

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).

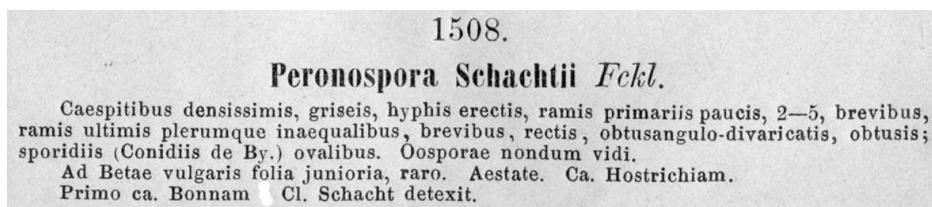


Fig. 1

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).

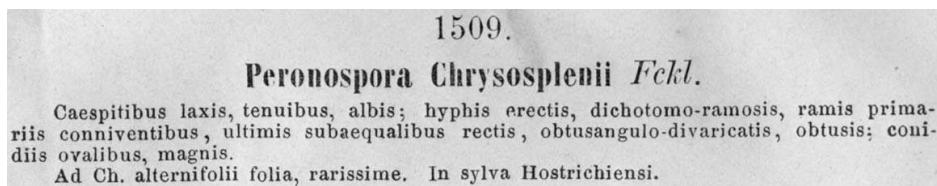


Fig. 2

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).

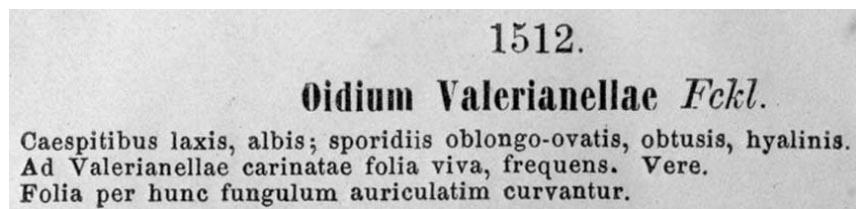


Fig. 3

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).

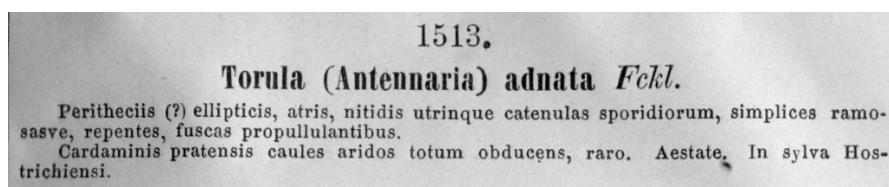


Fig. 4

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).

1515.

Stemphylium paradoxum (Cord. sub. Sporidesmio.)

Ad Betulae corticem vetustum aridum, non frequens. Vere. In sylva Hostrichiensi.

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).

1519.

Cercospora radiata Fckl.

Caespitibus in maculis fuscis, laxis, fuscis; hyphis fasciculatis, simplicibus, septatis, fuscis; sporidiis hyphae duplo longioribus, linearibus medio paulo latioribus, 3—5 septatis, stellatim divergentibus, hyalinis.

Ad Anthyllis Vulnerariae folia viva, raro. Aestate. Ca. Budenheim.

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).

1520.

Cercospora Rhamni Fckl.

Caespitibus tenuissimis, olivaceis, in maculis subfuscis; hyphis flexuosis, septatis, sub-simplicibus, fuscis; sporidiis hyphae triplo longioribus, filiformi-clavatis, 3—5 septatis, rectis, multiguttulatis, fuscis.

Ad Rhamni catharticae folia viva, raro. Autumno. Ca. Darmstadt.

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).

Hadrotrichum Fckl.

Hyphae in caespitibus densis congestae, simplices, crassae, continuae, apice monosporae; sporidia globosa, simplicia.

1522.

Hadrotrichum Phragmitis Fckl.

Caespitibus in maculis expallescensibus, erumpentibus ab epidermide fissa circumdati, oblongis, planis, atro-olivaceis, opacis; hyphis perpendiculariter dispositis, obtusis, medio paulo crassioribus, olivaceis; sporidiis globosis, hypharum diametro transversale aequantibus, olivaceis.

Ad Ph. communis foliorum vivorum paginam inferiorem, rarissime. Autumno. Münchau prope Hattenheim.

Fig. 8

Myrioccephalum 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).

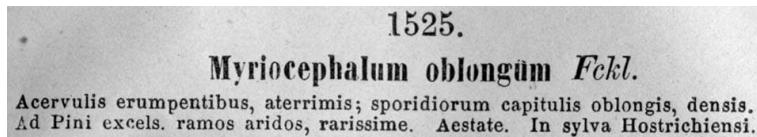


Fig. 9

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 hysteroides* (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).

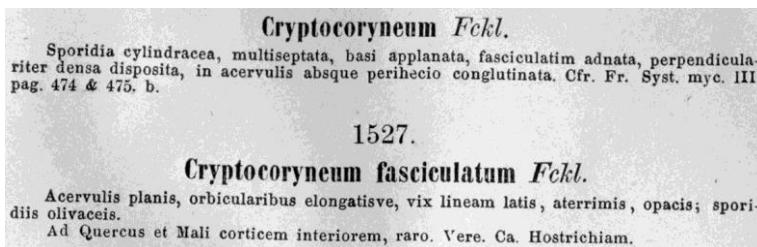


Fig. 10

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).

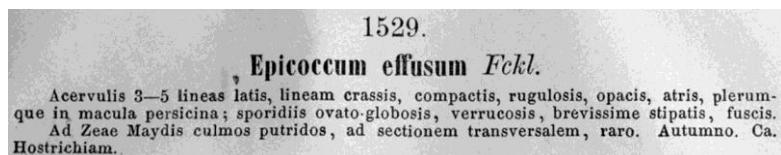


Fig. 11

Myrothecium ellipsosporum Fuckel (“*Myrothecium ellipsisporum*”), 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).

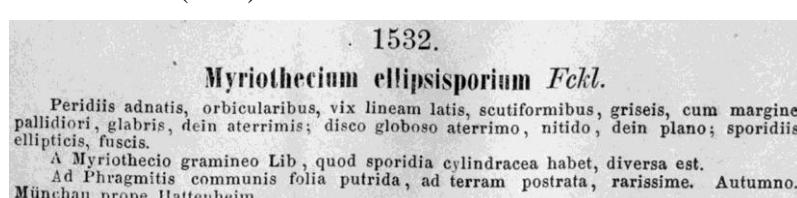


Fig. 12

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).

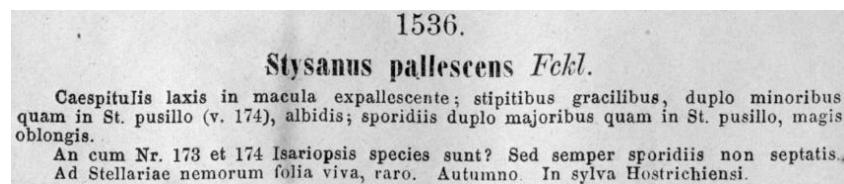


Fig. 13

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*.

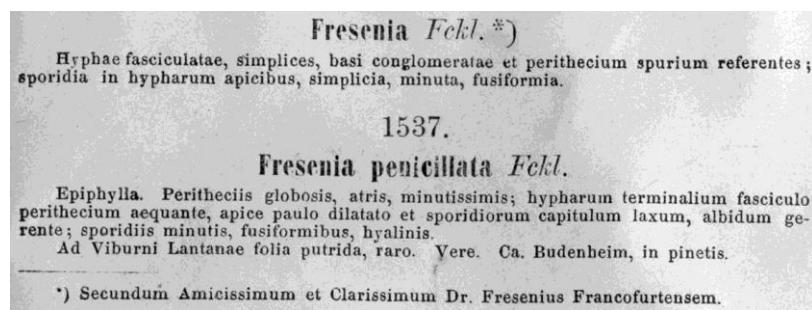


Fig. 14

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)].

1545.

Ceratitium Mali Fckl.

Syn. *Aecidium Mali* Schum.
Ad Pyri M. sylvestris folia, raro. Aestate. In sylva Hostrichensi.
b. *Fungus spermogoniferus.*

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.

1549.

Physoderma Sagittariae Fckl.

Acervulis minutis, subpustulatis, numerosis, in macula fusca sub epidermide nidulantibus; sporidiis magnis, globosis, subangulatis, cum episporio crasso, luteo.
Ad Sagittariae sagittae folia viva, raro. Autumno. Ca. Hattenheim.

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 hederae* 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 hederae*, which is a recognised species of *Asteromella* (see Ruszkiewicz-Michalska 2016).

1553.

Ascochyta maculans Fckl

Peritheciis minutis, conicis, in acervulis minutis aggregatis, atris, in macula fusca.
Ad Hederae Helicis foliorum vivorum paginam superiorem, raro. Autumno. In
sylvis ca. Eberbach.

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).

1554.

Ascochyta Ebuli Fckl.

Peritheciis in maculis expallescensibus, gregariis, conicis, fuscis, apice albicantibus;
sporidiis minutis, cylindraceis, simplicibus.
d Sambuci E. folia marcescentia, frequens. Autumno. In sylva Hostrichensi.

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).

