

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).

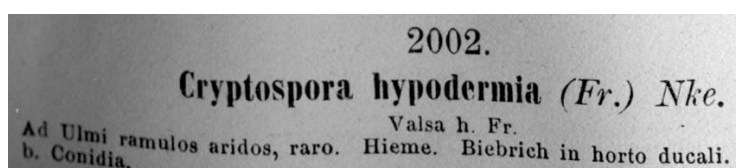


Fig. 1

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).

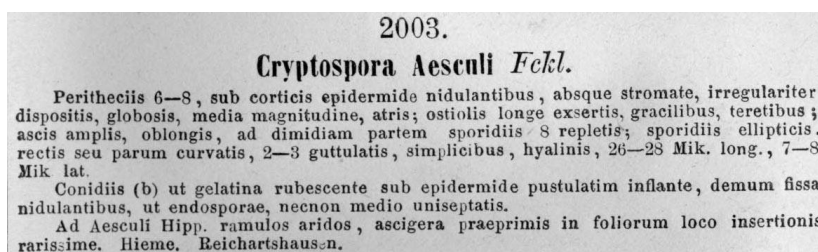


Fig. 2

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).

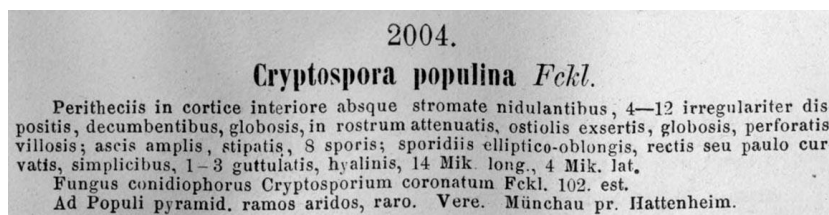


Fig. 3

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).



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).

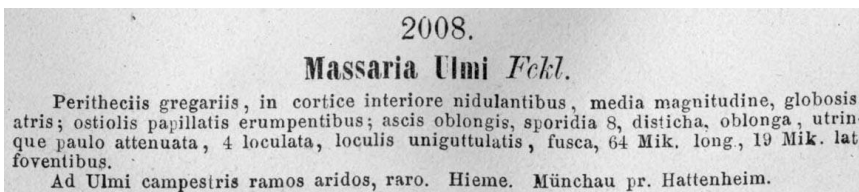


Fig. 5

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].

≡ *Ceratospaeria 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).

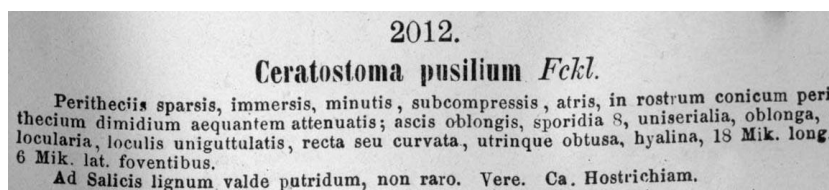


Fig. 6

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).

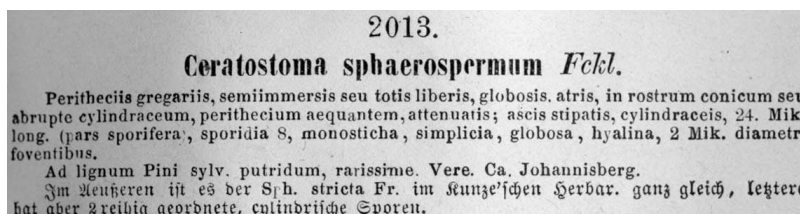


Fig. 7

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).

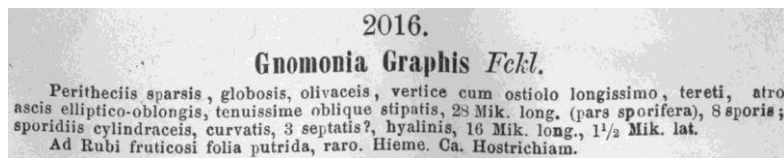


Fig. 8

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 "basonym", which is, however, an unpublished name, and he excluded *Sphaerella suspecta* Auersw.

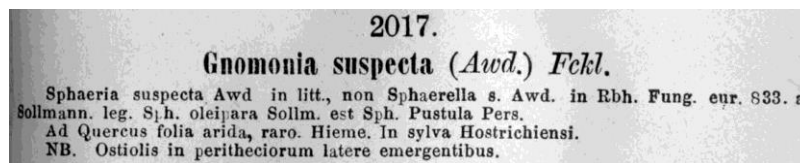


Fig. 9

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 illegitimate name published on the label of Fungi Rhen. Exs., Suppl., 2020 (fig. 10), later validated by Auerswald as *Gnomonia epilobii*.

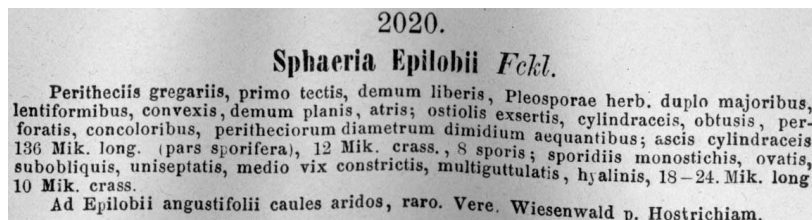


Fig. 10

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).



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).



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).

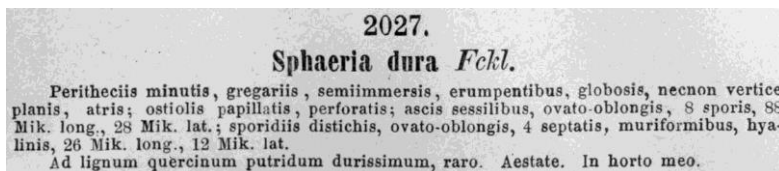


Fig. 13

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.

≡ *Pleospaerulina 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).

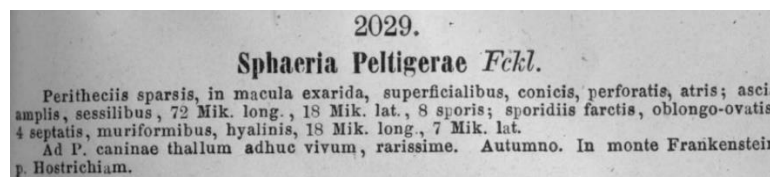


Fig. 14

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.

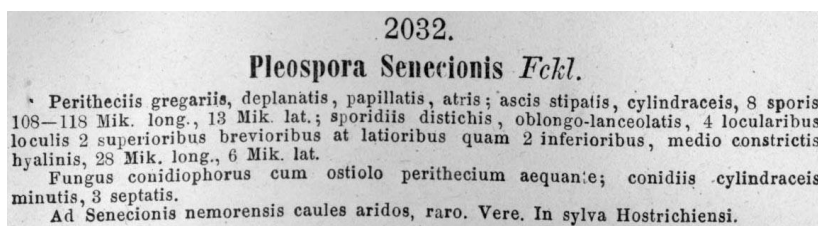


Fig. 15

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).

