

Annotated list of taxonomic novelties published in “Fungi Rhenani Exsiccati” Supplementi Fasc. 1 to 5, issued by K. W. G. L. Fuckel between 1865 and 1867

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Abstract: Braun, U. & Bensch, K. 2020: Annotated list of taxonomic novelties published in “Fungi Rhenani Exsiccati” Supplementi Fasc. 1 to 5, issued by K. W. G. L. Fuckel between 1865 and 1867. *Schlechtendalia* 37: 80–133.

New taxa and new combinations published by K.W.G.L. Fuckel in “Fungi Rhenani Exsiccati” Supplementi Fasc. 1 to 5 between 1865 and 1867 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. The new combinations *Glabrocyphella culmicola*, *Graphiothecium penicillatum* and *Thelonectria applanata* are introduced. *Nectria applanata* and *Fresenia penicillata* are lectotypified.

Zusammenfassung: Braun, U. & Bensch, K. 2020: Kommentierte Liste taxonomischer Neuheiten publiziert in “Fungi Rhenani Exsiccati” Supplementi Fasc. 1 bis 5, herausgegeben von K. W. G. L. Fuckel zwischen 1865 und 1867. *Schlechtendalia* 37: 80–133.

Neue Taxa und Kombinationen publiziert von K.W.G.L. Fuckel in “Fungi Rhenani Exsiccati” Supplementi Fasc. 1 bis 5 zwischen 1865 und 1867 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. Die neuen Kombinationen *Glabrocyphella culmicola*, *Graphiothecium penicillatum* und *Thelonectria applanata* werden eingeführt. *Nectria applanata* und *Fresenia penicillata* werden lectotypisiert.

Key words: Fungi, nomenclature, exsiccata, protologue, *Glabrocyphella culmicola*, *Graphiothecium penicillatum*, *Thelonectria applanata*.

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Introduction

Braun & Bensch (2019, 2020) 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. The present third treatment of taxonomic novelties published in Fuckel’s exsiccata encompasses new taxa and new combinations in Fasc. 1 to 5 (issued between 1865 and 1867) of his 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. 1 published in 1865, Fasc. 2–4 in 1866, and 5 in 1867]. 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 case 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 ICN, 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 as 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. 1

Peronospora schachtii Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1508, 1865 [Hedwigia 5(2): 24, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 71 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1508 (fig. 1).

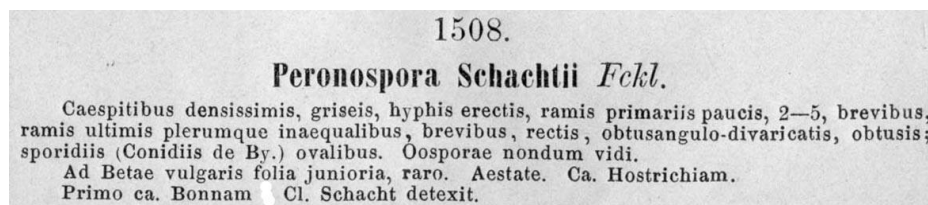


Fig. 1

Peronospora chrysosplenii Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1509, 1865 [Hedwigia 5(2): 24, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 69 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1509 (fig. 2).

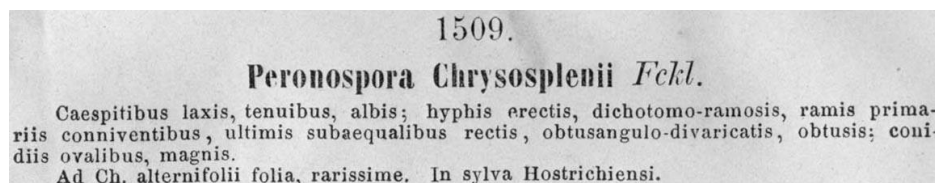


Fig. 2

Oidium valerianellae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1512, 1865 [Hedwigia 5(2): 24, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 358 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1512 (fig. 3).

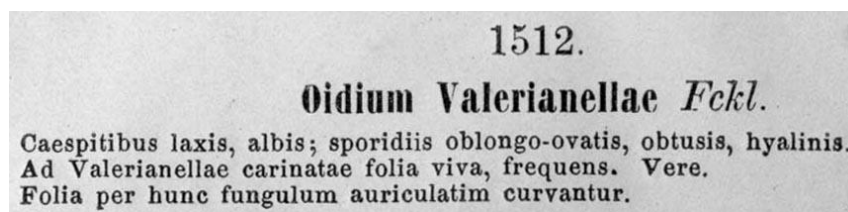


Fig. 3

Torula adnata Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1513, 1865 [Hedwigia 5(2): 24, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 348 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1513 (fig. 4).

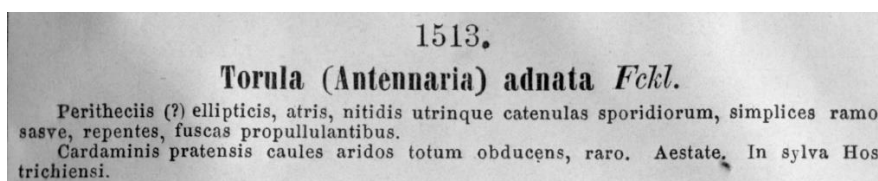


Fig. 4

Stemphylium paradoxum (Corda) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1515, 1865.
 ≡ *Sporidesmium paradoxum* Corda, Icon. fung. 2: 6, 1838.

≡ *Cometella paradoxa* (Corda) Fr., Summa Veg. Scand. 2: 506, 1849.

≡ *Coniosporium paradoxum* (Corda) E.W. Mason & S. Hughes, in Hughes, Mycol. Pap. 37: 16, 1951.

≡ ***Monodictys paradoxa*** (Corda) S. Hughes, Canad. J. Bot. 36: 786, 1958.

Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 1515 (fig. 5).

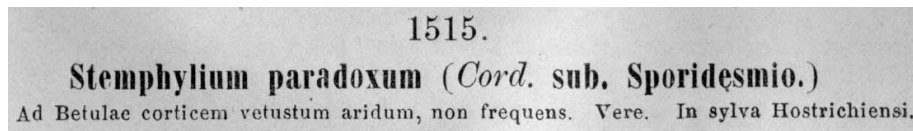


Fig. 5

Cercospora radiata Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1519, 1865 [Hedwigia 5(2): 24, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 354 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1519 (fig. 6).

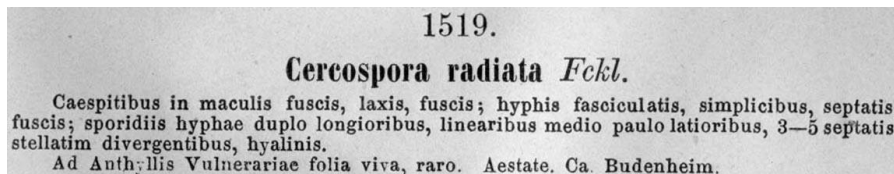


Fig. 6

Cercospora rhamni Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1520, 1865 [Hedwigia 5(2): 24, 1866].

≡ *Passalora rhamni* (Fuckel) U. Braun, Mycotaxon 55: 233, 1995.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1520 (fig. 7).

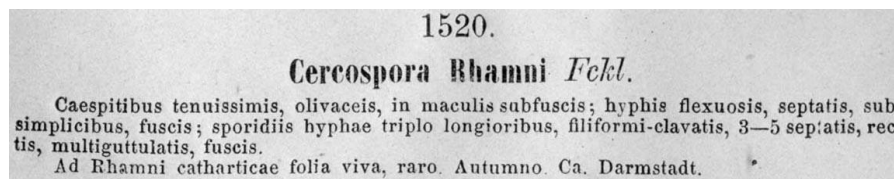


Fig. 7

Hadrotrichum Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1522, 1865 [Hedwigia 5(2): 24, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 221 (1869-70) 1870].

and

Hadrotrichum phragmitis Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1522, 1865 [Hedwigia 5(2): 24, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 221 (1869-70) 1870].

= *Sphaeria rimosa* Alb. & Schwein., Consp. fung.: 13, 1805.

≡ ***Scirrhia rimosa*** (Alb. & Schwein.) Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 221 (1869-70) 1870.

Notes: This is a new genus and new species validly published on the label of Fungi Rhen. Exs., Suppl., 1522 (fig. 8).

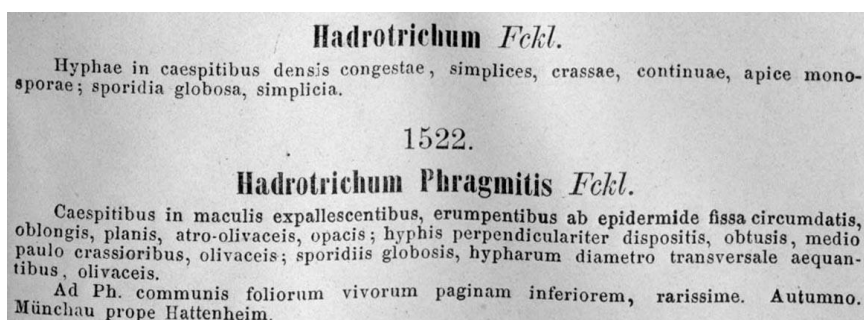


Fig. 8

Myriocephalum oblongum Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1525, 1865 [Hedwigia 5(2): 25, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 351 (1869-70) 1870].

≡ *Thyrsidium oblongum* (Fuckel) Sacc., Syll. fung. 3: 762, 1884.

≡ *Cheirospora oblonga* (Fuckel) Kuntze, Revis. gen. pl. 3(3): 457, 1898.

≡ *Endobotryella oblonga* (Fuckel) Höhn., Sitzungsber. Kaiserl. Akad. Wiss. Wien, Math.-Naturwiss. Cl., Abt. 1, 118: 1536, 1909.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1525 (fig. 9).

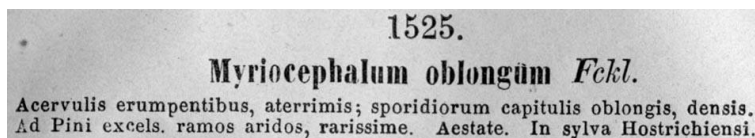


Fig. 9

Cryptocoryneum Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1527, 1865 [Hedwigia 5(2): 25, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 372 (1869-70) 1870].

and

Cryptocoryneum fasciculatum Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1527, 1865 [Hedwigia 5(2): 25, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 372 (1869-70) 1870].

= *Cryptocoryneum hysterioides* (Corda) Peyronel, Nuovo Giorn. Bot. Ital. 25: 449, 1918.

Notes: This is a new genus and new species validly published on the label of Fungi Rhen. Exs., Suppl., 1527 (fig. 10). The synonymy of *C. fasciculatum* follows Hashimoto et al. (2016).

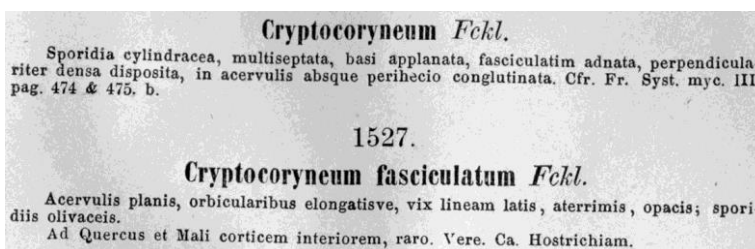


Fig. 10

Epicoccum effusum Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1529, 1865 [Hedwigia 5(2): 25, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 373 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1529 (fig. 11).

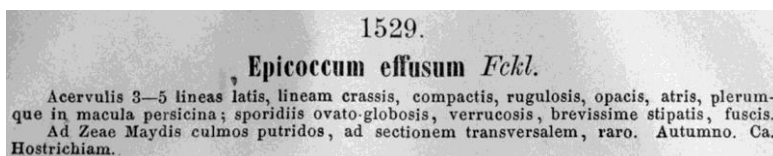


Fig. 11

Myrothecium ellipso sporium Fuckel ("Myriotheicum ellipsisporium"), Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1532, 1865 [Hedwigia 5(2): 25, 1866].

≡ *Hymenopsis ellipsospora* (Fuckel) Sacc., Syll. fung. 4: 745, 1886.

= *Fusarium cinctum* Corda, Icon. fung. 5: 80, 1842.

≡ *Myrothecium cinctum* (Corda) Sacc., Syll. fung. 4: 751, 1886.

≡ *Striaticonidium cinctum* (Corda) L. Lombard & Crous, Persoonia 36: 229, 2016.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1532 (fig. 12). The synonymy follows Tulloch (1972).

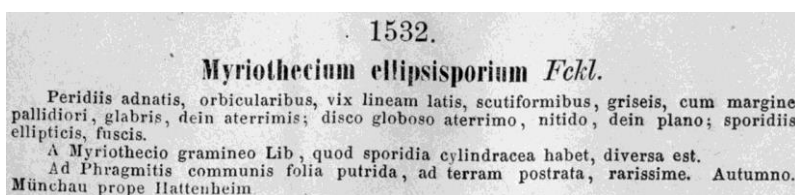


Fig. 12

Stysanus pallescens Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1536, 1865 [Hedwigia 5(2): 25, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 102 (1869-70) 1870].

≡ *Harpographium pallescens* (Fuckel) Magnus, Hedwigia 44: 374, 1905.

≡ *Graphium pallescens* (Fuckel) Magnus, Hedwigia 44: 375, 1905.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1536 (fig. 13).

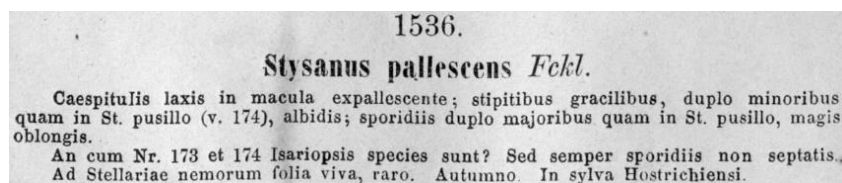


Fig. 13

Fresenia Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1537, 1865 [Hedwigia 5(2): 25, 1866], nom. illegit., Art. 53.1, non *Fresenia* DC. 1836 (*Compositae*).

≡ *Graphiothecium* Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 366, (1869-70) 1870.

and

Fresenia penicillata Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1537, 1865 [Hedwigia 5(2): 25, 1866]. Lectotype (designated here, MycoBank, MBT394583): Germany, Rheinland-Pfalz, Landkreis Mainz-Bingen, Budenheim, undated, on dead leaves of *Viburnum lantana*, Fuckel, Fungi Rhen. 1537 (HAL, s.n.).

≡ *Graphiothecium fresenii* Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 366, (1869-70) 1870.

≡ *Graphiothecium penicillatum* (Fuckel) U. Braun & Bensch **comb. nov.**

MycoBank, MB837902.

[Basionym: *Fresenia penicillata* Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1537, 1865.]

Notes: *Fresenia* is an illegitimate genus name published on the label of Fungi Rhen. Exs., Suppl., 1537 (fig. 14). The species name *F. penicillata* is legitimate, although published under an illegitimate genus name (Art. 55.1). Fuckel (1870: 366) introduced the genus name *Graphiothecium* and cited Fungi Rhen. 1537 in the protologue, although *Fresenia* and *F. penicillata* were not listed. *Graphiothecium* could either be considered a replacement name or a new taxon (Art. 58.1). However, Fuckel (l.c.) introduced the two new names just based on Fungi Rhen. 1537. Thus, *Graphiothecium* should be considered a replacement name. Braun (1993) published a taxonomic treatment of *Graphiothecium*, including detailed descriptions of the genus and of *G. fresenii*, illustrations, and lectotypified the latter name by Fungi Rhen. 1537 deposited at HAL (s.n.). However, the correct name for a species has to be based on the earliest legitimate name on the corresponding rank (Art. 11.4), which is, in this case, the legitimate name *Fresenia penicillata*.

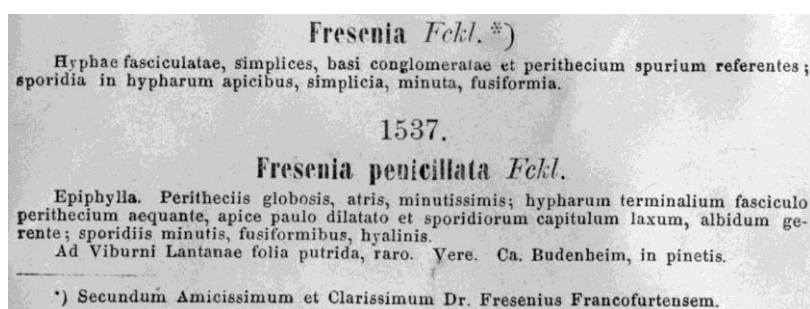


Fig. 14

Ceratitium mali (Schumach.) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1545, 1865, nom. inval. (Art. 35.1).

≡ *Aecidium mali* Schumach., Enum. pl. 2: 222, 1803.

Notes: This is an invalid new combination published on the label of Fungi Rhen. Exs., Suppl., 1545 (fig. 15). The genus name *Ceratitium* Rabenh. is invalid [nom. inval., Art. 36.1(b)].

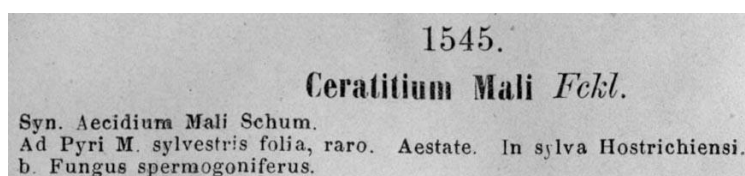


Fig. 15

Physoderma sagittariae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1549, 1865 [Hedwigia 5(2): 26, 1866].

≡ *Protomyces sagittariae* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 75 (1869-70) 1870.

≡ *Doassansia sagittariae* (Fuckel) C. Fisch, Ber. Deutsch. Bot. Ges. 2: 405, 1884.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1549 (fig. 16). The combination *Doassansia sagittariae* was published by Fisch (1884). On page 415, Fisch (l.c.) cited Fuckel in brackets, i.e., he based his new combination on *Physoderma sagittariae* Fuckel as basionym, and not on *Uredo sagittariae* Westend., as sometimes assumed. Furthermore, the name of this combination has previously often been cited as "F.C. Fisch." (F. C. Fischer), which is, however, wrong, C. Fisch being the correct name of this author.

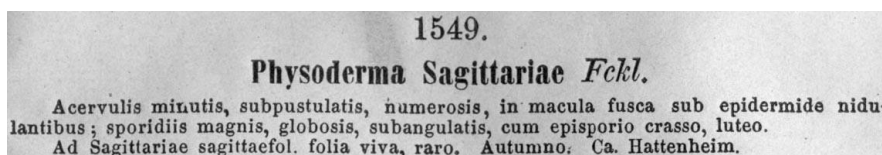


Fig. 16

Ascochyta maculans Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1553, 1865 [Hedwigia 5(2): 26, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 386 (1869-70) 1870].

= *Asteromella hederæ* C. Massal., Atti Ist. Veneto Sci. Lett. Arti, Sér. 8, 59(2): 684, 1900.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1553 (fig. 17). Mel'nik (1977) reduced *Ascochyta maculans* to synonymy with *Asteromella hederæ*, which is a recognised species of *Asteromella* (see Ruszkiewicz-Michalska 2016).

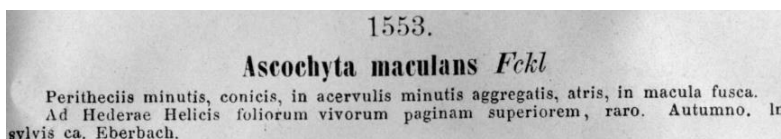


Fig. 17

Ascochyta ebuli Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1554, 1865 [Hedwigia 5(2): 26, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 386 (1869-70) 1870].

≡ *Phyllosticta ebuli* (Fuckel) Sacc., Syll. fung. 3: 57, 1884.

≡ *Asteromella ebuli* (Fuckel) Moesz ex Bat. & Peres, Brotéria, N.S. 14: 14, 1961.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1554 (fig. 18). Mel'nik (1977) cited *Ascochyta ebuli* as synonym of *Phyllosticta ebuli* as accepted name. This species is now a recognised species within *Asteromella* (see Ruszkiewicz-Michalska 2016).

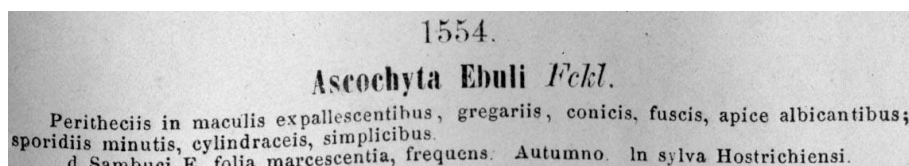


Fig. 18

Ascochyta senecionis Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1555, 1865 [Hedwigia 5(2): 26, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 386 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1555 (fig. 19). The status of this name is quite unclear. Mel'nik (1977) emphasized that examined duplicates of the type material of *A. senecionis* did not contain any conidiomata belonging to *Ascochyta*.

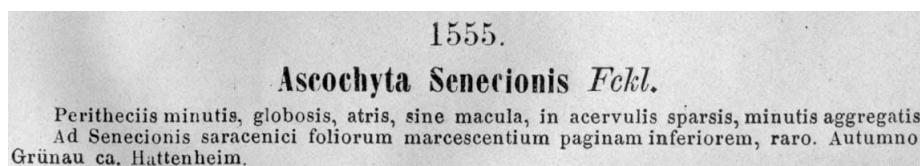


Fig. 19

Septoria sparsa Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1557, 1865 [Hedwigia 5(2): 26, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 390 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1557 (fig. 20).

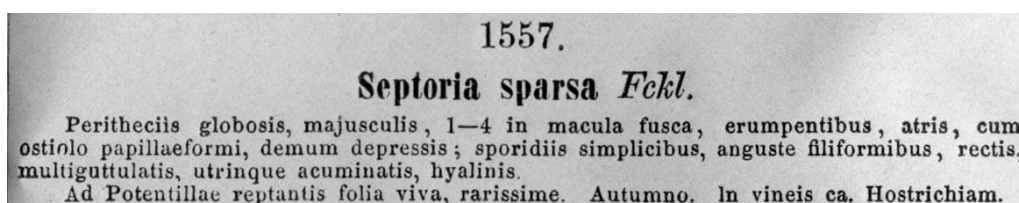


Fig. 20

Asteroma alliariae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1558, 1865 [Hedwigia 5(2): 26, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 385 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1558 (fig. 21).

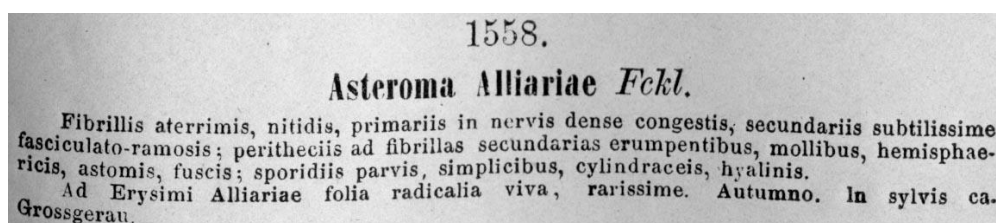


Fig. 21

Stigmatea subtilis Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1562, 1865 [Hedwigia 5(2): 26, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 96 (1869-70) 1870].

≡ *Venturia subtilis* (Fuckel) Sacc., Syll. fung. 1: 594, 1882.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1562 (fig. 22).

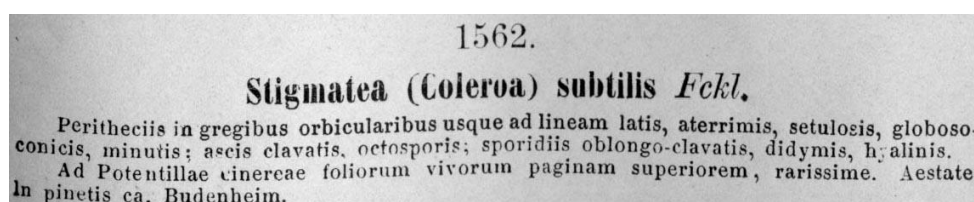


Fig. 22

Rhaphidospora pellita (Fr.) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1568, 1865 [Jahrb. Nassauischen Vereins Naturk. 23-24: 125 (1869-70) 1870].