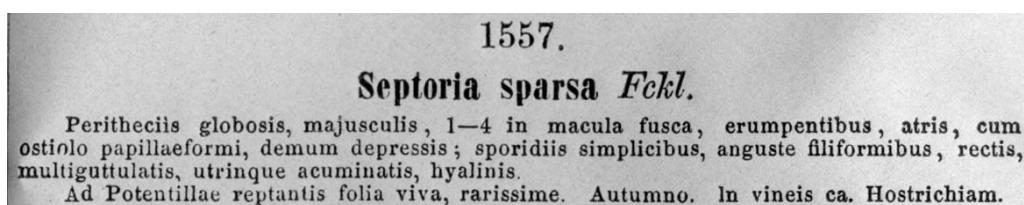


Fig. 20

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).

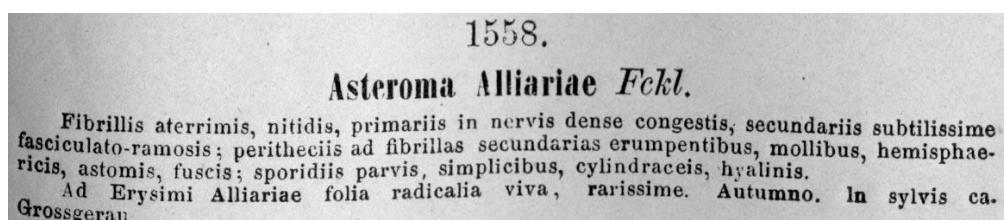


Fig. 21

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).

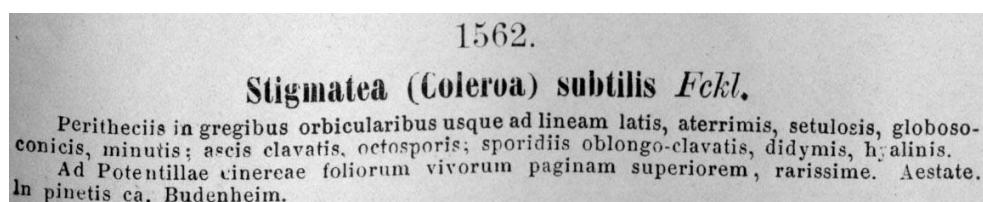


Fig. 22

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*.

1568.

Rhaphidospora pellita Fckl.

E. F. N. sub. Sphaerolina.

Syn. *Sphaeria* p. Fr.

Ad *Ballotae nigrae* caules aridos, raro. Vere. Ca. Hostrichiam.

Fig. 23

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

and

Psilothecium 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 *Psilothecium innumerabile* as spermogonial synonymy of *Myriocarpa cytisi* Fuckel.

Psilothecium Fckl.

Ut Vermicularia Fr., sed perithecia immersa, vertice glabra. Sporidia longa, cylindracea, vermicularia, multiseptata.

1571.

Psilothecium innumerabile Fckl.

Peritheciis numerosissimis minutissimis ab epidermide tectis, atris; sporidiis hyalinis.
Ad *Cytisi sagittalis* caules subvivos, raro. Vere. In sylva Hostrichensi.

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).

1572.

Chaetomium paucisetum Fckl.

Peritheciis carbonaceis, fragilibus, totum superficialibus, globosis, astomis, atro-nitidis, seminis Papaveris quadruplo minoribus, cum pilis paucis strictis, atris, peritheciis deametro transversali dimidio aequantibus; sporidiis fusiformibus, simplicibus, fuscens-tibus.

Ad caules culmosque varios aridos, raro. Vere. Ca. Hostrichiam.

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).

1574.

Sphaeria perpusilla Fckl.

Peritheciis tectis, demum subliberis, minutis, depressis, papillatis, atris; ostiolis erum-pentibus; ascis vermiculato-curvatis; sporidiis ovatis, hyalinis, simplicibus (?).

Ad *Phella* drie aq. caules ramulosque aridos, raro. Vere. Altersand versus Host-richian.

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).

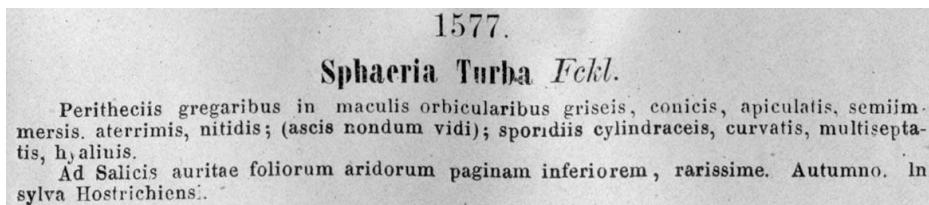


Fig. 27

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.) Quaedvlieg & 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).

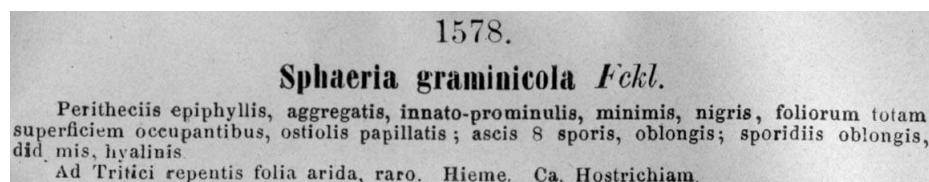


Fig. 28

Nectria appplanata 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 appplanata* (Fuckel) U. Braun & Bensch comb. nov.

MycoBank, MB837903.

[Basionym: *Nectria appplanata* Fuckel, Hedwigia 5(2): 27, 1866.]

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

= *Cucurbitaria mammoidea* (W. Phillips & Plowr.) Kuntze (as “*mammoidea*”]), 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. Bakteriol., 2. Abt., 94: 135, 1936.

Notes: Fuckel (1866: 27) introduced the name *Nectria appplanata*, 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 Höhnel & Weese (1910: 465) and Booth (1959) and identified as *Nectria mammoidea*.

Fuckel (1871: 310) described the homonymous name *Nectria appplanata* Fuckel, based on “Fuckel, Fungi Rhen. 2356”. Gräfenhan et al. (2011: 108) introduced the new name *Stylolectria carpini* based on *N. appplanata* 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 *Stylolectria appplanata* Höhn., 1815. But it is also a new name replacing the illegitimate name *Nectria appplanata* Fuckel, 1871 (non Fuckel, 1866):

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

= *Cucurbitaria appplanata* 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.

≡ *Stylolectria 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).

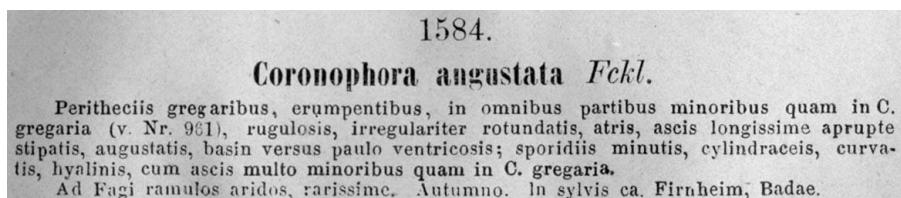


Fig. 30

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 petiolicoa* 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.

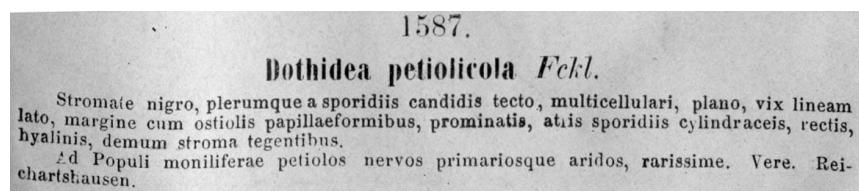


Fig. 32

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.

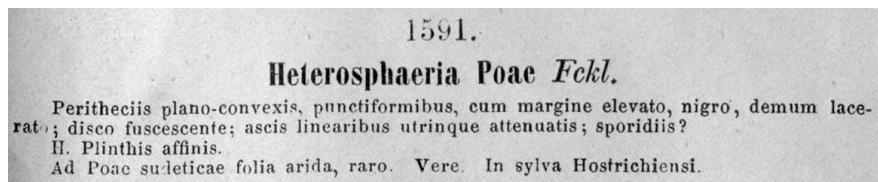


Fig. 33

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).

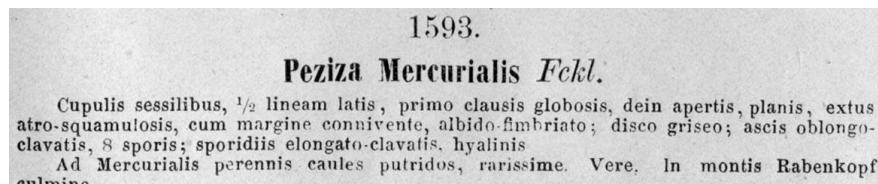


Fig. 34

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).

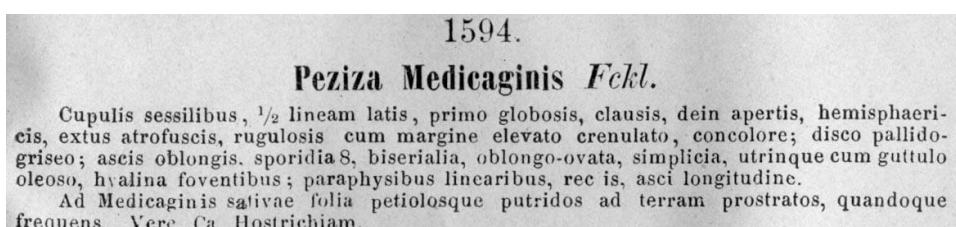


Fig. 35

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 Hostrichensi
An Torula Pezizae subicum 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 rugulosus; 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 planatis, 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 conidiophoribus 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).