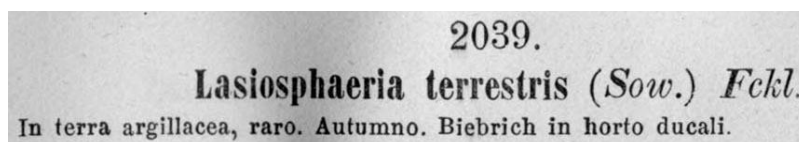


Fig. 16

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).

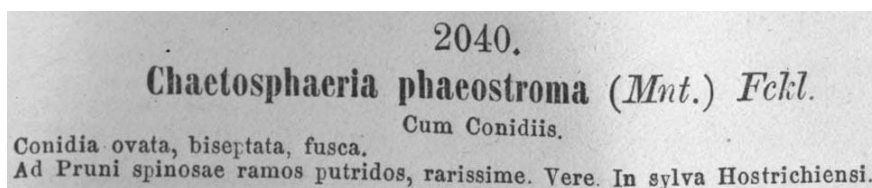


Fig. 17

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.

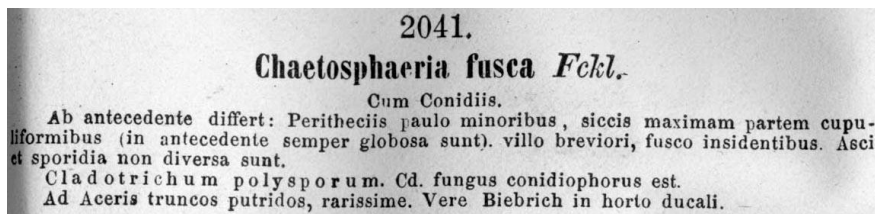


Fig. 18

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).

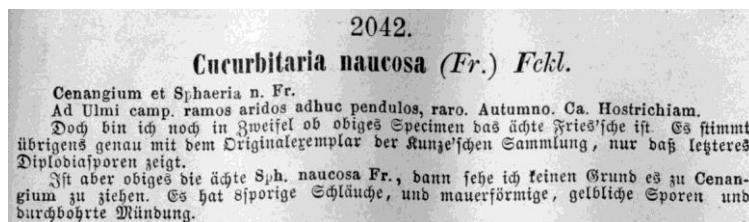


Fig. 19

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).

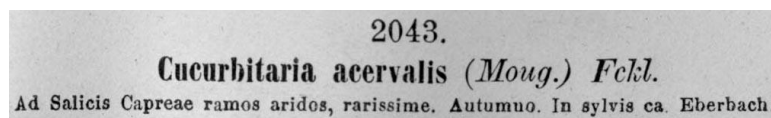


Fig. 20

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.

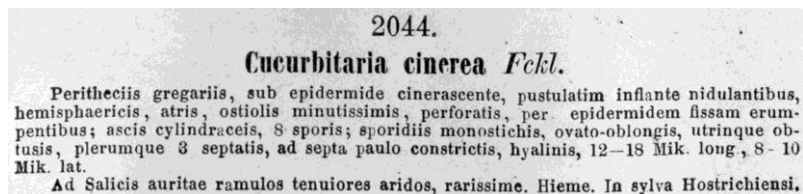


Fig. 21

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.

≡ *Hypoderma 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).

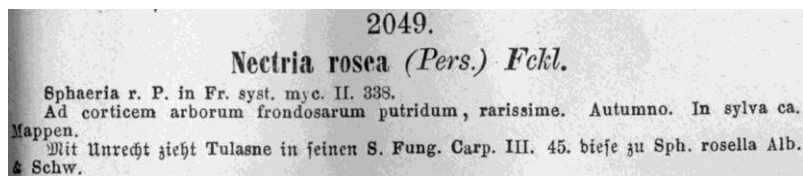


Fig. 22

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).

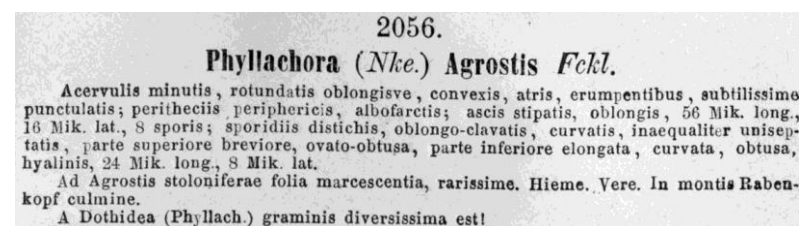


Fig. 23

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.



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).

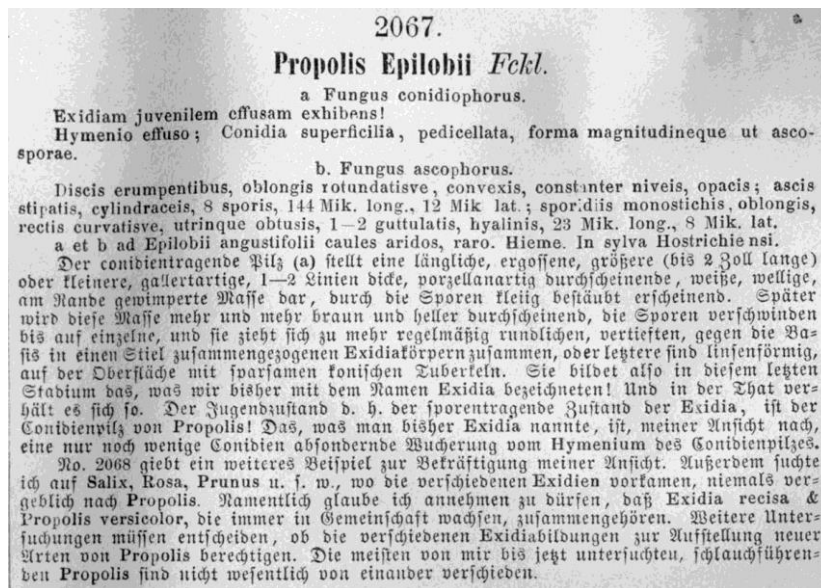


Fig. 25

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).



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 "*fuckelii*"), 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).

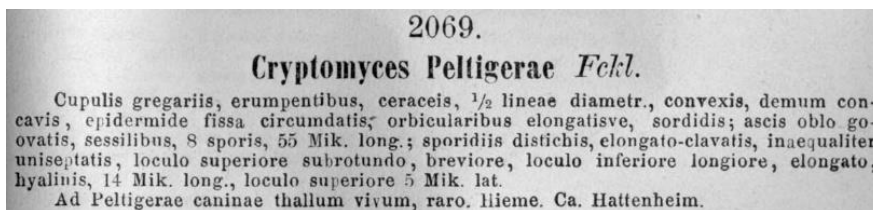


Fig. 27

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).