≡ *Sphaeria pellita* Fr., Syst. mycol. 2(2): 503, 1823.

≡ *Sphaerolina pellita* (Fr.) Fuckel, Jahrb. Nassauischen Vereins Naturk. 15: 77, 1860.

[Full synonymy, see: <http://www.speciesfungorum.org/Names/SynSpecies.asp?RecordID=201737> and <https://www.mycobank.org/MB/201737>.]

Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 1568 (fig. 23). *Ophiobolus pellitus* Sacc. (as "(Fuckel) Sacc."), Syll. fung. 2: 352, 1883 was based on Fuckel's description of *Sphaerolina pellita* and *Rhaphidospora pellita* and his interpretation of this taxon, but under exclusion of *Sphaeria pellita*, the basionym of these combinations, and thus

Ophiobolus pellitus constitutes a separate species of its own, which does not pertain into the synonymy of *Sphaeria pellita*.

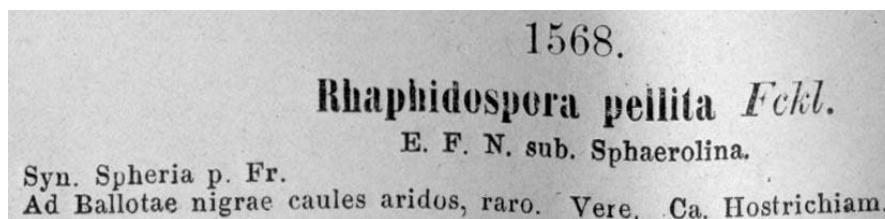


Fig. 23

Psilotheceum Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1571, 1865 [Hedwigia 5(2): 26, 1866]. and

Psilotheceum innumerabile Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1571, 1865 [Hedwigia 5(2): 26, 1866].

Notes: This is a new genus and new species validly published on the label of Fungi Rhen. Exs., Suppl., 1571 (fig. 24). Fuckel (1870) cited *Psilotheceum innumerabile* as spermogonial synonymy of *Myriocarpa cytisi* Fuckel.

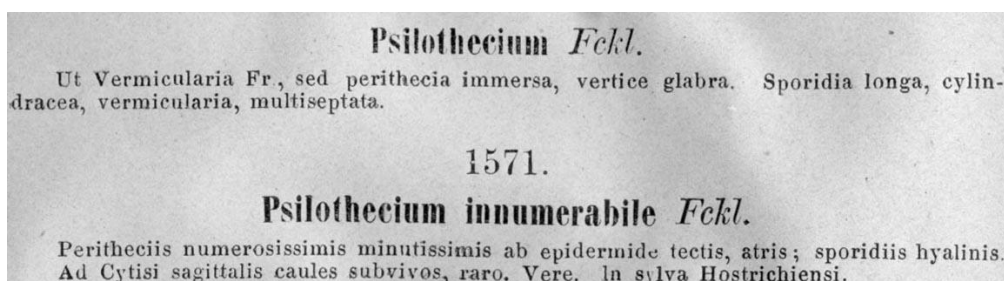


Fig. 24

Chaetomium paucisetum Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1572, 1865 [Hedwigia 5(2): 27, 1866].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1572 (fig. 25).

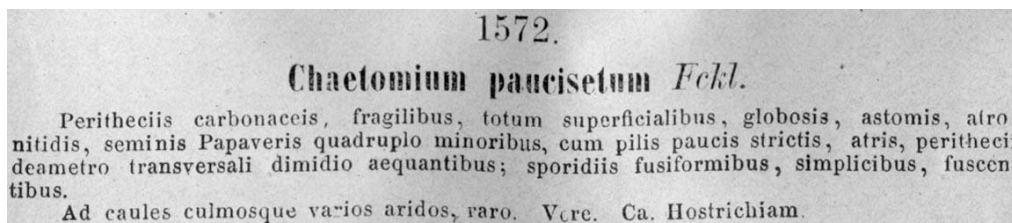


Fig. 25

Sphaeria perpusilla Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1574, 1865, [Hedwigia 5(2): 27, 1866], nom. illegit., Art. 53.1, non *Sphaeria perpusilla* Desm., 1846 (fig. 26).

≡ *Sphaerella oenanthicola* Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 102 (1869-70) 1870.

≡ *Laestadia oenanthicola* (Fuckel) Sacc., Syll. fung. 1: 431, 1882.

≡ *Carlia oenanthicola* (Fuckel) Kuntze, Revis. gen. pl. 2: 846, 1891.

Notes: This is an illegitimate species published on the label of Fungi Rhen. Exs., Suppl., 1574 (fig. 26).

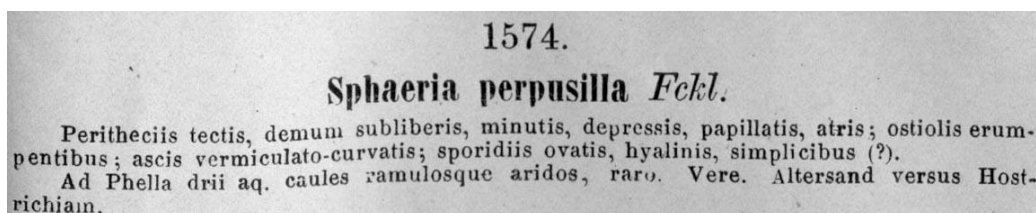


Fig. 26

Sphaeria turba Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1577, 1865 [Hedwigia 5(2): 27, 1866].
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1577 (fig. 27).

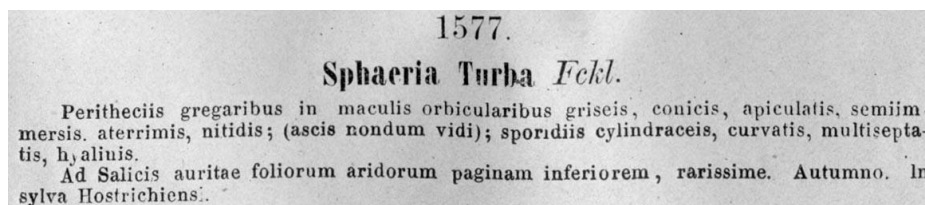


Fig. 27

Sphaeria graminicola Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1578, 1865 [Hedwigia 5(2): 27, 1866], nom. illegit., Art. 53.1, non *Sphaeria graminicola* Berk., 1838 (fig. 28).

≡ *Sphaerella graminicola* Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 101 (1869-70) 1870.

≡ *Zymoseptoria tritici* (Roberge ex Desm.) Quaedvl. & Crous, in Quaedvlieg et al., Persoonia 26: 67, 2011.

[Full synonymy, see: <http://www.speciesfungorum.org/Names/SynSpecies.asp?RecordID=517926> and <https://www.mycobank.org/MB/517926>].

Notes: This is an illegitimate name published on the label of Fungi Rhen. Exs., Suppl., 1578 (fig. 28).

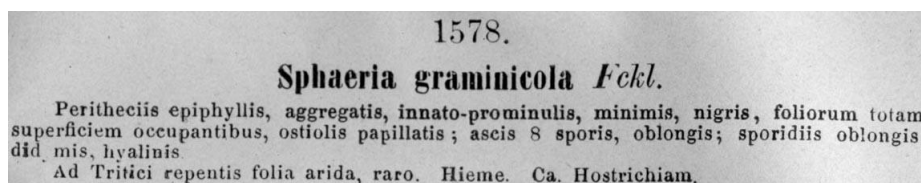


Fig. 28

Nectria applanata Fuckel, Hedwigia 5(2): 27, 1866. Lectotype (designated here, MycoBank, MBT394584): Germany, Rheinland-Pfalz, Rhein-Neckar-Kreis, Weinheim, undated, on rotten bark of *Alnus glutinosa*, distributed as “*Nectria discophana* Mont.”, Fuckel, Fungi Rhen. Exs., Suppl., Fasc. 1, no. 1581 (HAL, s.n.).

≡ *Thelonectria applanata* (Fuckel) U. Braun & Bensch **comb. nov.**

MycoBank, MB837903.

[Basonym: *Nectria applanata* Fuckel, Hedwigia 5(2): 27, 1866.]

= *Nectria mammoidea* W. Phillips & Plowr., Grevillea 3(27): 126, 1875.

≡ *Cucurbitaria mammoidea* (W. Phillips & Plowr.) Kuntze (as “*mammodea*”), Revis. gen. pl. 3(3): 461, 1898.

≡ *Creonectria mammoidea* (W. Phillips & Plowr.) Seaver, Mycologia 1(5): 188, 1909.

≡ *Thelonectria mammoidea* (W. Phillips & Plowr.) C. Salgado & R.M. Sánchez, in Salgado-Salazar et al., Fungal Diversity 70: 15, 2014.

= *Nectria mammoidea* var. *rugulosa* Weese, Sitzungsber. Akad. Wiss. Wien, Math.-Naturw. Kl., Abt. 1, 125(7-8): 552, 1916.

= *Nectria mammoidea* var. *minor* Reinking, Zentralbl. Bakteriell., 2. Abt., 94: 135, 1936.

Notes: Fuckel (1866: 27) introduced the name *Nectria applanata*, based on “Fuckel, Fungi Rhen. 1581”. This collection was distributed under the name *Nectria discophora*. Later, he maintained this collection as *N. discophora* (Fuckel 1871: 180). The identity of “Fuckel, Fungi Rhen. 1581” was clarified by Höhnelt & Weese (1910: 465) and Booth (1959) and identified as *Nectria mammoidea*.

Fuckel (1871: 310) described the homonymous name *Nectria applanata* Fuckel, based on “Fuckel, Fungi Rhen. 2356”. Gräfenhan et al. (2011: 108) introduced the new name *Stylonectria carpinii* based on *N. applanata* published by Fuckel (1871) and designated a duplicate of “Fuckel, Fungi Rhen. 2356” as lectotype. This replacement name was introduced due to the already existing *Stylonectria applanata* Höhn., 1815. But it is also a new name replacing the illegitimate name *Nectria applanata* Fuckel, 1871 (non Fuckel, 1866):

Nectria applanata Fuckel, Jahrb. Nassauischen Vereins Naturk. 25-26: 310 (1871-72) 1871, nom. illeg. (Art. 53.1), non Fuckel, 1866.

≡ *Cucurbitaria applanata* Kuntze (as “(Fuckel) Kuntze”), Revis. gen. pl. 3(3): 460 1898, nom. nov.

≡ *Dialonectria applanata* (Kuntze) Petch (as “(Fuckel) Petch”), Trans. Brit. Mycol. Soc. **25**(2): 170, 1941.

≡ *Stylonectria carpini* Gräfenhan, in Gräfenhan et al., Stud. Mycol. **68**: 108, 2011.

Nectria coryli Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **1**: no. 1582, 1865 [Hedwigia 5(2): 27, 1866; Jahrb. Nassauischen Vereins Naturk. **23-24**: 180 (1869-70) 1870].

≡ *Thyronectria coryli* (Fuckel) Jaklitsch & Voglmayr, Persoonia **33**: 199, 2014.

[Full synonymy, see: <http://www.speciesfungorum.org/Names/SynSpecies.asp?RecordID=808298> and <https://www.mycobank.org/MB/808298>].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1582 (fig. 29).

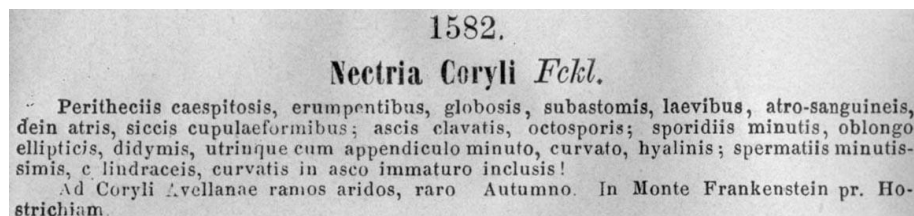


Fig. 29

Coronophora angustata Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **1**: no. 1584, 1865 [Hedwigia 5(2): 27, 1866; Jahrb. Nassauischen Vereins Naturk. **23-24**: 229 (1869-70) 1870].

≡ *Calosphaeria angustata* (Fuckel) Nitschke, Pyrenomyc. Germ. **1**: 105, 1867.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1584 (fig. 30).

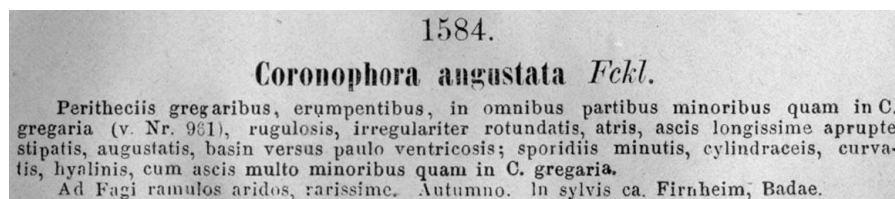


Fig. 30

Endothia sordida (Berk. & Broome) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **1**: no. 1586, 1865 [Hedwigia 5(2): 28, 1866].

≡ *Diatrype sordida* Berk. & Broome, Ann. Mag. Nat. Hist., Ser. 3, **3**: 364, 1859.

Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 1586 (fig. 31).

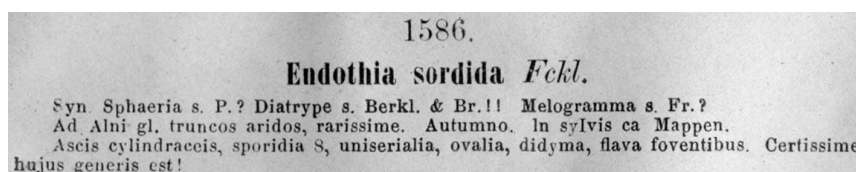


Fig. 31

Dothidea petiolicola Fuckel, Fungi Rhen. Exs., Suppl. Fasc. **1**: no. 1587, 1865 [Hedwigia 5(2): 28, 1866].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1587 (fig. 32). Fuckel (1870: 379) cited *Dothidea petiolicola* as synonym under *Darluca bivonae* Fuckel, which is a superfluous, illegitimate name (Art. 52.1), since he cited *Sphaeria filum* Biv., 1815, and *Dothidea petiolicola* Fuckel, 1865, as synonyms.

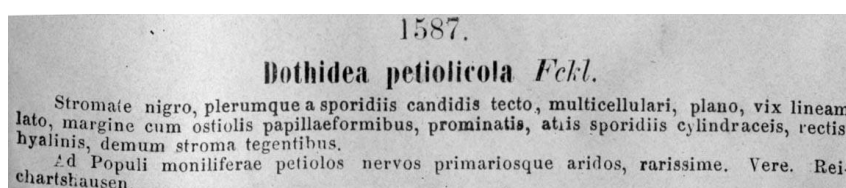


Fig. 32

Heterosphaeria poae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1591, 1865 [Hedwigia 5(2): 28, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 266 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1591 (fig. 33). This name has sometimes been cited as combination based on *Dacrymyces poae* Lib., 1832. However, Fuckel (l.c.) did not refer to the latter name, neither directly nor indirectly. Thus, Fuckel's name is a species of its own and no combination.

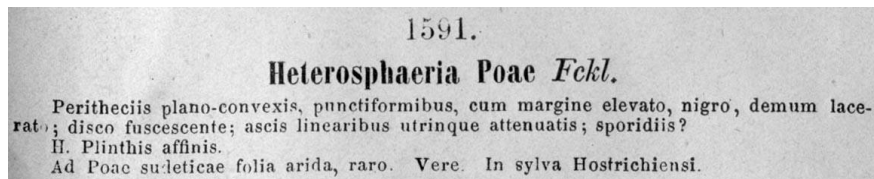


Fig. 33

Peziza mercurialis Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1593, 1865 [Hedwigia 5(2): 28, 1866].

≡ *Niptera mercurialis* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 293 (1869-70) 1870.

≡ *Mollisia atrata* f. *mercurialis* (Fuckel) W. Phillips, Man. Brit. Discomyc.: 182, 1887.

≡ *Mollisia atrata* var. *mercurialis* (Fuckel) Trail, Scott. Naturalist (Perth), n.s., 4(10): 173, 1889.

≡ *Mollisia mercurialis* (Fuckel) Sacc., Syll. fung. 8: 326, 1889.

≡ *Pyrenopeziza mercurialis* (Fuckel) Boud., Hist. Class. Discom. Eur.: 133, 1907.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1593 (fig. 34).

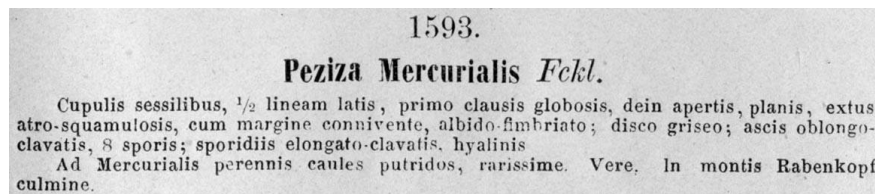


Fig. 34

Peziza medicaginis Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1594, 1865 [Hedwigia 5(2): 28, 1866].

≡ *Pyrenopeziza medicaginis* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 295 (1869-70) 1870.

≡ *Leptotrochila medicaginis* (Fuckel) Schüepp, Phytopathol. Z. 36: 253, 1959.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1594 (fig. 35).

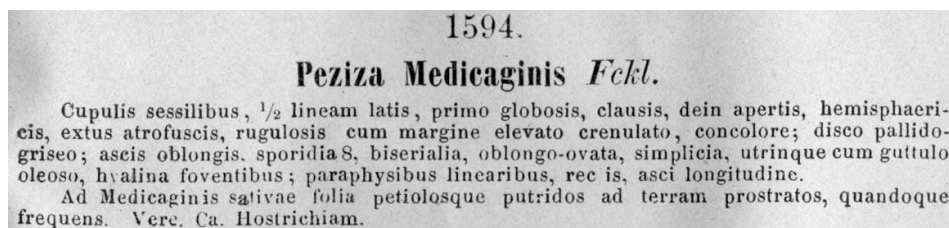


Fig. 35

Peziza torulicola Fuckel (as "*torulaecola*"), Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1596, 1865 [Hedwigia 5(2): 28, 1866].

≡ *Tapesia torulae* Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 302 (1869-70) 1870, nom. illegit. (Art. 52.1).

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1596 (fig. 36). Fuckel (1870: 302) cited *Peziza torulicola* as synonym ("*Fungus ascophorus*" = sexual morph) of his new holomorphic species *Tapesia torulae*, which is, therefore, a superfluous name.

1596.

Peziza Torulaecola Fckl.

Cupulis minutis, punctiformibus, sessilibus, hemisphaericis, apertis, basin atris, extus cum margine connivente albo, squamulosis, disco albescente; ascis anguste fusiformibus, 8 sporis; sporidiis, subfusiformibus, hyalinis, simplicibus.
Ad Salicis Capreae ramos aridos, in Torulae specie aterrima parasitica, rarissime.
Vere. In sylva Hostrichiensi
An Torula Pezizae subiculum est?

Fig. 36

Peziza murina Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1597, 1865 [Hedwigia 5(2): 28, 1866].
≡ *Plicaria murina* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 326 (1869-70) 1870.
= *Ascobolus brassicae* P. Crouan & H. Crouan, Ann. Sci. Nat., Bot., Sér. 4, 7: 174, 1857.
[Full synonymy, see: <http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=245343> and <https://www.mycobank.org/MB/245343>.]
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1597 (fig. 37).

1597.

Peziza murina Fckl.

Cupulis carnosis, pallido-rufis, planis, in stipitem brevem crassum attenuatis, cum margine crenulato, vix elevato, extus rugulosis; ascis cylindraceis, stipatis, sporidia 8, uniserialia, simplicia, accurato-globosa, cum episporio crasso, lutescente foventibus.
Ad fimum murinum putridum, raro. Hieme Ca. Hostrichiam.

Fig. 37

Helotium rhizophilum Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 1: no. 1598, 1865 [Hedwigia 5(2): 28, 1866].
≡ *Ciboria rhizophila* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 312 (1869-70) 1870.
≡ *Hymenoscyphus rhizophilus* (Fuckel) W. Phillips [as “*Hymenoscypha*”], Man. Brit. Discomyc.: 144, 1887.
≡ *Calycina rhizophila* (Fuckel) Kuntze, Revis. gen. pl. 3(3): 449, 1898.
[Full synonymy, see: <http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=219675>; <https://www.mycobank.org/MB/461998>.]
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1598 (fig. 38).

1598.

Helotium rhizophilum Fckl.

Cupulis primo infundibuliformibus, dein applanatis, usque ad 1½ lineas latis, immarginatis, disco vitellino, extus, cum stipite 3—4 lineas longo, albicante furfuraceis; ascis linearibus, utrinque attenuatis, 8 sporis; sporidiis simplicibus, anguste-cylindraceis, rectis, hyalinis.
Ad Koeleriae glaucae rhizoma putridum, rarissime. In pinetis ca. Budenheim.

Fig. 38

Fasc. 2

Peronospora calaminthae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1603, 1866 [Hedwigia 5(2): 29, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 70 (1869-70) 1870].
Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1603 (fig. 39).

1603.

Peronospora Calaminthae Fckl.

Caespitibus densis, griseis; stipitibus conidiophoris erectis, dichotomo-ramosis, ramis primariis paucis, ultimis inaequalibus, rectangulariter patentibus, rectis, conidiis globosis. Oogonia nondum vidi.
Ad Calaminthae Acinos folia, rarissime. Vere. Ca. Vollraths.

Fig. 39

Peronospora phyteumatis Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1604, 1866 [Hedwigia 5(2): 29, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 70 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 160 (fig. 40).

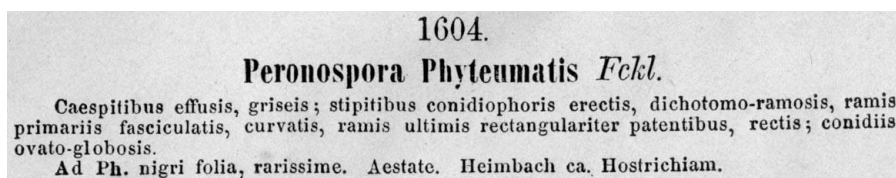


Fig. 40

Synchytrium mercurialis Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1607, 1866 [Hedwigia 5(2): 29, 1866].

= *Sphaeronaema mercurialis* Lib., Pl. crypt. Arduenna, fasc. (Liège) 3(nos 201-300): no. 264, 1834.

≡ *Zythia mercurialis* (Lib.) J. Kickx f., Fl. Crypt. Flandres 1: 449, 1867.

≡ *Synchytrium mercurialis* (Lib.) Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 74 (1869-70) 1870, nom. illegit. (Art. 53.1).

≡ *Pycnochytrium mercurialis* (Lib.) J. Schröt., in Engler & Prantl, Nat. Pflanzenfam., Teil. I, 1(1): 74, 1897.

≡ *Sphaeropsis mercurialis* (Lib.) Mussat, in Saccardo, Syll. fung. 15: 393, 1901, nom. inval., Art. 36.1(a), (c).

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1607 (fig. 41).

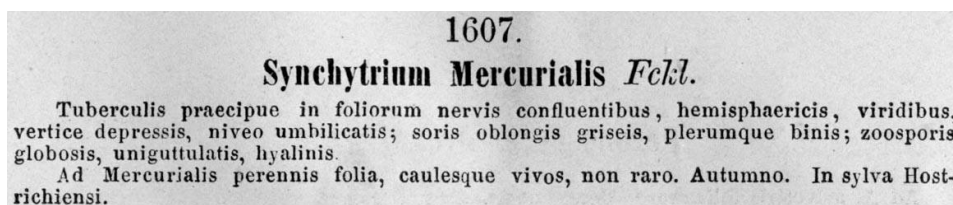


Fig. 41

Chytridium dendriticum Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1608, 1866 [Hedwigia 5(2): 29, 1866].

≡ *Synchytrium dendriticum* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 74 (1869-70) 1870.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1608 (fig. 42).

