corda) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2137, 1868 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 391 (1869-70) 1870].
≡ *Didymosporium truncatulum* Corda, Icon. fung. **6**: 5, fig. 16, 1854.
Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 2137 (fig. 48).


2137.

Pestalozzia truncatula *(Cd. sub Didymosporio)* **†.**

Pest. truncata Lév.
Ad Salicis auritae ramos aridos, raro. Vere. In sylva Hostrichiensi.

Fig. 48

Apiosporium fumago Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2143, 1868 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 87 (1869-70) 1870].
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2143 (fig. 49). Höhnel (1913) commended on this species and stated that it pertains to the *Leptostromataceae*.



2143.

Apiosporium Fumago †. *(Fung. integer).*

I. Fungus conidium.

Conidiis in catenulis seriatis, pilorum simplicium erectorum, acuminatorum, fuscorum superficiem totam tegentibus, globosis, 8 Mik. diam., maturis olivaceis; pilis 144 Mik. long.

II. Fungus ascophorus.

Peritheciis punctiformibus, demum confluentibus, orbicularibus, planis, subtilissime papillatis, atris; ascis globosis, 16 Mik. diam., 4 sporis (?); sporidiis minutis, globosis.

I. & II. ad Fagi folia arida, I. etiam ad Ilicis aquifolii folia viva, rarissime. Vere. In Jura Morthier detexit.

NB. Auch andere, vielleicht alle Arten von Apiosporium haben Schläuche, dieselben sind aber äußerst zart. Das Nähere später in meinen Beiträgen.

Fig. 49

Tympanis syringae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2144, 1868.
≡ *Cenangium syringae* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. **23-24**: 270 (1869-70) 1870.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2144 (fig. 50).



2144.

Tympanis Syringae †.

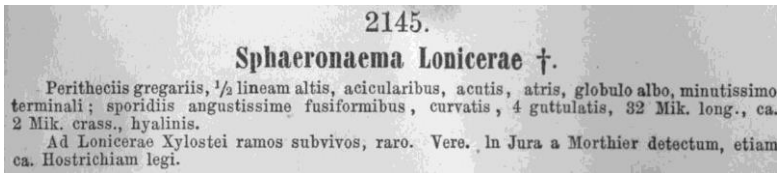
Cupulis atris, sparsis, ½—1 lineam diam., primo clausis, demum apertis, margine 4—7 lacerato; disco atro; ascis elongatis, stipatis, operculatis, 112 Mik. long., 16 Mik. crass., multisporis; sporidiis minutissimis, cylindraceis, curvatis, oscillantibus; paraphysibus simplicibus, linearibus, asci longitudine.

Ad Syringae vulgaris ramos putridos, raro. Vere. Münchau p. Hattenheim.

NB. Ich sah hier niemals andere Sporen. Was ich bei Nro. 1582 gesagt, daß nämlich die Schläuche mit Spermatien (Conidien) gefüllt seien, muß ich nach diesem weiteren Beispiel, aufrecht halten. Ich halte diese Sache mit der Ansicht de Bary's, daß diese Körperchen Keimungsgebilde seien, wenigstens bei gegenwärtigem Falle, nicht für abgeschlossen.

Fig. 50

Sphaeronaema lonicerae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2145, 1868.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2145 (fig. 51). Fuckel (1870: 275) cited *Sphaeronaema lonicerae* as asexual morph ("fungus pycnidium") of *Dothiora lonicerae* Fuckel (≡ *Sphaerographium lonicerae* (Fuckel) Sacc.), the type species of *Sphaerographium*. *Dothiora lonicerae* is a separate, teleomorph-typified name, i.e., this name is no combination based on *Sphaeronaema lonicerae* (Art. F.8.1).



2145.

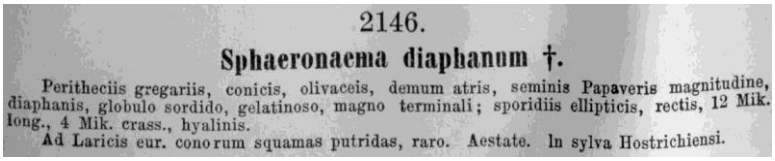
Sphaeronaema Lonicerae †.

Peritheciis gregariis, ½ lineam altis, acicularibus, acutis, atris, globulo albo, minutissimo terminali; sporidiis angustissime fusiformibus, curvatis, 4 guttulatis, 32 Mik. long., ca. 2 Mik. crass., hyalinis.

Ad Lonicerae Xylostei ramos subvivos, raro. Vere. In Jura a Morthier detectum, etiam ca. Hostrichiam legi.

Fig. 51

Sphaeronaema diaphanum Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2146, 1868 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 399 (1869-70) 1870].
≡ *Sphaeronaemella diaphana* (Fuckel) Sacc., Syll. fung. **3**: 617, 1884.
≡ *Pseudodiplodia diaphana* (Fuckel) Sacc. & P. Syd., Syll. fung. **16**: 986, 1902.
≡ *Discella diaphana* (Fuckel) Höhn., Sitzungsber. Akad. Wiss. Wien, Math.-Naturw. Kl., Abt. 1, **124**: 140, 1915.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2146 (fig. 52).



2146.

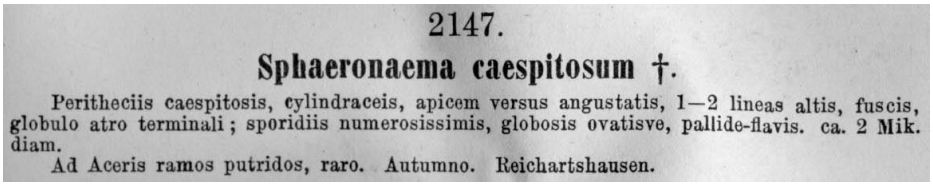
Sphaeronaema diaphanum †.

Peritheciis gregariis, conicis, olivaceis, demum atris, seminis Papaveris magnitudine, diaphanis, globulo sordido, gelatinoso, magno terminali; sporidiis ellipticis, rectis, 12 Mik. long., 4 Mik. crass., hyalinis.

Ad Laricis eur. conorum squamas putridas, raro. Aestate. In sylva Hostrichiensi.

Fig. 52

Sphaeronaema caespitosum Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2147, 1868 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 399 (1869-70) 1870].
≡ *Xenostroma caespitosum* (Fuckel) Höhn., Sitzungsber. Kaiserl. Akad. Wiss. Wien, Math.-Naturw. Cl., Abt. 1, **124**: 149, 1915.
≡ *Deltosperma caespitosum* (Fuckel) W.Y. Zhuang, Mycotaxon **32**(1): 48, 1988.
≡ ***Unguiculariopsis caespitosa*** (Fuckel) W.Y. Zhuang, in Johnston et al., IMA Fungus **5**(1): 107, 2014.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2147 (fig. 53).

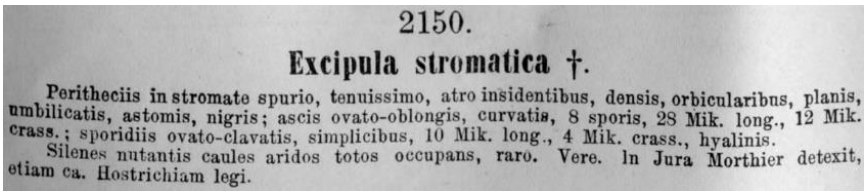

2147.

Sphaeronaema caespitosum †.

Peritheciis caespitosis, cylindraceis, apicem versus angustatis, 1—2 lineas altis, fuscis, globulo atro terminali; sporidiis numerosissimis, globosis ovatisve, pallide-flavis. ca. 2 Mik. diam.
Ad Aceris ramos putridos, raro. Autumno. Reichartshausen.

Fig. 53

Excipula stromatica Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2150, 1868 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 400 (1869-70) 1870].
≡ *Ephelina stromatica* (Fuckel) Sacc., Syll. fung. **8**: 585, 1889.
≡ *Scleroderris stromatica* (Fuckel) Rehm, Rabenh. Krypt.-Fl., Ed. 2, **1**.3(Lief. 55): 1244, 1896.
≡ *Catacaumella stromatica* (Fuckel) Höhn., Sitzungsber. Kaiserl. Akad. Wiss. Wien, Math.-Naturw. Cl., Abt. 1, **128**(7-8): 608, 1919.
≡ *Guignardia stromatica* (Fuckel) Petr., Ann. Mycol. **21**(3/4): 269, 1923.
≡ *Discosphaerina stromatica* (Fuckel) Petr., Ann. Mycol. **25**(3/4): 243, 1927.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2150 (fig. 54).

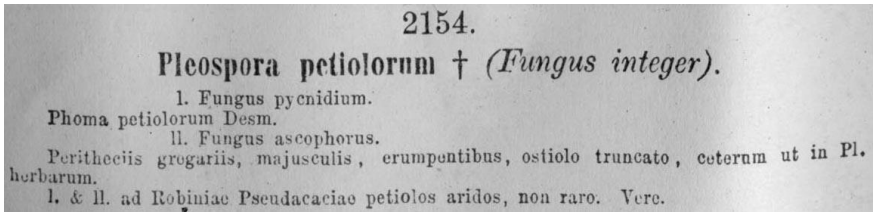

2150.

Excipula stromatica †.

Peritheciis in stromate spurio, tenuissimo, atro insidentibus, densis, orbicularibus, planis, umbilicatis, astomis, nigris; ascis ovato-oblongis, curvatis, 8 sporis, 28 Mik. long., 12 Mik. crass.; sporidiis ovato-clavatis, simplicibus, 10 Mik. long., 4 Mik. crass., hyalinis.
Silenes nutantis caules aridos totos occupans, raro. Vere. In Jura Morthier detexit, etiam ca. Hostrichiam legi.

Fig. 54

Pleospora petiolorum Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2154, 1868 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 132 (1869-70) 1870].
≡ *Pyrenophora petiolorum* (Fuckel) Feltgen, Vorstud. Pilzfl. Luxembg., Nachtr. III: 201, 1903.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2154 (fig. 55). Fuckel (l.c.) cited *Phoma petiolorum* Desm. (≡ Phomopsis p*etiolorum* (Desm.) Grove) as asexual morph ("Fungus pycnidium") of his new *Pleospora petiolorum*. However, he explicitly introduced a new teleomorph-typified new species (Art. F.8.1), so that this name cannot be considered a combination based on *Phoma petiolorum*.


2154.

Pleospora petiolorum † *(Fungus integer).*

I. Fungus pycnidium.
Phoma petiolorum Desm.
II. Fungus ascophorus.
Peritheciis gregariis, majusculis, erumpentibus, ostiolo truncato, ceterum ut in Pl. herbarum.
I. & II. ad Robiniae Pseudacaciae petiolos aridos, non raro. Vere.

Fig. 55

Leptosphaeria asparagi Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2155, 1868.
≡ *Diaporthe asparagi* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. **23-24**: 206 (1869-70) 1870.
≡ *Clypeosphaeria asparagi* (Fuckel) G. Winter, Hedwigia **26**: 62, 1887.
≡ *Homostegia asparagi* (Fuckel) Höhn., Mitt. Bot. Inst. Tech. Hochsch. Wien **4**(2): 43, 1927.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2155 (fig. 56). Owing to the validity of *Leptosphaeria asparagi* Fuckel, *L. asparagi* Pass., 1884, is an illegitimate name:

Leptosphaeria asparagi Pass., Atti Reale Accad. Lincei, Rendic., Sér. 4, **3**(1): 90, 1884, nom. illegit. (Art. 53.1).
≡ ***Leptosphaeria passeriniana*** Sacc., Syll. fung. **9**: 785, 1891.



2155.

Leptosphaeria Asparagi †. *(Fungus integer.)*

I. Fungus conidiophorus.

Peritheciis in stromate tenuissimo elongato, sparsis, globosis, in ostiolum conicum attenuatis; cirrhis albis; conidiis ovatis, biguttulatis, hyalinis.

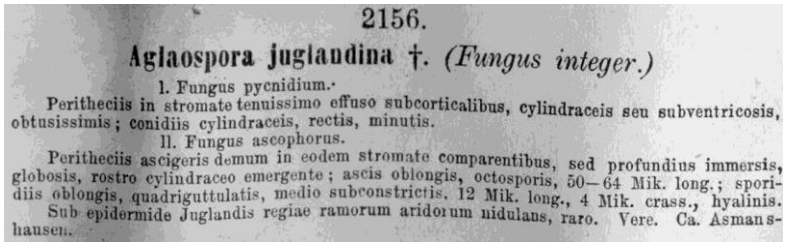
II. Fungus ascophorus.

Peritheciis uti in antecedente sed minoribus, tectis, ostiolis erumpentibus, ascis elongatis, 88 Mik. long. octosporis; sporidiis subdistichis, elongatis, curvatis, 4 septatis, loculo superiore crassiore, acuminato; 24 Mik. long., 6 Mik. crass., hyalinis.

I. & II. ad Asparagi off. caules aridos, raro. Vere. Münchau pr. Hattenheim.

Fig. 56

Aglaospora juglandina Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2156, 1868.
≡ *Diaporthe juglandina* (Fuckel) Nitschke, Pyrenomyc. Germ. **2**: 281, 1870.
≡ *Phoma juglandina* (Fuckel) Sacc., Michelia **1**(5): 521, 1879.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2156 (fig. 57).



2156.

Aglaospora juglandina †. *(Fungus integer.)*

I. Fungus pycnidium.

Peritheciis in stromate tenuissimo effuso subcorticalibus, cylindraceis seu subventricosis, obtusissimis; conidiis cylindraceis, rectis, minutis.

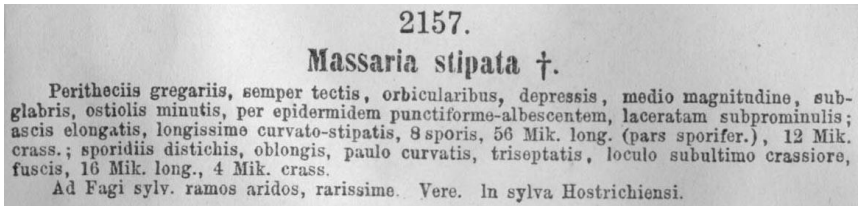
II. Fungus ascophorus.

Peritheciis ascigeris demum in eodem stromate comparentibus, sed profundius immersis, globosis, rostro cylindraceo emergente; ascis oblongis, octosporis, 50—64 Mik. long.; sporidiis oblongis, quadriguttulatis, medio subconstrictis, 12 Mik. long., 4 Mik. crass., hyalinis.

Sub epidermide Juglandis regiae ramorum aridorum nidulans, raro. Vere. Ca. Asmanshausen.

Fig. 57

Massaria stipitata Fuckel (as "*stipata*"), Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2157, 1868 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 154 (1869-70) 1870].
≡ ***Dendropleella stipitata*** (Fuckel) Shoemaker & LeClair, Canad. J. Bot. **53**(15): 1592, 1975.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2157 (fig. 58) ["*stipata*" was a misprint, later corrected to "*stipitata*" (see Fuckel, 1870: 154)].



2157.

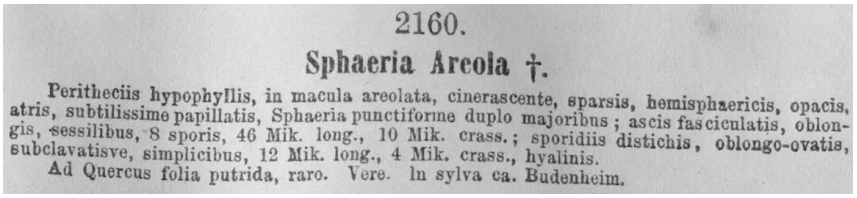
Massaria stipata †.

Peritheciis gregariis, semper tectis, orbicularibus, depressis, medio magnitudine, subglabris, ostiolis minutis, per epidermidem punctiforme-albescentem, laceratam subprominulis; ascis elongatis, longissime curvato-stipatis, 8 sporis, 56 Mik. long. (pars sporifer.), 12 Mik. crass.; sporidiis distichis, oblongis, paulo curvatis, triseptatis, loculo subultimo crassiore, fuscis, 16 Mik. long., 4 Mik. crass.

Ad Fagi sylv. ramos aridos, rarissime. Vere. In sylva Hostrichiensi.

Fig. 58

Sphaeria areola Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2160, 1868.
≡ *Sphaerella areola* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. **23-24**: 105 (1869-70) 1870.
[Full synonymy, see: https://www.mycobank.org/MB/414732.]
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2160 (fig. 59).



2160.

Sphaeria Areola †.

Peritheciis hypophyllis, in macula areolata, cinerascente, sparsis, hemisphaericis, opacis, atris, subtilissime papillatis, Sphaeria punctiforme duplo majoribus; ascis fasciculatis, oblongis, sessilibus, 8 sporis, 46 Mik. long., 10 Mik. crass.; sporidiis distichis, oblongo-ovatis, subclavatisve, simplicibus, 12 Mik. long., 4 Mik. crass., hyalinis.

Ad Quercus folia putrida, raro. Vere. In sylva ca. Budenheim.

Fig. 59

Sphaeria dryadis Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2161, 1868 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 108 (1869-70) 1870].
= ***Isothea rhytismoides*** Fr., Summa veg. Scand. **2**: 421, 1849.

[Full synonymy, see: http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=154060; https://www.mycobank.org/MB/154060.]
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2161 (fig. 60).