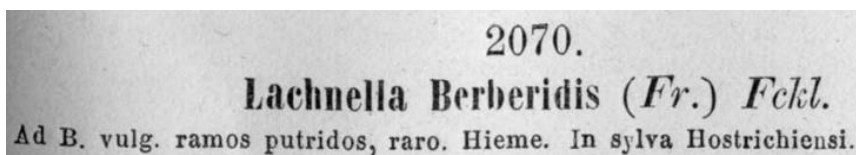


Fig. 28

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).

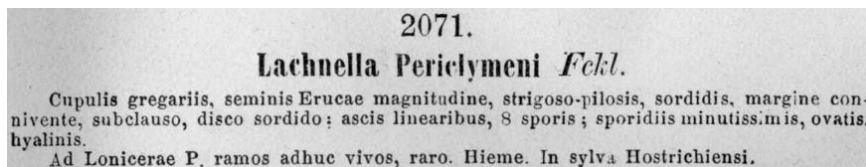


Fig. 29

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).

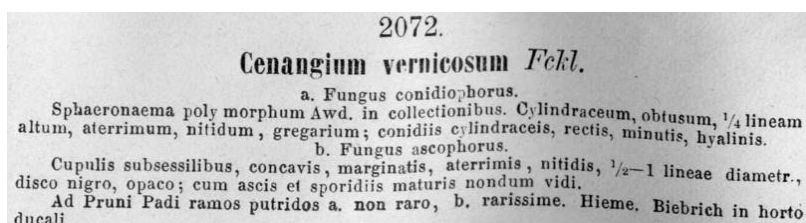


Fig. 30

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).



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).

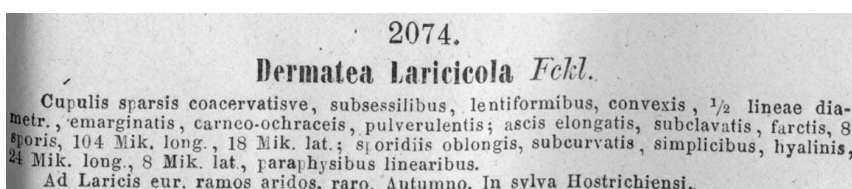


Fig. 32

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).

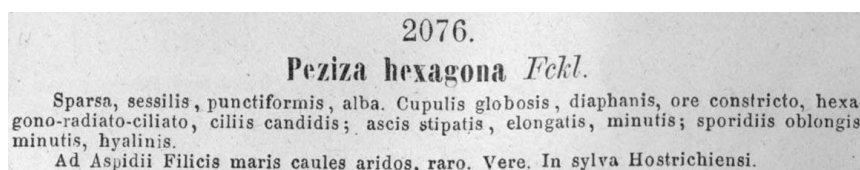


Fig. 33

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.

= *Antinoia 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).

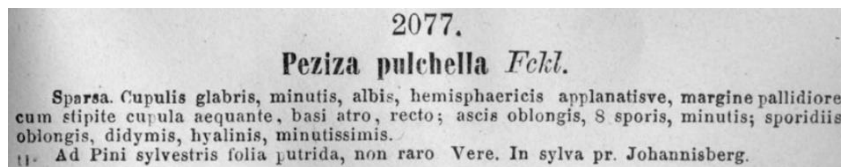


Fig. 34

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).

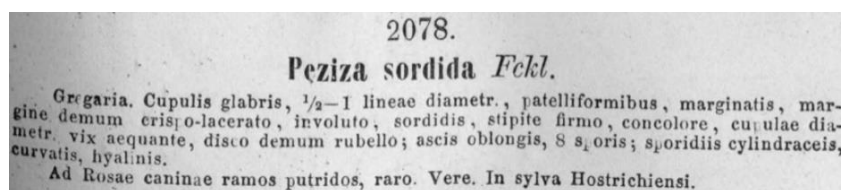


Fig. 35

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).



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).

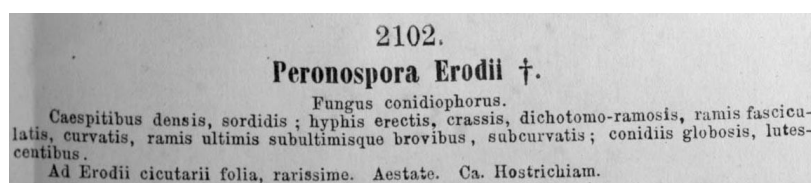


Fig. 37

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.

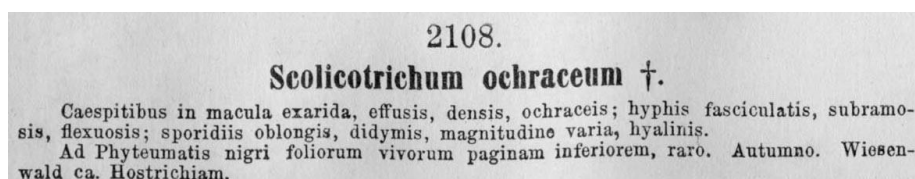


Fig. 38

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.

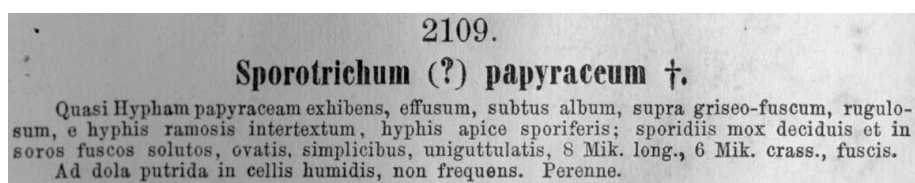


Fig. 39

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).

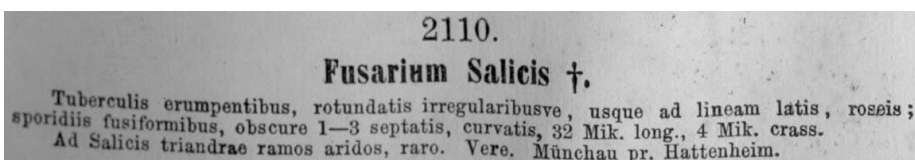


Fig. 40

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 caulicola* 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).

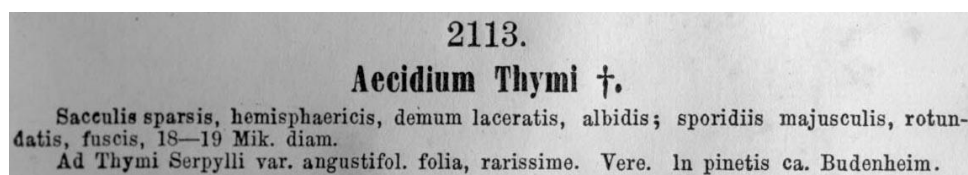


Fig. 41

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).