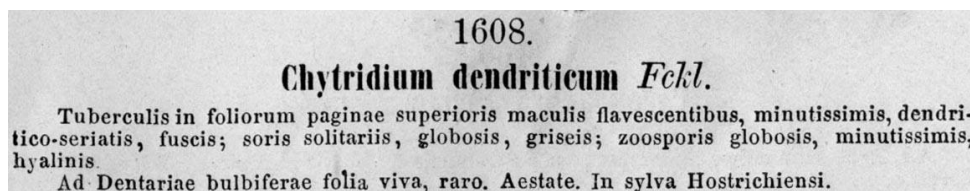


Fig. 42

Protomyces eleocharidis Fuckel [as "*heleocharidis*"], Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1610, 1866 [Hedwigia 5(2): 29, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 75 (1869-70) 1870].

≡ *Physoderma eleocharidis* (Fuckel) J. Schröt. [as "*heleocharidis*"], in Cohn, Krypt.-Fl. Schlesien 3.1(9-16): 194, 1886 [1889].

≡ *Cladochytrium eleocharidis* (Fuckel) A. Fisch. [as "*heleocharidis*"], in Fischer, Rabenh. Krypt.-Fl., Edn 2, 1(4): 139, 1892.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1610 (fig. 43).

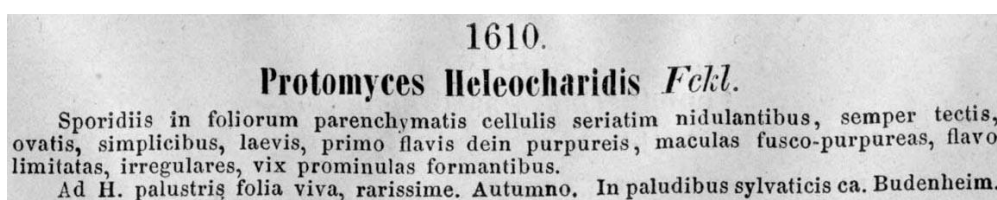


Fig. 43

Gymnosporium fusidii Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1613, 1866 [Hedwigia 5(2): 29, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 352 (1869-70) 1870].

≡ *Coniosporium fusidii* (Fuckel) Sacc., Syll. fung. 4: 246, 1886.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1613 (fig. 44).

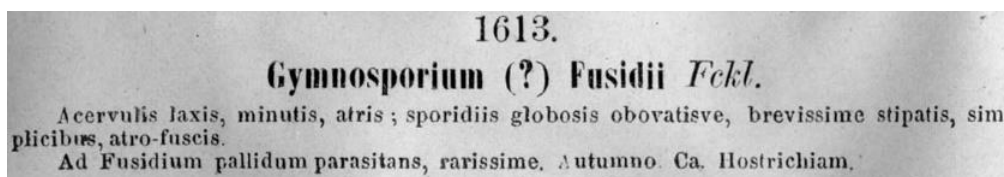


Fig. 44

Gymnosporium nigrum Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1614, 1866 [Hedwigia 5(2): 29, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 352 (1869-70) 1870].

≡ *Coniosporium fuckelii* Sacc., Syll. fung. 4: 239, 1886, non *Coniosporium nigrum* Fr., 1829.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1614 (fig. 45).

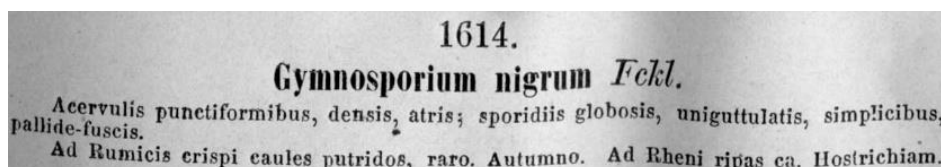


Fig. 45

Coniothecium charticola Fuckel [as "charticulum"], Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1616, 1866 [Hedwigia 5(2): 29, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 351 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1616 (fig. 46).

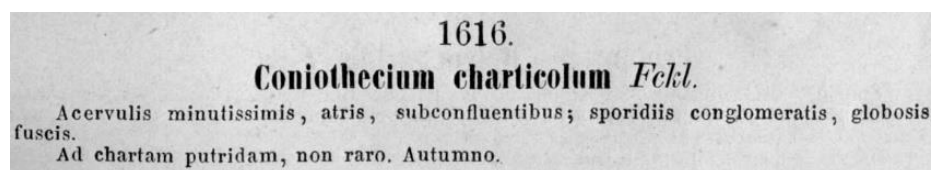


Fig. 46

Speira oblonga Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1619, 1866 [Hedwigia 5(2): 30, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 349 (1869-70) 1870].

≡ *Dictyosporium oblongum* (Fuckel) S. Hughes, Canad. J. Bot. 36: 762, 1958.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1619 (fig. 47).

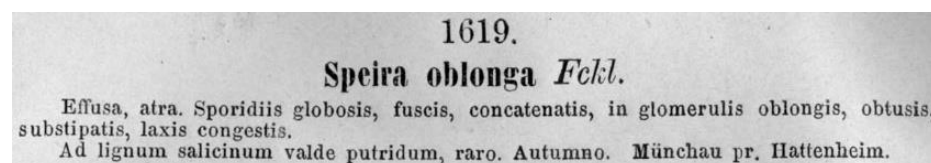


Fig. 47

Torula faginea Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1620, 1866 [Hedwigia 5(2): 30, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 349 (1869-70) 1870].

≡ *Taeniolella faginea* (Fuckel) S. Hughes, Canad. J. Bot. 36: 817, 1958.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1620 (fig. 48).

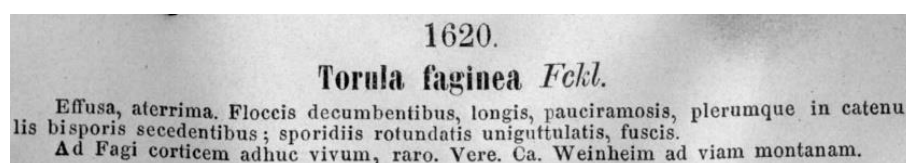


Fig. 48

Torula salicis Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1622, 1866 [Hedwigia 5(2): 30, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 302 (1869-70) 1870].

= *Torula stilbospora* Corda, in Sturm, Deutschl. Fl., 3 Abt. (Pilze Deutschl.) 2: 99, 1829.

≡ *Taeniolella stilbospora* (Corda) S. Hughes, Canad. J. Bot. 36: 817, 1958.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1622 (fig. 49). Full synonymy, see Heuchert et al. (2018: 213).

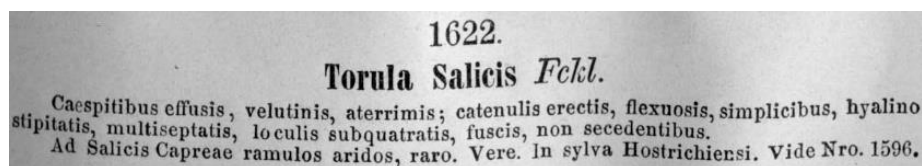


Fig. 49

Torula luzulae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1624, 1866 [Hedwigia 5(2): 30, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 348 (1869-70) 1870].

≡ *Gliomastix luzulae* (Fuckel) E.W. Mason, in Walsh & Rimington, Nat. Hist. Scarborough Distr. 1: 154, 1953.

≡ *Gliomastix luzulae* (Fuckel) E.W. Mason ex S. Hughes, Canad. J. Bot. 36: 769, 1958.

≡ *Acremonium luzulae* (Fuckel) W. Gams, Cephalosporium-artige Schimmelpilze: 92, 1971.

≡ *Sagrahamala luzulae* (Fuckel) Subram., Curr. Sci. 41(2): 48, 1972.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1624 (fig. 50).

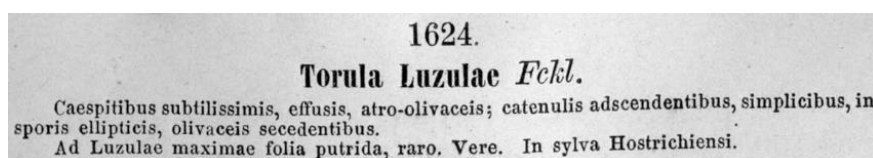


Fig. 50

Cladosporium hypophyllum Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1629, 1866 [Hedwigia 5(2): 30, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 356 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1629 (fig. 51). See Bensch et al. (2012: 160).

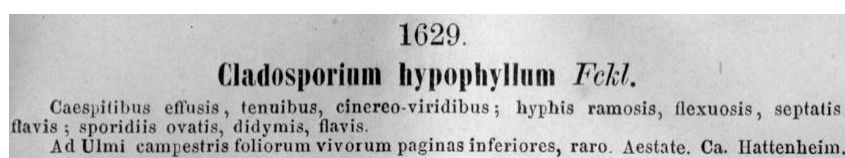


Fig. 51

Cercospora sanguinea Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1630, 1866 [Hedwigia 5(2): 30, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 354 (1869-70) 1870].

= *Cladosporium lythri* Westend., Bull. Acad. Roy. Sci. Belgique, Cl. Sci. 21(2): 240, 1854.

≡ *Cercospora lythri* (Westend.) Niessl, Hedwigia 15: 1, 1876.

≡ *Stenella lythri* (Westend.) J.L. Mulder, Trans. Brit. Mycol. Soc. 65(3): 517, 1975.

≡ *Zasmidium lythri* (Westend.) U. Braun & H.D. Shin, in Bensch et al., Stud. Mycol. 72(1): 320, 2012.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1630 (fig. 52).

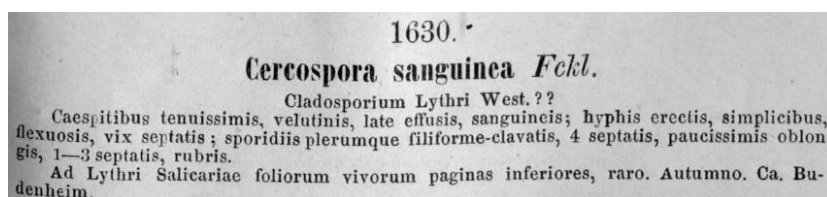


Fig. 52

Cercospora maianthemi Fuckel [as “*majanthemi*“], Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1631, 1866 [Hedwigia 5(2): 30, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 353 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1631 (fig. 53).

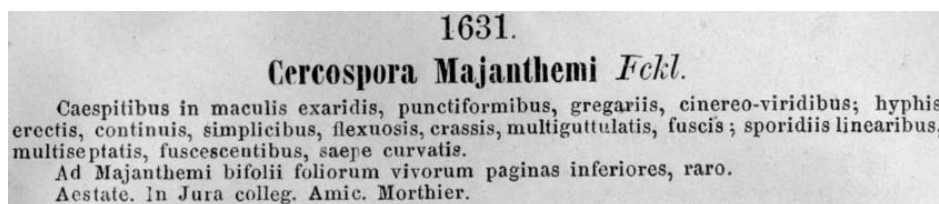


Fig. 53

Cercospora resedae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1632, 1866 [Hedwigia 5(2): 30, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 353 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1632 (fig. 54).

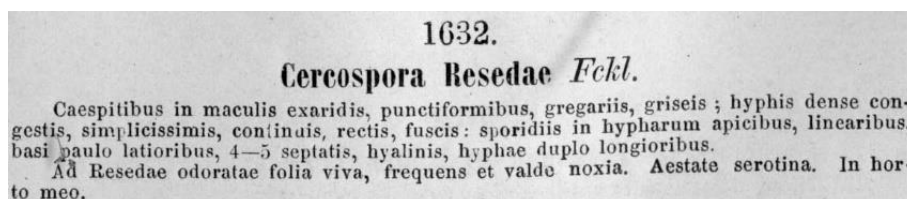


Fig. 54

Ramularia ovata Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1634, 1866 [Hedwigia 5(4): 50, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 362 (1869-70) 1870].

≡ *Ovularia ovata* (Fuckel) Sacc., Fung. ital. 17-28: tab. 980, 1881.

≡ *Neoovularia ovata* (Fuckel) U. Braun, Nova Hedwigia 54(3-4): 474, 1992.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1634 (fig. 55).

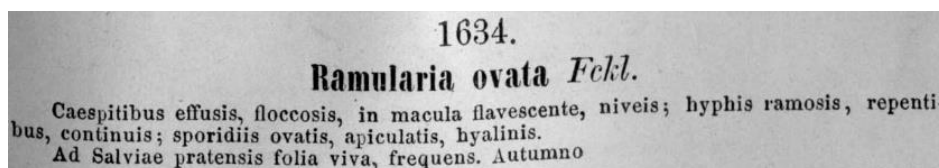


Fig. 55

Ramularia obovata Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1635, 1866 [Hedwigia 5(4): 50, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 103 (1869-70) 1870].

≡ *Ovularia obovata* (Fuckel) Sacc., Michelia 2(6): 17, 1880.

= *Crocysporium rubellum* Bonord., Bot. Zeitung 19: 201, 1861.

≡ *Ovularia rubella* (Bonord.) Sacc., Syll. fung. 4: 145, 1886.

≡ *Ramularia rubella* (Bonord.) Nannf., in Lundell & Nannfeldt, Fungi Exs. Suec., Fascicle XXIX-XL, Sched.: 33, 1950.

= *Oidium monosporium* Westend., Bull. Soc. Roy. Bot. Belgique 2: 252, 1864.

≡ *Ovularia monosporia* (Westend.) Pound & Clem., Minnesota Bot. Stud. 1(Bulletin 9): 653, 1896.

≡ *Torula monosporia* (Westend.) J. Kickx f., Fl. Crypt. Flandres 2: 301, 1867.

= *Peronospora obliqua* Cooke, Microscopic fungi: 160, 1865.

≡ *Ovularia obliqua* (Cooke) Oudem., Hedwigia 22: 85, 1883.

= *Ramularia circumfusa* Ellis & Everh., Proc. Acad. Nat. Sci. Philadelphia 47: 437, 1895.

= *Ovularia obliqua* var. *canaegricola* Henn., Notizbl. Königl. Bot. Gart. Berlin 1(7): 238, 1897.

≡ *Ovularia canaegricola* (Henn.) Henn., in Sacc. & P. Syd., Syll. fung. 14(2): 1055, 1899.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1635 (fig. 56).

Taxonomy and nomenclature, see Braun (1998: 210–211).

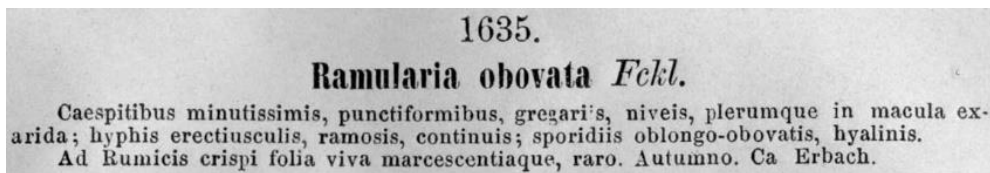


Fig. 56

Ramularia gibba Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1636, 1866 [Hedwigia 5(4): 50, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 362 (1869-70) 1870].

≡ *Entylomella gibba* (Fuckel) U. Braun, Monogr. *Cercospora*, *Ramularia* Allied Genera (Phytopath. Hyphom.) 2: 298, 1998.

≡ *Entyloma gibbum* (Fuckel) Rossman & Castl., in Rossman, Allen & Castlebury, IMA Fungus 7(1): 6, 2016.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1636 (fig. 57).

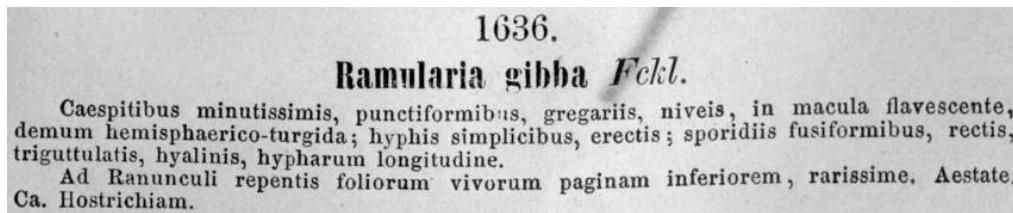


Fig. 57

Menispora preussii Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1637, 1866 [Hedwigia 5(4): 50, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 358 (1869-70) 1870].

≡ *Menispora ciliata* var. *obtusata* Preuss, Linnaea 24: 118, 1851.

Notes: This is a new name on species level, based on *Menispora ciliata* var. *obtusata*, validly published on the label of Fungi Rhen. Exs., Suppl., 1637 (fig. 58). The name *Menispora ciliata* var. *obtusata* was sometimes interpreted as “var. *variegata-obtusata*”. However, Fuckel (1870: 358) concluded that Preuss (1851) intended to introduce “var. *obtusata*” (i.e., “variegata” referred to “variegated” in the sense of differing), which is conclusive and should be followed.

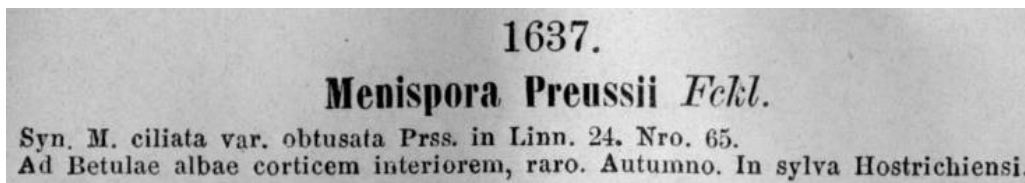


Fig. 58

Verticillium fuscum Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1638, 1866 [Hedwigia 5(4): 50, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 362 (1869-70) 1870].

≡ *Verticicladium fuscum* (Fuckel) Sacc., Syll. fung. 4: 328, 1886.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1638 (fig. 59).

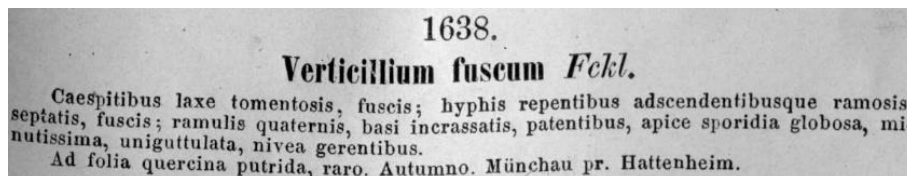


Fig. 59

Sarcopodium foliicola Fuckel (as “*foliicolum*”), Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1645, 1866 [Hedwigia 5(4): 50, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 368 (1869-70) 1870].

≡ *Volutella foliicola* (Fuckel) Sacc., Syll. fung. 4: 686, 1886.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1645 (fig. 60).

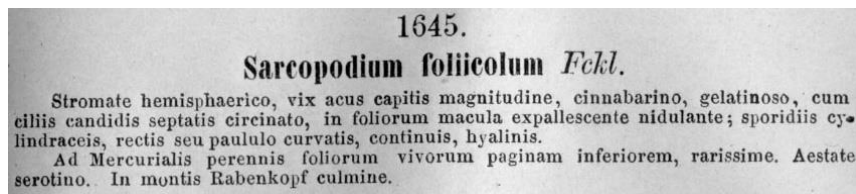


Fig. 60

Gloeosporium betulae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1650, 1866 [Hedwigia 5(4): 50, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 368 (1869-70) 1870], nom. illegit., Art. 53.1, non Westend., 1854.

≡ *Ceuthospora betulae* Arx, Verh. Kon. Ned. Akad. Wetensch., Afd. Natuurk. 51(3): 63, 1957.

= *Phacidium betulinum* Mouton, Bull. Soc. Roy. Bot. Belgique 39: 50. 1901.

Notes: This is an illegitimate name published on the label of Fungi Rhen. Exs., Suppl., 1650 (fig. 61). See Pennycook (2007).

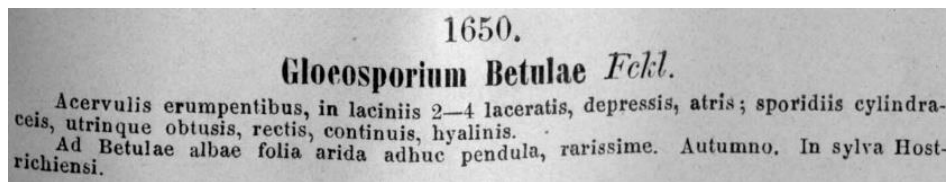


Fig. 61

Gloeosporium sanguisorbae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1651, 1866 [Hedwigia 5(4): 51, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 368 (1869-70) 1870].

≡ *Discula sanguisorbae* (Fuckel) Arx, Verh. Kon. Ned. Akad. Wetensch., Tweede Sect. 51(3): 133, 1957.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1651 (fig. 62).

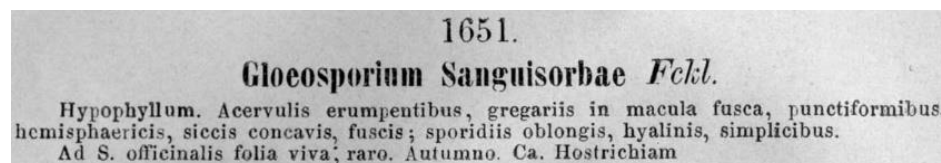


Fig. 62

Gloeosporium aterrimum Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1652, 1866 [Hedwigia 5(4): 51, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 277 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1652 (fig. 63).



Fig. 63

Fusidium tumescens Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1653, 1866 [Hedwigia 5(4): 51, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 371 (1869-70) 1870].

≡ *Ramularia tumescens* (Fuckel) Sacc., Syll. fung. 4: 214, 1886.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1653 (fig. 64). The status of this species is unclear. Braun (1998: 310) examined several duplicates of no. 1653, but failed to find any fructification agreeing with the original description.

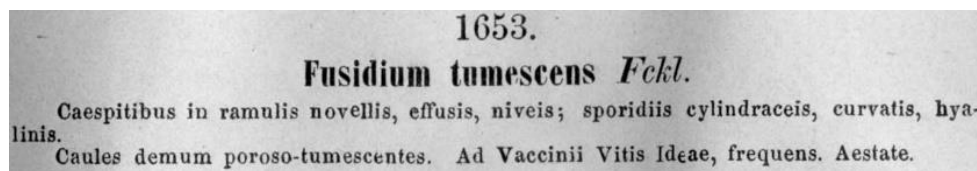


Fig. 64

Coryneum foliicola Fuckel (as “*foliicolum*”), Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1656, 1866 [Hedwigia 5(4): 51, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 372 (1869-70) 1870].

≡ *Coryneopsis foliicola* (Fuckel) Grove, J. Bot. 70: 34, 1933.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1656 (fig. 65).



Fig. 65

Coryneum rostratum Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1657, 1866 [Hedwigia 5(4): 51, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 391 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1657 (fig. 66).

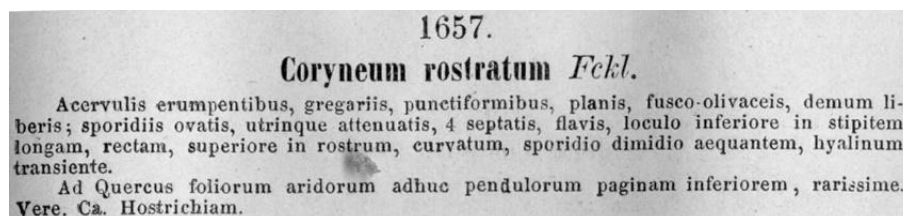


Fig. 66

Exosporium rosae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1658, 1866 [Hedwigia 5(4): 51, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 373 (1869-70) 1870].

≡ *Cercospora rosae* (Fuckel) Höhn., Ann. Mycol. 1(5): 412, 1903.

≡ *Passalora rosae* (Fuckel) U. Braun, Mycotaxon 55: 234, 1995.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1658 (fig. 67). The generic affinity of this species is in need of phylogenetic confirmation, as *Passalora* (s. str.) was confined to a few species around its type species (Videira et al. 2017).



Fig. 67

Uromyces acutatus Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1666, 1866 [Hedwigia 5(4): 51, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 64 (1869-70) 1870].

≡ *Coeomurus acutatus* (Fuckel) Kuntze [as “*Caeomurus*”], Revis. gen. pl. 3(3): 449, 1898.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1666 (fig. 68).