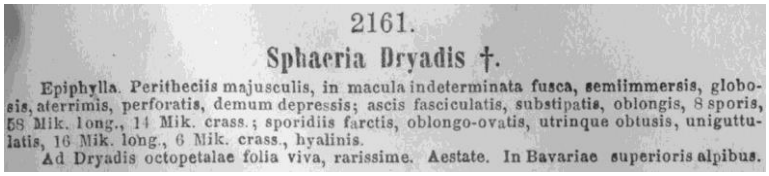

2161.
Sphaeria Dryadis †.
Epiphylla. Peritheciis majusculis, in macula indeterminata fusca, semlimmersis, globosis, aterrimis, perforatis, demum depressis; ascis fasciculatis, substipatis, oblongis, 8 sporis, 58 Mik. long., 14 Mik. crass.; sporidiis farctis, oblongo-ovatis, utrinque obtusis, uniguttulatis, 16 Mik. long., 6 Mik. crass., hyalinis.
Ad Dryadis octopetalae folia viva, rarissime. Aestate. In Bavariae superioris alpibus.

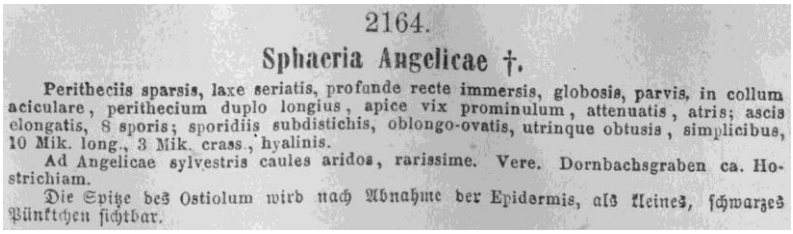
Fig. 60

Sphaeria crataegi Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2162, 1868, nom. illegit. (Art. 53.1), non Schwein., 1832.
≡ *Sphaerella crataegi* Fuckel, Jahrb. Nassauischen Vereins Naturk. **23-24**: 105 (1869-70) 1870.
≡ *Mycosphaerella crataegi* (Fuckel) Oudem., Rév. Champ. Pays-Bas (Amsterdam) **2**: 215, 1897.
≡ *Carlia crataegi* (Fuckel) Höhn., Hedwigia **62**: 57, 1920.
Notes: This is an illegitimate name published on the label of Fungi Rhen. Exs., Suppl., 2162 (fig. 61). *Sphaerella crataegi* Fuckel, although published under an illegitimate genus name [*Sphaerella* (Fr.) Rabenh., 1856, non Sommerf., 1824 (*Algae*)], is legitimate (Art. 55.1). A new combination has to be based on a legitimate basionym (Art. 6.10). Therefore, *Mycosphaerella crataegi* is a combination based on *Sphaerella crataegi*, which was cited as basionym.


2162.
Sphaeria Crataegi †.
Hypophylla. Peritheciis plerumque seriatis et maculas angulatas formantibus, nigris minutis, tectis, ostiolis erumpentibus, atris, perforatis; ascis anguste elongatis, octosporis; sporidiis ellipticis, rectis seu paululo curvatis, simplicibus, hyalinis
Ad Crataegi Ox. folia arida, non raro. Vere.

Fig. 61

Sphaeria angelicae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2164, 1868 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 113 (1869-70) 1870], nom. illegit. (Art. 53.1), non Berk., 1837.
≡ *Gnomoniella angelicae* Sacc. (as "(Fuckel) Sacc."), Syll. fung. **1**: 417, 1882, nom. nov.
≡ ***Phomatospora angelicae*** (Sacc.) Mouton (as "(Fuckel) Mouton"), Bull. Soc. R. Bot. Belg. **39**: 39, 1900.
≡ *Phomatosporopsis angelicae* (Sacc.) Petr. (as "(Fuckel) Petr."), Ann. Mycol. **23**: 37, 1925.
= *Physalospora cupularis* G. Winter, J. Bot. (Paris) **1**: 271, 1887.
≡ *Phomatospora cupularis* (G. Winter) Sacc., Syll. fung. **9**: 590, 1891.
= *Sphaerella angelicae* Ellis & Everh., Proc. Acad. nat. Sci. Philad. **42**: 231, 1890.
≡ *Didymella angelicae* (Ellis & Everh.) Sacc., Syll. fung. **9**: 663, 1891.
≡ *Cercidospora angelicae* (Ellis & Everh.) Kuntze, Revis. gen. pl. **3**(3): 453, 1898.
= *Phomatospora arenaria* Sacc., E. Bommer & M. Rousseau, in Bommer & Rousseau, Bull. Soc. R. Bot. Belg. **29**(1): 276, 1890.
= *Phomatospora libanotidis* Fautr. & Lamb., Rev. Mycol. **19**(76): 142, 1897.
= *Phomatospora hydrophila* Henn. & Kirschst., Verh. Bot. Ver. Brandenb. **41**: 11, 1899.
= *Phomatospora feltgenii* Sacc. & Syd., Syll. fung. **16**: 457, 1901.
Notes: This is an illegitimate name published on the label of Fungi Rhen. Exs., Suppl., 2164 (fig. 62), later validated as *Gnomoniella angelicae*. Taxonomy and synonymy according to Arx & Müller (1954: 353). See also Chlebicki (1991: 345). Wehmeyer (1933) erroneously reduced *Sphaeria angelicae* Fuckel to synonymy with *Diaporthopsis angelicae* (Berk.) Wehm. (now ***Diaporthe angelicae*** (Berk.) Farr & Castl.). A modern phylogenetic treatment of *Phomatospora* was recently published by Senanayake et al. (2016), in which this genus was placed in the new order *Phomatosporales* and family *Phomatosporaceae*. However, the present species has not yet been phylogenetically examined, i.e., its placement in *Phomatospora* is just based on morphology.



2164.

Sphaeria Angelicae †.

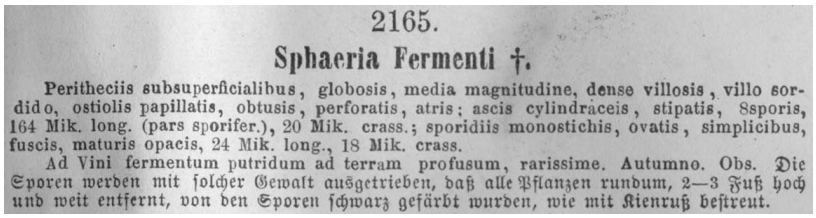
Peritheciis sparsis, laxe seriatis, profunde recte immersis, globosis, parvis, in collum aciculare, perithecium duplo longius, apice vix prominulum, attenuatis, atris; ascis elongatis, 8 sporis; sporidiis subdistichis, oblongo-ovatis, utrinque obtusis, simplicibus, 10 Mik. long., 3 Mik. crass., hyalinis.

Ad Angelicae sylvestris caules aridos, rarissime. Vere. Dornbachsgraben ca. Hostrichiam.

Die Spitze des Ostiolum wird nach Abnahme der Epidermis, als kleines, schwarzes Pünktchen sichtbar.

Fig. 62

Sphaeria fermenti Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2165, 1868.
≡ *Hypocopra fermenti* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. **23-24**: 241 (1869-70) 1870.
≡ *Sordaria fermenti* (Fuckel) G. Winter, Abh. Naturf. Ges. Halle **13**(1): 85, 1873.
= ***Sordaria humana*** (Fuckel) G. Winter, Abh. Naturf. Ges. Halle **13**(1): 85, 1873.
[Full synonymy, see: https://www.mycodb.fr/fiche.php?genre=Sordaria&espece=humana.]
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2165 (fig. 63).



2165.

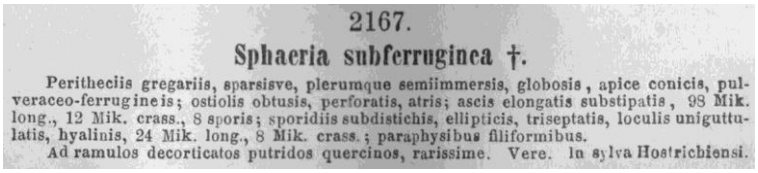
Sphaeria Fermenti †.

Peritheciis subsuperficialibus, globosis, media magnitudine, dense villosis, villo sordido, ostiolis papillatis, obtusis, perforatis, atris; ascis cylindraceis, stipatis, 8sporis, 164 Mik. long. (pars sporifer.), 20 Mik. crass.; sporidiis monostichis, ovatis, simplicibus, fuscis, maturis opacis, 24 Mik. long., 18 Mik. crass.

Ad Vini fermentum putridum ad terram profusum, rarissime. Autumno. Obs. Die Sporen werden mit solcher Gewalt ausgetrieben, daß alle Pflanzen rundum, 2—3 Fuß hoch und weit entfernt, von den Sporen schwarz gefärbt wurden, wie mit Kienruß bestreut.

Fig. 63

Sphaeria subferruginea Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2167, 1868.
≡ *Trematosphaeria subferruginea* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. **23-24**: 162 (1869-70) 1870.
≡ *Zignoella subferruginea* (Fuckel) Sacc., Syll. fung. **2**: 223, 1883.
≡ ***Ceratosphaeria subferruginea*** (Fuckel) Munk, Dansk Bot. Ark. **15**(2): 69, 1953.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2167 (fig. 64).



2167.

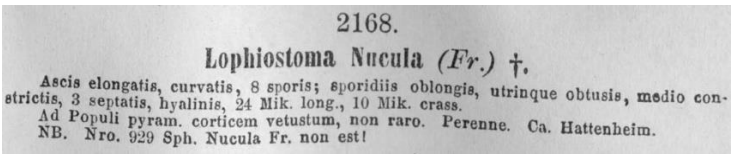
Sphaeria subferruginea †.

Peritheciis gregariis, sparsisve, plerumque semiimmersis, globosis, apice conicis, pulveraceo-ferrugineis; ostiolis obtusis, perforatis, atris; ascis elongatis substipatis, 98 Mik. long., 12 Mik. crass., 8 sporis; sporidiis subdistichis, ellipticis, triseptatis, loculis uniguttulatis, hyalinis, 24 Mik. long., 8 Mik. crass.; paraphysibus filiformibus.

Ad ramulos decorticatos putridos quercinos, rarissime. Vere. In sylva Hostrichiensi.

Fig. 64

Lophiostoma nucula (Fr.) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2168, 1868 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 156 (1869-70) 1870)].
≡ *Sphaeria nucula* Fr., K. Svenska Vetensk-Akad. Handl., Ser. 3, **38**: 266, 1817.
≡ ***Lophiostoma nucula*** (Fr.) Ces. & De Not., Comm. Soc. Critt. Ital. **1**: 220, 1863.
≡ *Lophiotrema nucula* (Fr.) Sacc., Michelia **1**(3): 338, 1878.
= *Lophiostoma duplex* P. Karst., Fungi Fenn. Exs., no. 970, 1870.
≡ *Lophiotrema duplex* (P. Karst.) Sacc., Michelia **1**(3): 338, 1878.
Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 2168 (fig. 65). Taxonomy and synonymy, see Holm & Holm (1988: 26).



2168.

Lophiostoma Nucula *(Fr.)* †.

Ascis elongatis, curvatis, 8 sporis; sporidiis oblongis, utrinque obtusis, medio constrictis, 3 septatis, hyalinis, 24 Mik. long., 10 Mik. crass.

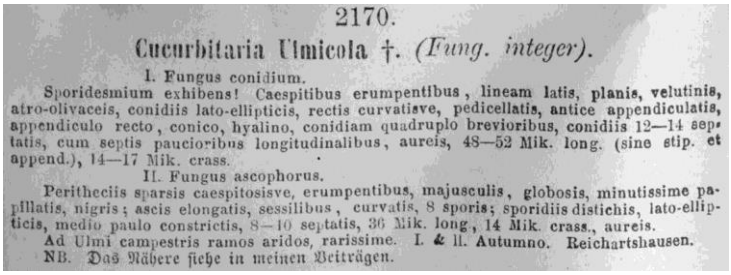
Ad Populi pyram. corticem vetustum, non raro. Perenne. Ca. Hattenheim.

NB. Nro. 929 Sph. Nucula Fr. non est!

Fig. 65

Cucurbitaria ulmicola Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2170, 1868 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 172 (1869-70) 1870].

≡ *Gibberidea ulmicola* (Fuckel) Kuntze, Revis. gen. pl. **3**(3): 481, 1898.
≡ *Pleomassaria ulmicola* (Fuckel) M.E. Barr, Mycotaxon **15**: 372, 1982.
≡ ***Splanchnonema ulmicola*** (Fuckel) M.E. Barr, Mycotaxon **49**: 141, 1993.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2170 (fig. 66).



2170.

Cucurbitaria Ulmicola †. *(Fung. integer).*

I. Fungus conidium.

Sporidesmium exhibens! Caespitibus erumpentibus, lineam latis, planis, velutinis, atro-olivaceis, conidiis lato-ellipticis, rectis curvatisve, pedicellatis, antice appendiculatis, appendiculo recto, conico, hyalino, conidiam quadruplo brevioribus, conidiis 12—14 septatis, cum septis paucioribus longitudinalibus, aureis, 48—52 Mik. long. (sine stip. et append.), 14—17 Mik. crass.

II. Fungus ascophorus.

Peritheciis sparsis caespitosisve, erumpentibus, majusculis, globosis, minutissime papillatis, nigris; ascis elongatis, sessilibus, curvatis, 8 sporis; sporidiis distichis, lato-ellipticis, medio paulo constrictis, 8—10 septatis, 36 Mik. long, 14 Mik. crass., aureis.

Ad Ulmi campestris ramos aridos, rarissime. I. & II. Autumno. Reichartshausen.

NB. Das Nähere siehe in meinen Beiträgen.

Fig. 66

Herpotrichia Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2171, 1868 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 146 (1869-70) 1870].
and
Herpotrichia rubi Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2171, 1868 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 146 (1869-70) 1870].
= *Sphaeria herpotrichoides* Fuckel, Fungi Rhen. Exs., Fasc. 10: no. 952, 1864.
≡ ***Herpotrichia herpotrichoides*** (Fuckel) P.F. Cannon, Trans. Brit. Mycol. Soc. **79**(2): 338, 1982.
Notes: This is a new genus validly published together with its type species (descriptio generico-specifica, Art. 38.5) on the label of Fungi Rhen. Exs., Suppl., 2171 (fig. 67). The nomenclature of this species was clarified by Cannon (1982).



2171.

Herpotrichia Rubi †.

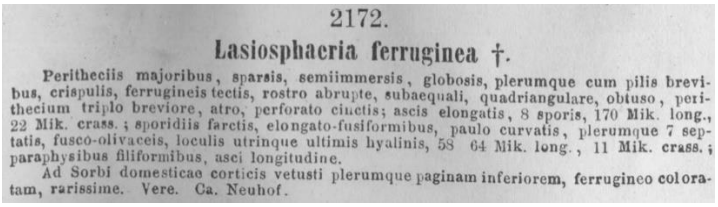
Peritheciis gregariis, primo sub epidermidem nidulantibus, demum liberis, majusculis, cylindraceis, obtusis, subtilissime papillatis, antice glabris, atris, inferiore parte cum pilis longis ramosis, septatis, repentibus, fuscis cinctis; ascis cylindraceis, stipatis, 130 Mik. long., (pars sporifer.) 10 Mik. crass.; sporidiis monostichis, ovatis, utrinque attenuatis, uniseptatis, medio constrictis, loculis uniguttulatis, 22 Mik. long., 8 Mik. crass., hyalinis.

Ad Rubi Idaei sarmentos putridos, rarissime. Vere. Wiesenwald ca. Hostrichiam.

NB. Das Nähere siehe in meinen Beiträgen. Zu dieser Gattung gehört auch Nro. 952 und 1796.

Fig. 67

Lasiosphaeria ferruginea Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2172, 1868 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 147 (1869-70) 1870].
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2172 (fig. 68).



2172.

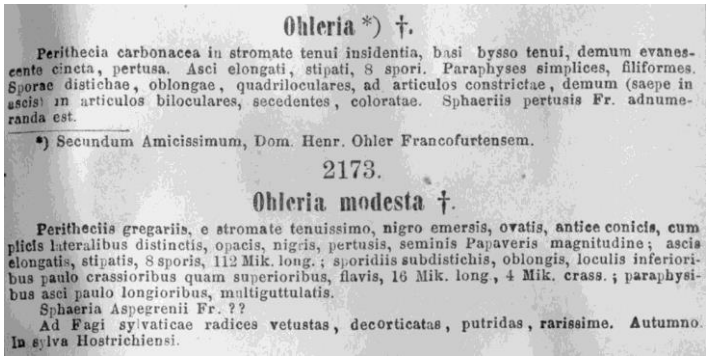
Lasiosphaeria ferruginea †.

Peritheciis majoribus, sparsis, semiimmersis, globosis, plerumque cum pilis brevibus, crispulis, ferrugineis tectis, rostro abrupte, subaequali, quadrangulare, obtuso, perithecium triplo breviore, atro, perforato cinctis; ascis elongatis, 8 sporis, 170 Mik. long., 22 Mik. crass.; sporidiis farctis, elongato-fusiformibus, paulo curvatis, plerumque 7 septatis, fusco-olivaceis, loculis utrinque ultimis hyalinis, 58—64 Mik. long., 11 Mik. crass.; paraphysibus filiformibus, asci longitudine.

Ad Sorbi domesticae corticis vetusti plerumque paginam inferiorem, ferrugineo coloratam, rarissime. Vere. Ca. Neuhof.