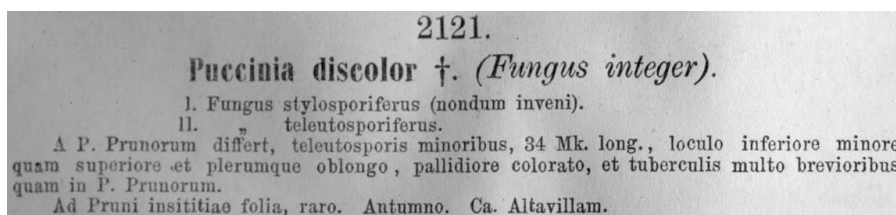


Fig. 42

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*.

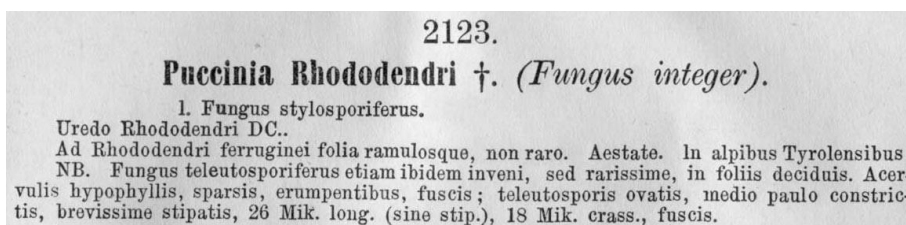


Fig. 43

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.

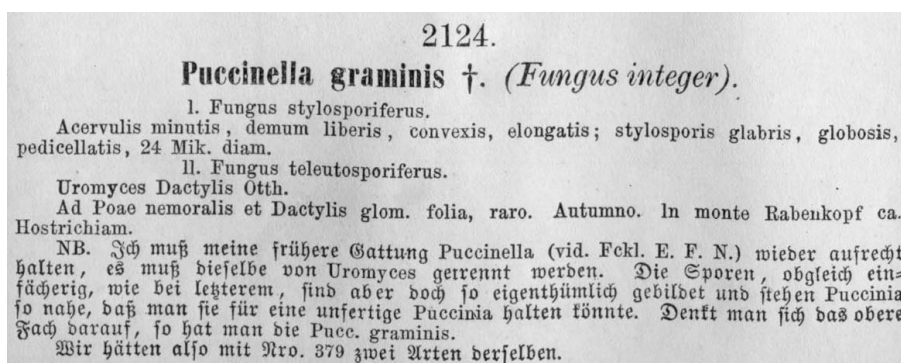


Fig. 44

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).

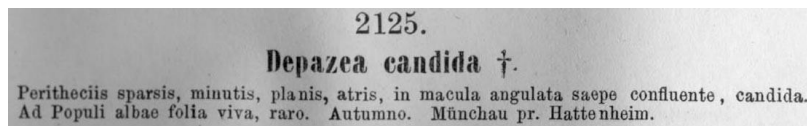


Fig. 45

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*.

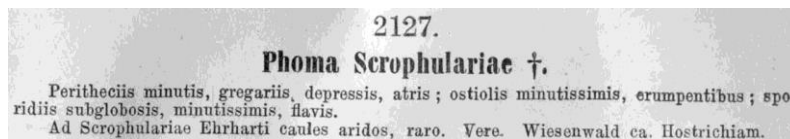


Fig. 46

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’s 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.

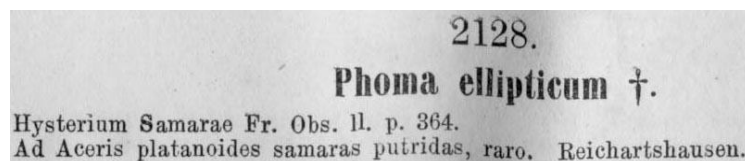


Fig. 47

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).

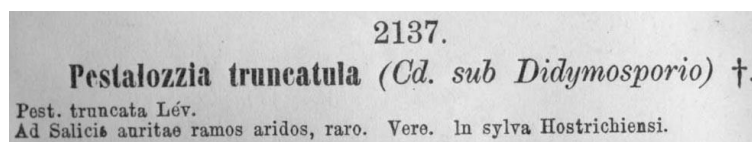


Fig. 48

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*.



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).

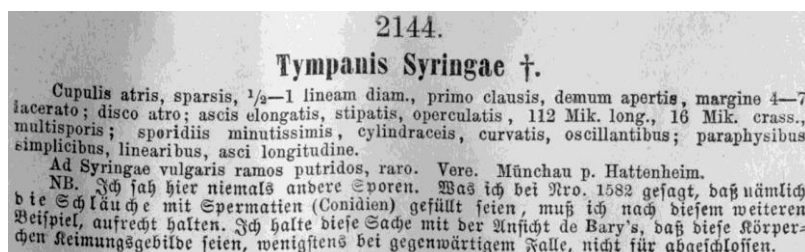


Fig. 50

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).

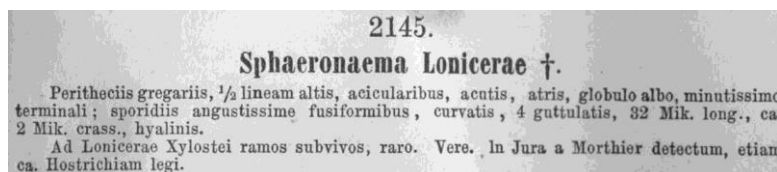


Fig. 51

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).



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).

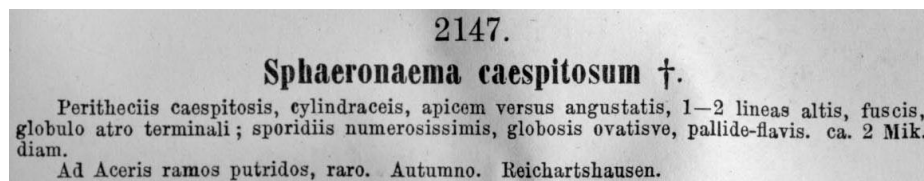


Fig. 53

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).

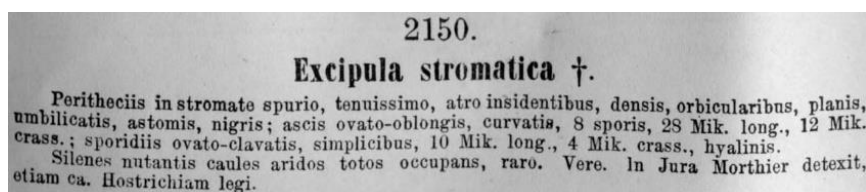


Fig. 54

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 petiolorum* (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*.

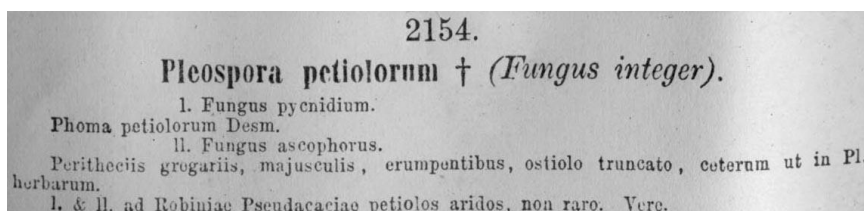


Fig. 55

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.