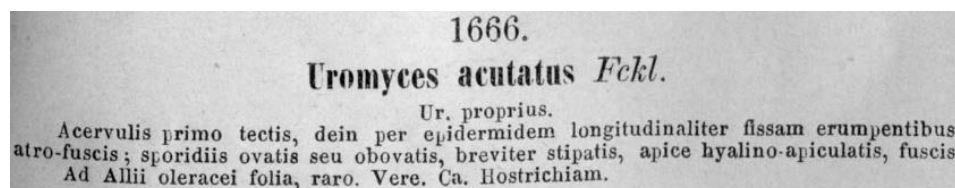


Fig. 68

Puccinia asteris Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1670, 1866 [Hedwigia 5(4): 51, 1866], nom. illegit. (Art. 53.1), non Duby, 1830.

Notes: This is an illegitimate name (younger homonym) published on the label of Fungi Rhen. Exs., Suppl., 1670 (fig. 69).

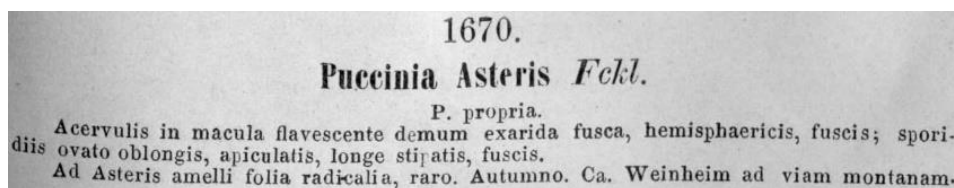


Fig. 69

Puccinia acuminata Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1673, 1866 [Hedwigia 5(4): 51, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 55 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1673 (fig. 70).

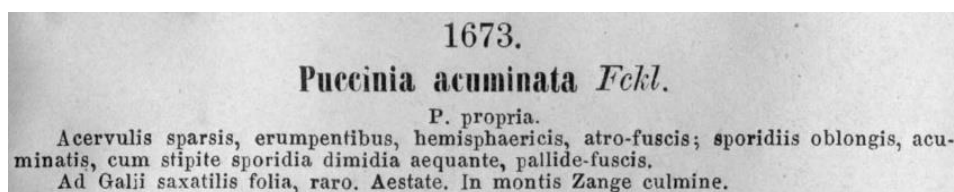


Fig. 70

Puccinia circinans Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1674, 1866 [Hedwigia 5(4): 52, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 53 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1674 (fig. 71).

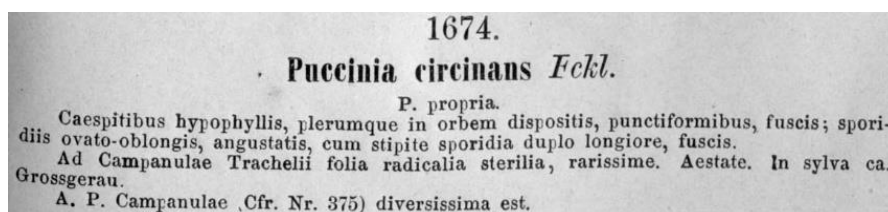


Fig. 71

Phragmidium brevipes Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1675, 1866 [Hedwigia 5(4): 52, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 46 (1869-70) 1870], nom. illegit. (Art. 52.1).

Notes: This is a superfluous name (nom. superfl., Art. 52.1) published on the label of Fungi Rhen. Exs., Suppl., 1675 (fig. 72). The valid name *Puccinia fragariastris* DC., 1815, was cited as synonym in the protologue.

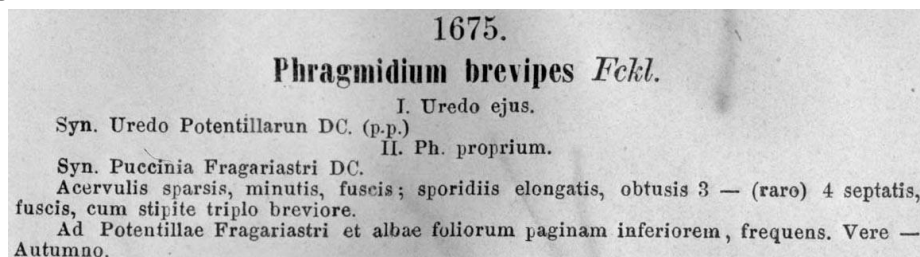


Fig. 72

Septoria cynodontis Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1676, 1866 [Hedwigia 5(4): 52, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 389 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1676 (fig. 73).

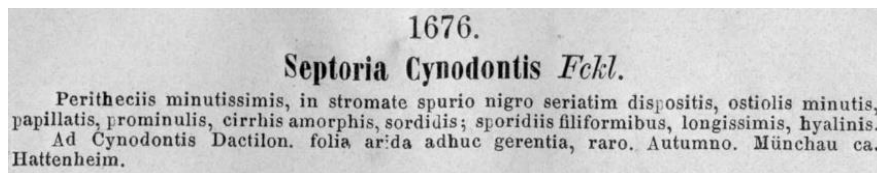


Fig. 73

Septoria didyma Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1677, 1866 [Hedwigia 5(4): 52, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 390 (1869-70) 1870].

≡ *Septogloeum didymum* (Fuckel) Montemart., Atti Ist. Bot. Univ. Pavia, Ser. 2, 6: 84, 1900.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1677 (fig. 74).

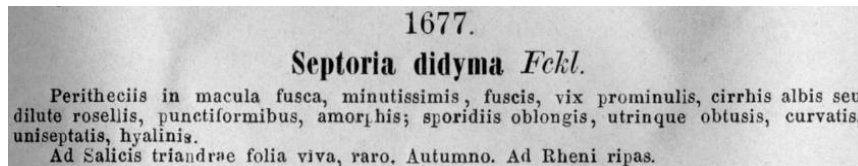


Fig. 74

Septoria atriplicis Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1680, 1866 [Hedwigia 5(4): 52, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 390 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1680 (fig. 75). This name was sometimes interpreted as combination, “(Westend.) Fuckel”, but Fuckel (l.c.) did not cite any basionym, neither directly nor indirectly.

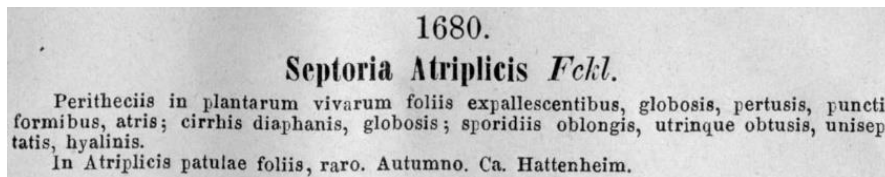


Fig. 75

Septoria cydoniae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1681, 1866 [Hedwigia 5(4): 52, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 104 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1681 (fig. 76).

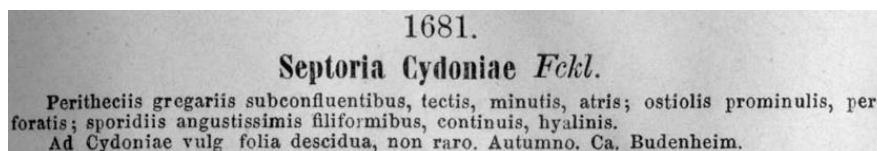


Fig. 76

Asteroma maculare Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1687, 1866 [Hedwigia 5(4): 52, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 385 (1869-70) 1870], nom. illegit. (Art. 53.1), non F. Rudolphi, 1829.

≡ *Asteroma fuckelii* Sacc., Syll. fung. 3: 210, 1884, nom. illegit. (Art. 53.1), non *A. fuckelii* Sacc., 1884.

≡ *Asteroma fuckelianum* Sacc., Syll. fung. 3: 860, 1884.

Notes: This is an illegitimate name published on the label of Fungi Rhen. Exs., Suppl., 1687 (fig. 77).

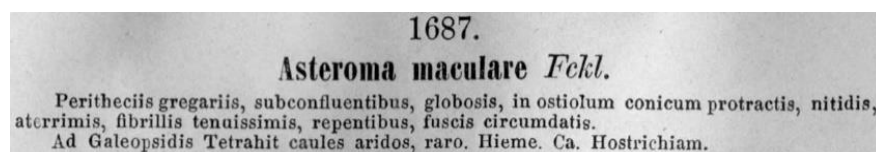


Fig. 77

Asteroma gei Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1690, 1866 [Hedwigia 5(4): 52, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 385 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1690 (fig. 78).

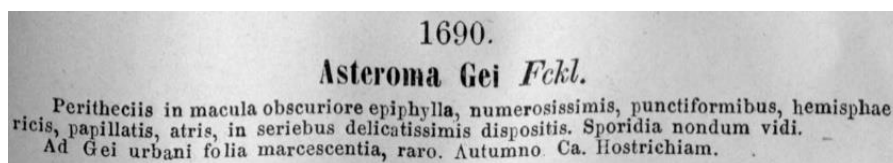


Fig. 78

Asteroma radiatum Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1691, 1866 [Hedwigia 5(4): 53, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 385 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1691 (fig. 79).

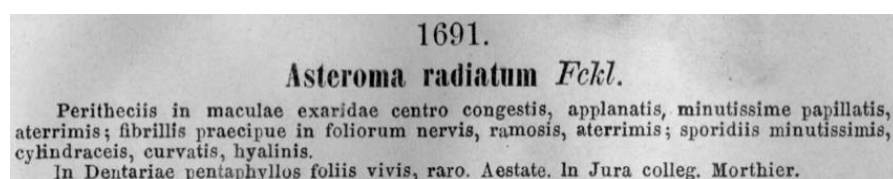


Fig. 79

Asteroma euphorbiae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1692, 1866 [Hedwigia 5(4): 53, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 385 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1692 (fig. 80).

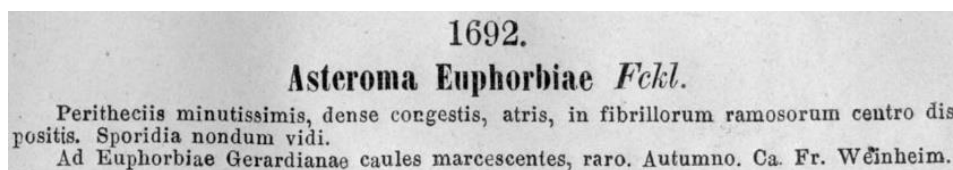


Fig. 80

Actinonema rubi Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1694, 1866 [Hedwigia 5(4): 53, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 384 (1869-70) 1870].

≡ *Asterella rubi* (Fuckel) Höhn., Ann. Mycol. 3(4): 326, 1905.

≡ *Stomiopeltis rubi* (Fuckel) Petr., Ann. Mycol. 21(1/2): 15, 1923.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1694 (fig. 81).

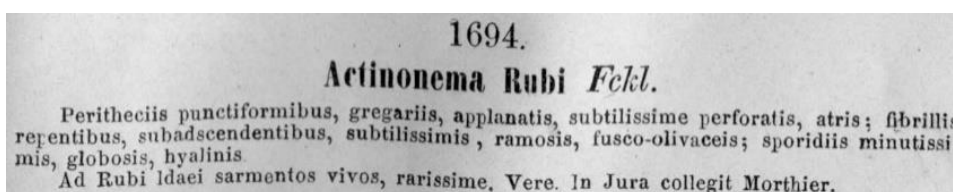


Fig. 81

Ascochyta caricis Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1697, 1866 [Hedwigia 5(4): 53, 1866; Jahrb. Nassauischen Vereins Naturk. 23-24: 386 (1869-70) 1870].

≡ *Phyllosticta caricis* (Fuckel) Sacc., Syll. fung. 3: 61, 1884.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1697 (fig. 82). Based on the examination of type material, Mel'nik (1977) accepted this species as *Phyllosticta caricis*, but re-examinations of syntype collections have shown that all of them were immature, so that the status of *Ascochyta caricis* remains unclear (Van der Aa & Vanev 2002: 128).

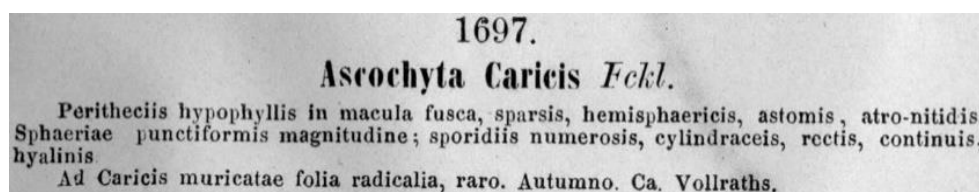


Fig. 82

Ascochyta melanoplaca (Westend.) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 2: no. 1699, 1866.
 ≡ *Phyllosticta melanoplaca* Westend., Bull. Acad. R. Sci. Belg., Cl. Sci., Sér. 2, 2(7): 570, 1857.
 ≡ *Melasmia aviculariae* Westend., Bull. Acad. R. Sci. Belg., Cl. Sci., sér. 2, 2(7): 570, 1857.
 ≡ *Asteromella aviculariae* (Westend.) Petr., Sydowia 16(1-6): 302, 1963.

Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 1699 (fig. 83). Based on the examination of type material, Mel'nik (1977) reduced *Phyllosticta melanoplaca* to synonymy with *Melasmia aviculariae* [the two names were simultaneously published by Westendorp (l.c.) as alternative names; they are valid according to Art. 36.3 since published before 1953]. Ruszkiewicz-Michalska (2016: 107) confirmed the identity of this species as *Asteromella aviculariae*.



Fig. 83

Fasc. 3

Ascochyta ranunculi Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 3: no. 1702, 1866 [Hedwigia 6(11): 174, 1867; Jahrb. Nassauischen Vereins Naturk. 23-24: 387 (1869-70) 1870].

≡ *Phyllosticta ranunculi* (Fuckel) Sacc., Syll. fung. 3: 37, 1884.

≡ *Asteromella ranunculi* (Fuckel) Vanev & Aa, in van der Aa & Vanev, A Revision of the Species Described in *Phyllosticta*: 392, 2002.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1702 (fig. 84). The identity of this species as *Asteromella* was confirmed by Ruszkiewicz-Michalska (2016: 84).

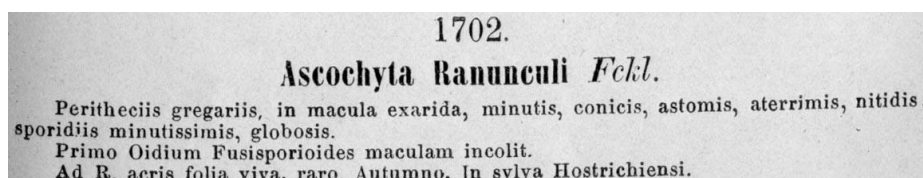


Fig. 84

Stigmatea alni Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 3: no. 1703, 1866 [Hedwigia 6(11): 174, 1867; Jahrb. Nassauischen Vereins Naturk. 23-24: 97 (1869-70) 1870].

= *Pezicula cinnamomea* (DC.) Sacc., Syll. fung. 8: 311, 1889.

[Full synonymy, see: <http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=183113>; <https://www.mycobank.org/MB/183113>].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1703 (fig. 85).

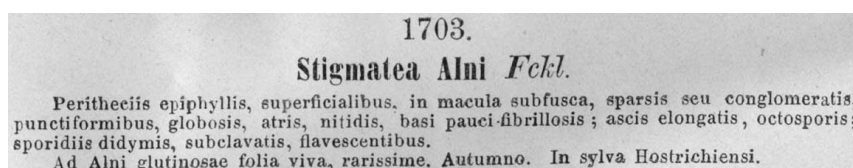


Fig. 85

Diplodia sparsa Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 3: no. 1705, 1866 [Hedwigia 6(11): 174, 1867; Jahrb. Nassauischen Vereins Naturk. 23-24: 395 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1705 (fig. 86).

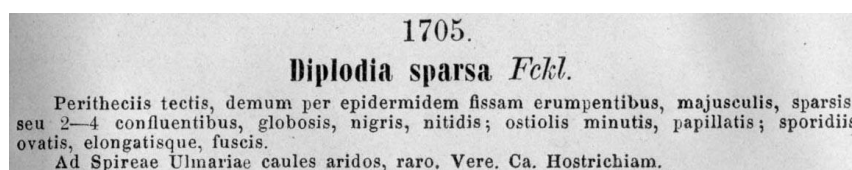


Fig. 86

Diplodia malorum Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 3: no. 1706, 1866 [Hedwigia 6(11): 174, 1867; Jahrb. Nassauischen Vereins Naturk. 23-24: 395 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1706 (fig. 87).

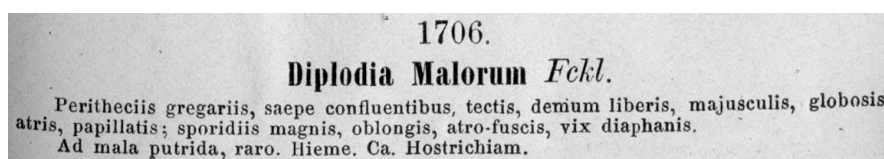


Fig. 87

Diplodia abrotani Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 3: no. 1708, 1866 [Hedwigia 6(11): 174, 1867; Jahrb. Nassauischen Vereins Naturk. 23-24: 394 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1708 (fig. 88).

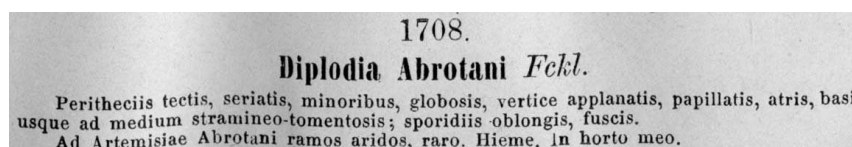


Fig. 88

Diplodia pruni Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 3: no. 1710, 1866 [Hedwigia 6(11): 174, 1867; Jahrb. Nassauischen Vereins Naturk. 23-24: 169 (1869-70) 1870].

= *Dothiorella sarmentorum* (Fr.) A.J.L. Phillips, Alves & Luque, Mycologia 97(2): 522, 2005.

= *Botryosphaeria sarmentorum* A.J.L. Phillips, Alves & Luque, Mycologia 97(2): 522, 2005.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1710 (fig. 89). This name was cited by Fuckel (1870: 169) as synonym of *Otthia pruni* Fuckel, which was separately introduced for the sexual morph and has to be recognized as a teleomorph-typified species of its own (according to Art. F.8.1).

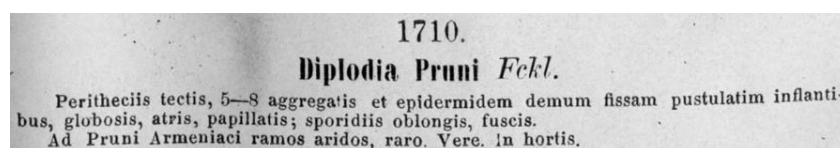


Fig. 89

Diplodia lycii Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 3: no. 1711, 1866 [Hedwigia 6(11): 174, 1867; Jahrb. Nassauischen Vereins Naturk. 23-24: 394 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1711 (fig. 90).

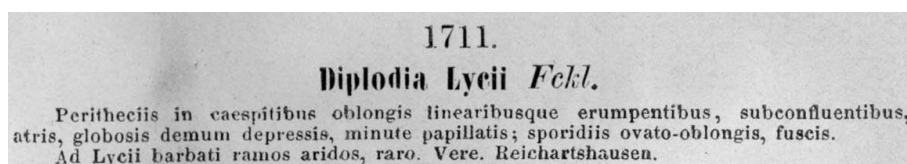


Fig. 90

Diplodia aceris Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 3: no. 1712, 1866 [Hedwigia 6(11): 174, 1867; Jahrb. Nassauischen Vereins Naturk. 23-24: 171 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1712 (fig. 91). This name was cited by Fuckel (1870: 171) as asexual morph of *Cucurbitaria protracta* Fuckel, which was introduced as separate name for a sexual morph (according to Art. F.8.1). *C. protracta* is a name of its own that cannot be considered a replacement name based on *Sphaeria protracta* Nees, 1816, nom. illegit. (non Pers., 1801), since Fuckel (1870: 171) cited this name only with question mark.

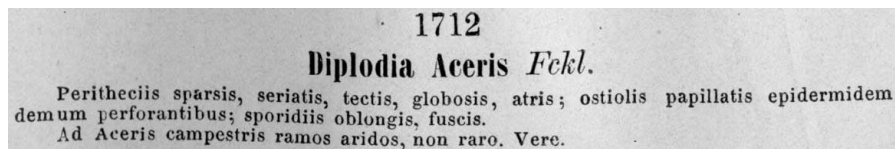


Fig. 91

Diplodia cincta Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 3: no. 1713, 1866 [Hedwigia 6(11): 174, 1867; Jahrb. Nassauischen Vereins Naturk. 23-24: 395 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1713 (fig. 92).

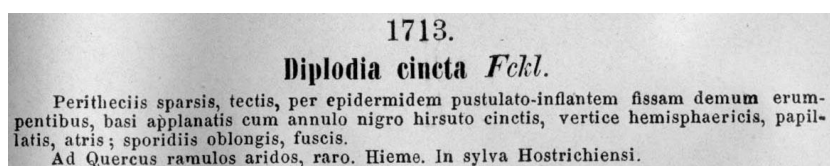


Fig. 92

Leptothyrium coryli Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 3: no. 1716, 1866 [Hedwigia 6(11): 174, 1867; Jahrb. Nassauischen Vereins Naturk. 23-24: 120 (1869-70) 1870].

≡ *Asteroma coryli* (Fuckel) S. Sutton, The Coelomycetes: 496, 1980.

[Full synonymy, see: <http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=118413>; <https://www.mycobank.org/MB/118413>].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1716 (fig. 93). Cited by Fuckel (1870: 120) as spermogonial synonym of *Gnomonia coryli* (Batsch) Auersw. as ["*G. coryli* (Batsch) Fuckel"].

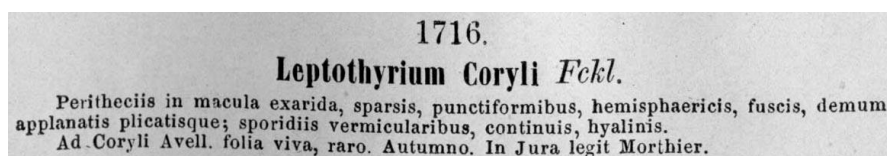


Fig. 93

Dothiora rhamni Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 3: no. 1719, 1866 [Hedwigia 6(11): 175, 1867; Jahrb. Nassauischen Vereins Naturk. 23-24: 276 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1719 (fig. 94).

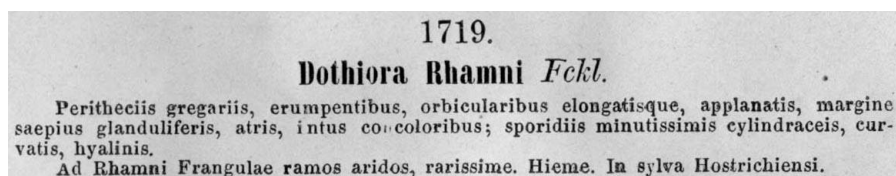


Fig. 94

Phoma graminicola Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 3: no. 1721, 1866 [Hedwigia 6(11): 175, 1867].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1721 (fig. 95).

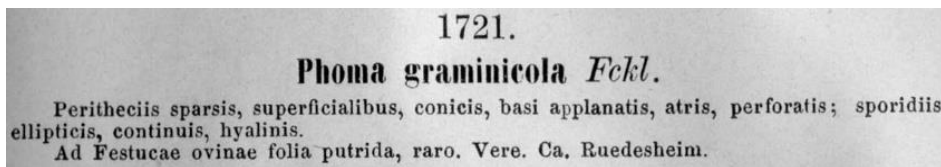


Fig. 95

Phoma syringae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 3: no. 1722, 1866 [Hedwigia 6(11): 175, 1867; Jahrb. Nassauischen Vereins Naturk. 23-24: 133 (1869-70) 1870].

≡ *Phoma syringella* Sacc., Syll. fung. 3: 112, 1884, nom. illeg. (Art. 52.1).

≡ *Phyllosticta syringella* Allesch. (as "(Sacc.) Allesch."), Rabenh. Krypt.-Fl., Edn 2, 1(6): 91, 1898, nom. nov.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1722 (fig. 96). Fuckel (1870: 133) cited this name as asexual morph of *Pleospora syringae* Fuckel, which is nevertheless a separate, legitimate, teleomorph-typified name (according to Art. F.8.1). The name "*Phoma syringae* Berk. & M.A. Curtis, in Peck" is a nomen nudum.