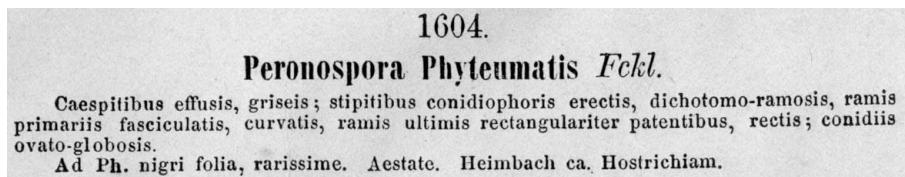


Fig. 40

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).

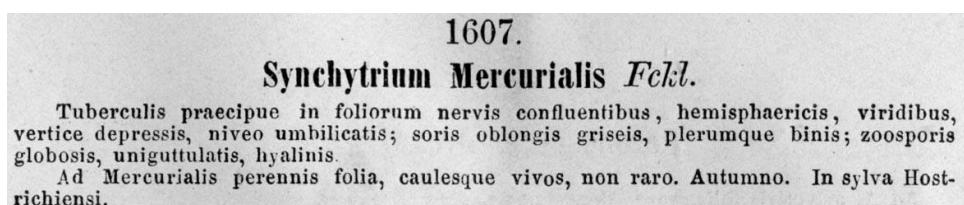


Fig. 41

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).

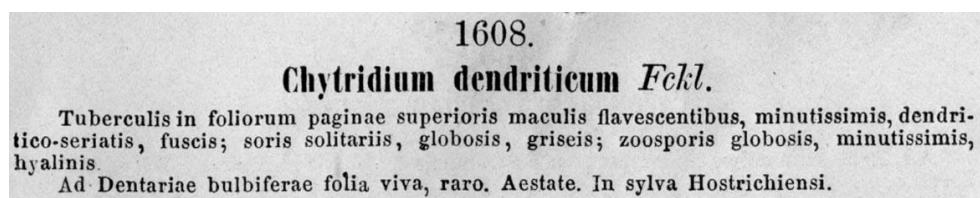


Fig. 42

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).

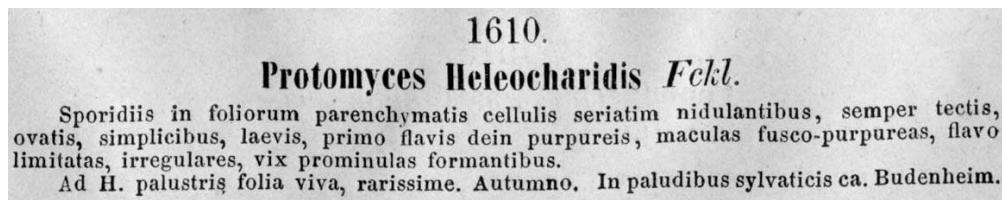


Fig. 43

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).

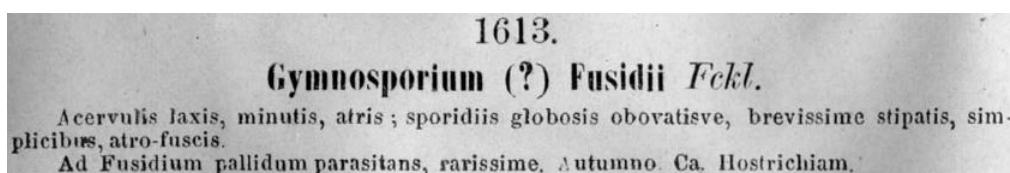


Fig. 44

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 "charticolum"], 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).

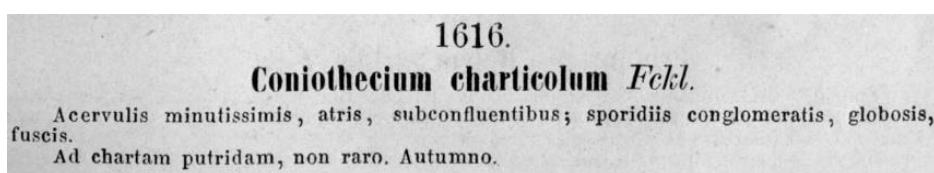


Fig. 46

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).

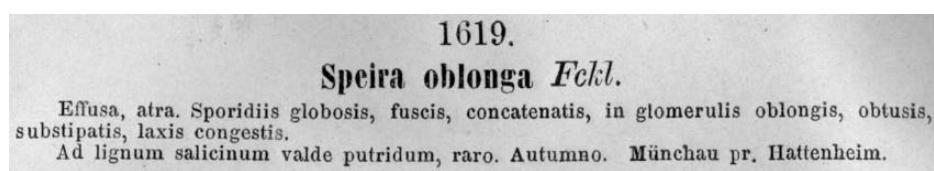


Fig. 47

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).

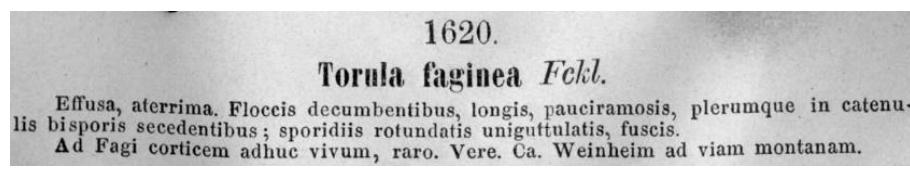


Fig. 48

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.

≡ *Taenioella 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).

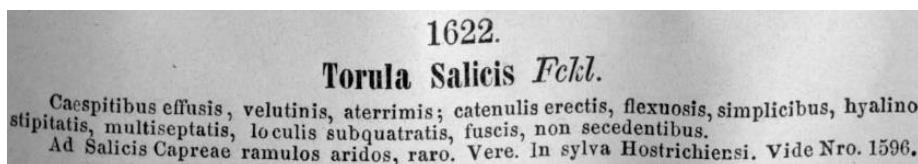


Fig. 49

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).

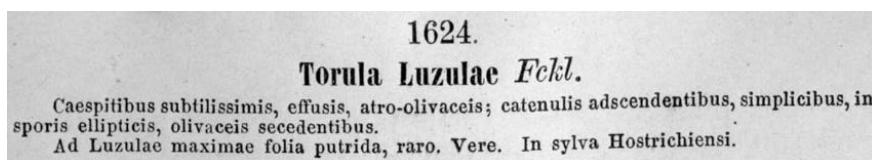


Fig. 50

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).

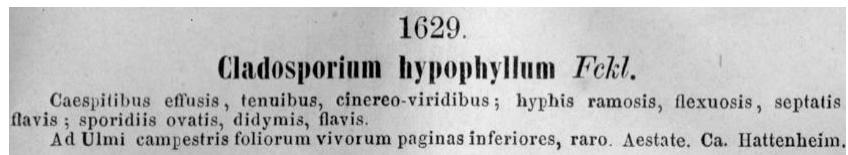


Fig. 51

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).

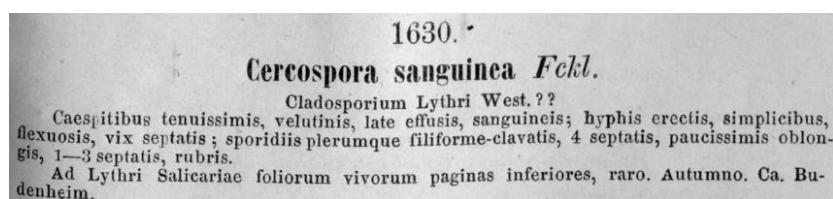


Fig. 52

Cercospora maianthemi Fuckel [as "maianthemi"], 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).

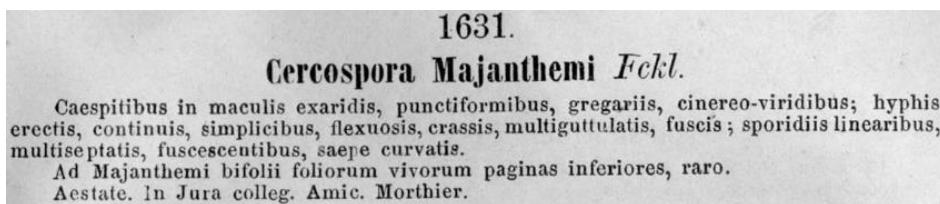


Fig. 53

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).

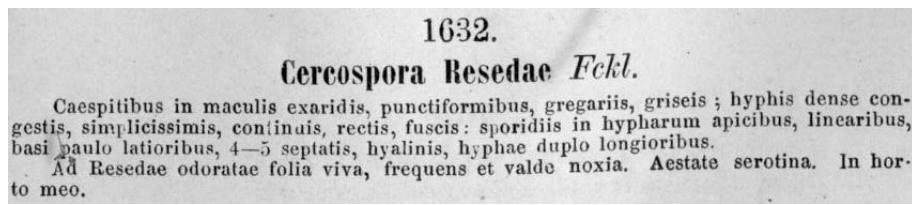


Fig. 54

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.

≡ *Neovularia 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).