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).

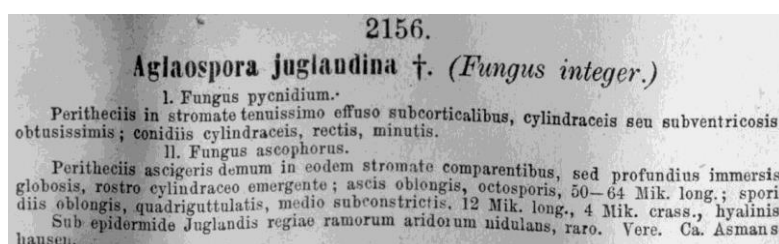


Fig. 57

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)].

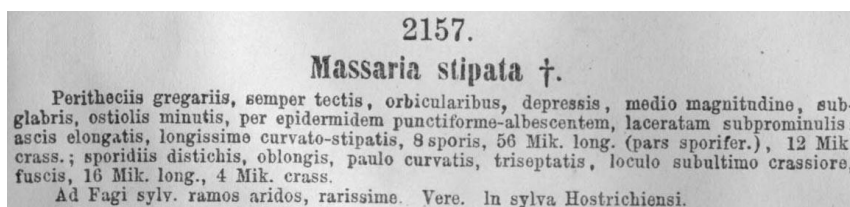


Fig. 58

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).

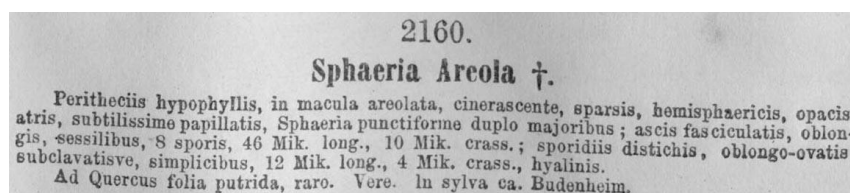


Fig. 59

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).

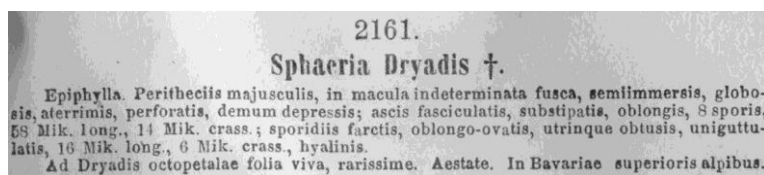


Fig. 60

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.

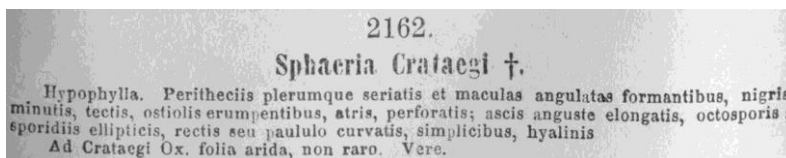


Fig. 61

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.



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).

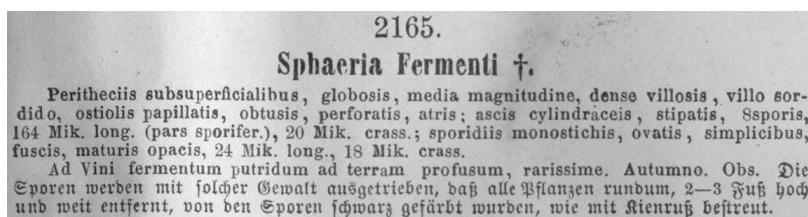


Fig. 63

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).

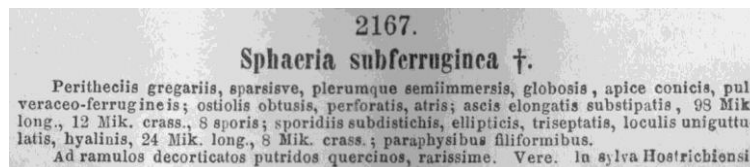


Fig. 64

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).

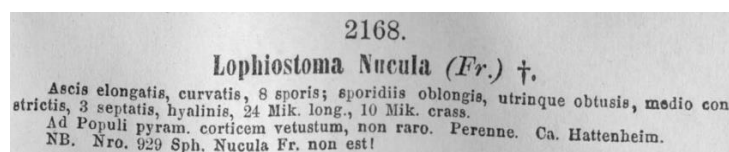


Fig. 65

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).

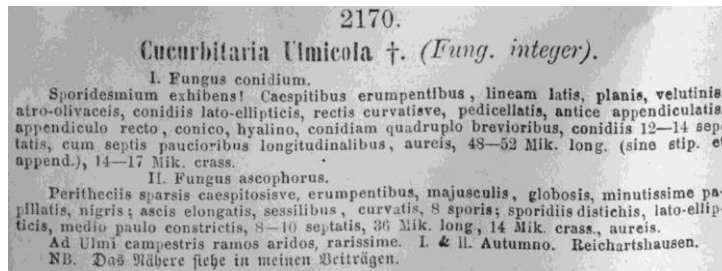


Fig. 66

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).

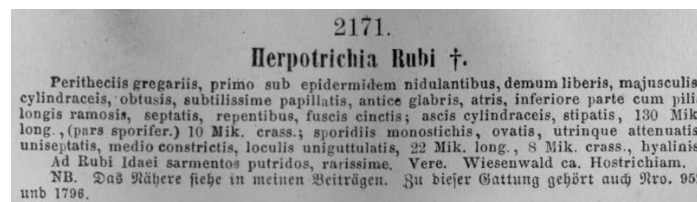


Fig. 67

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).

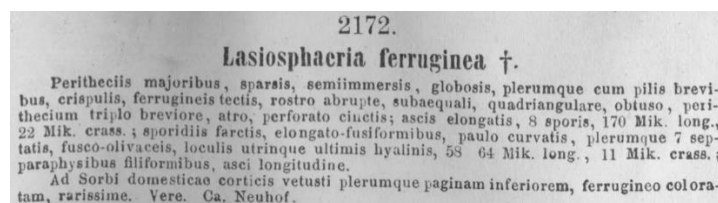


Fig. 68

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).

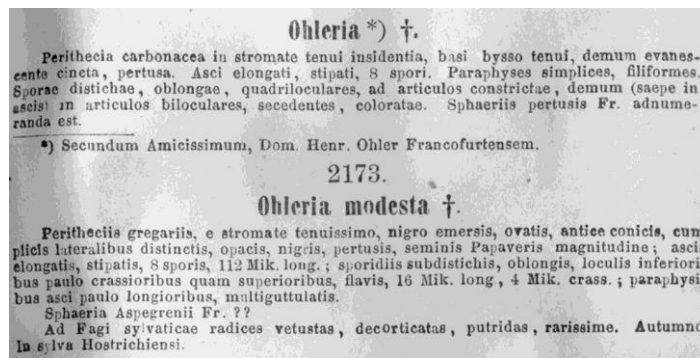


Fig. 69

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).