Fig. 68

Ohleria Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2173, 1868 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 163 (1869-70) 1870].
and
Ohleria modesta Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2173, 1868 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 164 (1869-70) 1870].
Notes: This is a new genus validly published together with its type species (descriptio generico-specifica, Art. 38.5) on the label of Fungi Rhen. Exs., Suppl., 2173 (fig. 69). This genus and its type species have recently been phylogenetically examined and placed in a family of its own, *Ohleriaceae* (Jaklitsch & Voglmayr 2016: 50).



Ohleria *) †.

Perithecia carbonacea in stromate tenui insidentia, basi bysso tenui, demum evanescente cincta, pertusa. Asci elongati, stipati, 8 spori. Paraphyses simplices, filiformes. Sporae distichae, oblongae, quadriloculares, ad articulos constrictae, demum (saepe in ascis) in articulos biloculares, secedentes, coloratae. Sphaeriis pertusis Fr. adnumeranda est.

*) Secundum Amicissimum, Dom. Henr. Ohler Francofurtensem.

2173.

Ohleria modesta †.

Peritheciis gregariis, e stromate tenuissimo, nigro emersis, ovatis, antice conicis, cum plicis lateralibus distinctis, opacis, nigris, pertusis, seminis Papaveris magnitudine; ascis elongatis, stipatis, 8 sporis, 112 Mik. long.; sporidiis subdistichis, oblongis, loculis inferioribus paulo crassioribus quam superioribus, flavis, 16 Mik. long, 4 Mik. crass.; paraphysibus asci paulo longioribus, multiguttulatis.

Sphaeria Aspegrenii Fr. ??

Ad Fagi sylvaticae radices vetustas, decorticatas, putridas, rarissime. Autumno. In sylva Hostrichiensi.

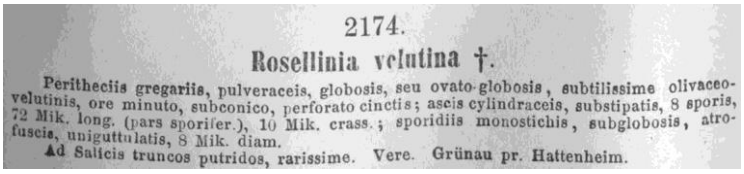
Fig. 69

Rosellinia velutina Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2174, 1868 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 149 (1869-70) 1870].

≡ ***Coniochaeta velutina*** (Fuckel) Cooke, Grevillea **16**(77): 16, 1887.

≡ *Helminthosphaeria velutina* (Fuckel) Kirschst., Trans. Brit. Mycol. Soc. **18**(4): 305, 1934.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2174 (fig. 70). Phylogeny and taxonomy of this species were recently examined by Chang & Wang (2011).



2174.

Rosellinia velutina †.

Peritheciis gregariis, pulveraceis, globosis, seu ovato-globosis, subtilissime olivaceo-velutinis, ore minuto, subconico, perforato cinctis; ascis cylindraceis, substipatis, 8 sporis, 72 Mik. long. (pars sporifer.), 10 Mik. crass.; sporidiis monostichis, subglobosis, atro-fuscis, uniguttulatis, 8 Mik. diam.

Ad Salicis truncos putridos, rarissime. Vere. Grünau pr. Hattenheim.

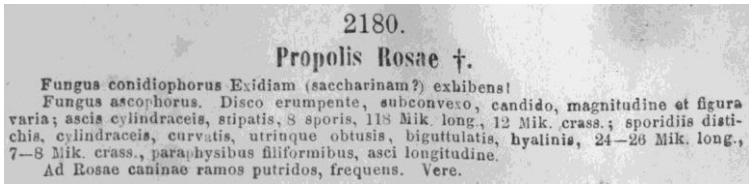
Fig. 70

Propolis rosae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2180, 1868 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 254 (1869-70) 1870].

≡ ***Propolis farinosa*** (Pers.) Fr., Summa veg. Scand. **2**: 372, 1849.

[Full synonymy, see: http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=433503; https://www.mycobank.org/MB/433503.]

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2180 (fig. 71).



2180.

Propolis Rosae †.

Fungus conidiophorus Exidiam (saccharinam?) exhibens!

Fungus ascophorus. Disco erumpente, subconvexo, candido, magnitudine et figura varia; ascis cylindraceis, stipatis, 8 sporis, 118 Mik. long., 12 Mik. crass.; sporidiis distichis, cylindraceis, curvatis, utrinque obtusis, biguttulatis, hyalinis, 24—26 Mik. long., 7—8 Mik. crass., paraphysibus filiformibus, asci longitudine.

Ad Rosae caninae ramos putridos, frequens. Vere.

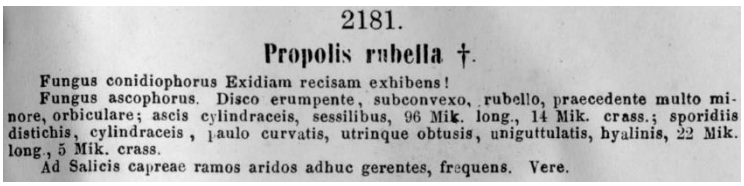
Fig. 71

Propolis rubella Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2181, 1868 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 254 (1869-70) 1870].

≡ ***Propolis farinosa*** (Pers.) Fr., Summa veg. Scand. **2**: 372, 1849.

[Full synonymy, see: http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=433503; https://www.mycobank.org/MB/433503.]

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2181 (fig. 72).



2181.

Propolis rubella †.

Fungus conidiophorus Exidiam recisam exhibens!

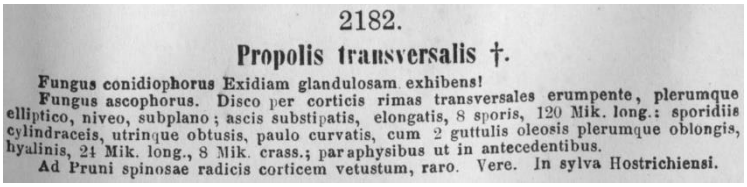
Fungus ascophorus. Disco erumpente, subconvexo, rubello, praecedente multo minore, orbiculare; ascis cylindraceis, sessilibus, 96 Mik. long., 14 Mik. crass.; sporidiis distichis, cylindraceis, paulo curvatis, utrinque obtusis, uniguttulatis, hyalinis, 22 Mik. long., 5 Mik. crass.

Ad Salicis capreae ramos aridos adhuc gerentes, frequens. Vere.

Fig. 72

Propolis transversalis Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2182, 1868 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 254 (1869-70) 1870].

≡ ***Propolis farinosa*** (Pers.) Fr., Summa veg. Scand. **2**: 372, 1849.
[Full synonymy, see: http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=433503; https://www.mycobank.org/MB/433503.]
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2182 (fig. 73).



2182.

Propolis transversalis †.

Fungus conidiophorus Exidiam glandulosam exhibens!
Fungus ascophorus. Disco per corticis rimas transversales erumpente, plerumque elliptico, niveo, subplano; ascis substipatis, elongatis, 8 sporis, 120 Mik. long.: sporidiis cylindraceis, utrinque obtusis, paulo curvatis, cum 2 guttulis oleosis plerumque oblongis, hyalinis, 24 Mik. long., 8 Mik. crass.; paraphysibus ut in antecedentibus.
Ad Pruni spinosae radicis corticem vetustum, raro. Vere. In sylva Hostrichiensi.

Fig. 73

Duplicaria Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2183, 1868 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 265 (1869-70) 1870].
and
Duplicaria empetri (Fr.) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2183, 1868 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 265 (1869-70) 1870].
≡ *Xyloma empetri* Wrangel ex Fr., Observ. mycol. **2**: 363, 1818, nom. illegit. (Art. 53.1), non (DC.) Pers., 1815.
≡ *Rhytisma empetri* Fr. (as "(Fr.) Fr."), Kongl. Svenska Vetensk. Acad. Handl., ser. 2, 40: 105, 1819, nom. nov. [nom. sanct., Fr., Elench. fung. **2**: 127, 1828].
= *Rhytisma empetri* F.B. White, in Berkeley & Broome, Ann. Mag. Nat. Hist., Ser. 4, **17**: 145, 1876, nom. illeg. (Art. 53.1).
≡ *Hysterodiscula empetri* Petr., Bot. Arch. **43**: 211, 1942, nom. nov.
≡ *Apomelasmia empetri* (Petr.) Melnik, Nov. Sist. Niz. Rast. **28**: 71, 1992.
= *Sporomega empetri* Rostr., Meddel. Grønland, Biosc. **3**: 543, 1888.
≡ *Clithris empetri* (Rostr.) Ellis & Everh., N. Amer. Pyren.: 724, 1892.
Notes: This is a new genus and a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 2183 (fig. 74). Taxonomy, see Powell (1973). The combination *Duplicaria empetri* was based on the illegitimate name *Xyloma empetri* Wrangel ex Fr., 1818, a younger homonym of *Xyloma empetri* (DC.) Pers., 1815, published in "Stirp. Crypt. Vog.-Rhen.". *Hypoderma sphaeroides* var. *empetri* DC. was the basionym of this combination (see https://mycoportal.org/f/mycology/C0283/C0283511F.jpg):
Hypoderma sphaeroides var. *empetri* DC., Fl. franç., Ed. 3, **5/6**: 165, 1815.
≡ *Xyloma empetri* (DC.) Pers., in Moug. & Nestler, Stirp. Crypt. Vog.-Rhen., Fasc. V: no. 481, 1815.
≡ *Sphaeria empetri* (DC.) Fr., Syst. mycol. **2**(2): 522, 1823, nom. sanct.
≡ *Didymosphaeria empetri* (DC.) Sacc., Syll. fung. **1**: 704, 1882.
≡ *Metasphaeria empetri* (DC.) Sacc., Syll. fung. **2**: 171, 1883.
≡ *Leptosphaeria empetri* (DC.) G. Winter, Rabenh. Krypt.-Fl., Ed. 2, **1**.2: 487, 1885.
≡ *Sphaeropezia empetri* (DC.) Rehm, Rabenh. Krypt.-Fl., Edn 2, **1**.3(Lief. 29): 73, 1888.
≡ *Didymosphaerella empetri* (DC.) Cooke, Grevillea **18**(86): 29, 1889.
≡ *Microthelia empetri* (DC.) Kuntze, Revis. gen. pl. **3**(3): 498, 1898.
The illegitimate name *Xyloma empetri* Wrangel ex Fr. was later validated by Fries (l.c.) as *Rhytisma empetri*, a name that was sanctioned by Fries in 1828.
Lophodermium empetri was sometimes considered a synonym of *Xyloma empetri*, which is, however, incorrect. This combination was based on *Excipula empetri*:
Excipula empetri Kunze ex Fr., Syst. mycol. **2**(1): 190, 1822.
≡ *Lophodermium empetri* (Kunze ex Fr.) Sacc., Malpighia **11**: 281, 1897.

Duplicaria †.

Perithecium scutiforme, carbonaceum, astomum, demum irregulariter laceratum; asci ampli, 8spori; paraphyses longissimi, filiformes; sporidia farcta, elongata, medio anguste contracta, quasi e clavulis binis pedicellatis ad stipites adnatis formantia, hyalina, multiguttulata.

2183.

Duplicaria Empetri *(Fr.)* †.

Peritheciis epiphyllis, sparsis, orbicularibus, scutiformibus, ½ lineam diam., dein rugulosis, atterrimis; ascis amplis, sessilibus, antice acuminatis, 8 sporis, 134 Mik. long., 20 Mik. crass.; sporidiis farctis, non septatis, 58 Mik. long., in clavulis 6 Mik. crass., hyalinis. Rhytisma Empetri Fr. El.

In Jura Morthier colleg. Ad Empetri nigri folia arida, adhuc pendula. Autumno.

Fig. 74

Peziza euphrasiae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2186, 1868.
≡ *Niptera euphrasiae* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. **23-24**: 293 (1869-70) 1870.
≡ ***Pyrenopeziza euphrasiae*** (Fuckel) J. Kunze, Fungi Selecti Exsiccati: no. 177, 1877.
≡ *Mollisia euphrasiae* (Fuckel) Sacc., Syll. fung. **8**: 325, 1889.
≡ *Beloniella euphrasiae* (Fuckel) Rehm, Rabenh. Krypt.-Fl., Ed. 2, **1**.3(Lief. 37): 640, 1892.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2186 (fig. 75). Taxonomy, see Hütter (1958).

2186.

Peziza Euphrasiae †.

Cupulis gregariis, sessilibus, lineam latis, irregularibus, extus rugulosis, fusco-nigris, margine distincto, denticulato, demum complicato, disco griseo; ascis anguste-elongatis, 8 sporis, 64 Mik. long; paraphysibus asci longitudine, simplicibus; sporidiis farctis, anguste-clavatis, saepe curvatis, simplicibus, multiguttulatis, hyalinis, 18 Mik. long., in clavulis 2—3 Mik. crass.

Ad Euphrasiae luteae caules aridos, raro. Vere. In pinetis ca. Budenheim.

Fig. 75

Peziza eryngii Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2187, 1868.
≡ ***Pyrenopeziza eryngii*** (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. **23-24**: 294 (1869-70) 1870].
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2187 (fig. 76). Taxonomy, see Hütter (1958).

2187.

Peziza Eryngii †.

Cupulis sparsis, sessilibus, lineam diam., nigris, margine concolore, denticulato, demum clauso, disco vix pallidiore; ascis oblongis, 8 sporis, sessilibus, 74 Mik. long., 12 Mik. crass.; paraphysibus asci longitudine, clavatis; sporidiis distichis, oblongis, paulo curvatis, utrinque obtusis, biguttulatis, 16 Mik. long., 5 Mik. crass., hyalinis.

Ad Eryngii campestris folia putrida, raro. Vere. In pinetis ca. Budenheim.

Fig. 76

Peziza asteroma Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2188, 1868.
≡ *Arachnopeziza asteroma* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. **23-24**: 304 (1869-70) 1870].
≡ *Belonidium asteroma* (Fuckel) Sacc., Atti Soc. Veneto-Trent. Sci. Nat. **2**(1): 164, 1873.
≡ *Trichobelonium asteroma* (Fuckel) Rehm, Rabenh. Krypt.-Fl., Ed. 2, **1**.3(Lief. 36): 592, 1891.
≡ *Belonopsis asteroma* (Fuckel) Aebi, Nova Hedwigia **23**(1): 102, 1972.
≡ ***Mollisia asteroma*** (Fuckel) Baral, in Richter & Baral, Boletus **31**(1): 59, 2008.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2188 (fig. 77).

2188.

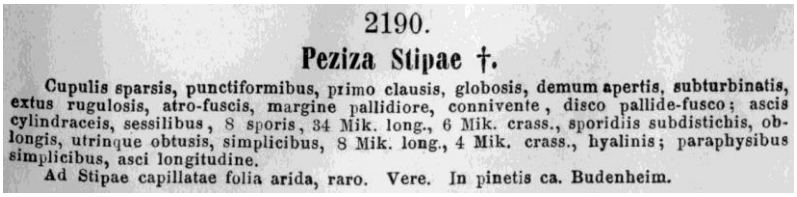
Peziza Asteroma †.

Cupulis gregariis, sessilibus, basi fibrillis delicatis, repentibus, fuscis cinctis, ½ lineam diametr., extus furfuraceis, olivaceis, margine pallidiore, disco olivaceo, demum clauso; ascis oblongis, stipatis, 8 sporis, 70 Mik. long., 11 Mik. crass.; sporidiis farctis, vermicularibus subcylindraceis, utrinque obtusis, triseptatis, hyalinis, 36 Mik. long., ca. 2—3 Mik. crass.; paraphysibus asci longitudine, simplicibus.

Ad Caricis paludosae folia putrida, rarissime. Vere Bechtelsteichwiesen pr. Hostrichiam.

Fig. 77

Peziza stipae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2190, 1868.
≡ *Trichopeziza stipae* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. **23-24**: 297 (1869-70) 1870.
≡ *Phialea stipae* (Fuckel) Rehm, Rabenh. Krypt.-Fl., Edn 2, **1**.3(Lief. 39): 734, 1893.
≡ *Pyrenopeziza stipae* (Fuckel) Boud., Hist. Class. Discom. Eur.: 134, 1907.
≡ *Helotium stipae* (Fuckel) E.K. Cash, J. Wash. Acad. Sci. **44**(2): 45, 1954.
≡ *Cyathicula stipae* (Fuckel) E. Müll., Beitr. Krypt.-Fl. Schweiz **15**(1): 36, 1977.
= ***Crocicreas gramineum*** (Fr.) Fr., Summa veg. Scand. **2**: 418, 1849.
[Full synonymy, see: http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=246584.]
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2190 (fig. 78).



2190.

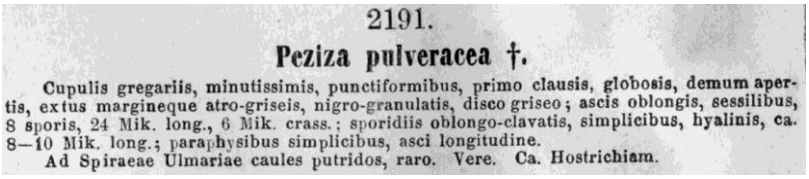
Peziza Stipae †.

Cupulis sparsis, punctiformibus, primo clausis, globosis, demum apertis, subturbinatis, extus rugulosis, atro-fuscis, margine pallidiore, connivente, disco pallide-fusco; ascis cylindraceis, sessilibus, 8 sporis, 34 Mik. long., 6 Mik. crass., sporidiis subdistichis, oblongis, utrinque obtusis, simplicibus, 8 Mik. long., 4 Mik. crass., hyalinis; paraphysibus simplicibus, asci longitudine.