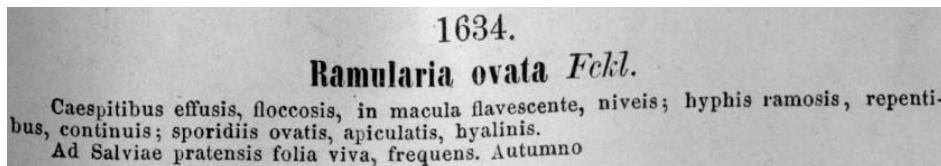


Fig. 55

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. *canaegrincola* Henn., Notizbl. Königl. Bot. Gart. Berlin 1(7): 238, 1897.

≡ *Ovularia canaegrincola* (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).

1635.

Ramularia obovata Fckl.

Caespitibus minutissimis, punctiformibus, gregariis, niveis, plerumque in macula exarida; hyphis erectiusculis, ramosis, continuis; sporidiis oblongo-obovatis, hyalinis.
Ad Rumicis crispi folia viva marcescentiaque, raro. Autumno. Ca Erbach.

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).

1636.

Ramularia gibba Fckl.

Caespitibus minutissimis, punctiformibus, gregariis, niveis, in macula flavescente, demum hemisphaerico-turgida; hyphis simplicibus, erectis; sporidiis fusiformibus, rectis, triguttulatis, hyalinis, hypharum longitudine.
Ad Ranunculi repentis foliorum vivorum paginam inferiorem, rarissime. Aestate.
Ca. Hostrichiam.

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. *obtusa*, validly published on the label of Fungi Rhen. Exs., Suppl., 1637 (fig. 58). The name *Menispora ciliata* var. *obtusa* 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.

1637.

Menispora Preussii Fckl.

Syn. *M. ciliata* var. *obtusata* Prss. in Linn. 24. Nro. 65.
Ad Betulae albae corticem interiorem, raro. Autumno. In sylva Hostrichiensi.

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).

1638.

Verticillium fuscum Fckl.

Caespitibus laxe tomentosis, fuscis; hyphis repentibus adscendentibusque ramosis, septatis, fuscis; ramulis quaternis, basi incrassatis, patentibus, apice sporidia globosa, minutissima, uniguttulata, nivea gerentibus.
Ad folia quercina putrida, raro. Autumno. Münchau pr. Hattenheim.

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).

1645.

Sarcopodium foliicolum Fckl.

Stromate hemisphaericum, vix acus capitum magnitudine, cinnabarino, gelatinoso, cum ciliis candidis septatis circinato, in foliorum macula expallescente nidulante; sporidiis cylindraceis, rectis seu paululo curvatis, continuis, hyalinis.

Ad Mercurialis perennis foliorum vivorum paginam inferiorem, rarissime. Aestate serotino. In montis Rabenkopf culmine.

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).

1650.

Gloeosporium Betulae Fckl.

Acervulis erumpentibus, in laciniis 2-4 laceratis, depressis, atris; sporidiis cylindraceis, utrinque obtusis, rectis, continuis, hyalinis.

Ad Betulae albae folia arida pendula, rarissime. Autumno. In sylva Hostrichensi.

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).

1651.

Gloeosporium Sanguisorbae Fckl.

Hypophyllum. Acervulis erumpentibus, gregariis in macula fusca, punctiformibus, hemisphaericis, siccis concavis, fuscis; sporidiis oblongis, hyalinis, simplicibus.

Ad S. officinalis folia viva, raro. Autumno. Ca. Hostrichiam

Fig. 62

Gloeosporium aiterrimum 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).

1652.

Gloeosporium aiterrimum Fckl.

Gl. Salicis West. ?

Epiphyllum. Acervulis tectis, in macula atra, confluentibus; cirrhis brevibus, curvatis, candidis; sporidiis ovato-oblongis, laulo curvatis, utrinque cum guttulo oleoso, continuis, hyalinis.

Ad Salicis albae folia viva, quandoque frequens. Aestate serotino. Ad Rheni ripas.

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.

1653.

Fusidium tumescens Fckl.

Caespitibus in ramulis novellis, effusis, niveis; sporidiis cylindraceis, curvatis, hyalinis.
Caules demum poroso-tumescentes. Ad Vaccinii Vitis Ideae, frequens. Aestate.

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).

1656.

Coryneum foliicolum Fckl.

Acervulis erumpentibus, ab epidermide fissa circumdati, punctiformibus, planis,
atro-fuscis; sporidiis ovato-oblongis, longe pedicellatis, triseptatis, flavis.
Ad Quercus et Crataegi folia arida, rarissime. Vere. Ca. Hostrichiam.

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).

1657.

Coryneum rostratum Fckl.

Acervulis erumpentibus, gregariis, punctiformibus, planis, fusco-olivaceis, demum li-
beris; sporidiis ovatis, utrinque attenuatis, 4 septatis, flavis, loculo inferiore in stipitem
longam, rectam, superiore in rostrum, curvatum, sporido dimidio aequantem, hyalimum
transiente.

Ad Quercus foliorum aridorum adhuc pendulorum paginam inferiorem, rarissime.
Vere. Ca. Hostrichiam.

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).

1658.

Exosporium Rosae Fckl.

Sporidochiis in macula exarida, gregariis, punctiformibus, hemisphaericis, atris,
ubique sporidia filiformia, multiseptata, hyalina gerentibus.
Ad Rosae alpinae folia viva, raro. Aestate. In Jura colleg. Amic. Morthier.

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).

1666.

Uromyces acutatus Fckl.

Ur. proprius.

Acervulis primo tectis, dein per epidermidem longitudinaliter fissam erumpentibus,
atro-fuscis; sporidiis ovatis seu obovatis, breviter stipatis, apice hyalino-apiculatis, fuscis.
Ad Allii oleracei folia, raro. Vere. Ca. Hostrichiam.

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).

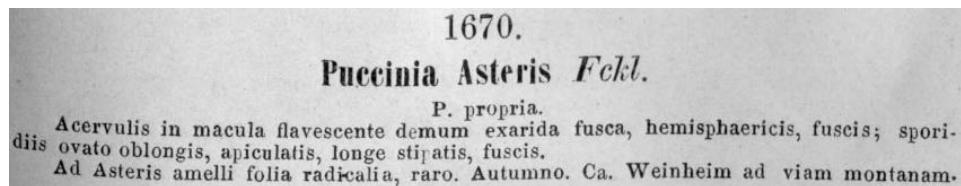


Fig. 69

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).

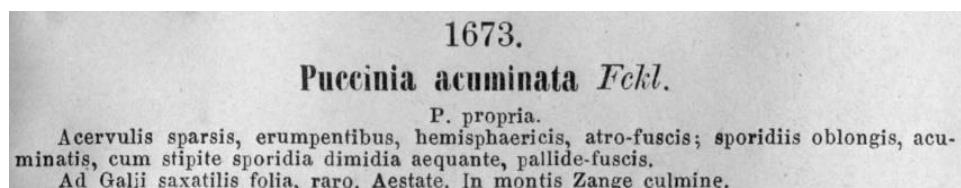


Fig. 70

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).

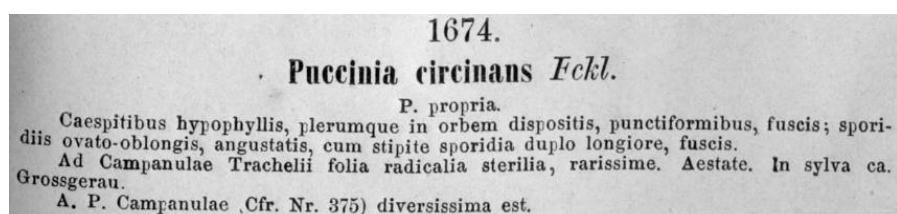


Fig. 71

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 fragariastri* DC., 1815, was cited as synonym in the protologue.

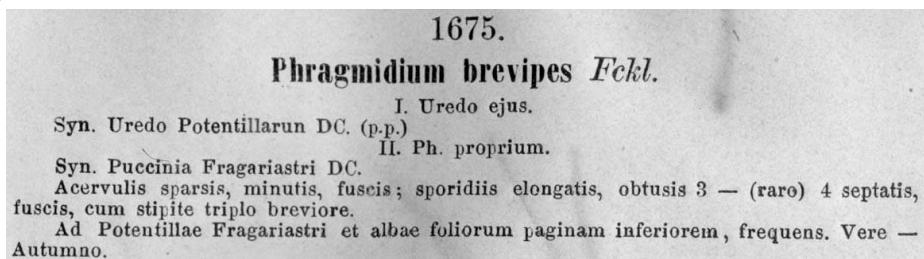


Fig. 72

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).

1676.

Septoria Cynodontis Fckl.

Peritheciis minutissimis, in stromate spurio nigro seriatim dispositis, ostiolis minutis, papillatis, prominulis, cirrhis amorphis, sordidis; sporidiis filiformibus, longissimis, hyalinis.
Ad Cynodontis Dactilon. folia arida adhuc gerentia, raro. Autumno. Münchau ca. Hattenheim.

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 didy whole* (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).

1677.

Septoria didyma Fckl.

Peritheciis in macula fusca, minutissimis, fuscis, vix prominulis, cirrhis albis seu dilute rosellis, punctiformibus, amorphis; sporidiis oblongis, utrinque obtusis, curvatis, uniseptatis, hyalinis.
Ad Salicis triandrae folia viva, raro. Autumno. Ad Rheni ripas.

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.

1680.

Septoria Atriplicis Fckl.