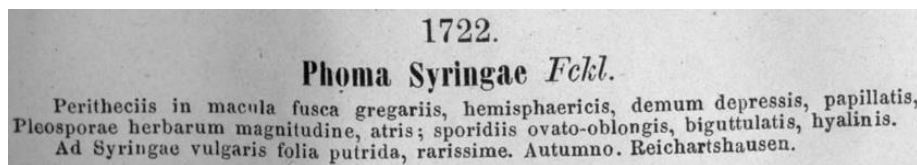


Fig. 96

Neottiospora gigaspora Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 3: no. 1724, 1866 [Hedwigia 6(11): 175, 1867].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1724 (fig. 97). Fuckel (1870: 380) cited this name under *Darluca typhoidearum* b. *caricis*.

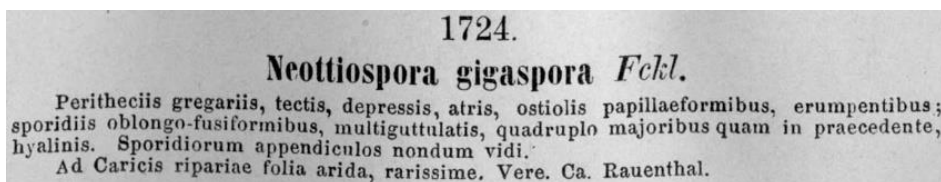


Fig. 97

Valsa oncostoma (Duby) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 3: no. 1730, 1866.

≡ *Sphaeria oncostoma* Duby, in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 3: no. 253, 1856 [Bot. Zeitung 14: 427, 1856; Flora 39: 375, 1856].

≡ *Diaporthe oncostoma* (Duby) Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 205 (1869-70) 1870.

≡ *Chorostate oncostoma* (Duby) Traverso, Fl. ital. crypt., Pars 1: Fungi. Pyrenomycetae. Xylariaceae, Valsaceae, Ceratostomataceae (Florence) 1(2): 190, 1906.

Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 1730 (fig. 98).

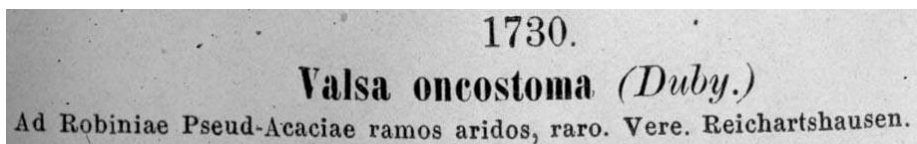


Fig. 98

Myxosporium sanguineum Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 3: no. 1737, 1866 [Hedwigia 6(11): 175, 1867; Jahrb. Nassauischen Vereins Naturk. 23-24: 230 (1869-70) 1870].

≡ *Cryptosporiopsis sanguinea* (Fuckel) Petr., Ann. Mycol. 21(3/4): 188, 1923.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1737 (fig. 99).

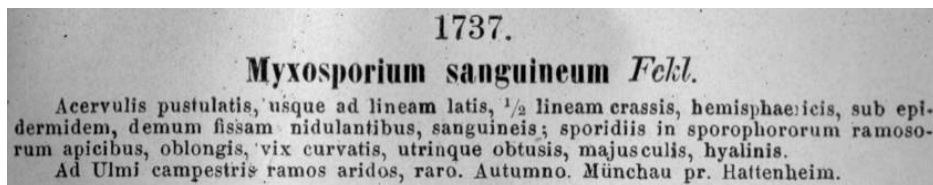


Fig. 99

Uncinula tulasnei Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 3: no. 1746, 1866 [Hedwigia 6(11): 175, 1867; Jahrb. Nassauischen Vereins Naturk. 23-24: 81 (1869-70) 1870].

≡ *Uncinula aceris* var. *tulasnei* (Fuckel) E.S. Salmon, Mem. Torrey Bot. Club 9: 39, 1900.

≡ *Uncinula bicornis* var. *tulasnei* (Fuckel) W.B. Cooke, Mycologia 44(4): 572, 1952.

≡ *Sawadaea tulasnei* (Fuckel) Homma, J. Fac. Agric., Hokkaido Imp. Univ. 38(3): 374, 1937.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1746 (fig. 100).

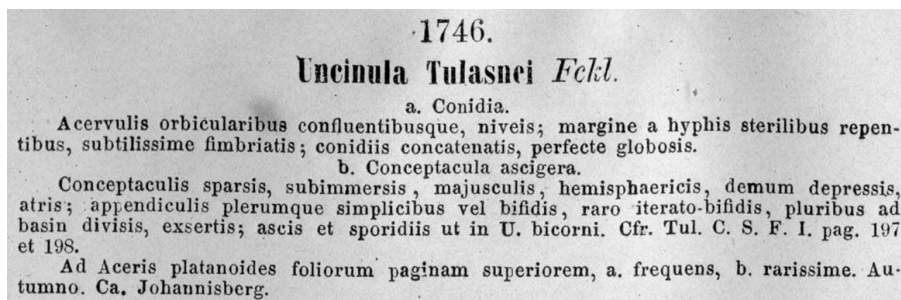


Fig. 100

Preussia Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 3: no. 1750, 1866 [Hedwigia 6(11): 175, 1867; Jahrb. Nassauischen Vereins Naturk. 23-24: 91 (1869-70) 1870].

and

Preussia funiculata (Preuss) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 3: no. 1750, 1866 [Hedwigia 6(11): 175, 1867; Jahrb. Nassauischen Vereins Naturk. 23-24: 91 (1869-70) 1870].

≡ *Perisporium funiculatum* Preuss, Linnaea 24: 143, 1851.

Notes: This is a new genus and new species validly published on the label of Fungi Rhen. Exs., Suppl., 1750 (fig. 101).

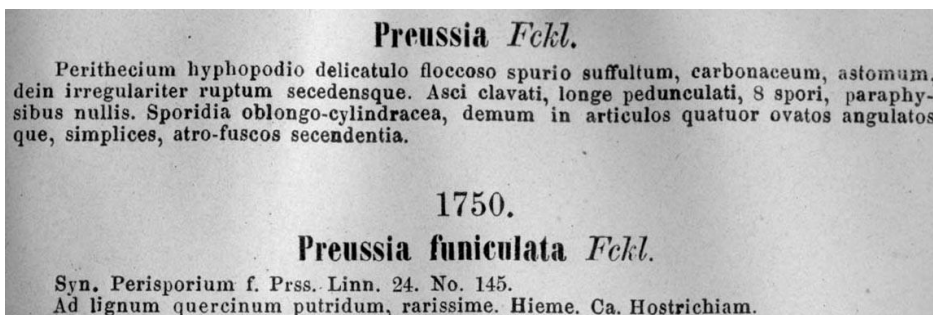


Fig. 101

Excipula viburni Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 3: no. 1764, 1866 [Hedwigia 6(11): 175, 1867; Jahrb. Nassauischen Vereins Naturk. 23-24: 400 (1869-70) 1870].

≡ *Ephelina viburni* (Fuckel) Sacc., Syll. fung. 8: 585, 1889.

≡ *Pyrenopeziza viburni* (Fuckel) Rehm, Rabenh. Krypt.-Fl., Ed. 2, 1.3 (Lief. 37): 632 (1896) 1892.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1764 (fig. 102).

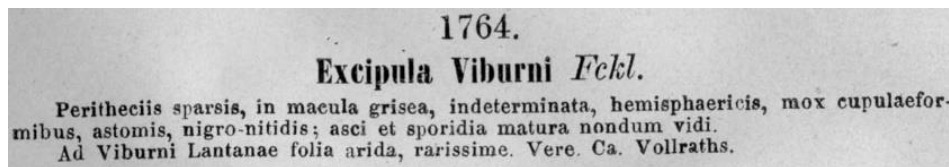


Fig. 102

Sphaeronaema rostratum Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 3: no. 1765, 1866 [Hedwigia 7(1): 12, 1868; Jahrb. Nassauischen Vereins Naturk. 23-24: 399 (1869-70) 1870].

≡ *Fenestella rostrata* (Fuckel) Sacc., Syll. fung. 2: 330, 1883.

≡ *Ceratophoma rostrata* (Fuckel) Höhn., Hedwigia 59(5): 276, 1917.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1765 (fig. 103).

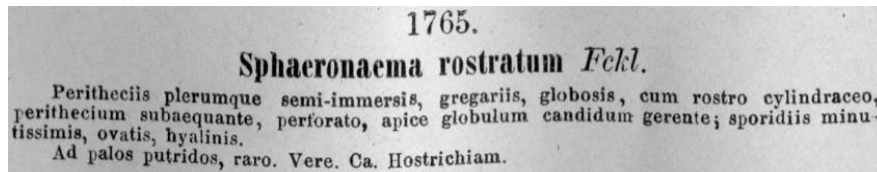


Fig. 103

Pleospora grossulariae (Fr.) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 3: no. 1766, 1866 [Jahrb. Nassauischen Vereins Naturk. 23-24: 133 (1869-70) 1870].

≡ *Sphaeria grossulariae* Fr., Syst. mycol. 2(2): 521, 1823.

[Full synonymy, see: <http://www.speciesfungorum.org/Names/SynSpecies.asp?RecordID=433721> and <https://www.mycobank.org/MB/445553>].

Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 1766 (fig. 104).

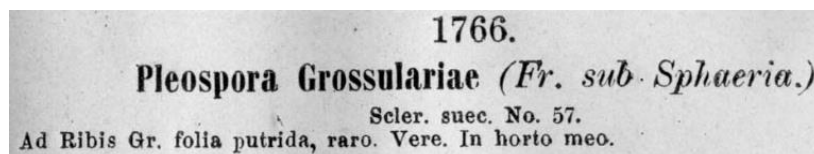


Fig. 104

Pleospora frangulae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 3: no. 1767, 1866 [Hedwigia 7(1): 12, 1868; Jahrb. Nassauischen Vereins Naturk. 23-24: 133 (1869-70) 1870].

≡ *Stemphylium vesicarium* (Wallr.) E.G. Simmons, Mycologia 61(1): 9, 1969.

[Full synonymy, see: <http://www.speciesfungorum.org/Names/SynSpecies.asp?RecordID=339660>; <https://www.mycobank.org/MB/339660>].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1767 (fig. 105).



Fig. 105

Amphisphaeria epidermidis (Fr.) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 3: no. 1770, 1866 [Hedwigia 7(1): 12, 1868].

≡ *Sphaeria epidermidis* Fr., Syst. mycol. 2(2): 499, 1823.

≡ *Didymosphaeria epidermidis* (Fr.) Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 141 (1869-70) 1870.

[Full synonymy, see: <http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=228936> and <https://www.mycobank.org/MB/228936>].

Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 1770 (fig. 106).

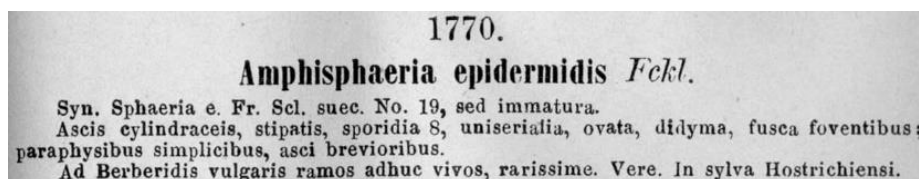


Fig. 106

Sphaeria caricicola Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 3: no. 1772, 1866 [Hedwigia 7(1): 13, 1868].

≡ *Sphaerella caricicola* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 101 (1869-70) 1870.

≡ *Laestadia caricicola* (Fuckel) Sacc., Syll. fung. 1: 430, 1882.

≡ *Carlia caricicola* (Fuckel) Kuntze, Revis. gen. pl. 2: 846, 1891.

≡ *Mycosphaerella caricicola* (Fuckel) Lindau, Hilfsb. Sammeln Ascomyc.: 24, 1903.

≡ *Guignardia caricicola* (Fuckel) Vasyag., Flora Sporov. Rast. Kazachstana 12 (2): 26, 1987.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1772 (fig. 107).

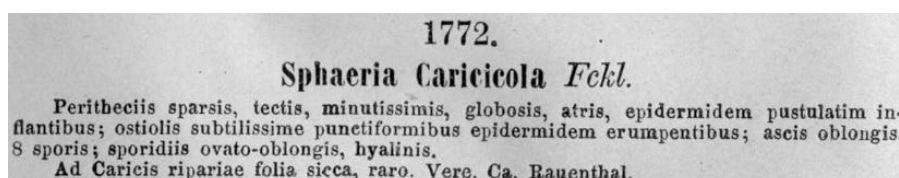


Fig. 107

Sphaeria canifaciens Fuckel (as “canofaciens”), Fungi Rhen. Exs., Suppl. Fasc. 3: no. 1774, 1866 [Hedwigia 7(1): 13, 1868;].

≡ *Sphaerella canifaciens* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 101 (1869-70) 1870.

≡ *Laestadia canificans* (Fuckel) Sacc., Syll. fung. 1: 424, 1882.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1774 (fig. 108).

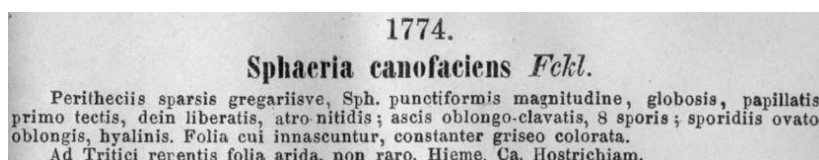


Fig. 108

Sphaeria monilispora Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 3: no. 1777, 1866 [Hedwigia 7(1): 13, 1868].

≡ *Pleospora monilispora* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 138 (1869-70) 1870.

≡ *Leptosphaeria monilispora* (Fuckel) Sacc., Syll. fung. 2: 79, 1883.

≡ *Heptameria monilispora* (Fuckel) Cooke, Grevillea 18(86): 32, 1889.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1777 (fig. 109).

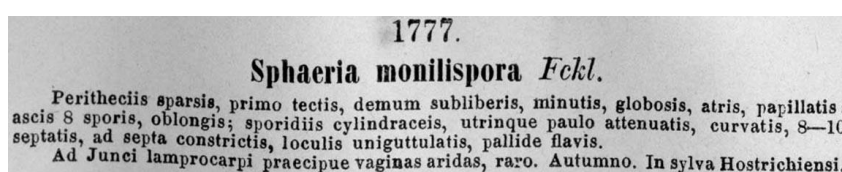


Fig. 109

Sphaeria vaccinii Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 3: no. 1779, 1866 [Hedwigia 7(1): 13, 1868], nom. illegit., Art. 53.1, non Sowerby 1802.

≡ *Sphaerella vaccinii* Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 106 (1869-70) 1870, nom. illegit., Art. 53.1, non Cooke 1866.

Notes: This is an illegitimate name published on the label of Fungi Rhen. Exs., Suppl., 1779 (fig. 110).

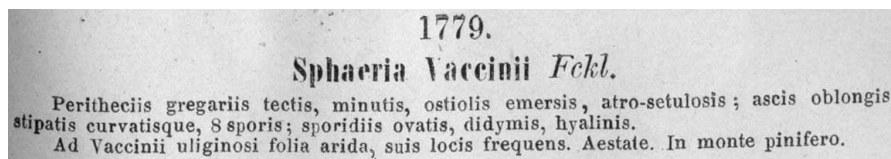


Fig. 110

Sphaeria circinata Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 3: no. 1780, 1866 [Hedwigia 7(1): 13, 1868; Jahrb. Nassauischen Vereins Naturk. 23-24: 111 (1869-70) 1870].

≡ *Didymosphaeria circinata* (Fuckel) G. Winter, Hedwigia 25: 23, 1886.

≡ *Gnomoniella circinata* (Fuckel) Sacc., Syll. fung. 1: 416, 1882.

≡ *Microthelia circinata* (Fuckel) Kuntze, Revis. gen. pl. 3(3): 498, 1898.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1780 (fig. 111).

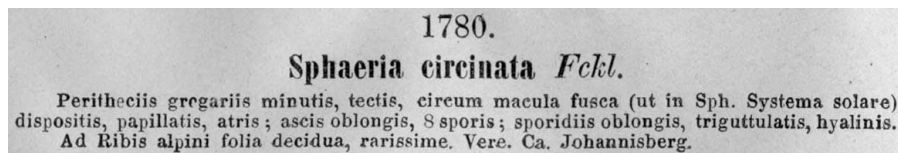


Fig. 111

Sphaeria rosae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 3: no. 1790, 1866 [Hedwigia 7(1): 13, 1868], nom. illegit., Art. 53.1, non Schumach. 1803.

≡ *Gnomonia rosae* Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 122 (1869-70) 1870, nom. nov.

≡ *Gnomoniella rosae* (Fuckel) Sacc., Syll. fung. 1: 416, 1882.

≡ *Engizostoma rosae* (Fuckel) Kuntze, Revis. gen. pl. 3(3): 475, 1898.

≡ *Ophiognomonia rosae* (Fuckel) Kirschst., Ann. Mycol. 37(1/2): 129, 1939.

≡ *Breviappendix rosae* (Fuckel) Senan. & K.D. Hyde, in Senanayake et al., Mycosphere 8(1): 187, 2017.

Notes: This is an illegitimate name published on the label of Fungi Rhen. Exs., Suppl., 1790 (fig. 112). Fuckel (1870: 122) validated this name as *Gnomonia rosae*.

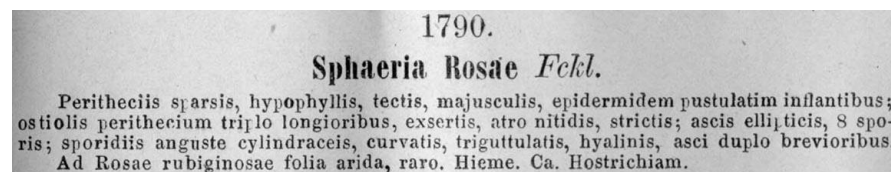


Fig. 112

Sphaeria procumbens Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 3: no. 1791, 1866 [Hedwigia 7(1): 13, 1868, as "*precumbens*"].

≡ *Linosporea procumbens* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 124 (1869-70) 1870.

≡ *Pleuromyces procumbens* (Fuckel) Höhn., Hedwigia 59(5): 257, 1917.

≡ *Ophiognomonia procumbens* (Fuckel) Berl., in Trotter, Syll. fung. 24(2): 708, 1928.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1791 (fig. 113).

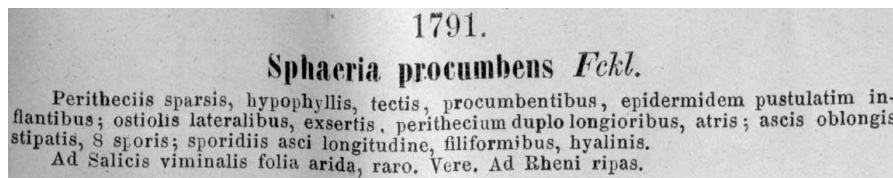


Fig. 113

Sphaeria tigrina Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 3: no. 1792, 1866 [Hedwigia 7(1): 13, 1868].
 ≡ *Linospora tigrina* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 124 (1869-70) 1870.
 ≡ *Hypospila tigrina* (Fuckel) Cooke, Grevillea 13(68): 105, 1885.
 Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1792 (fig. 114).

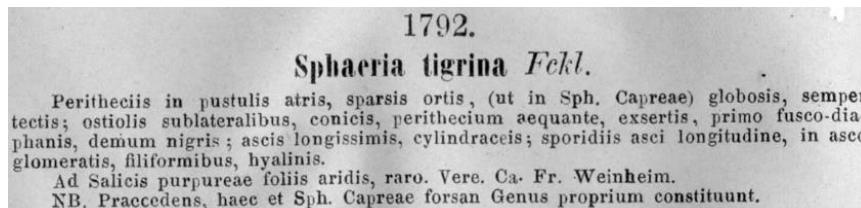


Fig. 114

Sphaeria alliariae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 3: no. 1793, 1866 [Hedwigia 7(1): 14, 1868], nom. illegit., Art. 53.1, non Auersw. 1861.
 Notes: This is an illegitimate name published on the label of Fungi Rhen. Exs., Suppl., 1793 (fig. 115). Fuckel (1870: 155) cited this name as synonym of *Pleospora maculans* (Ces. & De Not.) Tul. & C. Tul. [= *Leptosphaeria maculans* Tul. & C. Tul. (= *Sphaeria maculans* Desm., 1846, nom. illegit., non Sowerby 1803)].

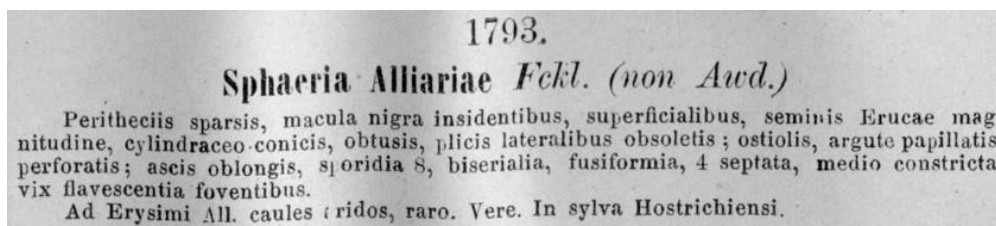


Fig. 115

Sphaeria immersa Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 3: no. 1795, 1866 [Hedwigia 7(1): 14, 1868], nom. illegit., Art. 53.1, non Sowerby 1803.
 ≡ *Diaporthe immersa* Nitschke, Pyrenomyc. Germ. 2: 270, 1870.
 Notes: This is an illegitimate name published on the label of Fungi Rhen. Exs., Suppl., 1795 (fig. 116), later validated under *Diaporthe immersa*.



Fig. 116

Sphaeria pinetorum Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 3: no. 1797, 1866 [Hedwigia 7(1): 14, 1868].
 ≡ *Enchnosphaeria pinetorum* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 147 (1869-70) 1870.
 ≡ *Herpotrichia pinetorum* (Fuckel) G. Winter, Rabenh. Krypt.-Fl., Ed. 2, 1.2: 208, 1885.

[Full synonymy, see: <http://www.speciesfungorum.org/Names/GSDspecies.asp?RecordID=416416>; <https://www.mycobank.org/MB/416416>].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1797 (fig. 117).

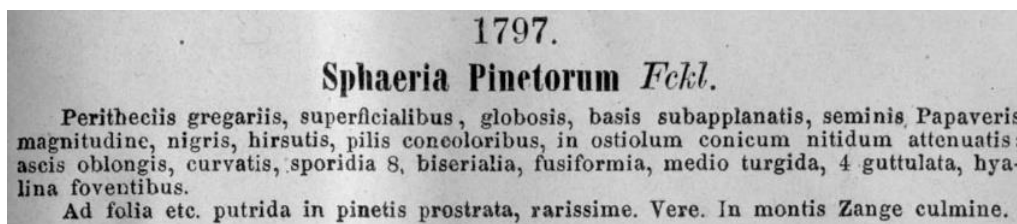


Fig. 117

Sphaeria clematidis Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 3: no. 1799, 1866 [Hedwigia 7(1): 14, 1868].

≡ *Pleospora clematidis* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 132 (1869-70) 1870].

= *Pleospora vitalbae* (De Not.) Berl., Nuovo Giorn. Bot. Ital. 20(1): 70, 1888.

[Full synonymy, see: <http://www.speciesfungorum.org/Names/SynSpecies.asp?RecordID=281921>; <https://www.mycobank.org/MB/281921>].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1799 (fig. 118).

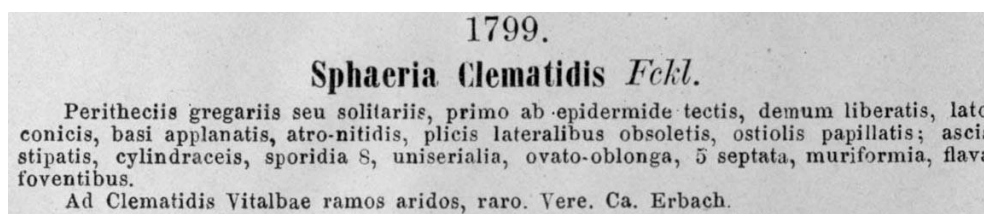


Fig. 118

Fasc. 4

Sphaeria humana Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 4: no. 1801, 1866.