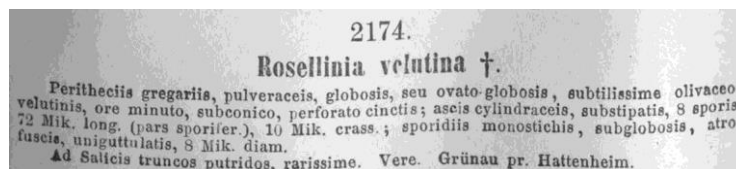


Fig. 70

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).



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).

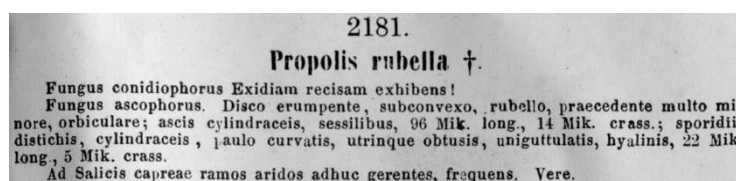


Fig. 72

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).

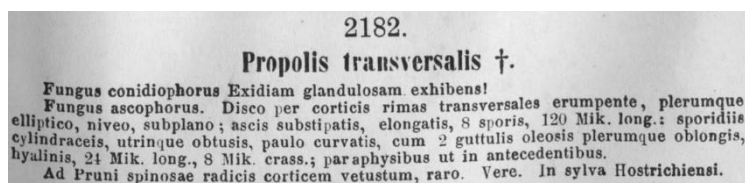


Fig. 73

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, 8 spori; 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, $\frac{1}{3}$ lineam diam., dein rugulosis, atterrimitis; ascis amplis, sessilibus, antice acuminatis, 8 sporis, 13 $\frac{1}{2}$ 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 campestribus 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, $\frac{1}{2}$ lineam diam., 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. Hosterichiam.

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).

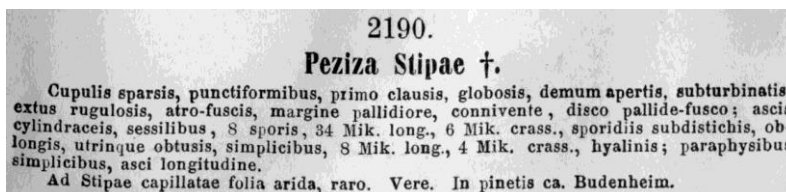


Fig. 78

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.

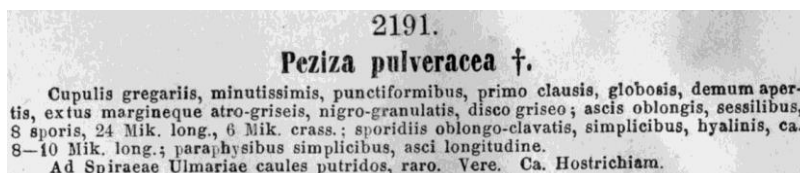


Fig. 79

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).

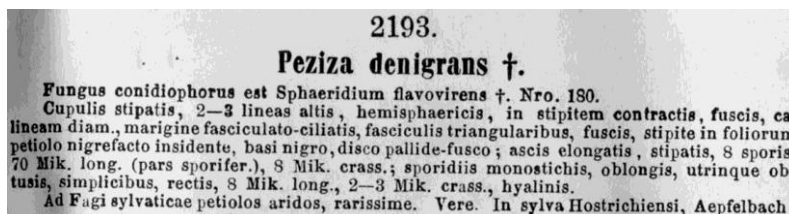


Fig. 80

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).

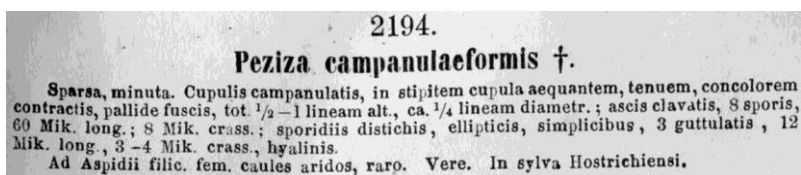


Fig. 81

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.

≡ *Calyptrella nivea* Quél. (as "(Fuckel) Quél."), 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).

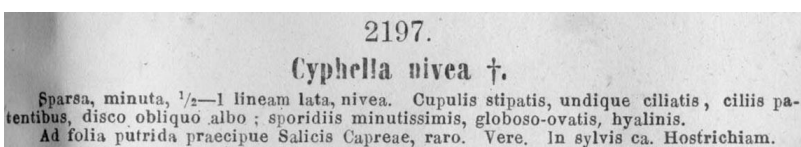


Fig. 82

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.

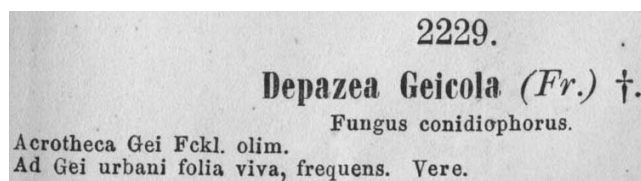


Fig. 83

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 be clarified by typification (see Shoemaker & Babcock (1989: 1544).

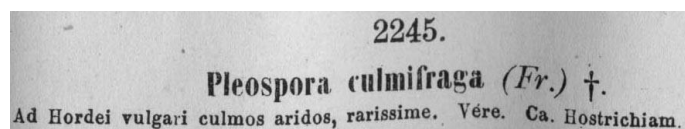


Fig. 84

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).

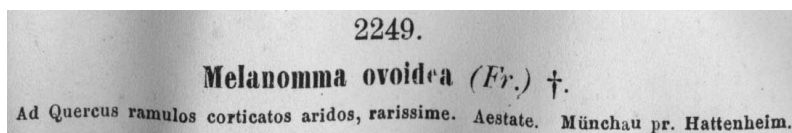


Fig. 85

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*.

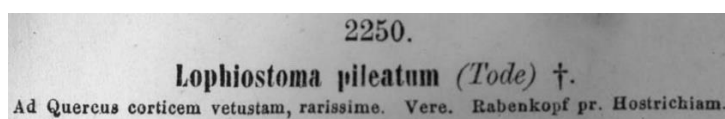


Fig. 86

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).

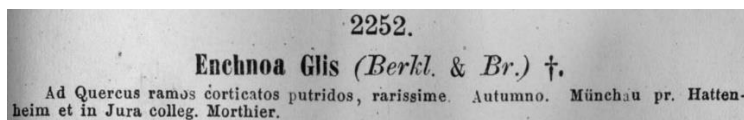


Fig. 87

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).

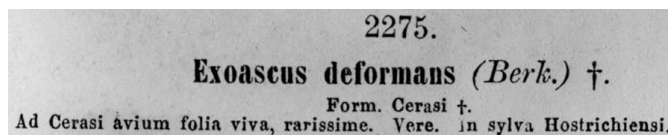


Fig. 88

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).