Ad Stipae capillatae folia arida, raro. Vere. In pinetis ca. Budenheim.

Fig. 78

Peziza pulveracea Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2191, 1868, nom. illegit. (Art. 53.1), non Alb. & Schwein., 1805.
≡ *Trichopeziza pulveracea* Fuckel, Jahrb. Nassauischen Vereins Naturk. **23-24**: 297 (1869-70) 1870, nom. illegit. [superfl.] (Art. 52.1).
≡ *Mollisia pulveracea* Rehm (as "(Fuckel) Rehm"), Rabenh. Krypt.-Fl., Ed. 2, **1**.3(Lief. 36): 532, 1891.
≡ *Urceolella pulveracea* (Rehm) Boud. (as "(Fuckel) Boud."), Hist. Class. Discom. Eur.: 130, 1907.
≡ ***Pyrenopeziza pulveracea*** (Rehm) Gremmen (as "(Fuckel) Gremmen"), Fungus **28**: 42, 1958.
Notes: This is an illegitimate name published on the label of Fungi Rhen. Exs., Suppl., 2191 (fig. 79). Fuckel (1870: 297) introduced the name *Trichopeziza pulveracea*, based on "Fungi Rhen. Exs., Suppl. 2191", but this name was superfluous when introduced (Art. 52.1), because Fuckel cited *Peziza pteridis* Alb. & Schwein, 1805, as synonym, a name that ought to have been adopted.



2191.

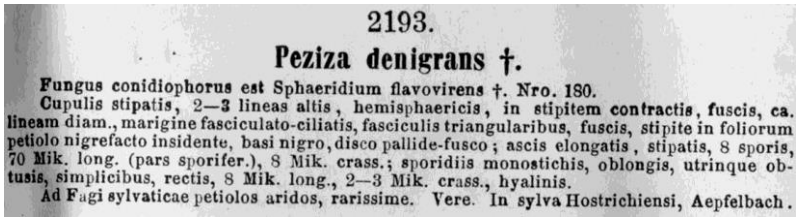
Peziza pulveracea †.

Cupulis gregariis, minutissimis, punctiformibus, primo clausis, globosis, demum apertis, extus margineque atro-griseis, nigro-granulatis, disco griseo; ascis oblongis, sessilibus, 8 sporis, 24 Mik. long., 6 Mik. crass.; sporidiis oblongo-clavatis, simplicibus, hyalinis, ca. 8—10 Mik. long.; paraphysibus simplicibus, asci longitudine.

Ad Spiraeae Ulmariae caules putridos, raro. Vere. Ca. Hostrichiam.

Fig. 79

Peziza denigrans Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2193, 1868 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 309 (1869-70) 1870].
≡ *Cyathicula denigrans* (Fuckel) Sacc., Syll. fung. **8**: 306, 1889.
= ***Rutstroemia petiolorum*** (Roberge) W.L. White, Lloydia **4**(3): 197, 1941.
[Full synonymy, see: https://www.mycodb.fr/fiche.php?genre=Rutstroemia&espece=petiolorum.]
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2193 (fig. 80).



2193.

Peziza denigrans †.

Fungus conidiophorus est Sphaeridium flavovirens †. Nro. 180.

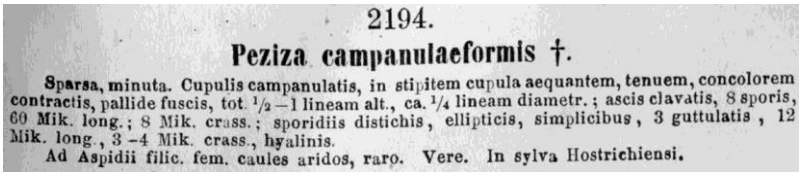
Cupulis stipatis, 2—3 lineas altis, hemisphaericis, in stipitem contractis, fuscis, ca. lineam diam., marigine fasciculato-ciliatis, fasciculis triangularibus, fuscis, stipite in foliorum petiolo nigrefacto insidente, basi nigro, disco pallide-fusco; ascis elongatis, stipatis, 8 sporis, 70 Mik. long. (pars sporifer.), 8 Mik. crass.; sporidiis monostichis, oblongis, utrinque obtusis, simplicibus, rectis, 8 Mik. long., 2—3 Mik. crass., hyalinis.

Ad Fagi sylvaticae petiolos aridos, rarissime. Vere. In sylva Hostrichiensi, Aepfelbach.

Fig. 80

Peziza campanuliformis Fuckel (as "*campanulaeformis*"), Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2194, 1868.
≡ *Helotium campanuliforme* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. **23-24**: 315 (1869-70) 1870].
≡ ***Allophylaria campanuliformis*** (Fuckel) Svrček, Česká Mykol. **43**(4): 224, 1989.

[Full synonymy, see: http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=125937; https://www.mycobank.org/MB/125937.]
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2194 (fig. 81).


2194.

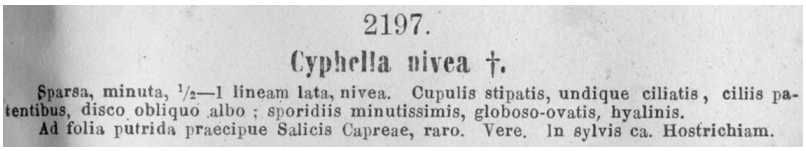
Peziza campanulaeformis †.

Sparsa, minuta. Cupulis campanulatis, in stipitem cupula aequantem, tenuem, concolorem contractis, pallide fuscis, tot. 1/2—1 lineam alt., ca. 1/4 lineam diametr.; ascis clavatis, 8 sporis, 60 Mik. long.; 8 Mik. crass.; sporidiis distichis, ellipticis, simplicibus, 3 guttulatis, 12 Mik. long., 3—4 Mik. crass., hyalinis.

Ad Aspidii filic. fem. caules aridos, raro. Vere. In sylva Hostrichiensi.

Fig. 81

Cyphella nivea Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **7**: no. 2197, 1868 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 26 (1869-70) 1870], nom. illegit. (Art. 53.1), non P. Crouan & H. Crouan, 1867.
≡ *Calyptella nivea* Quél. (as "(Fuckel) Quel."), Enchir. fung.: 216, 1886, nom. nov.
=
Notes: This is an illegitimate name published on the label of Fungi Rhen. Exs., Suppl., 2197 (fig. 82). Cooke (1961: 77) cited *Cyphella nivea* Fuckel as synonym of *Lachnella punctiformis* (≡ *Flagelloscypha punctiformis* (Fr.) Agerer, Sydowia **27**(1-6): 246, (1973-1974) 1975). Also cited as synonym of *Flagelloscypha niveola* (Sacc.) Knudsen, Funga Nordica: 913, 2008 (see MycoBank).


2197.

Cyphella nivea †.

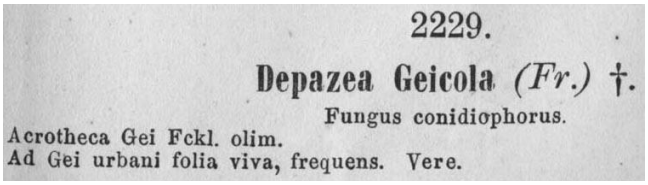
Sparsa, minuta, 1/2—1 lineam lata, nivea. Cupulis stipatis, undique ciliatis, ciliis patentibus, disco obliquo albo; sporidiis minutissimis, globoso-ovatis, hyalinis.

Ad folia putrida praecipue Salicis Capreae, raro. Vere. In sylvis ca. Hostrichiam.

Fig. 82

Fasc. 8

Depazea geicola (Fr.) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **8**: no. 2229, 1869 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 380 (1869-70) 1870].
≡ *Sphaeria vagans* f. *geicola* Fr., Syst. mycol. **2**(2): 532, 1823.
Notes: This is a new combination (comb. et stat. nov.) validly published on the label of Fungi Rhen. Exs., Suppl., 2229 (fig. 83). Fuckel (l.c.) cited *Acrotheca gei* Fuckel as synanamorph ("Fungus conidiophorus") of *D. geicola*, which is, however, a legitimate name, introduced for another morph ("Fungus pycnidium") (Art. F.8.1). The connection of the two morphs is, however, doubtful and unproven. Braun (1991: 294–295) discussed the name *Acrotheca gei* in detail and, based on the re-examination of type material by Hughes (1958), he reduced this name to synonymy with *Ramularia gei* (A.G. Eliasson) Lindr.


2229.

Depazea Geicola *(Fr.)* †.

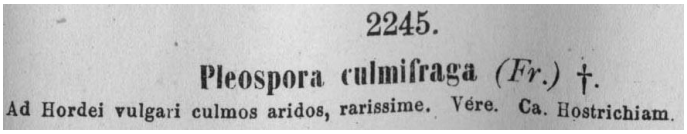
Fungus conidiophorus.

Acrotheca Gei Fckl. olim.
Ad Gei urbani folia viva, frequens. Vere.

Fig. 83

Pleospora culmifraga (Fr.) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **8**: no. 2245, 1869 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 137 (1869-70) 1870].
≡ *Sphaeria culmifraga* Fr., Syst. mycol. **2**(2): 510, 1823.
≡ *Leptosphaeria culmifraga* (Fr.) Ces. & De Not., Comm. Soc. Crittog. Ital. **1**(fasc. 4): 235, 1863.
≡ *Ampullina culmifraga* (Fr.) Quél., Mém. Soc. Émul. Montbéliard, Sér. 2, **5**: 524, 1875.
≡ *Heptameria culmifraga* (Fr.) Cooke, Grevillea **18**(86): 32, 1889.
≡ *Nodulosphaeria culmifraga* (Fr.) Petr., Ann. Mycol. **19**(5-6): 278, 1921.
[Full synonymy, see: http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=176284; https://www.mycobank.org/MB/176284.]
Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 2245 (fig. 84). The taxonomic status of this species is unclear and depends on its typification. Holm (1957) reduced

Sphaeria culmifraga to synonymy with *Phaeosphaeria herpotrichoides* (De Not.) L. Holm, but without considering the fact that the sanctioned name *Sphaeria culmifraga* being older and would have priority. However, the true affinity of the latter name needs to clarified by typification (see Shoemaker & Babcock (1989: 1544).


2245.

Pleospora culmifraga *(Fr.)* †.

Ad Hordei vulgari culmos aridos, rarissime. Vére. Ca. Hostrichiam.

Fig. 84

Melanomma ovoidea (Fr.) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **8**: no. 2249, 1869 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 159 (1869-70) 1870].

≡ *Sphaeria ovoidea* Fr., Kongl. Svenska Vetensk. Acad. Handl. 38: 267, 1817, nom. sanct. [Fr., Syst. mycol. **2**(2): 459, 1823].

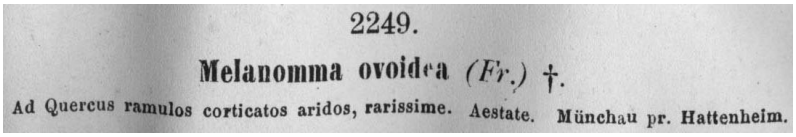
≡ *Zignoella ovoidea* (Fr.) Sacc., Michelia **1**(3): 346, 1878.

≡ *Psilosphaeria ovoidea* (Fr.) Cooke, Grevillea **16**(78): 51, 1887.

≡ ***Chaetosphaeria ovoidea*** (Fr.) Constant., K. Holm & L. Holm, Mycol. Res. **99**(6): 586, 1995.

[Full synonymy, see: https://www.mycodb.fr/fiche.php?genre=Chaetosphaeria&espece=ovoidea; https://www.mycobank.org/MB/412763.].

Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 2249 (fig. 85).


2249.

Melanomma ovoidea *(Fr.)* †.

Ad Quercus ramulos corticatos aridos, rarissime. Aestate. Münchau pr. Hattenheim.

Fig. 85

Lophiostoma pileatum (Tode) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **8**: no. 2250, 1869 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 158 (1869-70) 1870].

≡ *Sphaeria macrostoma* var. (e) *pileata* Tode, Fung. Mecklenb. Sel. **2**: 13, 1791.

≡ *Sphaeria pileata* (Tode) Pers., Neues Mag. Bot. **1**: 84, 1794, nom. sanct. [Fr., Syst. mycol. **2**: 468, 1823].

≡ ***Navicella pileata*** (Tode) Fabre, Ann. Sci. Nat., Bot., Sér. 6, **9**: 97, 1879.

= *Sphaeria excipuliformis* Fr., Observ. mycol. **1**: 177, 1815.

≡ *Lophiostoma excipuliforme* (Fr.) Ces. & De Not., Comm. Soc. Crittog. Ital. **1**(4): 219, 1863.

≡ *Lophium excipuliformis* (Fr.) Fr., Kongl. Svenska Vetensk. Acad. Handl., Ser. 3, **39**: 112, 1818.

≡ *Navicella excipuliformis* (Fr.) Kuntze, Revis. gen. pl. **3**(3): 500, 1898.

≡ *Platysphaera excipuliformis* (Fr.) Trevis., Bull. Soc. Roy. Bot. Belg. **16**: 18, 1877.

= *Sphaeria balsamiana* De Not. (as "*balsamianum*"), Mém. R. Accad. Sci. Torino, Ser. 2, **13**: 112, 1853.

≡ *Platysphaera balsamiana* (De Not.) Trevis., Bull. Soc. Roy. Bot. Belg. **16**: 17 (1877)

≡ *Navicella balsamiana* (De Not.) Fabre, Ann. Sci. Nat., Bot., Sér. 6, **9**: 97, 1879.

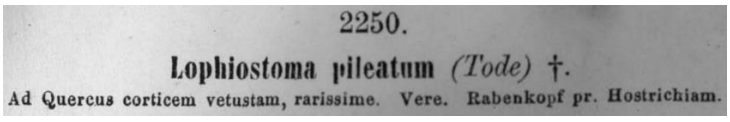
≡ *Lophiostoma balsamianum* (De Not.) Sacc., Syll. fung. **2**: 701, 1883.

= *Navicella julii* Fabre, Ann. Sci. Nat., Bot., Sér. 6, **9**: 97 (1879)

≡ *Lophiostoma julii* (Fabre) Sacc., Syll. fung. **2**: 702, 1883.

= *Lophiostoma excipuliforme* var. *abietis* Ellis & Everh., J. Mycol. **4**(7): 64, 1888.

Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 2250 (fig. 86). Taxonomy according to Barr (1990: 74). Ariyawansa et al. (2014a: 10) recognized and re-described the genus *Navicella*.


2250.

Lophiostoma pileatum *(Tode)* †.

Ad Quercus corticem vetustam, rarissime. Vere. Rabenkopf pr. Hostrichiam.

Fig. 86

Enchnoa glis (Berk. & Curr.) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **8**: no. 2252, 1869 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 150 (1869-70) 1870].
≡ *Sphaeria glis* Berk. & Curr., Ann. Mag. Nat. Hist., Ser. 3, **3**: 372, 1859.
= *Sphaeria infernalis* Kunze, in Fries, Syst. mycol. **2**(2): 371, 1823.
≡ ***Enchnoa infernalis*** (Kunze) Fuckel, Jahrb. Nassauischen Vereins Naturk. **25-26**: 302, 1871.
Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 2252 (fig. 87).

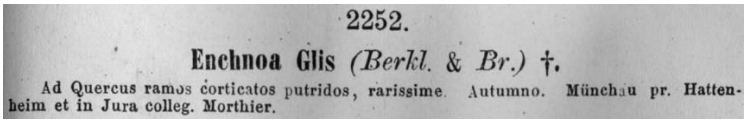

2252.
Enchnoa Glis *(Berkl. & Br.)* †.
Ad Quercus ramos corticatos putridos, rarissime. Autumno. Münchau pr. Hattenheim et in Jura colleg. Morthier.

Fig. 87

Exoascus deformans (Berk.) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **8**: no. 2275, 1869 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 252 (1869-70) 1870].
≡ *Ascomyces deformans* Berk., Intr. Crypt. Bot.: 284, 1857.
≡ ***Taphrina deformans*** (Berk.) Tul., Ann. Sci. Nat., Bot., Sér. 5, **5**: 122, 1866.
[Full synonymy, see: http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=234886; https://www.mycobank.org/MB/234886.]
Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 2275 (fig. 88).

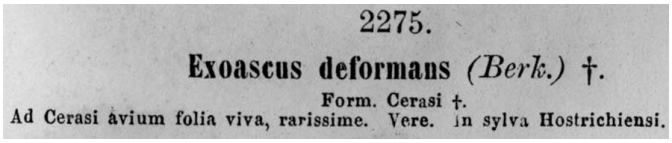

2275.
Exoascus deformans *(Berk.)* †.
Form. Cerasi †.
Ad Cerasi avium folia viva, rarissime. Vere. In sylva Hostrichiensi.

Fig. 88

Niptera melaleuca (Fr.) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **8**: no. 2284, 1869 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 292 (1869-70) 1870].
≡ *Peziza melaleuca* Fr., Syst. mycol. **2**(1): 150, 1822.
≡ ***Mollisia melaleuca*** (Fr.) Brunaud, J. Hist. Nat. Bordeaux Sud-Ouest 1886, 2: 22, 1886.
≡ *Mollisia melaleuca* (Fr.) Sacc., Syll. fung. **8**: 337, 1889, isonym.
= *Mollisia ilicis* Feltgen, Vorstud Pilzfl. Luxemb., Nachtr. III: 23, 1903.
≡ *Mollisia melaleuca* var. *ilicis* (Feltgen) Rehm, Ber. Bayer. Bot. Ges. **14**: 88, 1914.
[Full synonymy, see: https://www.mycodb.fr/fiche.php?genre=Mollisia&espece=melaleuca.]
Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 2284 (fig. 89).