Peritheciis in plantarum vivarum foliis expallescensibus, globosis, pertusis, punctiformibus, atris; cirrhis diaphanis, globosis; sporidiis oblongis, utrinque obtusis, uniseptatis, hyalinis.
In Atriplicis patulae foliis, raro. Autumno. Ca. Hattenheim.

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).

1681.

Septoria Cydoniae Fckl.

Peritheciis gregariis subconfluentibus, tectis, minutis, atris; ostiolis prominulis, perforatis; sporidiis angustissimis filiformibus, continuis, hyalinis.
Ad Cydoniae vulg. folia decidua, non raro. Autumno. Ca. Budenheim.

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).

1687.

Asteroma maculare Fckl.

Peritheciis gregariis, subconfluentibus, globosis, in ostiolum conicum protractis, nitidis, aterrimis, fibrillis tenuissimis, repentinibus, fuscis circumdatis.
Ad Galeopsidis Tetrahit caules aridos, raro. Hieme. Ca. Hostrichiam.

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).

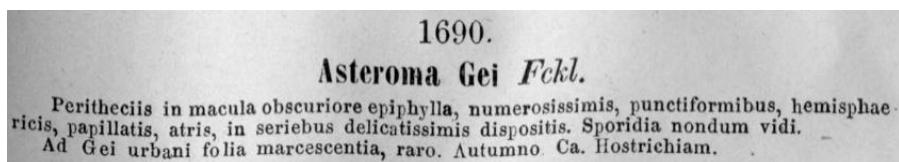


Fig. 78

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).

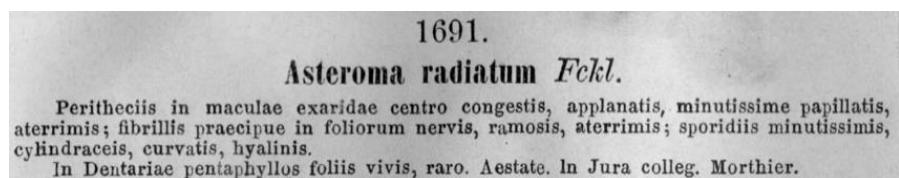


Fig. 79

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).

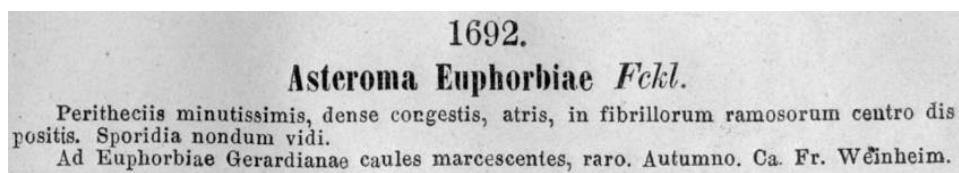


Fig. 80

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).

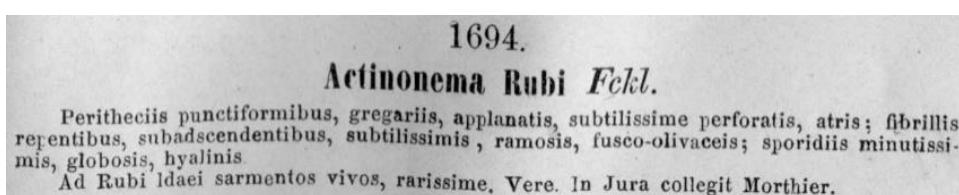


Fig. 81

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 & Vaney 2002: 128).

1697.

Ascochyta Caricis Fckl.

Peritheciis hypophyllis in macula fusca, sparsis, hemisphaericis, astomis, atro-nitidis,
Sphaeriae punctiformis magnitudine; sporidiis numerosis, cylindraceis, rectis, continuis,
hyalinis
Ad Caricis muricatae folia radicalia, raro. Autumno. Ca. Vollraths.

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*.

1699.

Ascochyta melanoplaca West. (sub *Pyllosticta*.)

Ad Polygoni avicularis folia viva, non frequens. Autumno. Ca. Hostrichiam.

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 & Vaney, 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).

1702.

Ascochyta Ranunculi Fckl.

Peritheciis gregariis, in macula exarida, minutis, conicis, astomis, aterrimis, nitidis;
sporidiis minutissimis, globosis.
Primo Oidium Fusisporioides maculam incolit.
Ad R. acris folia viva, raro. Autumno. In sylva Hostrichensi.

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).

1703.

Stigmatea Alni Fckl.

Peritheciis epiphyllis, superficialibus, in macula subfuscata, sparsis seu conglomeratis,
punctiformibus, globosis, atris, nitidis, basi pauci-fibrillosis; ascis elongatis, octosporis;
sporidiis didymis, subclavatis, flavescentibus.
Ad Alni glutinosae folia viva, rarissime. Autumno. In sylva Hostrichensi.

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).

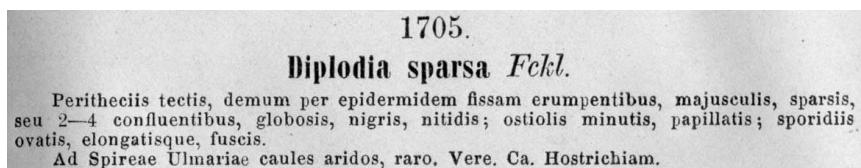


Fig. 86

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).

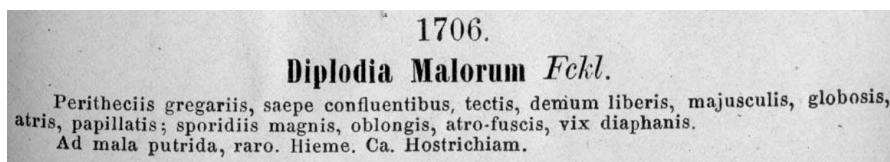


Fig. 87

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).

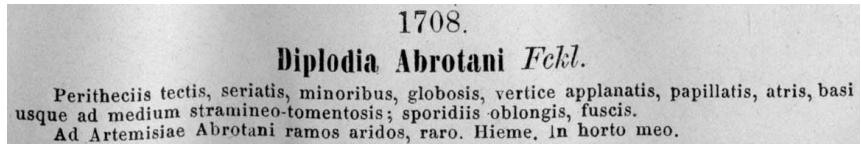


Fig. 88

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).

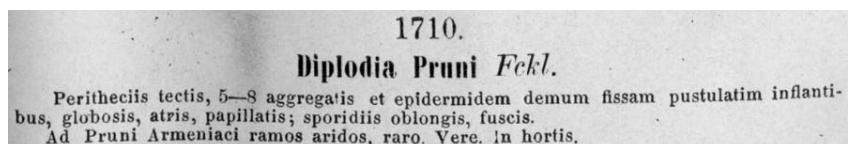


Fig. 89

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.

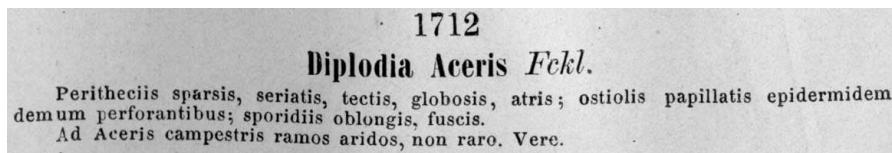


Fig. 91

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"].

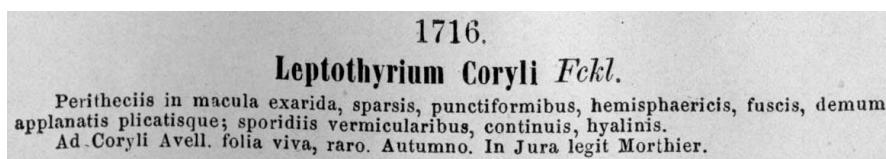


Fig. 93

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).

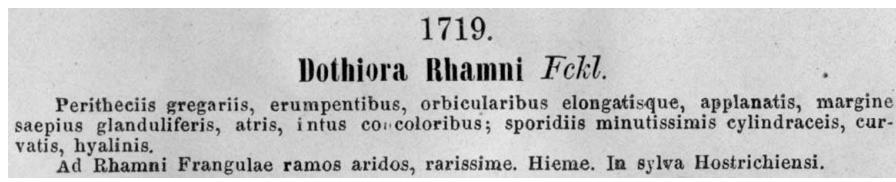


Fig. 94

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).

1721.

Phoma graminicola Fckl.

Peritheciis sparsis, superficialibus, conicis, basi applanatis, atris, perforatis; sporidiis ellipticis, continuis, hyalinis.
Ad Festucae ovinae folia putrida, raro. Vere. Ca. Ruedesheim.

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.

1722.

Phoma Syringae Fckl.

Peritheciis in macula fusca gregariis, hemisphaericis, demum depressis, papillatis, Pleosporae herbarum magnitudine, atris; sporidiis ovato-oblongis, biguttulatis, hyalinis.
Ad Syringae vulgaris folia putrida, rarissime. Autumno. Reichartshausen.

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*.

1724.

Neottiospora gigaspora Fckl.

Peritheciis gregariis, tectis, depressis, atris, ostiolis papillaformibus, erumpentibus; sporidiis oblongo-fusiformibus, multiguttulatis, quadruplo majoribus quam in praecedente, hyalinis. Sporidiorum appendicullos nondum vidi.
Ad Caricis ripariae folia arida, rarissime. Vere. Ca. Rauenthal.