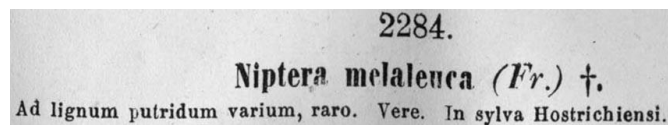


Fig. 89

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).

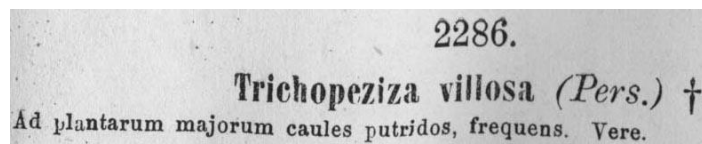


Fig. 90

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).

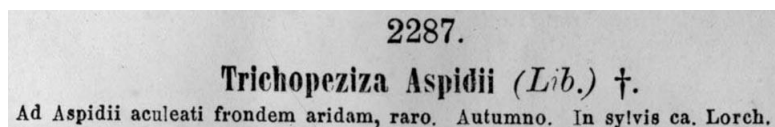


Fig. 91

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).

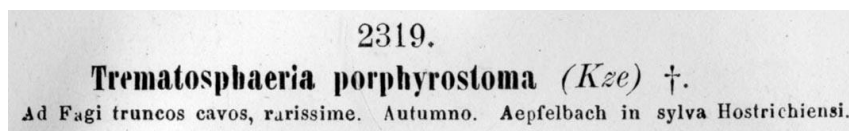


Fig. 92

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., 2320 (fig. 93). Jaklitsch & Voglmayr (2016) reduced *Prosthecium* to synonymy with *Stilbospora*. However, phylogenetic data are not yet available for *Prosthecium berkeleyi*.

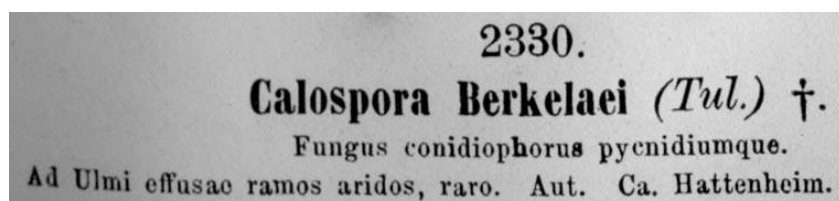


Fig. 93

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*.

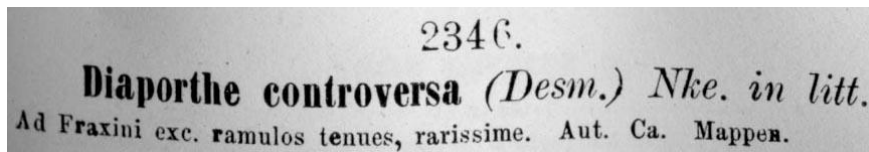


Fig. 94

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).



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) Quéf., 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. Mycol. **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).

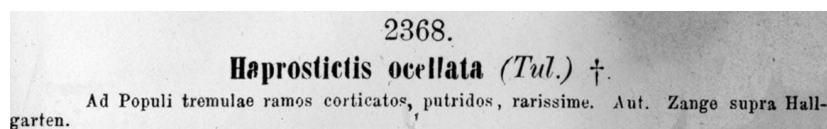


Fig. 96

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).

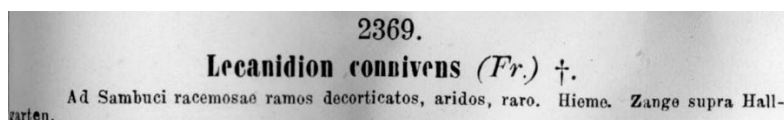


Fig. 97

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.) Qué!, Enchir. fung.: 319, 1886.

≡ *Clavisdisculum 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).

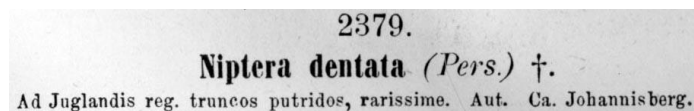


Fig. 98

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.

≡ *Bisporrella pallescens* (Pers.) S.E. Carp. & Korf, Mycotaxon **1**(1): 58, 1974.

[Full synonymy, see: <https://www.mycodb.fr/fiche.php?genre=Bisporrella&espece=pallescens>.]

Notes: This is a new combination at first validly published on the label of Fungi Rhen. Exs., Suppl., 2380 (fig. 99).

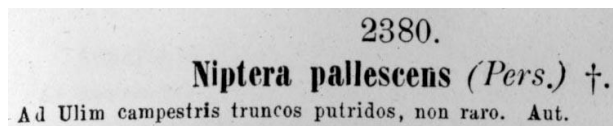


Fig. 99

Dasyscyphus flavofuliginus (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).

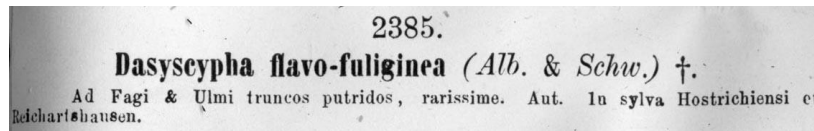


Fig. 100

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).

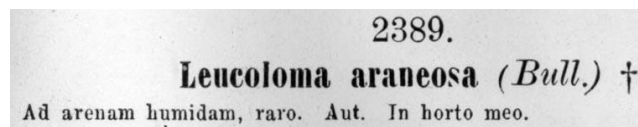


Fig. 101

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).

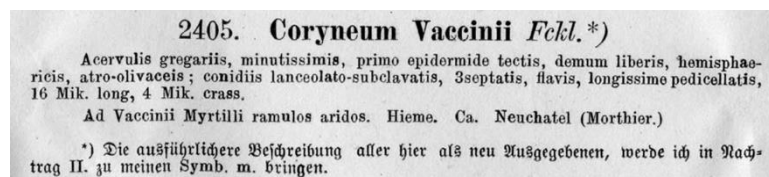


Fig. 102

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).

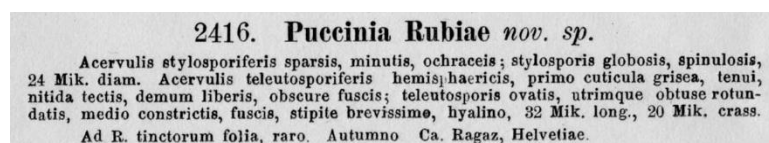


Fig. 103

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; stylosporibus 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; teleutosporibus 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; stylosporibus ovato-globosis, subtiliter spinulosis, 28 Mik. long., 24-26 Mik. crass. Acervulis teleutosporiferis primo cuticula tuberculata, atra, demum lacerata inclusis, opaco-fusco-nigris; teleutosporibus 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; stylosporibus plerumque ovatis obovatisque, raro magis elongatis, stipite nullo, subtilissime spinulosis, 25 Mik. long., 16 Mik. crass.