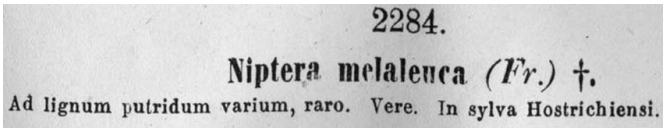

2284.
Niptera melaleuca *(Fr.)* †.
Ad lignum putridum varium, raro. Vere. In sylva Hostrichiensi.

Fig. 89

Trichopeziza villosa (Pers.) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **8**: no. 2286, 1869 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 296 (1869-70) 1870].
≡ *Peziza villosa* Pers., Syn. meth. fung. **2**: 655, 1801.
≡ ***Lachnella villosa*** (Pers.) Donk, in Singer, Lilloa **22**: 345 (1949) 1951.
[Full synonymy, see: https://www.mycodb.fr/fiche.php?genre=Lachnella&espece=villosa.]
Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 2286 (fig. 90).

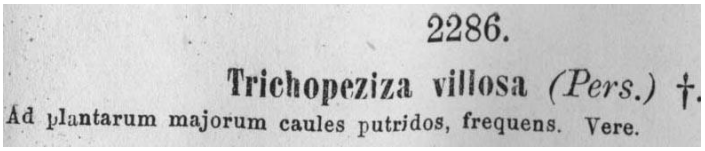

2286.
Trichopeziza villosa *(Pers.)* †.
Ad plantarum majorum caules putridos, frequens. Vere.

Fig. 90

Trichopeziza aspidii (Lib.) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **8**: no. 2287, 1869 [Jahrb. Nassauischen Vereins Naturk. **23-24**: 297 (1869-70) 1870].
≡ *Peziza aspidii* Lib., Pl. Crypt. Arduenna, Fasc. 3: no. 226, 1834.
≡ ***Incrupila aspidii*** (Lib.) Raitv., Scripta Mycol. **1**: 31, 1970.
= *Dasyscyphus asperrimus* Rehm, in Ade, Hedwigia **64**(1-6): 31, 1923.
= *Hyaloscypha lonchitidis* Velen., Monogr. Discom. Bohem.: 286, pl. 15-45, 1934.
[Full synonymy, see: https://www.mycodb.fr/fiche.php?genre=Incrupila&espece=aspidii.]
Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 2287 (fig. 91).

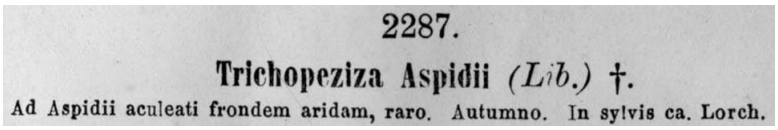

2287.
Trichopeziza Aspidii (Lib.) †.
Ad Aspidii aculeati frondem aridam, raro. Autumno. In sylvis ca. Lorch.

Fig. 91

Fasc. 9

Notes: Descriptions of new taxa published in Fasc. 9 were published in Fuckel (1871), which was remarked by Fuckel on the label of no. 2303 (*Gloeosporium fagi*). Furthermore, Fuckel indicated references of new combination already published in "Symb. mycol." References to publications in Fuckel (1871) are, however, lacking, suggesting that Fasc. 9 was published earlier than Fuckel (1871).

Trematosphaeria porphyrostoma (Kunze) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **9**: no. 2319, 1871 [Jahrb. Nassauischen Vereins Naturk. **25-26**: 306 (1871-72) 1871].
≡ *Sphaeria porphyrostoma* Kunze, Mykol. Hefte **1**: 91, 1817.
≡ *Melanomma porphyrostoma* (Kunze) Sacc., Michelia **1**(3): 345, 1878.
Notes: This is a new combination at first validly published on the label of Fungi Rhen. Exs., Suppl., 2319 (fig. 92).

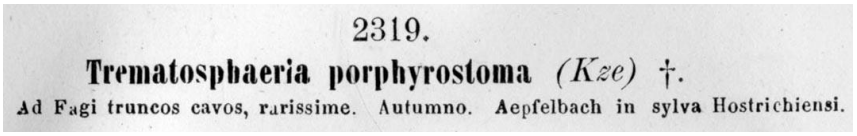

2319.
Trematosphaeria porphyrostoma (Kze) †.
Ad Fagi truncos cavos, rarissime. Autumno. Aepfelbach in sylva Hostrichiensi.

Fig. 92

Calospora berkeleyi (Tul. & C. Tul.) Fuckel (as "*berkelaei*"), Fungi Rhen. Exs., Suppl. Fasc. **9**: no. 2320, 1871 [Jahrb. Nassauischen Vereins Naturk. **25-26**: 313 (1871-72) 1871].
≡ *Melanconis berkeleyi* Tul. & C. Tul., Select. fung. carpol. **2**: 130, 1863.
≡ *Pseudovalsa berkeleyi* (Tul. & C. Tul.) Sacc., Syll. fung. **2**: 137, 1883.
≡ *Prosthecium berkeleyi* (Tul. & C. Tul.) Wehm., Revision of *Melanconis, Pseudovalsa, Prosthecium* & *Titania*: 104, 1941.
Notes: This is a new combination at first validly published on the label of Fungi Rhen. Exs., Suppl., 2330 (fig. 93). Jaklitsch & Voglmayr (2016) reduced *Prosthecium* to synonyym with *Stilbospora*. However, phylogenetic data are not yet available for *Prosthecium berkeleyi*.

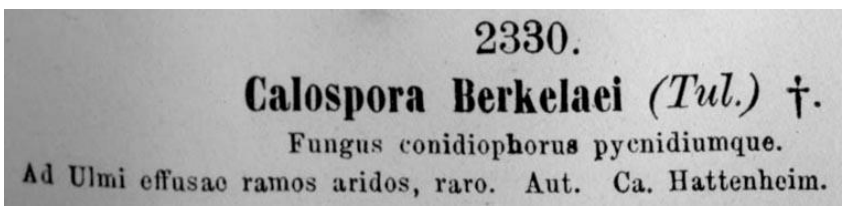

2330.
Calospora Berkelaei (Tul.) †.
Fungus conidiophorus pycnidiumque.
Ad Ulmi effusae ramos aridos, raro. Aut. Ca. Hattenheim.

Fig. 93

Diaporthe controversa (Desm.) Nitschke, in Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **9**: no. 2346, 1871 [Jahrb. Nassauischen Vereins Naturk. **25-26**: 319 (1871-72) 1871].
≡ *Sphaeria controversa* Desm., Ann. Sci. Nat., Bot., Sér. 2, **17**: 102, 1842.
= *Sphaeria velata* Pers., Syn. meth. fung. **1**: 32, 1801, nom. sanct. [Fr., Syst. mycol. **2**(2): 375, 1823].

= *Diaporthe velata* (Pers.) Nitschke, Pyrenomyc. Germ. **2**: 287, 1870.
= *Phoma velata* Sacc., Michelia **2**(6): 96, 1880.
≡ *Phomopsis velata* (Sacc.) Traverso, Fl. ital. crypt. **2**(1): 248, 1906.
= ***Diaporthe eres*** Nitschke, Pyrenomyc. Germ.: 245. 1870, nom. cons. prop. (Rossman et al. 2014).
[Full synonymy, see: Rossman et al. 2014.]
Notes: This is a new combination at first validly published on the label of Fungi Rhen. Exs., Suppl., 2346 (fig. 94). Saccardo (l.c.) introduced the name *Phoma velata* as follows: "Phoma (Diap.) velata Nke.", i.e., he referred to *Diaporthe velata*, which is a combination based on *Sphaeria velata*. However, Saccardo (l.c.) did not intend to introduce a new combination based on *Sphaeria velata*. He obviously intended to introduce a name for the asexual morph of *Diaporthe velata*. Therefore, the name *Phoma velata* has to be ascribed to Saccardo (Art. F.8.1). Rossman et al. (2014) proposed to conserve the name *Diaporthe eres*, and to reject numerous synonyms published before 1870, including *Sphaeria controversa* and *S. velata*.

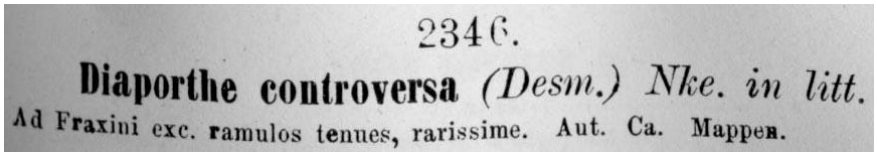

2346.
Diaporthe controversa *(Desm.) Nke. in litt.*
Ad Fraxini exc. ramulos tenues, rarissime. Aut. Ca. Mappen.

Fig. 94

Hypocrea stipata Fuckel (as "(Lib.) Fuckel"), Fungi Rhen. Exs., Suppl. Fasc. **9**: no. 2358, 1871 [Jahrb. Nassauischen Vereins Naturk. **25-26**: 311 (1871-72) 1871], nom. nov.
≡ *Sphaeria stipata* Lib., Pl. crypt. Arduenna, Fasc. 4: no. 343, 1837, nom. illegit., Art. 53.1, non Schwein. 1832.
≡ *Protocrea stipata* (Fuckel) Petch, J. Bot., Lond. **75**: 219, 1937.
≡ ***Arachnocrea stipata*** (Fuckel) Z. Moravec, Bull. Trimest. Soc. Mycol. Fr. **72**: 161, 1956.
Notes: This is a new name at first validly published on the label of Fungi Rhen. Exs., Suppl., 2346 (fig. 95).


2358.
Hypocrea stipata *(Lib.)* †.
Ad Fagi folia corticesque putridos, rarissime. Aut. Ca. Mappen.

Fig. 95

Habrostictis ocellata (Pers.) Fuckel (as "(Tul.) Fuckel"), Fungi Rhen. Exs., Suppl. Fasc. **9**: no. 2368, 1871 [Jahrb. Nassauischen Vereins Naturk. **25-26**: 326 (1871-72) 1871].
≡ *Peziza ocellata* Pers., Syn. meth. fung. **2**: 667, 1801.
≡ *Stictis ocellata* (Pers.) Fr., Syst. mycol. **2**(1): 193, 1822, nom. sanct. [Fr., Syst. mycol. **2**(1): 193, 1822].
≡ *Propolis ocellata* (Pers.) Sacc., Michelia **2**(7): 333, 1881.
≡ *Ocellaria ocellata* (Pers.) J. Schröt., in Cohn, Krypt.-Fl. Schlesien **3.2**(1-2): 150, 1893.
≡ ***Pezicula ocellata*** (Pers.) Seaver, North American Cup-fungi, (Inoperculates): 345, 1951.
= *Peziza lecanora* J.C. Schmidt & Kunze, Deutschl. Schwämme, Siebente Lieferung: 6, 1817.
≡ *Stictis lecanora* (J.C. Schmidt & Kunze) Fries (1822), Syst. mycol. **2**(1): 193, 1822, nom. sanct.
≡ *Propolis lecanora* (J.C. Schmidt & Kunze) De Not., Comm. Soc. Crittog. Ital. **1**(5): 364, 1863.
≡ *Habrostictis lecanora* (J.C. Schmidt & Kunze) Hazsl., Math. Term. Közlem. **21**: 179, 1886.
≡ *Stictis ocellata var. lecanora* (J.C. Schmidt & Kunze) Quél., Enchir. fung.: 332, 1886.
= *Phacidium populi* Lasch, in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 6: no. 519, 1857.
≡ *Propolis populi* (Lasch) De Not., Comm. Soc. Crittog. Ital. **1**(5): 364, 1863.
= *Dermatea cinnamomea* Cooke & Peck, Ann. Rep. New York State Mus. Nat. Hist. **28**: 67, (1875) 1876.
= *Dermatea inclusa* Peck, Ann. Rep. New York State Mus. Nat. Hist. **30**: 62 (1877) 1878.
= *Habrostictis quercicola* Hazsl., Math. Term. Közlem. **21**: 179 1886.
≡ *Ocellaria quercicola* (Hazsl.) Sacc., Syll. fung. **8**: 657, 1889.
= *Dermatea macrospora* Clem., Bull. Torrey Bot. Club **30**(2): 87, 1903.

= *Pezicula eximia* Rehm, Ann. Mycl. **11**(2): 154, 1913.
[Full synonymy, see: https://www.mycodb.fr/fiche.php?genre=Pezicula&espece=ocellata.]
Notes: This is a new combination at first validly published on the label of Fungi Rhen. Exs., Suppl., 2368 (fig. 96).

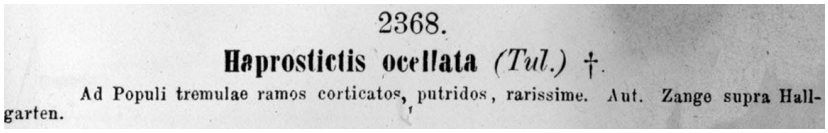

2368.
Haprostictis ocellata *(Tul.)* †.
Ad Populi tremulae ramos corticatos, putridos, rarissime. Aut. Zange supra Hallgarten.

Fig. 96

Lecanidion connivens (Fr.) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **9**: no. 2369, 1871 [Jahrb. Nassauischen Vereins Naturk. **25-26**: 330 (1871-72) 1871].
≡ *Peziza connivens* Fr., Syst. mycol. **2**(1): 151, 1822, nom. sanct.
≡ *Patellaria connivens* (Fr.) Fr. (as "*conuivens*"), Summa veg. Scand. **2**: 366, 1849.
≡ *Durella connivens* (Fr.) Rehm, Ascomyceten, Fasc. 3: no. 18, 1881.
[Full synonymy, see: http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=141918; https://www.mycobank.org/MB/141918.]
Notes: This is a new combination at first validly published on the label of Fungi Rhen. Exs., Suppl., 2369 (fig. 97).

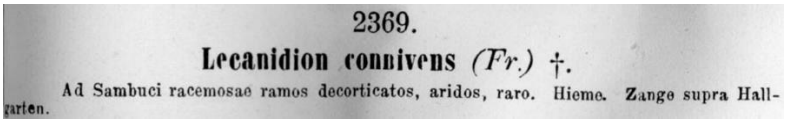

2369.
Lecanidion connivens *(Fr.)* †.
Ad Sambuci racemosae ramos decorticatos, aridos, raro. Hieme. Zange supra Hallgarten.

Fig. 97

Niptera dentata (Pers.) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **9**: no. 2379, 1871 [Jahrb. Nassauischen Vereins Naturk. **25-26**: 335 (1871-72) 1871].
≡ *Peziza dentata* Pers., Icon. Desc. Fung. Min. Cognit. **1**: 5, pl. 1, figs 6-7, 1798.
≡ ***Cistella dentata*** (Pers.) Quél., Enchir. fung.: 319, 1886.
≡ *Clavidisculum dentatum* (Pers.) Raitv., Scripta Mycol. Tartu **1**: 77, 1970.
[Full synonymy, see: http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=414659; https://www.mycobank.org/MB/414659.]
Notes: This is a new combination at first validly published on the label of Fungi Rhen. Exs., Suppl., 2379 (fig. 98).

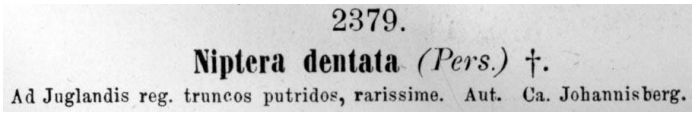

2379.
Niptera dentata *(Pers.)* †.
Ad Juglandis reg. truncos putridos, rarissime. Aut. Ca. Johannisberg.

Fig. 98

Niptera pallescens (Pers.) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **9**: no. 2380, 1871 [Jahrb. Nassauischen Vereins Naturk. **25-26**: 334 (1871-72) 1871].
≡ *Peziza pallescens* Pers., Observ. mycol. **2**: 85, 1800.
≡ ***Bisporella pallescens*** (Pers.) S.E. Carp. & Korf, Mycotaxon **1**(1): 58, 1974.
[Full synonymy, see: https://www.mycodb.fr/fiche.php?genre=Bisporella&espece=pallescens.]
Notes: This is a new combination at first validly published on the label of Fungi Rhen. Exs., Suppl., 2380 (fig. 99).

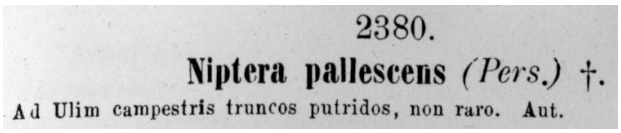

2380.
Niptera pallescens *(Pers.)* †.
Ad Ulim campestris truncos putridos, non raro. Aut.

Fig. 99

Dasyscyphus flavofuligineus (Alb. & Schwein.) Fuckel (as "*Dasyscypha flavo-fuliginea*"), Fungi Rhen. Exs., Suppl. Fasc. **9**: no. 2385, 1871 [Jahrb. Nassauischen Vereins Naturk. **25-26**: 337 (1871-72) 1871].
≡ *Peziza flavofuliginea* Alb. & Schwein., Consp. fung. lusat.: 319, 1805.

≡ ***Trichopeziza flavofuliginea*** (Alb. & Schwein.) Sacc., Syll. fung. **8**: 413, 1889.
≡ *Lachnum flavofuligineum* (Alb. & Schwein.) Rehm, Rabenh. Krypt.-Fl., Ed. 2, **1**.3(Lief. 41): 888, 1893.
≡ *Belonidium flavofuligineum* (Alb. & Schwein.) Raitv., Scripta Mycol. Tartu **1**: 49, 1970.
[Full synonymy, see: http://www.speciesfungorum.org/Names/SynSpecies.asp?RecordID=265063; https://www.mycobank.org/MB/147534.]
Notes: This is a new combination at first validly published on the label of Fungi Rhen. Exs., Suppl., 2385 (fig. 100).