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).

1730.

Valsa oncostoma (Duby.)

Ad Robiniae Pseud-Acaciae ramos aridos, raro. Vere. Reichartshausen.

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).

1737.

Myxosporium sanguineum Fckl.

Acervulis pustulatis, usque ad lineam latis, $\frac{1}{2}$ lineam crassis, hemisphaericis, sub epidermidem, demum fissam nidulantibus, sanguineis; sporidiis in sporophororum ramosorum apicibus, oblongis, vix curvatis, utrinque obtusis, majusculis, hyalinis.
Ad Ulmi campestris ramos aridos, raro. Autumno. Münchau pr. Hatthenheim.

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).

1746.

Uncinula Tulasnei Fckl.

a. Conidia.

Acervulis orbicularibus confluentibusque, niveis; margine a hyphis sterilibus repentinibus, subtilissime fimbriatis; conidiis concatenatis, perfecte globosis.

b. Conceptacula ascigera.

Conceptaculis sparsis, subimmersis, majusculis, hemisphaericis, demum depressis, atris; appendiculis plerumque simplicibus vel bifidis, raro iterato-bifidis, pluribus ad basin divisis, exsertis; ascis et sporidiis ut in U. bicorni. Cfr. Tul. C. S. F. I. pag. 197 et 198.

Ad Aceris platanoides foliorum paginam superiorem, a. frequens, b. rarissime. Autumno. Ca. Johannisberg.

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).

Preussia Fckl.

Perithecium hyphopodio delicatulo floccoso spurio suffultum, carbonaceum, astomum, dein irregulariter ruptum secedensque. Asci clavati, longe pedunculati, 8 spori, paraphysibus nullis. Sporidia oblongo-cylindracea, demum in articulos quatuor ovatos angulatos que, simplices, atro-fuscos secendentia.

1750.

Preussia funiculata Fckl.

Syn. *Perisporium* f. *Prss.* Linn. 24. No. 145.

Ad lignum quercinum putridum, rarissime. Hieme. Ca. Hostrichiam.

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).

1764.

Excipula Viburni Fckl.

Peritheciis sparsis, in macula grisea, indeterminata, hemisphaericis, mox cupulaeformibus, astomis, nigro-nitidis; ascii et sporidia matura nondum vidi.
Ad Viburni Lantanae folia arida, rarissime. Vere. Ca. Vollraths.

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).

1765.

Sphaeronaema rostratum Fckl.

Peritheciis plerumque semi-immersis, gregariis, globosis, cum rostro cylindraceo, peritheciis subaequante, perforato, apice globulum candidum gerente; sporidiis minutissimis, ovatis, hyalinis.
Ad palos putridos, raro. Vere. Ca. Hostrichiam.

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).

1766.

Pleospora Grossulariae (Fr. sub. Sphaeria.)

Scler. suec. No. 57.

Ad Ribis Gr. folia putrida, raro. Vere. In horto meo.

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).

1767.

Pleospora Frangulae Fckl.

Peritheciis in macula expallescente, gregariis, Pl. herbarnm magnitudine, tectis, globosis, nitidis, demum rugulosis, cum ostiolo conico, subtilissimo perforato; ascis oblongis, curvatis, 8 sporis; sporidiis oblongis, muriformibus, utrinque paulo attenuatis, flavis.
Ad Rhamni F. folia putrida, raro. Vere. In sylva Hostrichensi.

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).

1770.

Sphaeria epidermidis Fckl.

Syn. Sphaeria e. Fr. Scl. suec. No. 19, sed immatura.
Ascis cylindraceis, stipatis, sporidia 8, uniserialia, ovata, didyma, fusca foventibus;
paraphysibus simplicibus, asci brevioribus.
Ad Berberidis vulgaris ramos adhuc vivos, rarissime. Vere. In sylva Hostrichensi.

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).

1772.

Sphaeria Caricicola Fckl.

Peritheciis sparsis, tectis, minutissimis, globosis, atris, epidermidem pustulatim in-
flantibus; ostiolis subtilissime punetiformibus epidermidem erumpentibus; ascis oblongis,
8 sporis; sporidiis ovato-oblongis, hyalinis.
Ad Caricis ripariae folia sicca, raro. Vere. Ca. Bauenthal.

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).

1774.

Sphaeria canofaciens Fckl.

Peritheciis sparsis gregariis, Sph. punctiformis magnitudine, globosis, papillatis,
primo tectis, dein liberatis, atro nitidis; ascis oblongo-clavatis, 8 sporis; sporidiis ovato-
oblongis, hyalinis. Folia cui innascuntur, constanter griseo colorata.
Ad Tritici repentis folia arida, non raro. Hieme. Ca. Hostrichiam.

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).

1777.

Sphaeria monilispora Fckl.

Peritheciis sparsis, primo tectis, demum subliberis, minutis, globosis, atris, papillatis;
ascis 8 sporis, oblongis; sporidiis cylindraceis, utrinque paulo attenuatis, curvatis, 8-10
septatis, ad septa constrictis, loculis uniguttulatis, pallide flavis.
Ad Junci lampocarpi praecipue vaginas aridas, raro. Autumno. In sylva Hostrichensi.

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).

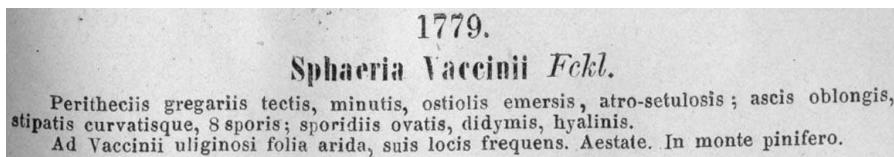


Fig. 110

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"].

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

≡ *Pleuronaema 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).

1791.

Sphaeria procumbens Fckl.

Peritheciis sparsis, hypophyllis, tectis, procumbentibus, epidermidem pustulatum in-
flantibus; ostiolis lateralibus, exsertis, perithecium duplo longioribus, atris; ascis oblongis
stipatis, 8 sporis; sporidiis ascii longitudine, filiformibus, hyalinis.
Ad Salicis viminalis folia arida, raro. Vere. Ad Rheni ripas.

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).

1792.

Sphaeria tigrina Fckl.

Peritheciis in pustulis atris, sparsis ortis, (ut in Sph. Capreeae) globosis, semper
tectis; ostiolis sublateralibus, conicis, perithecium aequante, exsertis, primo fusco-dia-
phanis, demum nigris; ascis longissimis, cylindraceis; sporidiis ascii longitudine, in asco
glomeratis, filiformibus, hyalinis.
Ad Salicis purpureae foliis aridis, raro. Vere. Ca. Fr. Weinheim.
NB. Precedens, haec et Sph. Capreeae forsitan Genus proprium constituant.

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)].

1793.

Sphaeria Alliariae Fckl. (non Awd.)

Peritheciis sparsis, macula nigra insidentibus, superficialibus, seminis Erucae mag-
nitudine, cylindraceo-conicis, obtusis, plicis lateralibus obsoletis; ostiolis, argute papillatis
perforatis; ascis oblongis, sporidia 8, biseritalia, fusiformia, 4 septata, medio constricta
vix flavescentia foventibus.
Ad Erysimi All. caules aridos, raro. Vere. In sylva Hostrichiensi.

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*.

1795.

Sphaeria immersa Fckl.

Peritheciis seriatim dispositis, profunde immersis, globosis, atris; ostiolis sublaterali-
bus, perithecium aequante, conicis, ad medium exsertis; ascis oblongis, 8 sporis; spor-
idiis ellipticis, 4 guttulatis, hyalinis.
Caules cui innascuntur, nigrofacte sunt.
Ad Bardanae caules aridos, raro. Vere. Ca. Eberbach.

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).

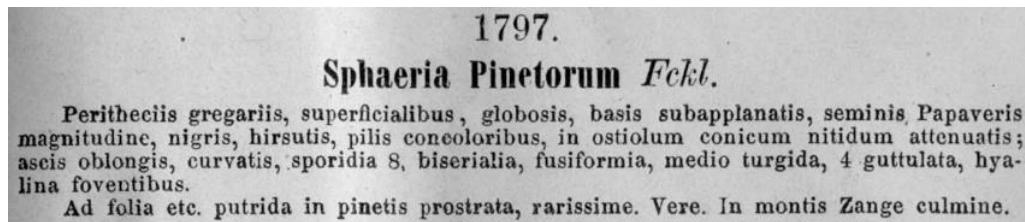


Fig. 117

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).

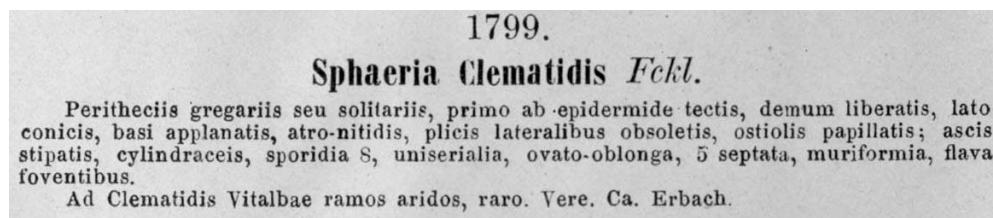


Fig. 118

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).