≡ *Hypocopra humana* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 241 (1869-70) 1870].

≡ *Sordaria humana* (Fuckel) G. Winter, Rabenh. Krypt.-Fl., Ed. 2, 1.2: 166, 1885.

≡ *Asordaria humana* (Fuckel) Arx & Guarro, in von Arx, Guarro & van der Aa, Persoonia 13(3): 268, 1987.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1801 (fig. 119).



Fig. 119

Sphaeria equina Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 4: no. 1802, 1866, nom. illegit. (Art. 53.1, Note 2), non Gray 1821.

≡ *Hypocopra fimeti* f. *equina* Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 241 (1869-70) 1870].

Notes: This is an illegitimate name published on the label of Fungi Rhen. Exs., Suppl., 1802 (fig. 120).

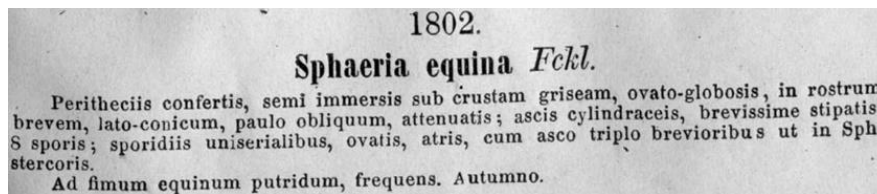


Fig. 120

Lophiostoma sedi Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 4: no. 1806, 1866 [Jahrb. Nassauischen Vereins Naturk. 23-24: 155 (1869-70) 1870].

≡ *Lophiotrema sedi* (Fuckel) Sacc., Michelia 1(3): 338, 1878.

≡ *Vivianella sedi* (Fuckel) Sacc., in Saccardo & Trotter, Syll. fung. 22(1): 550, 1913.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1806 (fig. 121).

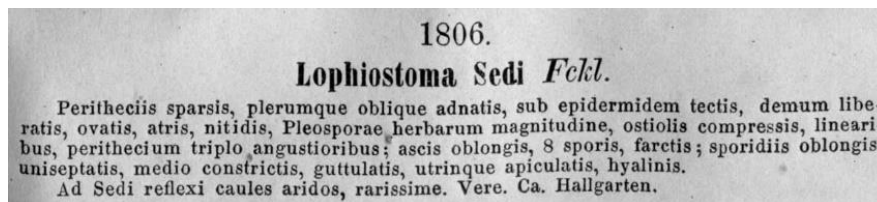


Fig. 121

Lophiostoma myriocarpum Fuckel (as “myriocarpa”), Fungi Rhen. Exs., Suppl. Fasc. 4: no. 1807, 1866 [Jahrb. Nassauischen Vereins Naturk. 23-24: 156 (1869-70) 1870].

≡ *Lophiotrema myriocarpum* (Fuckel) Sacc., Michelia 1(3): 338, 1878.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1807 (fig. 122).



Fig. 122

Lophiostoma crenatum (Pers.) Fuckel (as “crenata”), Fungi Rhen. Exs., Suppl. Fasc. 4: no. 1808, 1866 [Jahrb. Nassauischen Vereins Naturk. 23-24: 157 (1869-70) 1870].

≡ *Sphaeria crenata* Pers., Syn. meth. fung. 1: 54, 1801, nom. sanct. (Fries, Syst. Mycol. 2(2): 469, 1823).

Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 1808 (fig. 123). *Lophiostoma angustilabrum* (Berk. & Broome) Cooke, Trans. Bot. Soc. Edinburgh 9: 330, 1868 [= *Sphaeria angustilabra* Berk. & Broome, Ann. Mag. Nat. Hist., Ser. 3, 3: 372, 1859] has been considered a synonym of *L. crenatum* and treated as “current name”. However, *Lophiostoma crenatum*, based on the sanctioned name *Sphaeria crenata*, has priority.

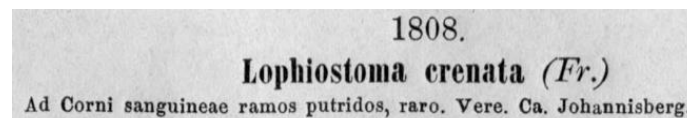


Fig. 123

Lophiostoma subcorticale Fuckel (as “subcorticalis”), Fungi Rhen. Exs., Suppl. Fasc. 4: no. 1809, 1866 [Jahrb. Nassauischen Vereins Naturk. 23-24: 157 (1869-70) 1870].

[Full synonymy, see: <http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=161927>; <https://www.mycobank.org/MB/161927>].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1809 (fig. 124).

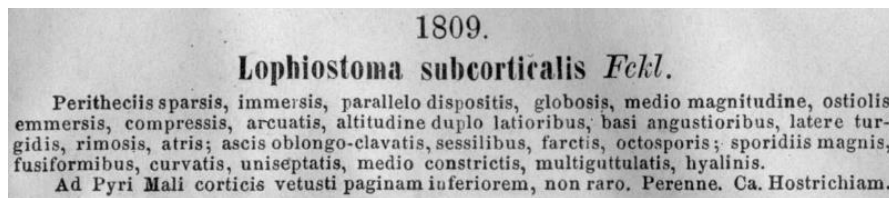


Fig. 124

Rosellinia ligniaria Nitschke, in Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 4: no. 1810, 1866, nom. nud.
 ≡ *Rosellinia ligniaria* Nitschke, in Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 150 (1869-70) 1870.

Notes: On the label of Fungi Rhen. Exs., Suppl., 1810 (fig. 125), Nitschke cited "*Sphaeria ligniaria* Grev." as potential but still unclear synonym with question mark, i.e., he was quite uncertain about this synonymy. Thus, Nitschke (l.c.) did not intend to introduce a new combination, but he also failed to add a description or diagnosis. Later, Nitschke (in Fuckel 1870) validated the name *Rosellinia ligniaria* Nitschke by adding a description. In the latter publication, he continued to cite "*Sphaeria ligniaria* Grev.?" as uncertain, but potential synonym.

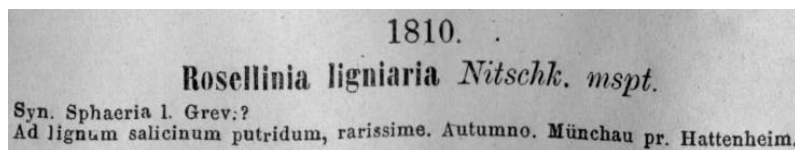


Fig. 125

Rosellinia abietina Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 4: no. 1811, 1866 [Jahrb. Nassauischen Vereins Naturk. 23-24: 150 (1869-70) 1870].

≡ *Cytospora pinastri* Fr. [as "*Cytospora*"], Syst. mycol. 2(2): 544, 1823.

[Full synonymy, see: <http://www.speciesfungorum.org/Names/SynSpecies.asp?RecordID=149267>; <https://www.mycobank.org/MB/149267>].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1811 (fig. 126).

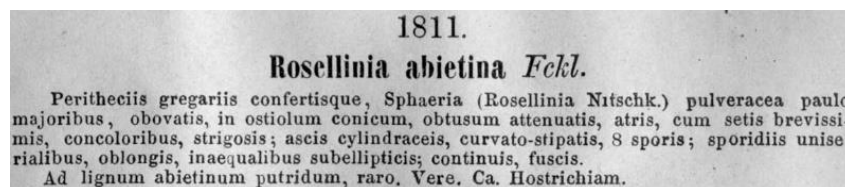


Fig. 126

Rosellinia subcorticalis Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 4: no. 1812, 1866 [Jahrb. Nassauischen Vereins Naturk. 23-24: 150 (1869-70) 1870].

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

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1812 (fig. 127).

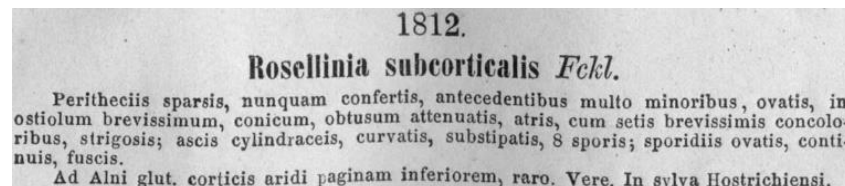


Fig. 127

Caryospora callicarpa (Curr.) Nitschke, in Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 4: no. 1813, 1866 [Jahrb. Nassauischen Vereins Naturk. 23-24: 163 (1869-70) 1870].

≡ *Sphaeria callicarpa* Curr., Trans. Linn. Soc. London 22: 321, 1859.

= (?) *Trematosphaeria callicarpa* Sacc., Syll. fung. 2: 116, 1883.

[Full synonymy, see: <http://www.speciesfungorum.org/Names/SynSpecies.asp?RecordID=226522>.]

Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 1813 (fig. 128). The authorship of the combination has to be ascribed to Nitschke, according to Art. 46.2, and not “Nitschke ex Fuckel”. *Trematosphaeria callicarpa* was usually considered a combination based on *Sphaeria callicarpa*, which is, however, not correct. Saccardo (l.c.) introduced “*Trematosphaeria callicarpa* Sacc.” and excluded *Sphaeria callicarpa* (“nec Currey”), i.e., he thought that two different species were involved. Saccardo (l.c.) also cited “*Michelia* 1: 331, 451, 1881”, but in the publications concerned he simply used the name *Caryospora callicarpa* (Curr.) Nitschke. However, the identity of *Sphaeria callicarpa* and *Trematosphaeria callicarpa* has still to be proven by re-examinations of type material.

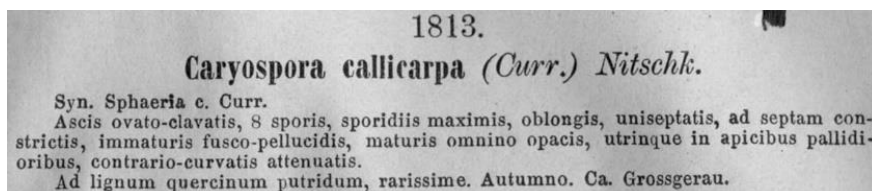


Fig. 128

Dothidea frangulae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 4: no. 1816, 1866 [Jahrb. Nassauischen Vereins Naturk. 23-24: 222 (1869-70) 1870].

≡ *Systremma frangulae* (Fuckel) Theiss. & Syd., Ann. Mycol. 13(3/4): 335, 1915.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1816 (fig. 129).



Fig. 129

Capnodium lonicerae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 4: no. 1829, 1866.

≡ *Fumago lonicerae* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 143 (1869-70) 1870].

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

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1829 (fig. 130).

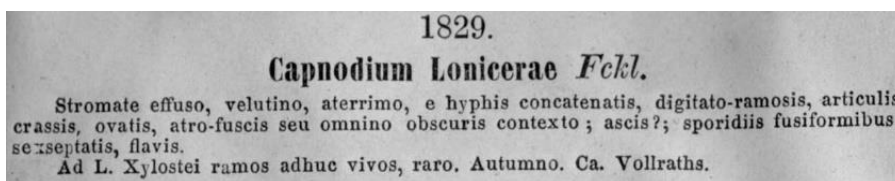


Fig. 130

Xylaria tulasnei Nitschke, in Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 4: no. 1830, 1866.

≡ *Xylaria pedunculata* var. *pusilla* Tul. & C. Tul., Select. fung. carpol. 2: 18, 1863.

≡ *Xylaria tulasnei* Nitschke, Pyrenomyc. Germ. 1: 8, 1867, isonym (Art. 6.3, Note 2).

≡ *Podosordaria tulasnei* (Nitschke) Dennis, Kew Bull. [11](2): 306, 1957.

Notes: This is a new name (stat. et nom. nov.), based on *Xylaria pedunculata* var. *pusilla*, validly published on the label of Fungi Rhen. Exs., Suppl., 1830 (fig. 131).

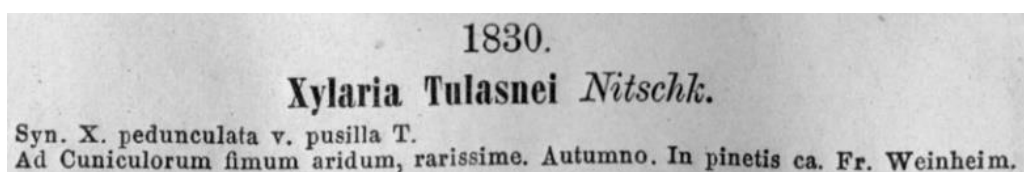


Fig. 131

Cryptodiscus tinctus Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 4: no. 1836, 1866.

≡ *Nectriella tincta* (Fuckel) R. Sant., Svensk Bot. Tidskr. 58: 235, 1964.

≡ *Pronectria tincta* (Fuckel) Lowen, Mycotaxon 39: 462, 1990.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1836 (fig. 132). Fuckel (1870: 177) cited *Cryptodiscus tinctus* as synonym (sexual morph) of *Nectriella coccinea* (Fr.) Fuckel, which is a new combination based on *Illosporium coccineum* Fr. (Syst. mycol. 3(1): 259, 1829). *Nectriella coccinea* cannot be considered a new species, intended by Fuckel to be a new teleomorph-typified name, according to Art. F.8.1. In this case, Fuckel's name would be illegitimate (nom. superfl., Art. 52.1) as the teleomorph-typified name *Cryptodiscus tinctus* was cited as synonym.

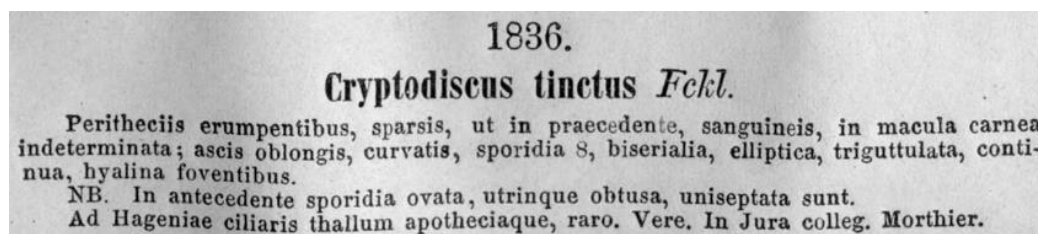


Fig. 132

Heterosphaeria morthieri Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 4: no. 1837, 1866 [Jahrb. Nassauischen Vereins Naturk. 23-24: 265 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1837 (fig. 133).

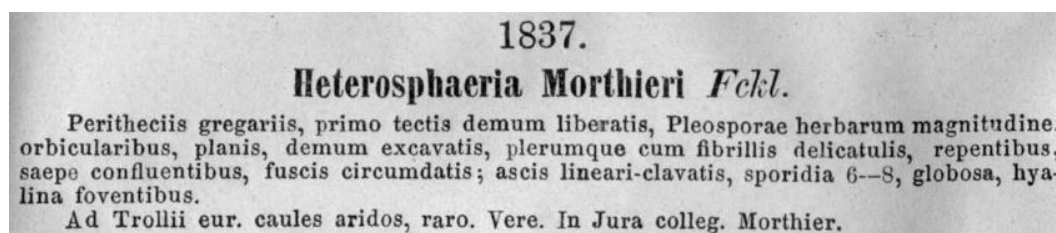


Fig. 133

Cryptostictis Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 4: no. 1838, 1866.

and

Cryptostictis hysteroioides Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 4: no. 1838, 1866.

≡ *Hendersonia hysteroioides* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 392 (1869-70) 1870.

≡ *Seimatosporium hysteroioides* (Fuckel) Brockmann, Sydowia 28(1-6): 331 (1975-1976) 1976.

Notes: This is a new genus and a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1838 (fig. 134).



Fig. 134

Cenangium populeum Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 4: no. 1839, 1866.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1839 (fig. 135). The epithet is composed of *Populus* and the Latin suffix -eus (-eum, -ea), i.e., this name was correctly formed. Fuckel (1870: 268) cited this name as synonym ("name of the spermogonial state") of his new *Cenangium populinum* Fuckel, which was, however, not superfluous, according to Art. 52.1, since it was introduced for the sexual morph (Art. F.8.1). However, the latter name is illegitimate

according to Art. 53.1 (non *Cenangium populinum* Schwein., 1832), but it was later validated as *Tympanis populina* Gillet, Champignons de France, Discom. (8): 197, [1879] 1886.

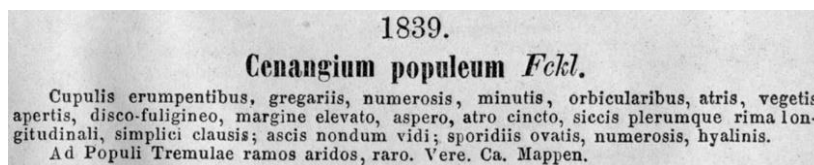


Fig. 135

Naevia caricis Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 4: no. 1841, 1866 [Jahrb. Nassauischen Vereins Naturk. 23-24: 249 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1841 (fig. 136).

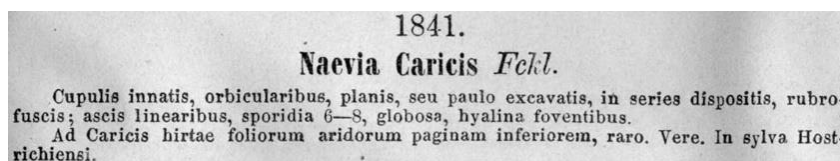


Fig. 136

Dermatea quercina Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 4: no. 1844, 1866.

≡ *Pezicula quercina* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 279 (1869-70) 1870.

= *Pezicula cinnamomea* (DC.) Sacc., Syll. fung. 8: 311, 1889.

[Full synonymy, see: <http://www.speciesfungorum.org/Names/SynSpecies.asp?RecordID=183113>; <https://www.mycobank.org/MB/183113>].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1844 (fig. 137).

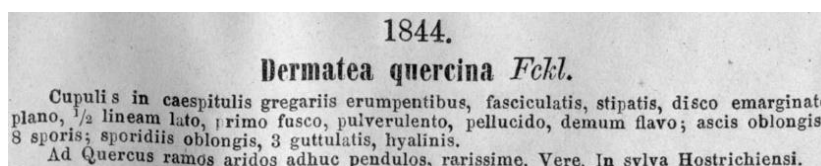


Fig. 137

Dermatea caespitosa Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 4: no. 1845, 1866 [Jahrb. Nassauischen Vereins Naturk. 23-24: 277 (1869-70) 1870].

≡ *Cenangium caespitosum* (Fuckel) Rehm, Rabenhorst's Kryptogamen-Flora, Pilze - Ascomyceten 1(3): 223, 1889.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1845 (fig. 138).

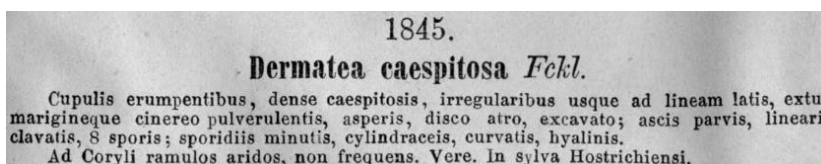


Fig. 138

Helotium sclerotiorum (Lib.) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 4: no. 1861, 1866.

≡ *Peziza sclerotiorum* Lib., Pl. crypt. Arduenna, Fasc. 4: no. 326, 1837.

≡ *Sclerotinia sclerotiorum* (Lib.) de Bary, Vergl. Morph. Biol. Pilze: 56, 1884.

[Full synonymy, see: <http://www.speciesfungorum.org/Names/SynSpecies.asp?RecordID=212553>; <https://www.mycobank.org/MB/212553>].

Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 1861 (fig. 139).

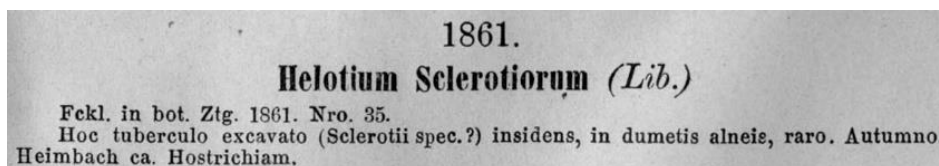


Fig. 139

Calloria rubella Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 4: no. 1862, 1866 [Jahrb. Nassauischen Vereins Naturk. 23-24: 283 (1869-70) 1870].

≡ *Hymenula callorioides* Sacc., Syll. fung. 4: 669, 1886 [non *Hymenula rubella* Fr., 1829].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1862 (fig. 140).

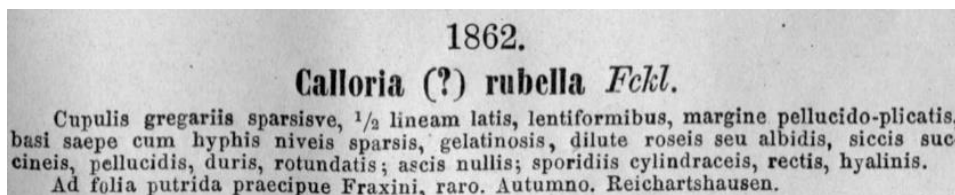


Fig. 140

Peziza nudipes Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 4: no. 1863, 1866 [Jahrb. Nassauischen Vereins Naturk. 23-24: 306 (1869-70) 1870].

≡ *Lachnum nudipes* (Fuckel) Nannf., Svensk Bot. Tidskr. 22: 124, 1928.

[Full synonymy, see: <http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=272504>; <https://www.mycobank.org/MB/272504>].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1863 (fig. 141).



Fig. 141

Peziza sabinae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 4: no. 1867, 1866.

≡ *Helotium sabinae* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 313 (1869-70) 1870.

≡ *Chloroscypha sabinae* (Fuckel) Dennis, Kew Bull. 9(2): 410, 1954.

[Full synonymy, see: <http://www.speciesfungorum.org/Names/SynSpecies.asp?RecordID=121318>; <https://www.mycobank.org/MB/121318>].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1867 (fig. 142).

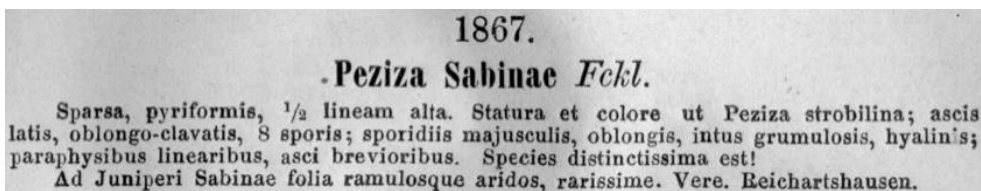


Fig. 142

Peziza scirpicola Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 4: no. 1870, 1866, nom. illegit. (Art. 53.1), non Rabenh., 1856.

≡ *Micropeziza scirpicola* Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 292 (1869-70) 1870.

= *Micropeziza cornea* (Berk. & Broome) Nannf., Bot. Notiser 129(3): 335, 1976.

[Full synonymy, see: <http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=157238>; <https://www.mycobank.org/MB/317691>].

Notes: This is an illegitimate name published on the label of Fungi Rhen. Exs., Suppl., 1870 (fig. 143), later validly published as *Micropeziza scirpicola* (Fuckel 1870). Nannfeldt (1976) reduced *Micropeziza scirpicola* to synonymy with *M. cornea*.

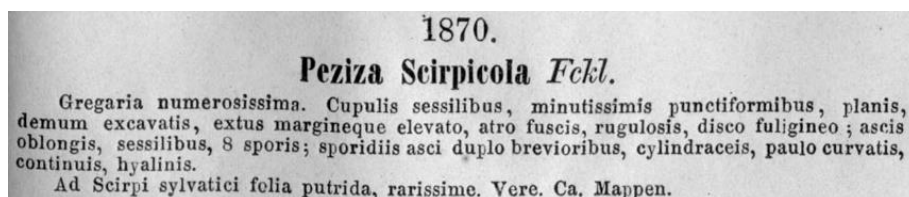


Fig. 143

Peziza peltigerae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 4: no. 1871, 1866.

≡ *Pseudopeziza peltigerae* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 291 (1869-70) 1870.

≡ *Corticifraga peltigerae* (Fuckel) D. Hawksw. & R. Sant., Bibl. Lichenol. 38: 129, 1990.