II. Acervulis teleutosporiferis linearibus, atris; teleutosporibus 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, fuscae limitatis, demum in foliis aridis lineari dispositis sparsive, 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).



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. Babco., 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).

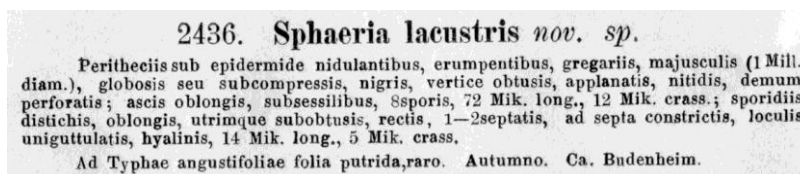


Fig. 109

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).



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, ostioliis prominulis, obtuso-cylindraceis, atris; ascis oblongo-elongatis, in stipitem attenuatis, 8 sporis, 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; stylosporibus 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, aeternum protractis, opaco-nigris; ascis stipitatis, cylindraceis, 8 sporis, 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 leucoconidiifusus 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 substromate ferrugineo, 1 lin. lat. nidulantibus, 1–4, majusculis, globosis, nigris, nucleo sordido, ostioliis demum in disco ferrugineo exsertis, sed brevibus, conicis, atris; ascis clavatis, in stipitem attenuatis, 8 sporis, 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; spermatibus cylindraceis, curvatis, 6 Mik. long., 1½ Mik. crass. Peritheciis ascigeris in cortice interiori, sine conceptaculo proprio nidulantibus, circumstantibus, 10–15, pro ratione majusculis, globoso-ovatis, decumbentibus, atris, disco minuto, orbiculari, candido, ab ostioliis non exsertis, minutissimis, punctiformibus, atris punctulato; ascis lanceolatis, 4 sporis, 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).

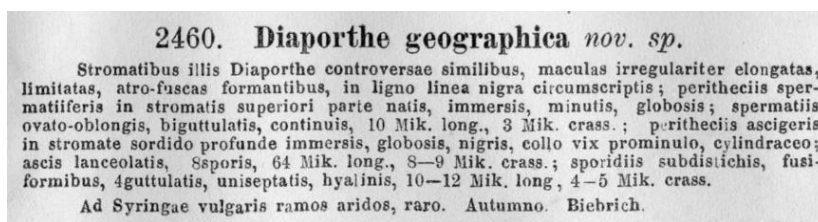


Fig. 115

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*.

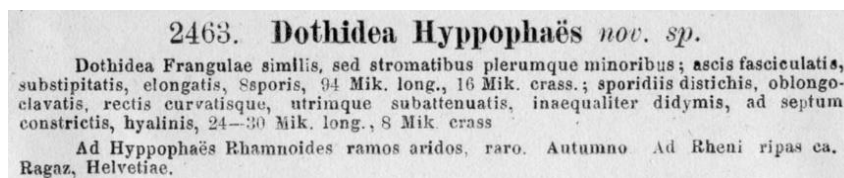


Fig. 116

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).

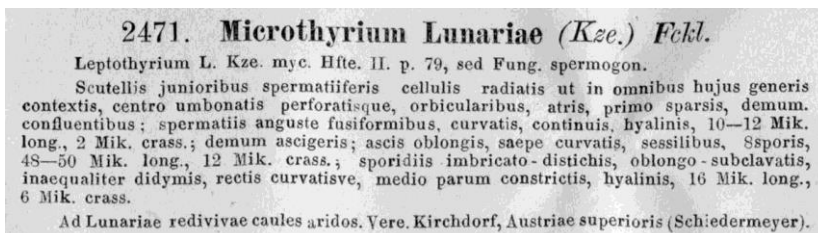


Fig. 117

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 nigrofatis 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, deinturbinatis, 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 Zailiiskogo 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).

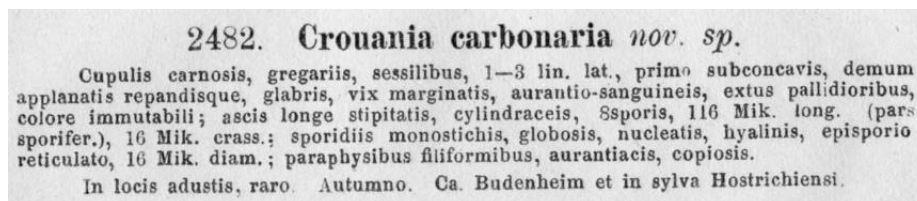


Fig. 121

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.) Quéf., 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 "*porioides*"), Revis. gen. pl. **3**(3): 483, 1898.

≡ *Stigmatolemma porioides* (Alb. & Schwein.) W.B. Cooke (as "*poroides*"), Mem. N.Y. Bot. Gard. **49**: 168, 1989.

= *Porothelium 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).

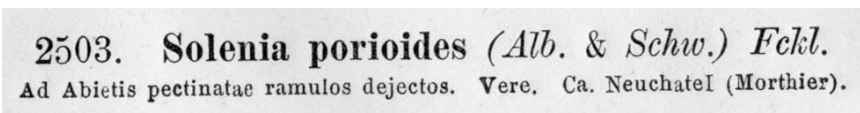


Fig. 122

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).

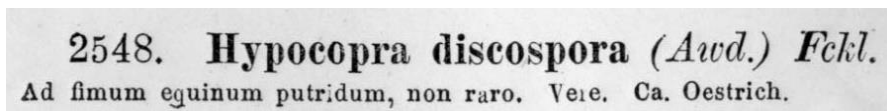


Fig. 123

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).

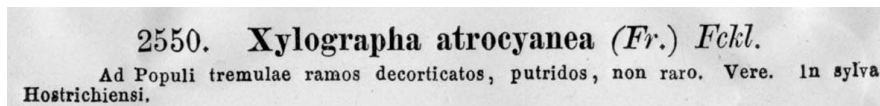


Fig. 124

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.

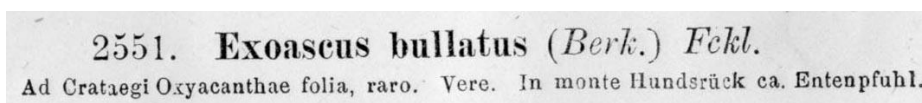


Fig. 125

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).

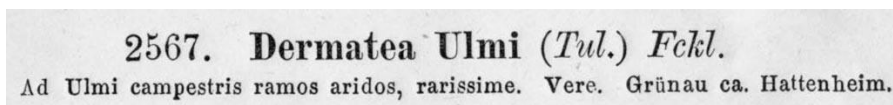


Fig. 126

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. *β 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 adopted 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. pyrenid.
 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.
 ≡ *Rhopoglyphus aspidiorum* (Lib.) Cooke, Grevillea **13**(67): 72, 1885.
 ≡ *Scirrhia aspidiorum* (Lib.) Bubák, Ber. Deutsch. Bot. Ges. **34**: 328, 1916.
 ≡ *Scirrhodothis aspidiorum* (Lib.) Höhn., Sitzungsber. 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 sylvâ 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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