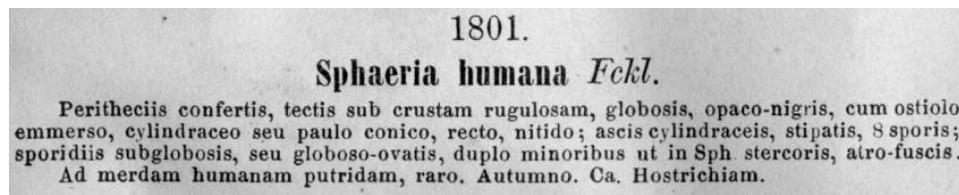


Fig. 119

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

≡ *Hypocopra fimetii* 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).

1802.

Sphaeria equina Fckl.

Peritheciis confertis, semi immersis sub crustam griseam, ovato-globosis, in rostrum brevem, lato-conicum, paulo obliquum, attenuatis; ascis cylindraceis, brevissime stipatis, 8 sporis; sporidiis uniserialibus, ovatis, atris, cum asco triplo brevioribus ut in Sph. stercoris.

Ad fumum equinum putridum, frequens. Autumno.

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).

1806.

Lophiostoma Sedi Fckl.

Peritheciis sparsis, plerumque oblique adnatis, sub epidermidem tectis, demum liberatis, ovatis, atris, nitidis, Pleosporae herbarum magnitudine, ostiolis compressis, linearibus, perithecium triplo angustioribus; ascis oblongis, 8 sporis, farctis; sporidiis oblongis, uniseptatis, medio constrictis, guttulatis, utrinque apiculatis, hyalinis.

Ad Sedi reflexi caules aridos, rarissime. Vere. Ca. Hallgarten.

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).

1807.

Lophiostoma myriocarpa Fckl.

Peritheciis gregariis, irregularibus (non parallelis) dispositis, semiimmersis, minutissimis, punctiformibus, nudo oculo vix conspicientibus, subcompressis, transversim striatulis, nitido-atris, ostiolis compressis, altitudine triplo latioribus, basi angustioribus, latere turgidis; ascis cylindraceo-oblongis, curvatulis, sporidia biserialia, octo, oblonga, 4 septata ad septa constricta, loculis uniguttulatis, hyalina foventibus.

Ad Platani corticis vetusti paginam inferiorem, rarissime. Vere. Grünau ca. Hattenheim.

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.

1808.

Lophiostoma crenata (Fr.)

Ad Corni sanguineae ramos putridos, raro. Vere. Ca. Johannisberg.

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).

1809.

Lophiostoma subcorticalis Fckl.

Peritheciis sparsis, immersis, parallelo dispositis, globosis, medio magnitudine, ostiolis emmersis, compressis, arcuatis, altitudine duplo latioribus, basi angustioribus, latere turridis, rimosis, atris; ascis oblongo-clavatis, sessilibus, farctis, octosporis; sporidiis magnis, fusiformibus, curvatis, uniseptatis, medio constrictis, multiguttulatis, hyalinis.

Ad Pyri Mali cortice vetusti paginam inferiorem, non raro. Perenne. Ca. Hostrichiam.

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.

1810.

Rosellinia ligniaria Nitschk. mspt.

Syn. *Sphaeria* l. Grev.?

Ad lignum salicinum putridum, rarissime. Autumno. Münchau pr. Hattenheim.

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 “*Cytispora*”], 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).

1811.

Rosellinia abietina Fckl.

Peritheciis gregariis confertisque, *Sphaeria* (*Rosellinia* Nitschk.) pulveracea paulo majoribus, obovatis, in ostiolum conicum, obtusum attenuatis, atris, cum setis brevissimis, concoloribus, strigosis; ascis cylindraceis, curvato-stipatis, 8 sporis; sporidiis uniserialibus, oblongis, inaequalibus subellipticis; continuis, fuscis.

Ad lignum abietinum putridum, raro. Vere. Ca. Hostrichiam.

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).

1812.

Rosellinia subcorticalis Fckl.

Peritheciis sparsis, nunquam confertis, antecedentibus multo minoribus, ovatis, in ostiolum brevissimum, conicum, obtusum attenuatis, atris, cum setis brevissimis concoloribus, strigosis; ascis cylindraceis, curvatis, substipatis, 8 sporis; sporidiis ovatis, continuis, fuscis.

Ad Alni glut. corticis aridi paginam inferiorem, raro. Vere. In sylva Hostrichensi.

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.

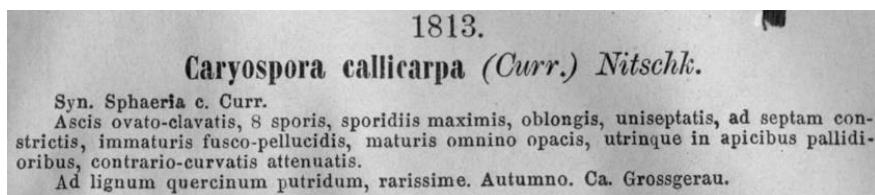


Fig. 128

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).

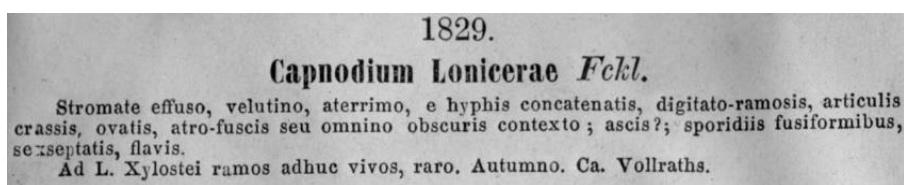


Fig. 130

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).

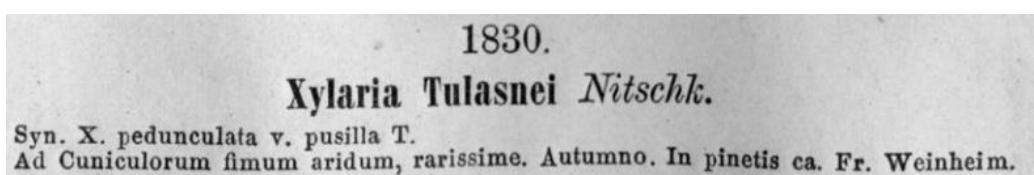


Fig. 131

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.

1836.

Cryptodiscus tinctus Fckl.

Peritheciis erumpentibus, sparsis, ut in praecedente, sanguineis, in macula carneas indeterminata; ascis oblongis, curvatis, sporidia 8, biserialia, elliptica, triguttulata, continua, hyalina foventibus.

NB. In antecedente sporidia ovata, utrinque obtusa, uniseptata sunt.

Ad Hageniae ciliaris thallum apotheciaque, raro. Vere. In Jura colleg. Morthier.

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).

1837.

Heterosphaeria morthieri Fckl.

Peritheciis gregariis, primo tectis demum liberatis, Pleosporae herbarum magnitudine, orbicularibus, planis, demum excavatis, plerumque cum fibrillis delicatulis, repentibus, saepe confluentibus, fuscis circumdati; ascis linearis-clavatis, sporidia 6-8, globosa, hyalina foventibus.

Ad Trollii eur. caules aridos, raro. Vere. In Jura colleg. Morthier.

Fig. 133

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

and

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

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

≡ *Seimatosporium hysterioides* (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).

Cryptostictis Fckl.

Perithecia elliptica, innata, cum rima oblongo-lineari dehiscentia, disco carnosus, excavato; ascis nullis; sporidiis oblongo-ovatis, triseptatis, utrinque cum cilia sporidium aequante, flavis.

1838.

Cryptostictis hysterioides Fckl.

Peritheciis sparsis, innatis, lineam longis, atris, parallelo-dispositis.

Ad Vitis viniferae sarmentorum corticem, rarissime. Autumno. Ca. Budenheim.

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.

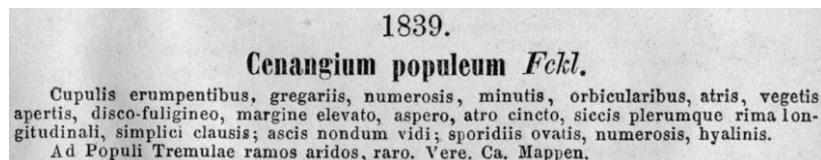


Fig. 135

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).

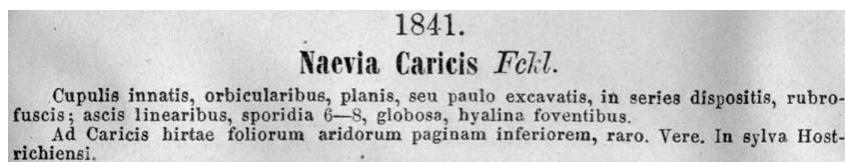


Fig. 136

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).

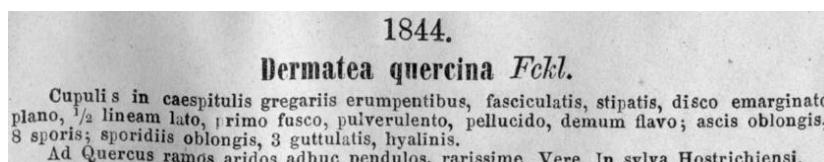


Fig. 137

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).

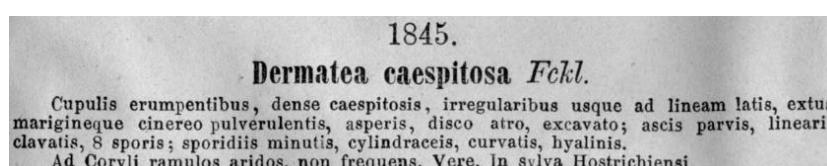


Fig. 138

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).