[Full synonymy, see: <http://www.speciesfungorum.org/Names/SynSpecies.asp?RecordID=126771>.]

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1871 (fig. 144).

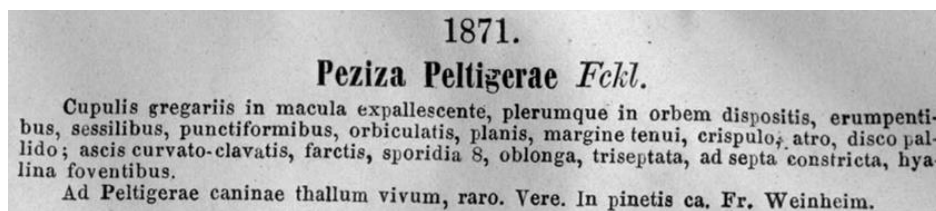


Fig. 144

Peziza cephaloidea Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 4: no. 1872, 1866.

≡ *Dasyscyphus cephaloideus* (Fuckel) Fuckel [as "*Dasyscypha*"], Jahrb. Nassauischen Vereins Naturk. 23-24: 306 (1869-70) 1870.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1872 (fig. 145).

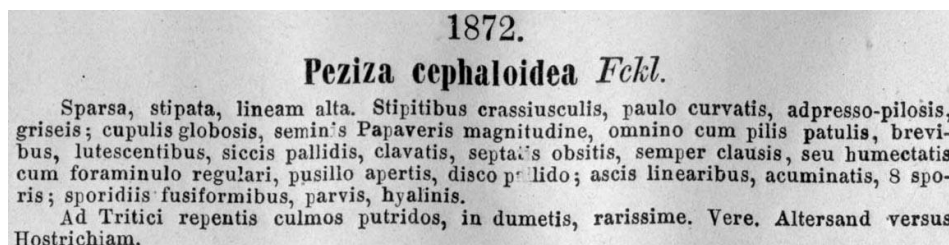


Fig. 145

Peziza griseovitellina Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 4: no. 1873, 1866.

≡ *Velutaria griseovitellina* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 300 (1869-70) 1870.

≡ *Tapesia griseovitellina* (Fuckel) Höhn. ex Petrak, Just's Bot. Jahresb. 47: 343 1919 (*lapsus calami*).

≡ *Tapesina griseovitellina* (Fuckel) Höhn., Ber. Deutsch. Bot. Ges. 37: 108, 1919.

[Full synonymy, see: Baral (2002: 118).]

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1873 (fig. 146).

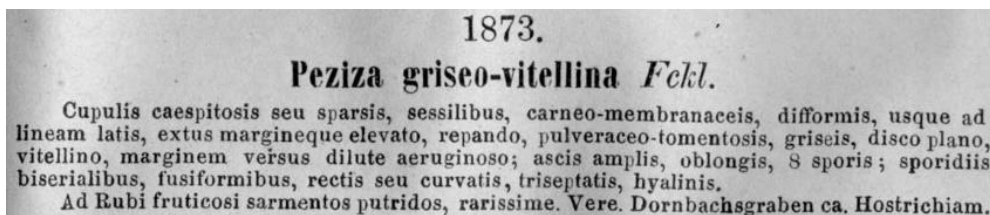


Fig. 146

Peziza leporum (Alb. & Schwein.) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 4: no. 1877, 1866.
 ≡ *Peziza granulosa* var. *leporum* Alb. & Schwein., Consp. fung.: 337, 1805.
 ≡ *Ascobolus leporum* (Alb. & Schwein.) Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 288 (1869-70) 1870.
 ≡ *Pseudombrophila leporum* (Alb. & Schwein.) Brumm., A World-Monograph of the Genus *Pseudombrophila* (Pezizales, Ascomycotina), Libri Botanici 14: 43, 1995.
 [Full synonymy, see: <http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=413970>; <https://www.mycobank.org/MB/413970>].
 Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 1877 (fig. 147).

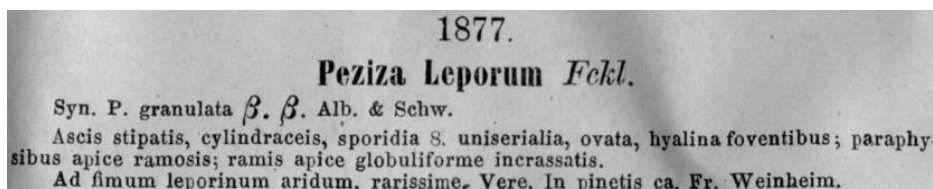


Fig. 147

Peziza catinoides Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 4: no. 1879, 1866.
 ≡ *Pustularia catinoides* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 328 (1869-70) 1870.
 ≡ *Geopyxis catinoides* (Fuckel) Sacc., Syll. fung. 8: 71, 1889.
 ≡ *Plicaria catinoides* (Fuckel) Rehm, in Rabenh., Krypt.-Fl., Edn 2, 1.3(Lief. 43): 1005, 1894.
 Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1879 (fig. 148).

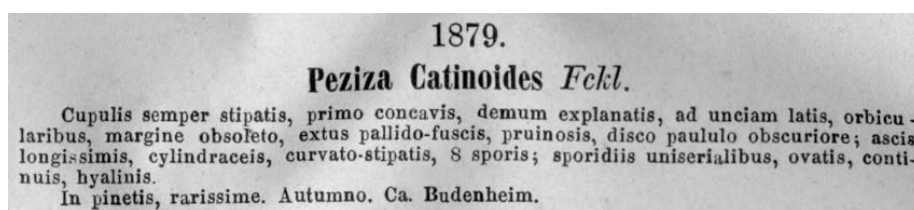


Fig. 148

Agyrium galii Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 4: no. 1881, 1866.
 ≡ *Calloria galii* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 283 (1869-70) 1870.
 Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1881 (fig. 149).



Fig. 149

Pistillaria maculicola Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 4: no. 1886, 1866 [Jahrb. Nassauischen Vereins Naturk. 23-24: 31 (1869-70) 1870].
 Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1886 (fig. 150).

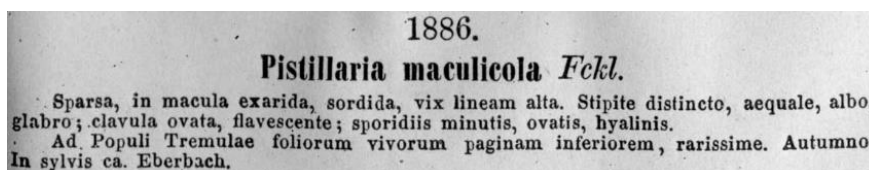


Fig. 150

Pistillaria acuminata Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 4: no. 1888, 1866 [Jahrb. Nassauischen Vereins Naturk. 23-24: 31 (1869-70) 1870].

≡ *Ceratella acuminata* (Fuckel) Pat., Essai Tax. Hyménomyc: 49, 1900.

≡ *Ceratellopsis acuminata* (Fuckel) Corner, Ann. Bot. Mem. 1: 200, 1950.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1888 (fig. 151).



Fig. 151

Typhula crassipes Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 4: no. 1891, 1866 [Jahrb. Nassauischen Vereins Naturk. 23-24: 32 (1869-70) 1870].

[Full synonymy, see: <http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=163846>.]

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1891 (fig. 152).

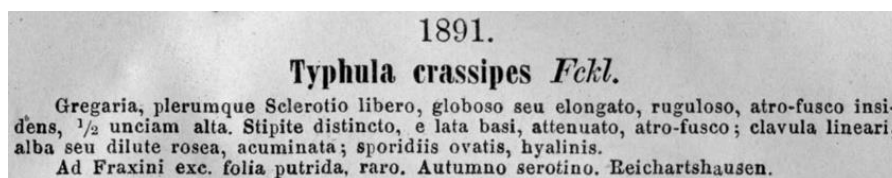


Fig. 152

Cyphella culmicola Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 4: no. 1892, 1866 [Jahrb. Nassauischen Vereins Naturk. 23-24: 25 (1869-70) 1870].

≡ *Chaetocypha culmicola* (Fuckel) Kuntze, Revis. gen. pl. 2: 847, 1891.

≡ *Glabrocyphella culmicola* (Fuckel) U. Braun & Bensch, **comb. nov.** (Basionym: *Cyphella culmicola* Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 4: no. 1892, 1866). MycoBank, MB837906.

= *Cyphella epileuca* Berk. & Broome, J. Linn. Soc. Bot. 14: 74, (1873) 1875, nom. illegit. (Art. 53.1), non Berk. & M.A. Curtis, 1860.

≡ *Cyphella epileucina* Sacc., Syll. fung. 6: 681, 1888.

≡ *Chaetocypha epileucina* (Sacc.) Kuntze, Revis. gen. pl. 2: 847, 1891.

≡ *Glabrocyphella epileucina* (Sacc.) W.B. Cooke, Beih. Sydowia 4: 48, 1961.

= *Cyphella porrigens* Burt, Ann. Missouri Bot. Gard. 1: 368, 1914.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1892 (fig. 153). Cooke (1961) treated the taxonomy of this species in detail and reduced *Cyphella culmicola* to synonymy with *Glabrocyphella epileucina*. However, he overlooked the priority of *C. culmicola*. Fuckel's name is the earliest legitimate name that ought to have been applied to this species (Art. 11.4).

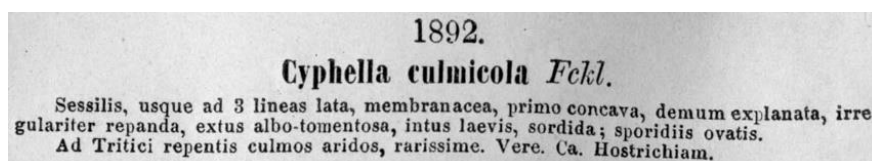


Fig. 153

Fasc. 5

Peronospora linariae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1903, 1867 [Bot. Z. 27(5): 80, 1869; Jahrb. Nassauischen Vereins Naturk. 23-24: 70 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1903 (fig. 154).

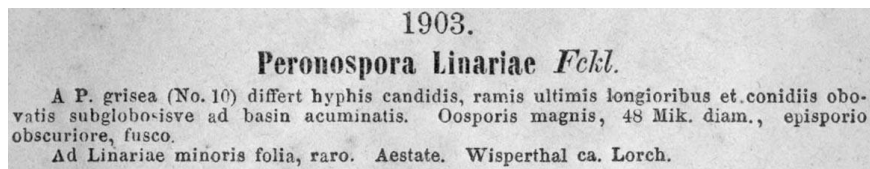


Fig. 154

Torula velutina Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1907, 1867 [Bot. Z. 27(5): 80, 1869; Jahrb. Nassauischen Vereins Naturk. 23-24: 348 (1869-70) 1870], nom. illegit. (Art. 53.1), non Preuss, 1851.

≡ *Torula fuckelii* Sacc., Syll. fung. 4: 250, 1886.

Notes: This is an illegitimate name published on the label of Fungi Rhen. Exs., Suppl., 1907 (fig. 155).



Fig. 155

Torula ramosa Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1908, 1867 [Bot. Z. 27(5): 80, 1869; Jahrb. Nassauischen Vereins Naturk. 23-24: 348 (1869-70) 1870].

≡ *Oidium ramosum* (Fuckel) S. Hughes, Can. J. Bot. 31: 591, 1953.

= *Alysidium resinae* (Fr.) M.B. Ellis, Dematiaceous Hyphomycetes: 90, 1971.

[Full synonymy, see: <http://www.speciesfungorum.org/Names/SynSpecies.asp?RecordID=308527>; <https://www.mycobank.org/MB/308527>].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1908 (fig. 156).

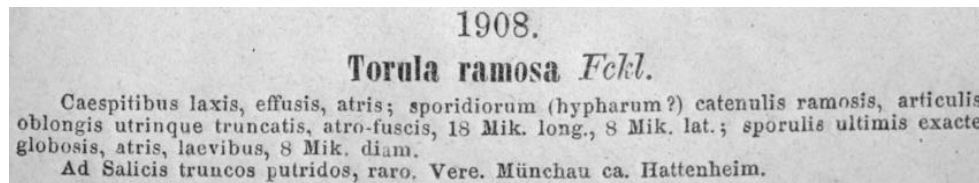


Fig. 156

Scoliotrichum bulbigerum Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1910, 1867 [Bot. Z. 27(5): 80, 1869]. Lectotype (designated by Braun 1998: 335): Fuckel, Fungi Rhen 1910 (HAL, s. n.).

≡ *Ovularia bulbigera* (Fuckel) Sacc., Syll. fung. 4: 140, 1886.

≡ *Isariopsis bulbigera* (Fuckel) Savile, Canad. J. Bot. 35: 201, 1957.

≡ *Phacellium bulbigerum* (Fuckel) U. Braun, Nova Hedwigia 50(3-4): 509, 1990.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1910 (fig. 157).

Rossmann et al. (2016) proposed the combination *Ramularia pseudomaculiformis*, based on the assumption that *Sphaeria pseudomaculiformis* being the sexual morph of *Scoliotrichum bulbigerum* and that this species pertains to *Ramularia*. However, this is not yet phylogenetically proven. Until this complex issue will be clarified, we prefer to keep two distinct species:

Ramularia pseudomaculiformis (Desm.) Rossmann & W.C. Allen, IMA Fungus 7(1): 4, 2016.

≡ *Sphaeria pseudomaculiformis* Desm., Ann. Sci. Nat., Bot., Sér. 3, 6: 83, 1846.

≡ *Sphaerella pseudomaculiformis* (Desm.) Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 106 (1869-70) 1870.

≡ *Mycosphaerella pseudomaculiformis* (Desm.) J. Schröt., in Cohn, Krypt.-Fl. Schlesien 3 (2-3): 337, 1894.

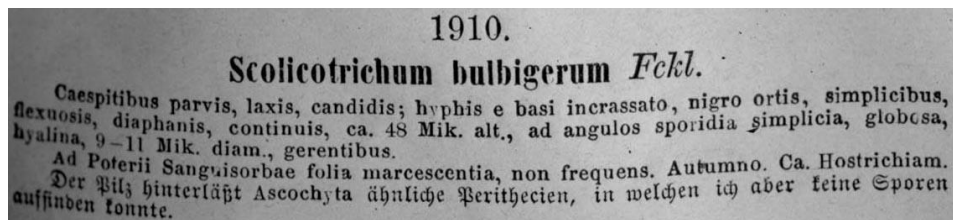


Fig. 157

Cryptosporium mori Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1912, 1867 [Bot. Z. 27(5): 80, 1869; Jahrb. Nassauischen Vereins Naturk. 23-24: 352 (1869-70) 1870].

≡ *Macmillanina mori* (Fuckel) Kuntze, Revis. gen. pl. 3(3): 491, 1898.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1912 (fig. 158).

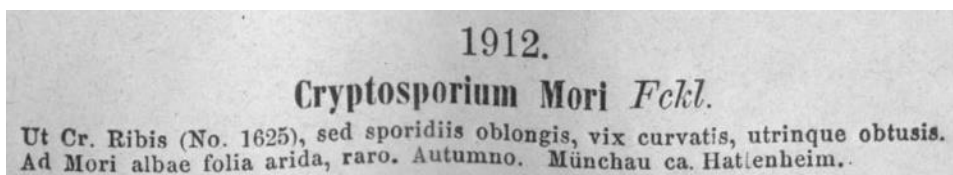


Fig. 158

Arthrimum morthieri Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1914, 1867 [Bot. Z. 27(5): 80, 1869; Jahrb. Nassauischen Vereins Naturk. 23-24: 357 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1914 (fig. 159).



Fig. 159

Fusidium persicinum Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1915, 1867 [Bot. Z. 27(5): 80, 1869; Jahrb. Nassauischen Vereins Naturk. 23-24: 371 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1915 (fig. 160).

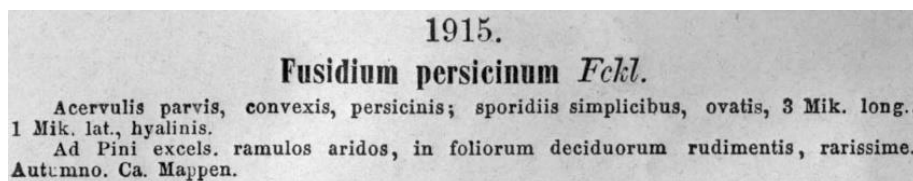


Fig. 160

Fusidium granulatum Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1916, 1867 [Bot. Z. 27(5): 80, 1869; Jahrb. Nassauischen Vereins Naturk. 23-24: 371 (1869-70) 1870].

≡ *Monocillium granulatum* (Fuckel) W. Gams, Cephalosporium-artige Schimmelpilze: 157, 1971.

= *Niesslia luzulae* (Westend.) W. Gams, Mycol. Progr. 18(1-2): 31, 2019.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1916 (fig. 161).

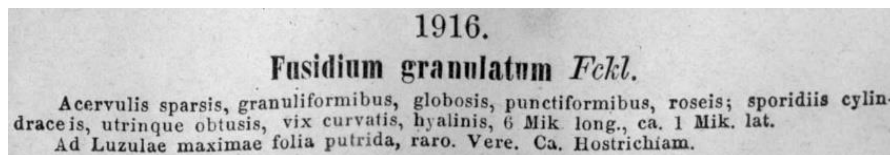


Fig. 161

Coryneum maculicola Fuckel (as “*maculicolum*”), Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1917, 1867 [Bot. Z. 27(5): 80, 1869; Jahrb. Nassauischen Vereins Naturk. 23-24: 372 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1917 (fig. 162).



Fig. 162

Sphaeridium candidum Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1919, 1867 [Bot. Z. 27(5): 81, 1869].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1919 (fig. 163). Fuckel (1870) cited this name as asexual morph of *Pezizella pulchella*.

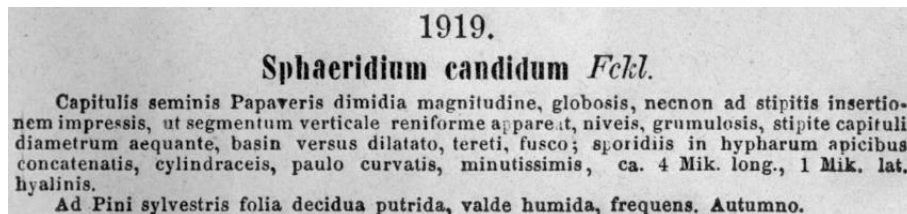


Fig. 163

Fusisporium kuehnii Fuckel (as “*kühnii*”), Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1920, 1867 [Bot. Z. 27(5): 81, 1869; Jahrb. Nassauischen Vereins Naturk. 23-24: 371 (1869-70) 1870].

≡ *Fusarium kuehnii* (Fuckel) Sacc., Syll. fung. 4: 714, 1886.

= *Fusisporium devastans* J.G. Kühn, Krankh. Kulturgew.: 32, 1858, nom. inval. (Art. 38.1 a).

= ?*Athelia arachnoidea* (Berk.) Jülich, Willdenowia 7: 53, 1972 (according to Gerlach & Nirenberg 1982: 97).

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1920 (fig. 164).



Fig. 164

Fusarium stercoris Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1921, 1867 [Bot. Z. 27(5): 81, 1869; Jahrb. Nassauischen Vereins Naturk. 23-24: 369 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1921 (fig. 165).



Fig. 165

Stysanus clematidis Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1922, 1867 [Bot. Z. 27(5): 81, 1869; Jahrb. Nassauischen Vereins Naturk. 23-24: 365 (1869-70) 1870].

≡ *Phaeoisaria clematidis* (Fuckel) S. Hughes, Canad. J. Bot. 36: 795 1958.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1922 (fig. 166).

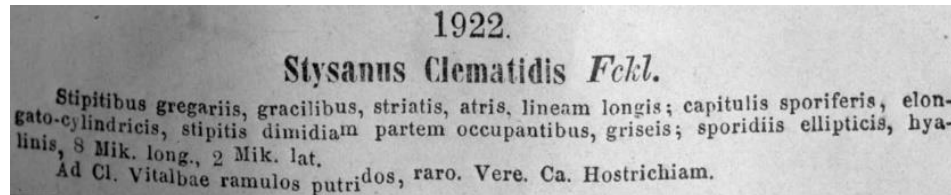


Fig. 166

Fellneria Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1923, 1867 [Bot. Z. 27(5): 81, 1869].
and

Fellneria grossulariae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1923, 1867 [Bot. Z. 27(5): 81, 1869].

≡ *Vermicularia grossulariae* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 374 (1869-70) 1870].

Notes: This is a new genus and a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1923 (fig. 167).



Fig. 167

Fellneria eryngii (Corda) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1924, 1867 [Bot. Z. 27(5): 81, 1869].

≡ *Excipula eryngii* Corda, Icon. fung. 1: 24, 1837.

≡ *Vermicularia eryngii* (Corda) Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 374 (1869-70) 1870].

≡ *Colletotrichum eryngii* (Corda) S. Ahmad, Monogr. Biol. Soc. Pakistan 1: 93, 1956.

= *Colletotrichum dematium* (Pers.) Grove, J. Bot. 56: 341, 1918.

Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 1924 (fig. 168).

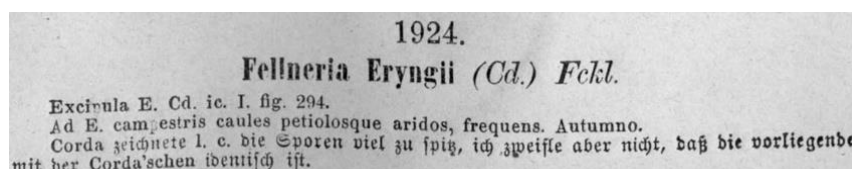


Fig. 168

Tilletia calamagrostidis Fuckel (as “*calamagrostis*”), Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1925, 1867 [Bot. Z. 27(5): 81, 1869; Jahrb. Nassauischen Vereins Naturk. 23-24: 40 (1869-70) 1870].

≡ *Ustilago calamagrostidis* (Fuckel) G.P. Clinton, J. Mycol. 8(3): 138, 1902.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1925 (fig. 169).



Fig. 169

Ascochyta pulmonariae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1936, 1867 [Bot. Z. 27(5): 81, 1869; Jahrb. Nassauischen Vereins Naturk. 23-24: 386 (1869-70) 1870].

≡ *Phyllosticta pulmonariae* (Fuckel) Sacc., Syll. fung. 3: 56, 1884.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1936 (fig. 170). Mel'nik (1977) examined type material of this species and accepted the name *Phyllosticta pulmonariae*. However, all examined syntypes of *A. pulmonariae* only contained immature ascomata, probably belonging to a *Mycosphaerella*-like fungus (Van der Aa & Vanev 2002: 387).

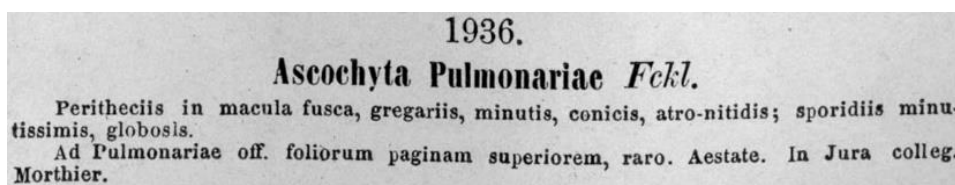


Fig. 170

Asteroma orobi Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1938, 1867 [Bot. Z. 27(5): 82, 1869; Jahrb. Nassauischen Vereins Naturk. 23-24: 386 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1938 (fig. 171).

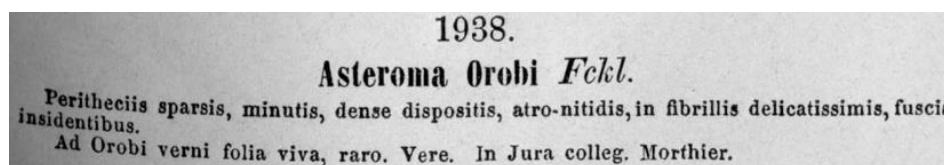


Fig. 171

Sphaeropsis malvae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1939, 1867 [Bot. Z. 27(5): 82, 1869; Jahrb. Nassauischen Vereins Naturk. 23-24: 397 (1869-70) 1870].