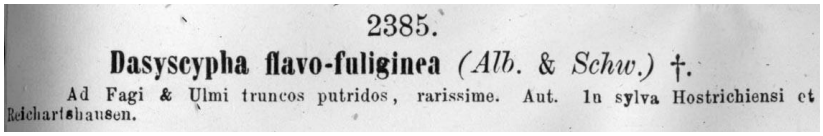

2385.
Dasyscypha flavo-fuliginea *(Alb. & Schw.)* †.
Ad Fagi & Ulmi truncos putridos, rarissime. Aut. In sylva Hostrichiensi et Reichartshausen.

Fig. 100

Leucoloma araneosa (Bull.) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **9**: no. 2389, 1871 [Jahrb. Nassauischen Vereins Naturk. **25-26**: 338 (1871-72) 1871].
≡ *Peziza araneosa* Bull., Herb. France **6**: tab. 280, 1786.
≡ *Aleuria araneosa* (Bull.) Gillet, Champ. France Discomyc. (2): 55, 1879.
≡ *Humaria araneosa* (Bull.) Sacc., Syll. fung. **8**: 122, 1889.
≡ *Humarina araneosa* (Bull.) Seaver, North American Cup-fungi, (Operculates): 130, 1928.
≡ ***Octospora araneosa*** (Bull.) Z.S. Bi, G.Y. Zheng & T.H. Li, Macrofungus Flora of China's Guangdong Province: 41, 1993.
Notes: This is a new combination at first validly published on the label of Fungi Rhen. Exs., Suppl., 2389 (fig. 101).

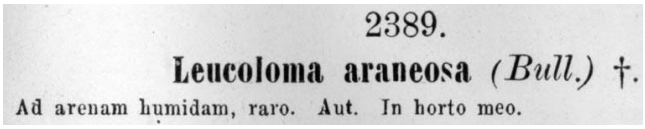

2389.
Leucoloma araneosa *(Bull.)* †.
Ad arenam humidam, raro. Aut. In horto meo.

Fig. 101

Fasc. 10

Coryneum vaccinii Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **10**: no. 2405, 1872 [Jahrb. Nassauischen Vereins Naturk. **27-28**: 81 (1873-74) 1874].
≡ ***Seimatosporium vaccinii*** (Fuckel) B. Erikss., Svensk Bot. Tidskr. **68**(2): 242, 1974.
≡ *Sporocadus vaccinii* (Fuckel) M. Morelet, Ann. Soc. Sci. Nat. Arch. Toulon et du Var **37**(4): 234, 1985.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2405 (fig. 102).

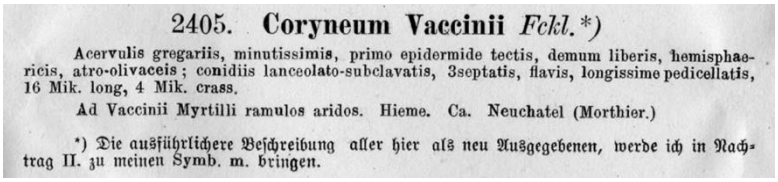

2405. **Coryneum Vaccinii** *Fckl.*)*
Acervulis gregariis, minutissimis, primo epidermide tectis, demum liberis, hemisphaericis, atro-olivaceis; conidiis lanceolato-subclavatis, 3septatis, flavis, longissime pedicellatis, 16 Mik. long, 4 Mik. crass.
Ad Vaccinii Myrtilli ramulos aridos. Hieme. Ca. Neuchatel (Morthier.)
*) Die ausführlichere Beschreibung aller hier als neu Ausgegebenen, werde ich in Nachtrag II. zu meinen Symb. m. bringen.

Fig. 102

Puccinia rubiae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **10**: no. 2416, 1872 [Jahrb. Nassauischen Vereins Naturk. **27-28**: 14 (1873-74) 1874].
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2416 (fig. 103).

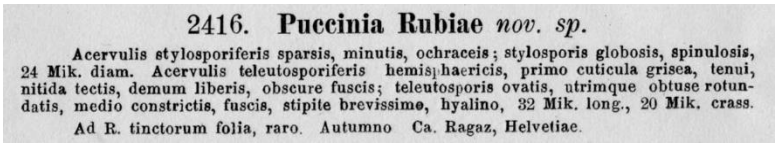
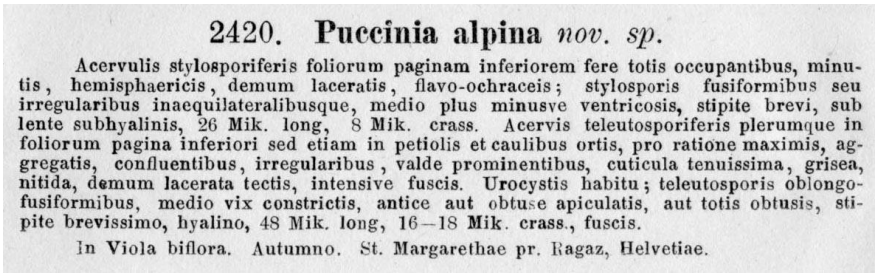

2416. **Puccinia Rubiae** *nov. sp.*
Acervulis stylosporiferis sparsis, minutis, ochraceis; stylosporis globosis, spinulosis, 24 Mik. diam. Acervulis teleutosporiferis hemisphaericis, primo cuticula grisea, tenui, nitida tectis, demum liberis, obscure fuscis; teleutosporis ovatis, utrimque obtuse rotundatis, medio constrictis, fuscis, stipite brevissimo, hyalino, 32 Mik. long., 20 Mik. crass.
Ad R. tinctorum folia, raro. Autumno Ca. Ragaz, Helvetiae.

Fig. 103

Puccinia alpina Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **10**: no. 2420, 1872 [Jahrb. Nassauischen Vereins Naturk. **27-28**: 13 (1873-74) 1874].
≡ *Dicaeoma alpinum* (Fuckel) Kuntze, Revis. gen. pl. **3**(3): 467, 1898.
≡ *Micropuccinia alpina* (Fuckel) Arthur & H.S. Jacks., Bull. Torrey Bot. Club **48**: 40, 1921.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2420 (fig. 104).



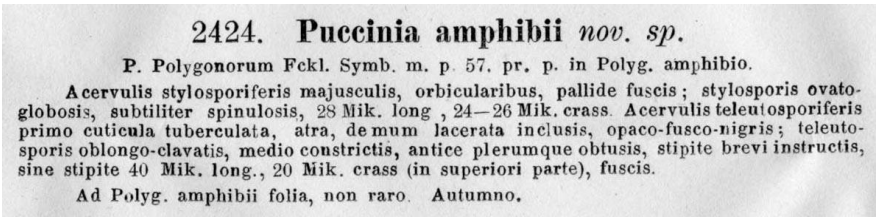
2420. **Puccinia alpina** *nov. sp.*

Acervulis stylosporiferis foliorum paginam inferiorem fere totis occupantibus, minutis, hemisphaericis, demum laceratis, flavo-ochraceis; stylosporis fusiformibus seu irregularibus inaequilateralibusque, medio plus minusve ventricosis, stipite brevi, sub lente subhyalinis, 26 Mik. long, 8 Mik. crass. Acervis teleutosporiferis plerumque in foliorum pagina inferiori sed etiam in petiolis et caulibus ortis, pro ratione maximis, aggregatis, confluentibus, irregularibus, valde prominentibus, cuticula tenuissima, grisea, nitida, demum lacerata tectis, intensive fuscis. Urocystis habitu; teleutosporis oblongo-fusiformibus, medio vix constrictis, antice aut obtuse apiculatis, aut totis obtusis, stipite brevissimo, hyalino, 48 Mik. long, 16—18 Mik. crass., fuscis.

In Viola biflora. Autumno. St. Margarethae pr. Ragaz, Helvetiae.

Fig. 104

Puccinia amphibii Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **10**: no. 2424, 1872 [Jahrb. Nassauischen Vereins Naturk. **27-28**: 15 (1873-74) 1874].
= ***Puccinia polygoni-amphibii*** Pers., Syn. meth. fung. **1**: 227, 1801.
[Full synonymy, see: http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=227792; https:www.mycobank.org/MB/227792.]
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2424 (fig. 105).



2424. **Puccinia amphibii** *nov. sp.*

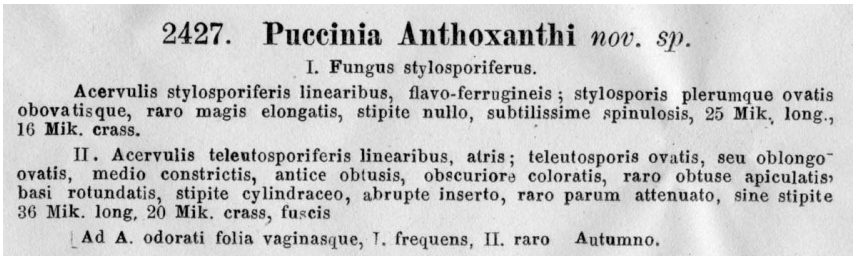
P. Polygonorum Fckl. Symb. m. p. 57. pr. p. in Polyg. amphibio.

Acervulis stylosporiferis majusculis, orbicularibus, pallide fuscis; stylosporis ovato-globosis, subtiliter spinulosis, 28 Mik. long, 24—26 Mik. crass. Acervulis teleutosporiferis primo cuticula tuberculata, atra, demum lacerata inclusis, opaco-fusco-nigris; teleutosporis oblongo-clavatis, medio constrictis, antice plerumque obtusis, stipite brevi instructis, sine stipite 40 Mik. long., 20 Mik. crass (in superiori parte), fuscis.

Ad Polyg. amphibii folia, non raro. Autumno.

Fig. 105

Puccinia anthoxanthi Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **10**: no. 2427, 1872 [Jahrb. Nassauischen Vereins Naturk. **27-28**: 15 (1873-74) 1874].
≡ ***Puccinia graminis*** Pers., Neues Mag. Bot. **1**: 119, 1794.
[Full synonymy, see: http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=159822; https://www.mycobank.org/MB/159822.]
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2427 (fig. 106).



2427. **Puccinia Anthoxanthi** *nov. sp.*

I. Fungus stylosporiferus.

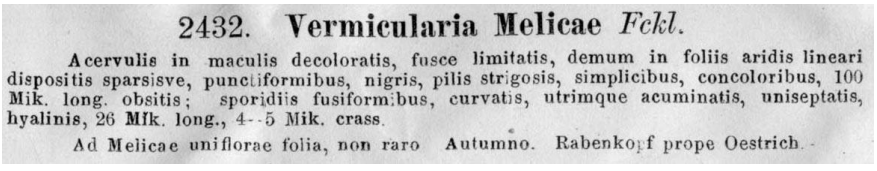
Acervulis stylosporiferis linearibus, flavo-ferrugineis; stylosporis plerumque ovatis obovatisque, raro magis elongatis, stipite nullo, subtilissime spinulosis, 25 Mik. long., 16 Mik. crass.

II. Acervulis teleutosporiferis linearibus, atris; teleutosporis ovatis, seu oblongo-ovatis, medio constrictis, antice obtusis, obscuriore coloratis, raro obtuse apiculatis, basi rotundatis, stipite cylindraceo, abrupte inserto, raro parum attenuato, sine stipite 36 Mik. long, 20 Mik. crass, fuscis

Ad A. odorati folia vaginasque, I. frequens, II. raro Autumno.

Fig. 106

Vermicularia melicae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **10**: no. 2432, 1872 [Jahrb. Nassauischen Vereins Naturk. **27-28**: 81 (1873-74) 1874].
≡ ***Colletotrichum graminicola*** (Ces.) G.W. Wilson, Phytopathology **4**: 110, 1914.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2432 (fig. 107).



2432. **Vermicularia Melicae** *Fckl.*

Acervulis in maculis decoloratis, fusce limitatis, demum in foliis aridis lineari dispositis sparsisve, punctiformibus, nigris, pilis strigosis, simplicibus, concoloribus, 100 Mik. long. obsitis; sporidiis fusiformibus, curvatis, utrimque acuminatis, uniseptatis, hyalinis, 26 Mik. long., 4--5 Mik. crass.

Ad Melicae uniflorae folia, non raro Autumno. Rabenkopf prope Oestrich.

Fig. 107

Sphaerella ferruginea Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **10**: no. 2435, 1872 [Jahrb. Nassauischen Vereins Naturk. **27-28**: 20 (1873-74) 1874].
≡ *Mycosphaerella ferruginea* (Fuckel) Cruchet, Bull. Soc. Vaud. Sci. Nat. **55**: 47, 1923.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2435 (fig. 108). This epithet is legitimate, although published under an illegitimate genus name (Art. 55.1).



2435. **Sphaerella ferruginea** *nov. sp.*

I. Fungus conidiophorus Cercospora ferruginea Fckl. Symb. m. p. 354 et F. rh. 120 est. II. Fung. stylosporiferus Phoma referens. Peritheciis sparsis, subsuperficialibus, in caespitibus fungi conidiophori foliorum marcescentium ortis, triplo majoribus ut ascophora, ovato-globosis, atris, vertice pilis paucis, concoloribus, perithecii longitudine, in acumen connatis instructis; stylosporis cylindraceis, subrectis, continuis, hyalinis, 6 Mik. long., 2 Mik. crass. III. Peritheciis ascigeris demum in foliis aridis, gregariis, minutis, erumpentibus, ovato-globosis, atris; ascis fasciculatis, oblongis, curvatis, 8sporis; sporidia tota matura nondum vidi.

Sphaerella cinerascente et S. Vitis analoga!

II. & III. Autumno.

Fig. 108

Sphaeria lacustris Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **10**: no. 2436, 1872 [Jahrb. Nassauischen Vereins Naturk. **27-28**: 22 (1873-74) 1874].
≡ *Metasphaeria lacustris* (Fuckel) Sacc., Syll. fung. **2**: 173, 1883.
≡ *Massarina lacustris* (Fuckel) Leuchtm., Sydowia **37**: 181, 1984.
≡ ***Wettsteinina lacustris*** (Fuckel) Shoemaker & C.E. Babc., Canad. J. Bot. **67**(5): 1595, 1989.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2436 (fig. 109). Taxonomy, see Aptroot (1998: 143).



2436. **Sphaeria lacustris** *nov. sp.*

Peritheciis sub epidermide nidulantibus, erumpentibus, gregariis, majusculis (1 Mill. diam.), globosis seu subcompressis, nigris, vertice obtusis, applanatis, nitidis, demum perforatis; ascis oblongis, subsessilibus, 8sporis, 72 Mik. long., 12 Mik. crass.; sporidiis distichis, oblongis, utrimque subobtusis, rectis, 1—2septatis, ad septa constrictis, loculis uniguttulatis, hyalinis, 14 Mik. long., 5 Mik. crass.

Ad Typhae angustifoliae folia putrida, raro. Autumno. Ca. Budenheim.

Fig. 109

Sphaeria myricariae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **10**: no. 2437, 1872 [Jahrb. Nassauischen Vereins Naturk. **27-28**: 22 (1873-74) 1874].
≡ *Sphaerella myricariae* (Fuckel) Sacc., Syll. fung. **1**: 718, 1882.
≡ *Mycosphaerella myricariae* (Fuckel) Lindau, Hilfsb. Sammeln Ascomyc.: 70, 1903.
≡ *Mycosphaerellopsis myricariae* (Fuckel) Höhn., Ann. Mycol. **16**(1/2): 157, 1918.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2437 (fig. 110).



2437. **Sphaeria Myricariae** *nov. sp.*

Peritheciis plerumque in foliorum marcescentium aridorumve pagina inferiori gregariis, pro ratione majusculis, semiimmersis et basi globosa a foliorum substantia decolorata, elevata cinctis, parte libera late conica, aterrima, demum perforatis; ascis tenuiter stipitatis, tunica crassa, oblongis, saepe curvatis, 8sporis, 80 Mik. long., 12 Mik. crass.; sporidiis distichis, ovato-oblongis, parum curvatis, utrimque subobtusis, uniseptatis, ad septum constrictis, loculis 1—2guttulis majusculis, hyalinis, 20 Mik. long., 6 Mik crass.

Ad Myricariae germanicae foliola marcescentia, adhuc pendula, raro. Autumno Ad Rheni ripas ca. Ragaz, Helvetiae.

Fig. 110

Pleospora phyteumatis Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **10**: no. 2439, 1872 [Jahrb. Nassauischen Vereins Naturk. **27-28**: 25 (1873-74) 1874].
≡ *Leptosphaeria phyteumatis* (Fuckel) Sacc., Syll. fung. **2**: 37, 1883.
≡ *Heptameria phyteumatis* (Fuckel) Cooke, Grevillea **18**(86): 31, 1889.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2439 (fig. 111). Müller (1950) reduced this name to synonymy with *Leptosphaeria modesta* (Desm.) Auersw.

2439. **Pleospora (Nodulosphaeria)** Phyteumatis *nov. sp.*

Peritheciis sparsis, demum erumpentibus, pro ratione media magnitudine, depresso-globosis, atris, ostiolis prominulis, obtuso-cylindraceis, atris; ascis oblongo-elongatis, in stipitem attenuatis, 8sporis, 82 Mik. long., 8 Mik. crass.; sporidiis imbricato-distichis, fusiformibus, curvatis, 5—6septatis, loculo subultimo crassiori, flavis, 26 Mik. long., 4 Mik. crass.

Ad Phyteumatis spicati caules aridos. Vere. In Jura a Morthier detecta.

Fig. 111

Cucurbitula myricariae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **10**: no. 2450, 1872 [Jahrb. Nassauischen Vereins Naturk. **27-28**: 32 (1873-74) 1874].
≡ *Rosellinia myricariae* (Fuckel) Sacc., Syll. fung. **1**: 274, 1882.
≡ ***Coniochaeta myricariae*** (Fuckel) Arx & E. Müll., Beitr. Kryptfl. Schweiz **11**(1): 307, 1954.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2450 (fig. 112).

2450. **Cucurbitula Myricariae** *nov. sp.*

Peritheciis fungi stylosporiferi in caespitulis minutis, hemisphaericis erumpentibus, fuscis, subglobosis pressione irregularibusque; stylosporis plerumque ovatis, rotundatis subellipticisve, continuis, raro uniseptatis, fuscis, 10 Mik. long., 4—6 Mik. crass. Peritheciis ascigeris in corticis rimis caespitosis, elongate dispositis, parum majoribus ut in fungo stylosporifero et magis regularibus, ovato-globosis, in ostiolum obtuso-conicum, demum perforatum, aterrimum protractis, opaco-nigris; ascis stipitatis, cylindraceis, 8sporis, 88 Mik. long., 8 Mik. crass.; sporidiis oblique monostichis, forma in idem asco valde variabili, aliis subellipticis, aliis ovatis vel subrotundis, continuis, fuscis, 10 Mik. long., 5—8 Mik. crass.; paraphysibus filiformibus, multiguttulatis.

Ad Myricariae germanicae ramos corticatos, aridos, rarissime. Autumno. Ad Rheni ripas. Ca. Ragaz, Helvetiae.

Fig. 112

Cryptospora leiphaemoides Fuckel (as "*liphaemoides*"), Fungi Rhen. Exs., Suppl. Fasc. **10**: no. 2453, 1872 [Jahrb. Nassauischen Vereins Naturk. **27-28**: 34 (1873-74) 1874].
≡ *Diaporthe leiphaemoides* (Fuckel) Sacc., Syll. fung. **1**: 624, 1882.
= ***Dendrostoma castaneum*** (Tul. & C. Tul.) Voglmayr & Jaklitsch, in Jaklitsch & Voglmayr, MycoKeys **59**: 11, 2019.
[Full synonymy, see: http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=832516; https://www.mycobank.org/MB/832516.].
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2453 (fig. 113).

2453. **Cryptospora liphaemoides** *nov. sp.*

Fungus leucoconidiifer-us erumpens, tuberculiformis, magnus, 1—1½ lin. lat., ½ lin. crass., extus laevis, fusco-ferrugineus, intus siccus, niveus; leucoconidiis oblongo-ovatis, hyalinis, rectis, biguttulatis, 6—10 Mik. long., 3—4 Mik. crass. Peritheciis ascigeris sub stromate ferrugineo, 1 lin. lat. nidulantibus, 1—4, majusculis, globosis, nigris, nucleo sordido, ostiolis demum in disco ferrugineo exsertis, sed brevibus, conicis, atris; ascis clavatis, in stipitem attenuatis, 8sporis, 48 Mik. long, 10 Mik. crass.; sporidiis distichis, fusiformibus, antice parum crassioribus, curvatis, utrimque acute appendiculatis, multiguttulatis, uniseptatis, 16—18 Mik. long, 3—4 Mik. crass., hyalinis.

Ad Castaneae vulgaris ramos corticatos, aridos, rarissime. Vere. Ca. Vollrads.

Fig. 113

Valsa sepincola Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **10**: no. 2456, 1872 [Jahrb. Nassauischen Vereins Naturk. **27-28**: 35 (1873-74) 1874].
≡ *Engizostoma sepincola* (Fuckel) Kuntze, Revis. gen. pl. **3**(3): 475, 1898.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2456 (fig. 114).

2456. **Valsa sepincola** *nov. sp.*

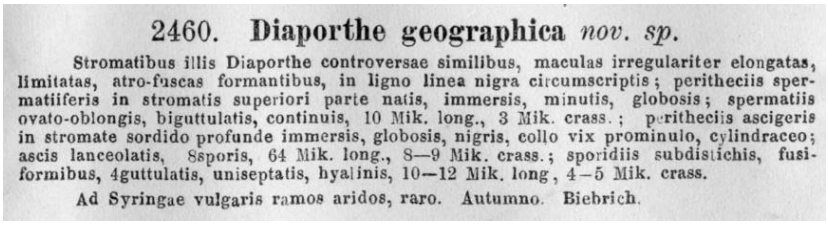
a. Rosaecola.

Spermogoniis sparsis, in cortice interiori nidulantibus, late conicis, labyrinthiforme loculatis, epidermidem fusce colorantibus, disco convexo planove, orbiculari, sordide albo, poro communi perforato; spermatiis cylindraceis, curvatis, 6 Mik. long., 1½ Mik. crass. Peritheciis ascigeris in cortice interiori, sine conceptaculo proprio nidulantibus, circinantibus, 10—15, pro ratione majusculis, globoso-ovatis, decumbentibus, atris, disco minuto, orbiculari, candido, ab ostiolis non exsertis, minutissimis, punctiformibus, atris punctulato; ascis lanceolatis, 4sporis, 50 Mik. long., 8 Mik. crass.; sporidiis cylindraceis, curvatis, continuis, 20—22 Mik. long., 4 Mik. crass.

Ad Rosae rubiginosae ramos aridos, raro. Autumno. Ca. Oestrich.

Fig. 114

Diaporthe geographica Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **10**: no. 2460, 1872 [Jahrb. Nassauischen Vereins Naturk. **27-28**: 38 (1873-74) 1874].
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2460 (fig. 115).



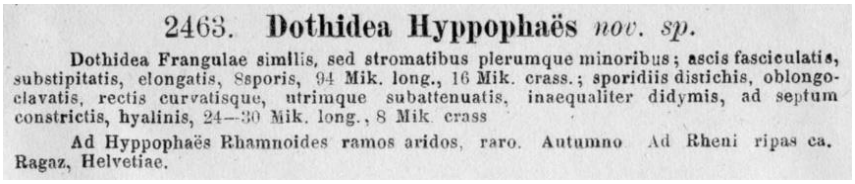
2460. **Diaporthe geographica** *nov. sp.*

Stromatibus illis Diaporthe controversae similibus, maculas irregulariter elongatas, limitatas, atro-fuscas formantibus, in ligno linea nigra circumscriptis; peritheciis spermatiiferis in stromatis superiori parte natis, immersis, minutis, globosis; spermatiis ovato-oblongis, biguttulatis, continuis, 10 Mik. long., 3 Mik. crass.; peritheciis ascigeris in stromate sordido profunde immersis, globosis, nigris, collo vix prominulo, cylindraceo; ascis lanceolatis, 8sporis, 64 Mik. long., 8—9 Mik. crass.; sporidiis subdistichis, fusiformibus, 4guttulatis, uniseptatis, hyalinis, 10—12 Mik. long, 4—5 Mik. crass.

Ad Syringae vulgaris ramos aridos, raro. Autumno. Biebrich.

Fig. 115

Dothidea hippophaes Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **10**: no. 2463, 1872.
= *Dothidea sambuci* f. *hippophaes* Pass., Erb. critt. Ital., Ser. 2, fasc.: no. 98, 1868.
≡ *Plowrightia hippophaes* (Pass.) Sacc., Syll. fung. **2**: 637, 1883.
≡ *Dothidella hippophaes* (Pass.) Theiss. & Syd. , Ann Mycol. **13**(3/4): 311, 1915.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2463 (fig. 116). Löffler (1957) recognised and treated this species as *Dothidea hippophaes.*



2463. **Dothidea Hyppophaës** *nov. sp.*

Dothidea Frangulae simllis, sed stromatibus plerumque minoribus; ascis fasciculatis, substipitatis, elongatis, 8sporis, 94 Mik. long., 16 Mik. crass.; sporidiis distichis, oblongo-clavatis, rectis curvatisque, utrimque subattenuatis, inaequaliter didymis, ad septum constrictis, hyalinis, 24—30 Mik. long., 8 Mik. crass

Ad Hyppophaës Rhamnoides ramos aridos, raro. Autumno Ad Rheni ripas ca. Ragaz, Helvetiae.

Fig. 116

Microthyrium lunariae (Kunze) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **10**: no. 2471, 1872 [Jahrb. Nassauischen Vereins Naturk. **27-28**: 53 (1873-74) 1874].
≡ *Leptothyrium lunariae* Kunze, in Kunze & Schmidt, Mykol. Hefte **2**: 79, 1823.
≡ *Calopeltis lunariae* (Kunze) Bat., Publicações Inst. Micol. Recife **260**: 39, 1960.
≡ *Leptopeltopsis lunariae* (Kunze) Arx, Acta Bot. Neerl. **13**: 187, 1964.
≡ ***Leptopeltis lunariae*** (Kunze) L. Holm, Bot. Notiser **130**(2): 226, 1977.
Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 2471 (fig. 117).



2471. **Microthyrium Lunariae** *(Kze.) Fckl.*

Leptothyrium L. Kze. myc. Hfte. II. p. 79, sed Fung. spermogon.

Scutellis junioribus spermatiiferis cellulis radiatis ut in omnibus hujus generis contextis, centro umbonatis perforatisque, orbicularibus, atris, primo sparsis, demum. confluentibus; spermatiis anguste fusiformibus, curvatis, continuis, hyalinis, 10—12 Mik. long., 2 Mik. crass.; demum ascigeris; ascis oblongis, saepe curvatis, sessilibus, 8sporis, 48—50 Mik. long., 12 Mik. crass.; sporidiis imbricato-distichis, oblongo-subclavatis, inaequaliter didymis, rectis curvatisve, medio parum constrictis, hyalinis, 16 Mik. long., 6 Mik. crass.

Ad Lunariae redivivae caules aridos. Vere. Kirchdorf, Austriae superioris (Schiedermeyer).

Fig. 117

Patellaria urceolus Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **10**: no. 2474, 1872 [Jahrb. Nassauischen Vereins Naturk. **27-28**: 54 (1873-74) 1874].
≡ *Patellea urceolus* (Fuckel) Sacc., Syll. fung. **8**: 784, 1889.
≡ *Phialea urceolus* (Fuckel) Rehm, in Rabenh., Krypt.-Fl., Ed. 2, **1**.3(Lief. 39): 732, 1893.
≡ *Coryne urceolus* (Fuckel) Höhn., Sitzungsber. Akad. Wiss. Wien, Math.-Naturw. Kl., Abt. 1, **116**: 135, 1907.
≡ *Kriegeria urceolus* (Fuckel) Höhn., Sitzungsber. Akad. Wiss. Wien, Math.-Naturw. Kl., Abt. 1, **123**: 114, 1914.
≡ ***Rutstroemia urceolus*** (Fuckel) W.L. White, Lloydia **4**: 194, 1941.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2474 (fig. 118).

2474. **Patellaria Urceolus** *nov. sp.*

Cupulis in ramulis nigrofactis superficialibus, gregariis, totis glabris, vernicosis, duris, fusco-nigris, primo sessilibus, globosis, perforatis, demum distincte stipitatis, stipite crasso, cupulam dimidiam aequante, concolori; cupulis demum urceolatis, sub margine acuto contractis, magis apertis, seminis Cannabis magnitudine, disco concavo, concolori; ascis sessilibus, cylindraceis, 8sporis. 100 Mik. long., 9 Mik. crass.; sporidiis oblique monostichis, oblongo-ovatis, didymis, hyalinis, 16 Mik. long., 8 Mik. crass.; paraphysibus copiosis, elongato-clavatis, pallide fuscis.

Ad ramulos putridos praecipue Rubi, rarissime. Vere. Ca. Neuchatel a Morthier detecta.

Fig. 118

Tapesia aurea Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **10**: no. 2476, 1872 [Jahrb. Nassauischen Vereins Naturk. **27-28**: 60 (1873-74) 1874].
≡ *Mollisia aurea* (Fuckel) Rehm, Rabenh. Krypt.-Fl., Ed. 2, **1**.3(Lief. 35): 508, 1891.
≡ *Eriopezia aurea* (Fuckel) Rehm [as "*Eriopeziza*"], Rabenh. Krypt.-Fl., Ed. 2, **1**.3(Lief. 38): 697, 1892.
≡ *Micropodia aurea* (Fuckel) Boud., Hist. Class. Discom. Eur.: 128, 1907.
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2476 (fig. 119). The generic affinity of this species is unclear (Korf 1951: 146). Rehm (l.c.: 698) considered *Tapesia aurea* a probable synonym of *Peziza messerschmidii* Weinm. (≡ *Weinmannioscyphus messerschmidii* (Weinm.) Svrček).

2476. **Tapesia aurea** *nov. sp.*

Cupulis gregariis, ceraceis, glabris, distincte stipitatis, e subiculo delicatissimo, aureo, hyphis ramosis, conidiophoris contexto ortis, primo cylindraceis, dein turbinatis, concavis, postremo subplanis, usque ad millimetrum latis, distincte marginatis, margine subrepando, aureis, disco pallidiori, stipite pro ratione crasso, cupulam dimidiam aequante, basi obscuriori et subtilissime puberulo; ascis cylindraceo - clavatis, sessilibus, 8sporis, 32 Mik. long., 4 Mik. crass.; sporidiis distichis, cylindraceis, parum curvatis, continuis, hyalinis, 6 Mik. long., 2 Mik. crass.; conidiis cylindraceis, rectis, endosporae duplo majoribus.

Ad Pini sylvestris folia putrida, rarissime. Autumno. In monte Boss prpe. Eberbach

Fig. 119

Crouania cinnabarina Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **10**: no. 2481, 1872 [Jahrb. Nassauischen Vereins Naturk. **27-28**: 64 (1873-74) 1874].
≡ *Barlaea cinnabarina* (Fuckel) Sacc., Syll. fung. **8**: 112, 1889.
≡ *Barlaeina cinnabarina* (Fuckel) Oudem., Ned. Kruidk. Archf, 3 Sér. **2**(4): 1078, 1904.
≡ ***Pulvinula cinnabarina*** (Fuckel) Boud., Hist. Class. Discom. Eur.: 70, 1907.
≡ *Lamprospora cinnabarina* (Fuckel) Kalymb., Mikologicheskaya Flora Zailiĭskogo Alatau, (Severnyĭ Tyan'-Shan'): 174, 1969.
[Full synonymy, see: http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=120170; https://www.mycobank.org/MB/120170.]
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2481 (fig. 120). Taxonomy, see Pfister (1976: 8).

2481. **Crouania cinnabarina** *nov. sp.*

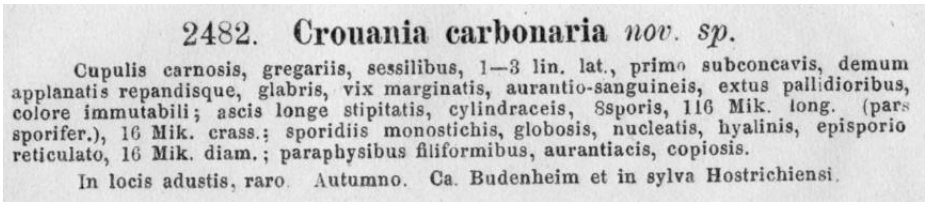
Cupulis carnosis, gregariis, sessilibus, 1—2 lin. latis, concavis, demum magis applanatis, integris, glabris, marginatis, cinnabarinis, colore immutabili; ascis in stipitem protractis, cylindraceis, 8sporis, 144 Mik. long. (pars sporifer.), 18 Mik. crass.; sporidiis in asci superiori parte monostichis, globosis, nucleatis, hyalinis, ep sporio reticulato, 18 Mik. diam.; paraphysibus filiformibus, copiosis, guttulis aurantiacis repletis.

Ad arenam humosam, humidam. Autumno. Ad Rheni ripas ca. Ragaz.

Fig. 120

Crouania carbonaria Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **10**: no. 2482, 1872 [Jahrb. Nassauischen Vereins Naturk. **27-28**: 64 (1873-74) 1874].
≡ *Barlaea carbonaria* (Fuckel) Sacc., Syll. fung. **8**: 112, 1889.
≡ ***Pulvinula carbonaria*** (Fuckel) Boud., Hist. Class. Discom. Eur.: 70, 1907.
≡ *Barlaeina carbonaria* (Fuckel) Sacc. & Traverso, Syll. fung. **19**: 138, 1910.
≡ *Lamprospora carbonaria* (Fuckel) Seaver, Mycologia **6**: 16, 1914.
≡ *Octospora carbonaria* (Fuckel) Caillet & Moyne, Bull. Trimest. Soc. Mycol. France **96**(2): 194, 1980.
= *Peziza sanguinaria* Cooke, Grevillea **3**(25): 31, 1874.
≡ *Aleuria sanguinaria* (Cooke) Gillet, Champ. France Discomyc. (2): 50, 1879.
≡ *Pulvinula sanguinaria* (Cooke) Boud., Bull. Soc. Mycol. France **1**(1): 107, 1885.

[Full synonymy, see: https://www.mycodb.fr/fiche.php?genre=Pulvinula&espece=carbonaria; https://www.mycobank.org/MB/356922.]
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 2482 (fig. 121). Taxonomy, see Pfister (1976: 8).