≡ *Macropodia malvae* (Fuckel) Kuntze, Revis. gen. pl. 3(3): 492, 1898.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1939 (fig. 172).

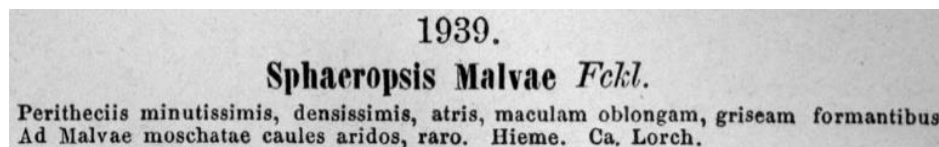


Fig. 172

Phoma penicillata Fuckel (as “*penicillatum*”), Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1941, 1867 [Bot. Z. 27(5): 82, 1869; Jahrb. Nassauischen Vereins Naturk. 23-24: 378 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1941 (fig. 173). Fuckel (1874: 23) cited *Phoma penicillata* as asexual morph of *Pleospora penicillus* (J.C. Schmidt ex Fr.) Fuckel.



Fig. 173

Phoma corticis Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1943, 1867 [Bot. Z. 27(5): 82, 1869; Jahrb. Nassauischen Vereins Naturk. 23-24: 378 (1869-70) 1870].

≡ *Macrophoma corticis* (Fuckel) Berl. & Voglino, Atti Soc. Veneto-Trent. Sci. Nat. 10(1): 189, 1886.

≡ *Phomopsis corticis* (Fuckel) Grove, J. Bot. 56: 290, 1918.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1943 (fig. 174).

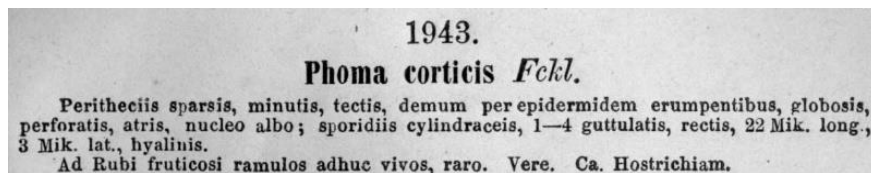


Fig. 174

Phoma obtusa Fuckel (as "obtusum"), Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1944, 1867 [Bot. Z. 27(5): 82, 1869; Jahrb. Nassauischen Vereins Naturk. 23-24: 378 (1869-70) 1870].

≡ *Peyronellaea obtusa* (Fuckel) Aveskamp, Gruyter & Verkley, in Aveskamp et al., Stud. Mycol. 65: 33, 2010.

≡ *Didymella protuberans* (Lév.) Qian Chen & L. Cai, Stud. Mycol. 82: 180, 2015.

[Full synonymy, see: <http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=515608>; <https://www.mycobank.org/MB/814117>].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1944 (fig. 175).

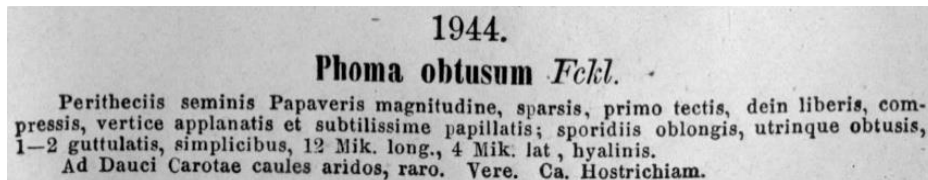


Fig. 175

Phoma sphaerosperma Fuckel (as "sphaerospermum"), Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1945, 1867 [Bot. Z. 27(5): 82, 1869].

≡ *Coniothyrium sphaerospermum* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 377 (1869-70) 1870.

≡ *Clisosporium sphaerospermum* (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., 1945 (fig. 176).

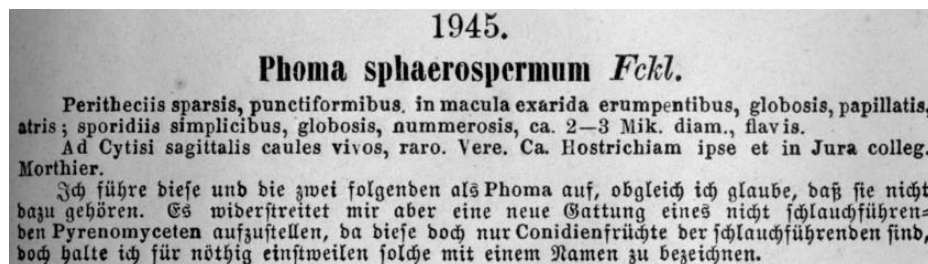


Fig. 176

Phoma ovisperma Fuckel (as "ovispermum"), Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1946, 1867 [Bot. Z. 27(5): 82, 1869].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1946 (fig. 177). Fuckel (1970: 161) cited *Phoma ovisperma* as asexual morph of *Teichospora brevirostris* (Fr.) Fuckel.

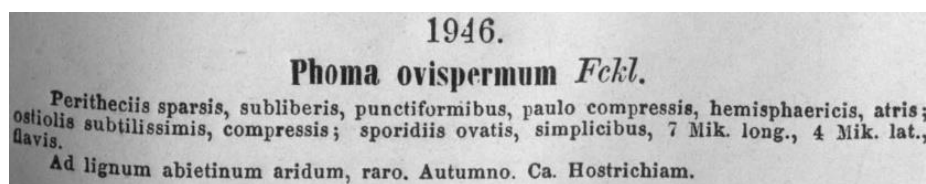


Fig. 177

Phoma mixta Fuckel (as “mixtum”), Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1947, 1867 [Bot. Z. 27(5): 82, 1869].

≡ *Coniothyrium mixtum* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 377 (1869-70) 1870.

≡ *Clisosporium mixtum* (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., 1947 (fig. 178).

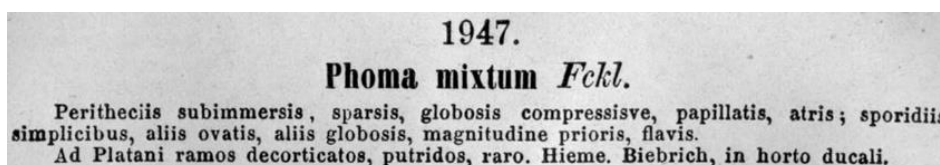


Fig. 178

Diplodia lantanae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1949, 1867 [Bot. Z. 27(5): 82, 1869; Jahrb. Nassauischen Vereins Naturk. 23-24: 395 (1869-70) 1870].

≡ *Metadiplodia lantanae* (Fuckel) Zambett., Bull. Trimestriel Soc. Mycol. France 70(3): 284, 1955.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1949 (fig. 179).



Fig. 179

Diplodia lonicerae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1951, 1867 [Bot. Z. 27(5): 82, 1869].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1951 (fig. 180). Fuckel (1870: 141) cited *Diplodia lonicerae* as asexual morph of *Didymosphaeria xylostei* Fuckel.

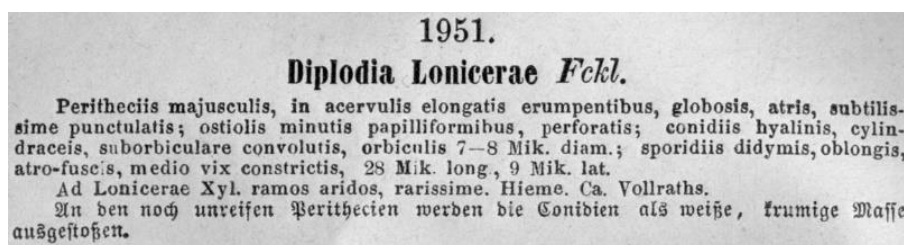


Fig. 180

Diplodia euonymi Fuckel (as “evonymi”), Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1952, 1867 [Bot. Z. 27(5): 82, 1869; Jahrb. Nassauischen Vereins Naturk. 23-24: 395 (1869-70) 1870], nom. illegit. (Art. 53.1), non Westend., in Kickx, 1867.

Notes: This is an illegitimate name published on the label of Fungi Rhen. Exs., Suppl., 1952 (fig. 181).

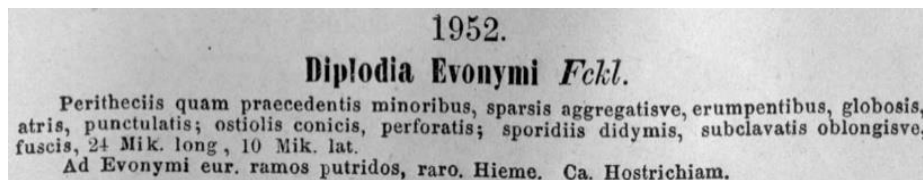


Fig. 181

Diplodia tiliae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1953, 1867 [Bot. Z. 27(5): 83, 1869; Jahrb. Nassauischen Vereins Naturk. 23-24: 394 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1953 (fig. 182).



Fig. 182

Diplodia scabra Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1954, 1867 [Bot. Z. 27(5): 83, 1869; Jahrb. Nassauischen Vereins Naturk. 23-24: 395 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1954 (fig. 183).

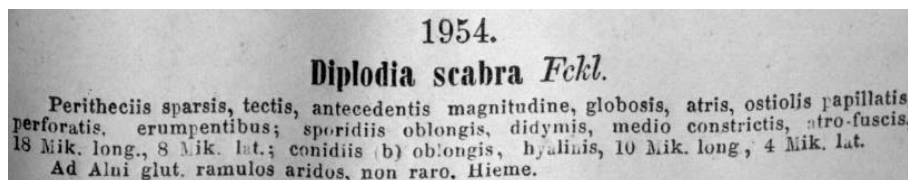


Fig. 183

Diplodia frangulae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1955, 1867 [Bot. Z. 27(5): 83, 1869].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1955 (fig. 184). Fuckel (1870: 174) cited *Diplodia frangulae* as asexual morph of *Cucurbitaria rhamni* (Nees) Fuckel [= *Neocucurbitaria rhamni* (Nees) Jaklitsch et al., 2017].



Fig. 184

Diplodia dulcamarae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1956, 1867 [Bot. Z. 27(5): 83, 1869].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1956 (fig. 185). Fuckel (1870: 175) cited *Diplodia dulcamarae* as asexual morph of *Cucurbitaria dulcamarae* (Kunze & J.C. Schmidt) Fr.



Fig. 185

Diplodia alni Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1957, 1867 [Bot. Z. 27(5): 83, 1869; Jahrb. Nassauischen Vereins Naturk. 23-24: 395 (1869-70) 1870].

≡ *Metadiplodiaalni* (Fuckel) Zambett., Bull. Trimestriel. Soc. Mycol. France **70**(3): 293, 1955.

[Full synonymy, see: <http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=155370>; <https://www.mycobank.org/MB/155370>].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1957 (fig. 186).



Fig. 186

Diplodia cerasorum Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1958, 1867 [Bot. Z. **27**(5): 83, 1869].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1958 (fig. 187). Fuckel (1870: 154) cited *Diplodia cerasorum* as asexual morph of *Massaria vibratilis* Fuckel (≡ *Amphisphaeria vibratilis* (Fuckel) E. Müll.).

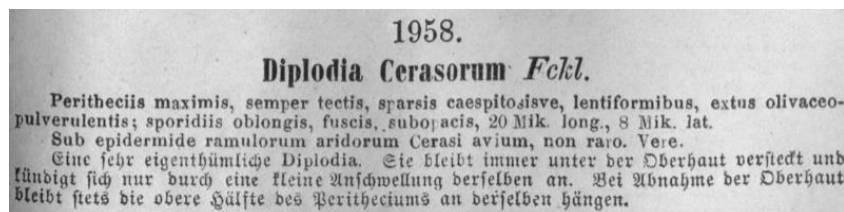


Fig. 187

Diplodia crataegi Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1959, 1867 [Bot. Z. **27**(5): 83, 1869], nom. illegit. (Art. 53.1), non Westend., 1866.

= *Otthia crataegi* Jahrb. Nassauischen Vereins Naturk. **25-26**: 307, 1871.

= *Otthia spiraeae* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. **23-24**: 170 (1869-70) 1870.

[Full synonymy, see: <http://www.speciesfungorum.org/Names/SynSpecies.asp?RecordID=166179>; <https://www.mycobank.org/MB/166179>].

Notes: This is an illegitimate name published on the label of Fungi Rhen. Exs., Suppl., 1959 (fig. 188). Fuckel (1871: 307) cited *Diplodia crataegi* as asexual morph under *Otthia crataegi*, which is a legitimate teleomorph-typified name (Art. F.8.1).



Fig. 188

Labrella potentillae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1960, 1867 [Bot. Z. **27**(5): 83, 1869; Jahrb. Nassauischen Vereins Naturk. **23-24**: 380 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1960 (fig. 189).

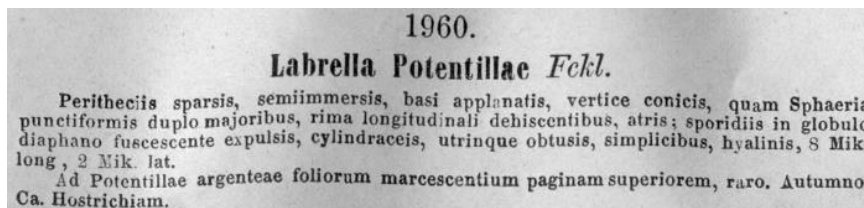


Fig. 189

Chaetomium cuniculorum Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1961, 1867 [Bot. Z. **27**(5): 83, 1869; Jahrb. Nassauischen Vereins Naturk. **23-24**: 89 (1869-70) 1870].

≡ *Subramaniula cuniculorum* (Fuckel) X. Wei Wang & Samson, in Wang et al., Stud. Mycol. **84**: 220, 2016.

[Full synonymy, see: <http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=818877>; <https://www.mycobank.org/MB/818877>].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1961 (fig. 190).

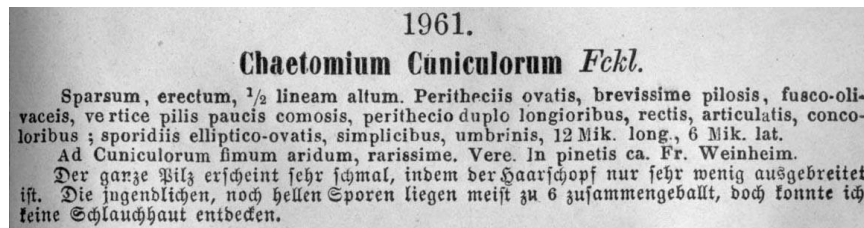


Fig. 190

Chaetomella Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1962, 1867 [Bot. Z. **27**(5): 83, 1869; Jahrb. Nassauischen Vereins Naturk. **23-24**: 401 (1869-70) 1870].

and

Chaetomella oblonga Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1962, 1867 [Bot. Z. **27**(5): 83, 1869; Jahrb. Nassauischen Vereins Naturk. **23-24**: 401 (1869-70) 1870].

≡ *Volutellospora oblonga* (Fuckel) Thirum. & P.N. Mathur, Sydowia **18**(1-6): 39, 1965.

= *Chaetomella oblonga* var. *major* Sacc., Syll. fung. **3**: 322, 1884.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1962 (fig. 191).

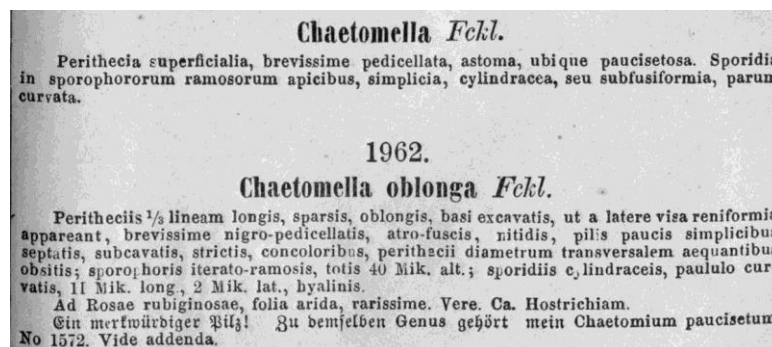


Fig. 191

Excipula petiolicola Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1963, 1867 [Bot. Z. **27**(5): 84, 1869; Jahrb. Nassauischen Vereins Naturk. **23-24**: 400 (1869-70) 1870].

≡ *Trochila petiolicola* (Fuckel) Rehm, Hedwigia **23**(4): 55, 1884.

= *Hysteropeziza petiolicola* (Fuckel) Petr., Ann. Mycol. **20**(5/6): 325, 1922.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1963 (fig. 192).

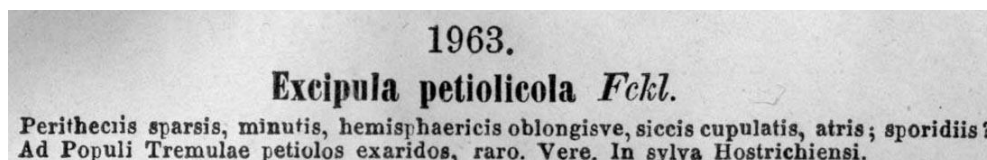


Fig. 192

Tympanis acicola Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1965, 1867 [Bot. Z. **27**(5): 84, 1869;].

≡ *Pezicula aterrima* Fuckel, Jahrb. Nassauischen Vereins Naturk. **23-24**: 278 (1869-70) 1870., nom. illeg. (Art. 52.1).

≡ *Phacidium aterrimum* Sacc. (as "(Fuckel) Sacc."), Syll. fung. **8**: 713, 1889.

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1965 (fig. 193).



Fig. 193

Diaporthe crataegi (Berk. & Broome) Nitschke, in Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1986, 1867 [Bot. Z. 27(5): 84, 1869].

≡ *Sphaeria crataegi* Curr., Trans. Linn. Soc. London 22: 278, 1859, nom. illegit. (Art. 53.1) non Schwein. 1832.

≡ *Valsa crataegi* Berk. & Broome (as "(Curr.) Berk. & Broome"), Ann. Mag. Nat. Hist., ser. 3, 3: 365, 1859.

[Full synonymy, see: <http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=182200>; <https://www.mycobank.org/MB/182200>].

Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 1986 (fig. 194).

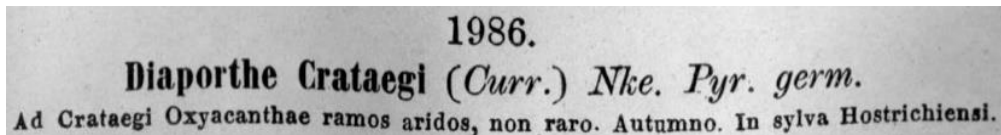


Fig. 194

Diaporthe alnea Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1988, 1867 [Bot. Z. 27(5): 84, 1869; Jahrb. Nassauischen Vereins Naturk. 23-24: 207 (1869-70) 1870].

Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1988 (fig. 195).



Fig. 195

Diaporthe circumscripta (J.C. Schmidt & Kunze) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1991, 1867 [Bot. Z. 27(5): 84, 1869; Jahrb. Nassauischen Vereins Naturk. 23-24: 208 (1869-70) 1870].

≡ *Sphaeria circumscripta* J.C. Schmidt & Kunze, Deutschl. Schwämme, Siebente Lieferung: 2, 1817.

= *Aglaospora profusa* (Fr.) De Not., Giorn. Bot. Ital. 2(1): 43, 1844.

Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 1991 (fig. 196). Synonymy according to Shoemaker & LeClair (1975), see Braun (2016: 26).

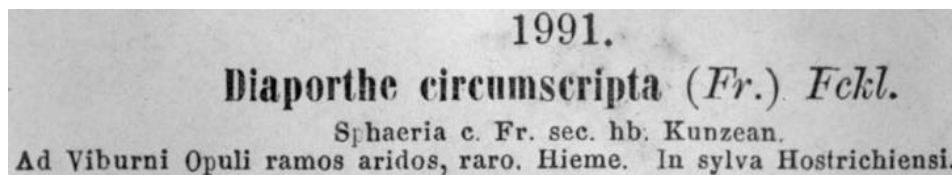


Fig. 196

Diaporthe innesii (Curr.) Nitschke, in Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1993, 1867 [Bot. Z. 27(5): 84, 1869; Jahrb. Nassauischen Vereins Naturk. 23-24: 204 (1869-70) 1870].

≡ *Sphaeria innesii* Curr., Trans. Linn. Soc. London 22: 281, 1859.

≡ *Calosporella innesii* (Curr.) J. Schröt., Krypt.-Fl. Schlesien 3-2(10): 442, 1897.

= *Prosthecium platanoidis* (Pers.) M.E. Barr [as “*platanoides*”], Mycol. Mem. 7: 186, 1978.
 [Full synonymy, see: <http://www.speciesfungorum.org/Names/SynSpecies.asp?RecordID=321016>;
<https://www.mycobank.org/MB/120684>].
 Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 1993 (fig. 197).

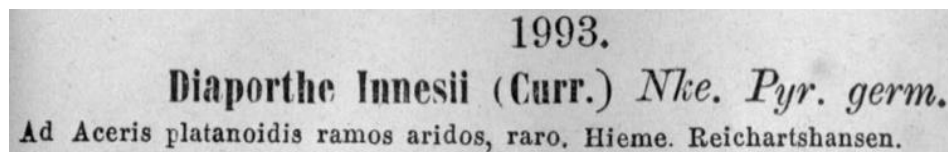


Fig. 197

Diaporthe vepris (Lacroix) Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1994, 1867 [Bot. Z. 27(5): 84, 1869; Jahrb. Nassauischen Vereins Naturk. 23-24: 208 (1869-70) 1870].
 ≡ *Sphaeria vepris* Lacroix, in Rabenh., Fungi Eur. Exs. (Klotzschii Herb. Viv. Mycol. Continuatio, Ed. Nova, Ser. Sec.), Cent. 5: no. 443, 1862 [Bot. Zeitung 20: 199, 1862].
 ≡ *Anisogramma vepris* (Lacroix) Merezko, in Smitskaya, Smyk & Merezko, Opredelitel' Pirenomitsetov USSR (Kiev): 258, 1986.
 [Full synonymy, see: <http://www.speciesfungorum.org/Names/SynSpecies.asp?RecordID=129328>;
<https://www.mycobank.org/MB/129328>].
 Notes: This is a new combination validly published on the label of Fungi Rhen. Exs., Suppl., 1994 (fig. 198).

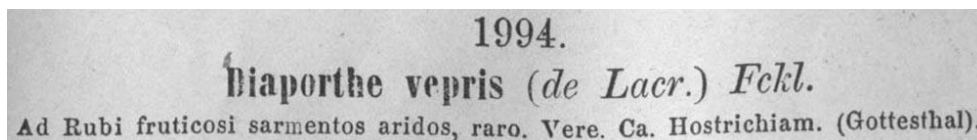


Fig. 198

Diaporthe amygdalinae Fuckel, Fungi Rhen. Exs., Suppl. Fasc. 5: no. 1995, 1867 [Bot. Z. 27(5): 84, 1869].
 ≡ *Gnomonia amygdalinae* (Fuckel) Fuckel, Jahrb. Nassauischen Vereins Naturk. 23-24: 121 (1869-70) 1870.
 ≡ *Gnomoniella amygdalinae* (Fuckel) Sacc., Syll. fung. 1: 418, 1882.
 ≡ *Plagiostoma amygdalinae* (Fuckel) Sogonov, Stud. Mycol. 62: 70, 2008.
 Notes: This is a new species validly published on the label of Fungi Rhen. Exs., Suppl., 1995 (fig. 199).

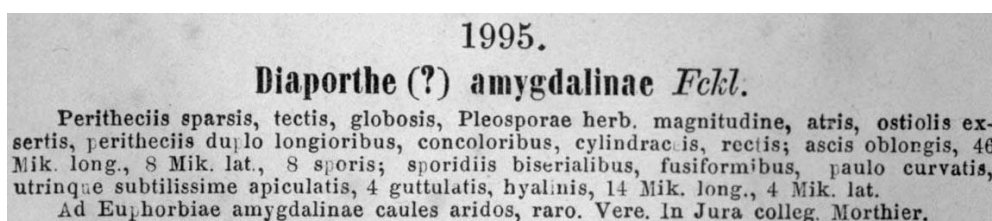


Fig. 199

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