2482. **Crouania carbonaria** *nov. sp.*

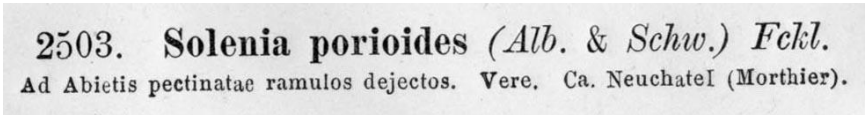
Cupulis carnosis, gregariis, sessilibus, 1—3 lin. lat., primo subconcavis, demum applanatis repandisque, glabris, vix marginatis, aurantio-sanguineis, extus pallidioribus, colore immutabili; ascis longe stipitatis, cylindraceis, 8sporis, 116 Mik. long. (pars sporifer.), 16 Mik. crass.; sporidiis monostichis, globosis, nucleatis, hyalinis, episporio reticulato, 16 Mik. diam.; paraphysibus filiformibus, aurantiacis, copiosis.

In locis adustis, raro. Autumno. Ca. Budenheim et in sylva Hostrichiensi.

Fig. 121

Fasc. 11

Solenia porioides (Alb. & Schwein.) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **11**: no. 2503, 1873 [Jahrb. Nassauischen Vereins Naturk. **27-28**: 6 (1873-74) 1874].
≡ *Peziza porioides* Alb. & Schwein., Consp. fung. lusat.: 327, 1805, nom. sanct. [Fr., Syst. mycol. **2**(1): 111, 1822].
≡ *Phialea porioides* (Alb. & Schwein.) Gillet, Champ. France Discomyc. (4): 112, 1881.
≡ *Cyphella porioides* (Alb. & Schwein.) Quél., Enchir. fung.: 215, 1886.
≡ *Solenia porioides* (Alb. & Schwein.) Sacc., Syll. fung. **6**: 425, 1888, isonym.
≡ *Eriopezia porioides* (Alb. & Schwein.) Rehm (as "*Eriopeziza*"), Rabenh. Krypt.-Fl., Ed. 2, **1**.3(Lief. 38): 697, 1892.
≡ *Henningsomyces porioides* (Alb. & Schwein.) Kuntze (as "*poriodes*"), Revis. gen. pl. **3**(3): 483, 1898.
≡ *Stigmatolemma porioides* (Alb. & Schwein.) W.B. Cooke (as "*poroides*"), Mem. N.Y. Bot. Gard. **49**: 168, 1989.
= ***Porotheleum fimbriatum*** (Pers.) Fr., Observ. mycol. **2**: 272, 1818, nom. sanct. [Fries, Syst. mycol. **1**: 506, 1821].
≡ *Poria fimbriata* Pers., Neues Mag. Bot. **1**: 109, 1794.
≡ *Boletus fimbriatus* (Pers.) Pers., Syn. meth. fung. **2**: 546, 1801.
≡ *Stromatoscypha fimbriata* (Pers.) Donk, Reinwardtia **1**: 218, 1951.
≡ *Stigmatolemma fimbriatum* (Pers.) Pouzar, Česká Mykol. **12**(1): 27, 1958.
Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 2503 (fig. 122). Synonymy, see Donk (1959, 1962) and Thorn et al. (2005).



2503. **Solenia porioides** *(Alb. & Schw.) Fckl.*

Ad Abietis pectinatae ramulos dejectos. Vere. Ca. Neuchatel (Morthier).

Fig. 122

Hypocopra discospora (Alb. & Schwein.) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **11**: no. 2548, 1873 [Jahrb. Nassauischen Vereins Naturk. **27-28**: 43 (1873-74) 1874].
≡ *Sordaria discospora* Auersw., in Niessl, Verh. Nat. Ver. Brünn **10**: 192, (1871) 1872.
≡ *Sphaeria discospora* (Auersw.) W. Phillips & Plowr., Grevillea **2**(24): 187, 1874.
≡ *Pleurage discospora* (Auersw.) Kuntze, Revis. gen. pl. **3**(3): 505, 1898.
≡ *Fimetaria discospora* (Auersw.) Griffiths & Seaver, North American flora **3**(1): 68, 1910.
≡ ***Coniochaeta discospora*** (Auersw.) Cain, Univ. Toronto Stud. **38**: 62, 1934.
Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 2548 (fig. 123).



2548. **Hypocopra discospora** *(Awd.) Fckl.*

Ad fimum equinum putridum, non raro. Vere. Ca. Oestrich.

Fig. 123

Xylographa atrocyanea (Fr.) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **11**: no. 2550, 1873 [Jahrb. Nassauischen Vereins Naturk. **27-28**: 48 (1873-74) 1874].
≡ *Stictis atrocyanea* Fr., Syst. mycol. **2**(1): 199, 1822.
≡ *Propolidium atrocyaneum* (Fr.) Rehm, Rabenh. Krypt.-Fl., Ed. 2, **1**.3(Lief. 30): 168, 1888.
≡ *Cryptodiscus atrocyaneus* (Fr.) Sacc., Syll. fung. **8**: 674, 1889.
≡ ***Durella atrocyanea*** (Fr.) Höhn., Ann. Mycol. **16**(3/6): 211, 1919.
[Full synonymy, see: https://www.mycodb.fr/fiche.php?genre=Durella&espece=atrocyanea.]
Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 2550 (fig. 124).

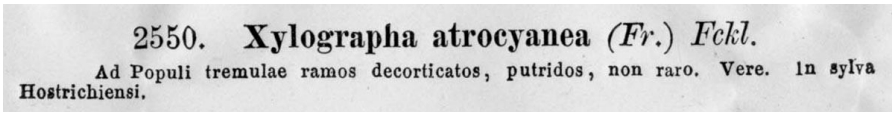

2550. **Xylographa atrocyanea** *(Fr.) Fckl.*
Ad Populi tremulae ramos decorticatos, putridos, non raro. Vere. In sylva Hostrichiensi.

Fig. 124

Exoascus bullatus (Berk. & Broome) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **11**: no. 2551, 1873 [Jahrb. Nassauischen Vereins Naturk. **27-28**: 49 (1873-74) 1874].
≡ *Oidium bullatum* Berk. & Broome, J. Hort. Soc., London **9**: 51, 1855.
≡ *Ascomyces bullatus* (Berk. & Broome) Berk., Intr. Crypt. Bot.: 284, 1857.
≡ *Ascosporium bullatum* (Berk. & Broome) Berk., Outl. Brit. Fung.: 444, 1860.
≡ ***Taphrina bullata*** (Berk. & Broome) Tul., Ann. Sci. Nat., Bot., Sér. 5, **5**: 127, 1866.
Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 2551 (fig. 125). The name *Ascomyces bullatus* was sometimes ascribed to Berkeley as new species, but this is incorrect. Berkeley (1857: 284) referred to "J. Hort. Soc., London **9**: 51, 1855", i.e., he introduced a new combination based on *Oidium bullatum*, which is, accordingly, also the basionym for all additional combinations.

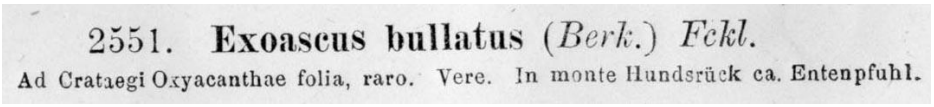

2551. **Exoascus bullatus** *(Berk.) Fckl.*
Ad Crataegi Oxyacanthae folia, raro. Vere. In monte Hundsrück ca. Entenpfuhl.

Fig. 125

Dermatea ulmi (Tul.) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **11**: no. 2567, 1873 [Jahrb. Nassauischen Vereins Naturk. **27-28**: 56 (1873-74) 1874].
≡ *Cenangium ulmi* Tul. & C. Tul., Select. fung. carpol. **3**: 170, 1865.
≡ *Encoelia ulmi* (Tul. & C. Tul.) Boud., Hist. Class. Discom. Eur.: 161, 1907.
This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 2567 (fig. 126).

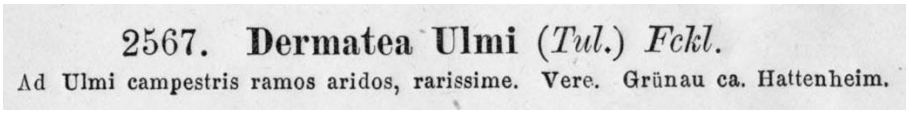

2567. **Dermatea Ulmi** *(Tul.) Fckl.*
Ad Ulmi campestris ramos aridos, rarissime. Vere. Grünau ca. Hattenheim.

Fig. 126

Niptera lividofusca (Fr.) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **11**: no. 2573, 1873 [Jahrb. Nassauischen Vereins Naturk. **27-28**: 58 (1873-74) 1874].
≡ *Peziza lividofusca* Fr., Syst. mycol. **2**(1): 147, 1822, nom. sanct.
≡ *Helotium lividofuscum* (Fr.) P. Karst., Not. Sällsk. Fauna Fl. Fenn. Förh. **8**: 207, 1866.
≡ ***Mollisia lividofusca*** (Fr.) Gillet, Champ. France Discomyc. (5): 127, 1882.
≡ *Tapesia lividofusca* (Fr.) Rehm, Rabenh. Krypt.-Fl., Ed. 2, **1**.3(Lief. 36): 576, 1891.
= *Peziza rimosa* Sowerby, Col. fig. Engl. Fung. Mushr. **3**(25): tab. 369, fig. 12. 1802.
≡ *Patellaria rimosa* (Sowerby) Gray, Nat. Arr. Brit. Pl. **1**: 664, 1821.
= *Peziza fusca var. ß astromatica* Wallr., Fl. crypt. germ. **2**: 483, 1833.
= *Peziza fallax* Desm., Ann. Sci. Nat., Bot., Sér. 3, **3**: 367, 1845, nom. illegit. (Art. 53.1), non Pers., 1822.
≡ *Mollisia fallax* Gillet (as "(Desm.) Gillet"), Champ. France Discomyc. (5): 119, 1882.
≡ *Tapesia lividofusca* var. *fallax* (Gillet) Rehm, in Rabenh. Krypt.-Fl., Ed. 2, **1**.3(Lief. 36): 577, 1891.
≡ *Tapesia riccia var. fallax* (Gillet) Rehm, Ber. Bayer. Bot. Ges. **14**: 98, 1914.

= *Tapesia byssina* Fuckel, Jahrb. Nassauischen Vereins Naturk. **23-24**: 302 (1869-70) 1870.
= *Niptera riccia* Sacc., Atti Soc. Veneto-Trent. Sci. Nat. **2**(1): 210, 1873 [Nuovo Giorn. Bot. Ital. **5**: 295, 1873], nom. illeg. (Art. 53.1), non Fr., 1849.
≡ *Mollisia discolor* var. *riccia* W. Phillips (as "(Sacc.) W. Phillips"), Man. Brit. Discomyc.: 175, 1887.
≡ *Mollisia riccia* Sacc., Syll. fung. **8**: 338, 1889, nom. nov.
≡ *Tapesia riccia* (Sacc.) Rehm, Rabenh. Krypt.-Fl., Edn 2, **1**.3(Lief. 36): 575, 1891.
≡ *Pyrenopeziza riccia* (Sacc.) Boud., Hist. Class. Discom. Eur.: 133, 1907.
= *Hymenula riccia* Sacc., Syll. fung. **8**: 338, 1889.
= *Tapesia melaleuca* var. *strobincola* Rehm, Hedwigia **24**(1): 11, 1885.
= *Mollisia fallax* f. *strobilorum* Roum., Rev. Mycol. (Toulouse) **12**(48): 161, 1890.
= *Mollisia genistae* Velen., Monogr. Discom. Bohem.: 121, 1934.
[Synonymy, see: https://www.mycodb.fr/fiche.php?genre=Mollisia&espece=lividofusca.]
Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 2573 (fig. 127). The illegitimate name *Niptera riccia* Sacc. was first validated on species level as *Mollisia riccia* Sacc. *Hymenula riccia* Sacc. is a legitimate separate name, introduced as asexual morph of *Mollisia riccia* (Art. F.8.1). The valid combination *Helotium lividofuscum* (Fr.) P. Karst. influences the name *Helotium lividofuscum* K.S. Thind & Saini:

Helotium lividofuscum K.S. Thind & Saini, Mycologia **59**(3): 471, 1967, nom. illeg. (Art. 53.1), non Fr.) P. Karst., 1866.
≡ ***Hymenoscyphus lividofuscus*** K.S. Thind & M.P. Sharma (as "(K.S. Thind & Saini) K.S. Thind & M.P. Sharma"), Nova Hedwigia **32**(1): 130, 1980.


2573. **Niptera livido - fusca** (*Fr.*) *Fckl.*
Ad Carpini truncos putridos, non raro. Vere. In sylva Hostrichiensi.

Fig. 127

Fasc. 12

Pleospora jasmini Fuckel (as "(Castagne) Fuckel"), Fungi Rhen. Exs., Suppl. Fasc. **12**: no. 2649, 1874, [Jahrb. Nassauischen Vereins Naturk. **27-28**: 24 (1873-74) 1874], nom. nov., nom. illeg. (Art. 53.1).
≡ *Sphaeria jasmini* Castagne, Cat. Pl. Mars.: 167, 1845, nom. illegit. (Art. 53.1), non Schwein., 1832.
[*Pleospora jasmini* Fuckel (as "(Castagne) Fuckel"), Jahrb. Nassauischen Vereins Naturk. **23-24**: 138 (1869-70) 1870, nom. illeg. (Art. 52.1).]
= *Sphaeria castagnei* Durieu & Mont., in Durieu, Expl. Sci. Alg., Fl. Algér. **1**(livr. 14): 528, 1848.
≡ *Leptosphaeria castagnei* (Durieu & Mont.) Sacc., Nuovo Giorn. Bot. Ital **7**(4): 317, 1875.
≡ *Heptameria castagnei* (Durieu & Mont.) Cooke, Grevillea **18**(86): 31, 1889.
≡ ***Paraphaeosphaeria castagnei*** (Durieu & Mont.) O.E. Erikss., Ark. Bot., Ser. 2, **6**: 406, 1967.
Notes: This is a new name validly published on the label of Fungi Rhen. Exs., Suppl., 2649 (fig. 128). Synonymy, see Müller (1950). This species is currently accepted in *Paraphaeosphaeria* (see Ariyawansa et al. 2014b). The introduction of *Pleospora jasmini* in Fuckel (1870) was illegitimate (nom. superfl., Art. 52.1) since *Sphaeria castagnei* was cited as synonym, a name that ought to have been adoped in *Pleospora*. The introduction of the new name *Pleospora jasmini* in 1874 was not superfluous, but this name is nevertheless illegitimate (see Art. 53.1, Note 1).

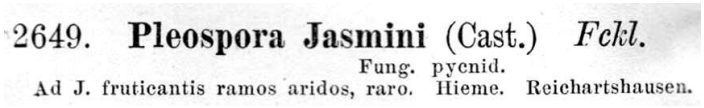

2649. **Pleospora Jasmini** (Cast.) *Fckl.*
Fung. pycnid.
Ad J. fruticantis ramos aridos, raro. Hieme. Reichartshausen.

Fig. 128

Monographos aspidiorum (Lib.) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **12**: no. 2665, 1874, [Jahrb. Nassauischen Vereins Naturk. **29-30**: 24 (1877-78) 1875].
≡ *Sphaeria aspidiorum* Lib., Pl. crypt. Arduenna, fasc. 4: no. 342, 1837.
≡ *Rhopographus aspidiorum* (Lib.) Cooke, Grevillea **13**(67): 72, 1885.
≡ ***Scirrhia aspidiorum*** (Lib.) Bubák, Ber. Deutsch. Bot. Ges. **34**: 328, 1916.
≡ *Scirrhodothis aspidiorum* (Lib.) Höhn., Situngsber. Akad. Wiss. Wien, Math.-Nat. Kl., Abt. 1, **128**(7-8): 612, 1919.

≡ *Metameris aspidiorum* (Lib.) Arx & E. Müll., Stud. Mycol. **9**: 80, 1975.
Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 2665 (fig. 129).

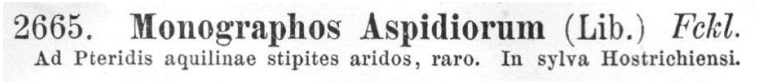

2665. **Monographos Aspidiorum** (Lib.) *Fckl.*
Ad Pteridis aquilinae stipites aridos, raro. In sylva Hostrichiensi.

Fig. 129

Xylographa hemisphaerica (Fr.) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **12**: no. 2673, 1874, [Jahrb. Nassauischen Vereins Naturk. **29-30**: 27 (1877-78) 1875].
≡ *Stictis hemisphaerica* Fr., Syst. mycol. **2**(1): 196, 1822, nom. sanct.
≡ *Odontotrema hemisphaericum* (Fr.) Rehm, Rabenh. Krypt.-Fl., Ed. 2, **1**.3(Lief. 30): 205, 1888.
≡ *Xylopezia hemisphaerica* (Fr.) Höhn., Ann. Mycol. **15**(5): 308, 1917.
≡ *Xylopezia hemisphaerica* (Fr.) Sherwood, in Sherwood-Pike & Boise, Brittonia **38**(1): 41, 1986, isonym.
≡ ***Exarmidium hemisphaericum*** (Fr.) Aptroot, Nova Hedwigia **66**(1-2): 138, 1998.
Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 2673 (fig. 130).


2673. **Xylographa hemisphaerica** (Fr.) *Fckl.*
Ad Pini Cembrae truncos aridos. Aestate. Ca. St. Moritz.

Fig. 130

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