1861.

Helotium Sclerotiorum (Lib.)

Fekl. in bot. Ztg. 1861. Nro. 35.
Hoc tuberculo excavato (Sclerotii spec.?) insidens, in dumetis alneis, raro. Autumno.
Heimbach ca. Hostrichiam.

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 calloriooides* 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).

1862.

Calloria (?) rubella Fekl.

Cupulis gregariis sparsisve, $\frac{1}{2}$ lineam lati, lentiformibus, margine pellucido-plicatis,
basi saepe cum hyphis niveis sparsis, gelatinosis, dilute roseis seu albidis, siccis suc-
cineis, pellucidis, duris, rotundatis; ascis nullis; sporidiis cylindraceis, rectis, hyalinis.
Ad folia putrida praecipue Fraxini, raro. Autumno. Reichartshausen.

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).

1863.

Peziza nudipes Fekl.

Gregaria, $1\frac{1}{2}$ linea alta. Stipe tenui, gracili, sordido, cupulaque dense albo puberulo,
basi nudo, obscuriore, cupulis turbinatis, excavatis, marginatis, disco flavescente, siccis
marginie connivente; ascis linearie clavatis, sporidia 8, biserialia, oblongo-clavata, hyalina
foventibus.

Ad Spireae Ulmariae caules aridos, raro. Vere. Ca. Hostrichiam. P. cyathoidea affinis.

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).

1867.

Peziza Sabinae Fekl.

Sparsa, pyriformis, $\frac{1}{2}$ linea alta. Statura et colore ut Peziza strobilina; ascis
lati, oblongo-clavatis, 8 sporis; sporidiis majusculis, oblongis, intus grumulosis, hyalinis;
paraphysibus linearibus, asci brevioribus. Species distinctissima est!
Ad Juniperi Sabinae folia ramulosque aridos, rarissime. Vere. Reichartshausen.

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 *Microppeziza scirpicola* (Fuckel 1870). Nannfeldt (1976) reduced *Microppeziza 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).

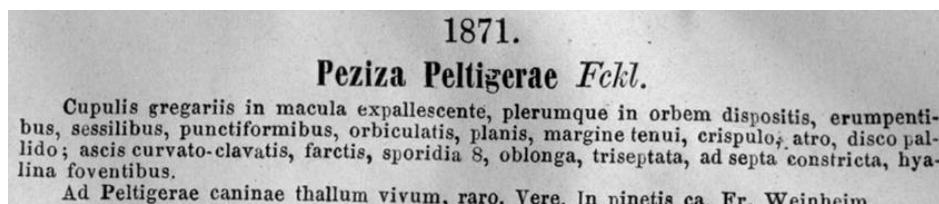


Fig. 144

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).

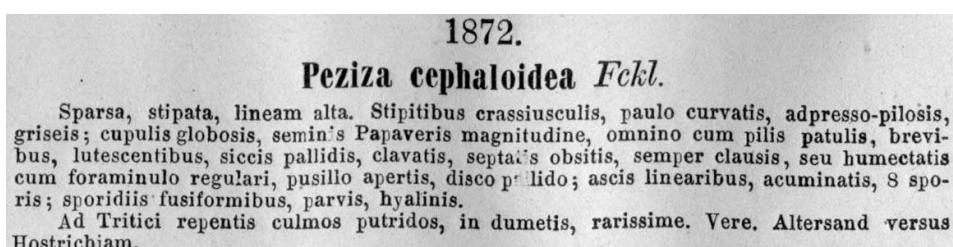


Fig. 145

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).

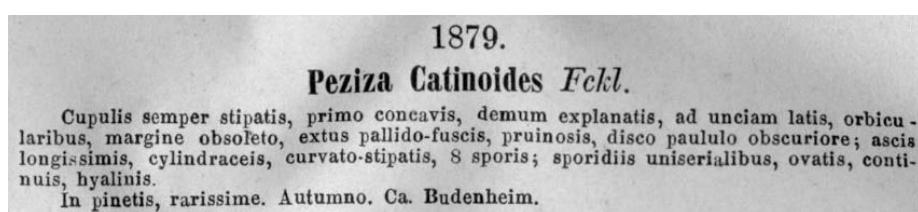


Fig. 148

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).

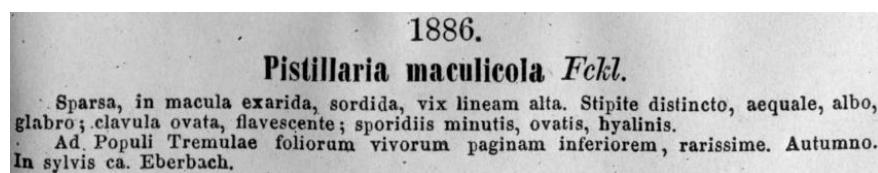


Fig. 150

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).

1903.

Peronospora Linariae Fckl.

A P. grisea (No. 10) differt hyphis candidis, ramis ultimis longioribus et conidiis obovatis subglobosisve ad basin acuminatis. Oosporis magnis, 48 Mik. diam., episporio obscuriore, fuscō.
Ad Linariae minoris folia, raro. Aestate. Wisperthal ca. Lorch.

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).

1907.

Torula velutina Fckl.

Caespitibus aterrimis, effusis, velutinis; sporidiis concatenatis, globosis ovatisve, episporio laevi, atro, 1-2 guttulatis, 8-10 Mik. diam.
Ad lignum salicinum putridum, raro. Vere. Münchau ca. Hattenheim.

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).

1908.

Torula ramosa Fckl.

Caespitibus laxis, effusis, atris; sporidiorum (hypharum?) catenulis ramosis, articulis oblongis utrinque truncatis, atro-fuscis, 18 Mik. long., 8 Mik. lat.; sporulis ultimis exakte globosis, atris, laevibus, 8 Mik. diam.
Ad Salicis truncoꝝ putridos, raro. Vere. Münchau ca. Hattenheim.

Fig. 156

Scolicotrichum 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).

Rossman et al. (2016) proposed the combination *Ramularia pseudomaculiformis*, based on the assumption that *Sphaeria pseudomaculiformis* being the sexual morph of *Scolicotrichum 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.) Rossman & 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.

1910.

Scolicotrichum bulbigerum Fckl.

Caespitibus parvis, laxis, candidis; hyphis e basi incrassato, nigro ortis, simplicibus, flexuosis, diaphanis, continuis, ca. 48 Mik. alt., ad angulos sporidia simplicia, globosa, hyalina, 9–11 Mik. diam., gerentibus.

Ad Poterii Sanguisorbae folia marcescentia, non frequens. Autumno. Ca. Hostrichiam.

Der Pilz hinterläßt Ascochyta ähnliche Peritheien, in welchen ich aber keine Sporen aufzufinden konnte.

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).

1912.

Cryptosporium Mori Fckl.

Ut Cr. Ribis (No. 1625), sed sporidiis oblongis, vix curvatis, utrinque obtusis.

Ad Mori albae folia arida, raro. Autumno. Münchau ca. Hatlenheim.

Fig. 158

Arthrinium 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).

1914.

Arthrinium Morthieri Fckl.

Caespitibus sparsis, punctiformibus, atro-fuscis, opacis; hypharum articulis quadratis; sporidiis plurimis fere columnas quadratas regulares formantibus, paucioribus orbicularibus obovatis irregularibusque, 1–2 guttulatis, fuscis, prioribus, 16 Mik. long., 8 Mik. lat.

Ad Caricis digitatae folia arida, rarissime. Hieme. In Jura Cl. Morthier detexit.

Das wäre also die 5. Art, die sehr schönen Gattung, die wir dem unermüdlichen Streben meines hochverehrten Freundes Morthier verdanken.

Über die Befestigung der Sporen an den Hyphen bin ich im Unklaren, ob zweiz- oder vierzählig. Bei A. Sporophleum stehen sie zu vieren (vierzählig) und nicht zweizählig, wie sie Fresenius in f. Beitrag abbildet. Sehr schön ist dieses bei einer Form (?) des A. Sporophl. auf Carex supina zu sehen.

Fig. 159

Fusidium persicum 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).

1915.

Fusidium persicum Fckl.

Acervulis parvis, convexis, persicinis; sporidiis simplicibus, ovatis, 3 Mik. long., 1 Mik. lat., hyalinis.

Ad Pini excels. ramulos aridos, in foliorum deciduorum rudimentis, rarissime. Autumno. Ca. Mappen.

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).

1916.

Fusidium granulatum Fckl.

*Acerulis sparsis, granuliformibus, globosis, punctiformibus, roseis; sporidiis cylindraceis, utrinque obtusis, vix curvatis, hyalinis, 6 Mik. long., ca. 1 Mik. lat.
Ad Luzulae maxima folia putrida, raro. Vere. Ca. Hostrichiam.*

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).

1917.

Coryneum maculicolum Fckl.

*Pulvinulis in macula expallescente, erumpentibus, epidermide 2-3 fissa circumdatis, oblongis, atris; sporidiis longe pedicellatis, oblongis, triseptatis, flavis.
Ad Salicis auritae folia arida adhuc pendula, raro. Vere. Ca. Hostrichiam.*

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*.

1919.

Sphaeridium candidum Fckl.

*Capitulis seminis Papaveris dimidia magnitudine, globosis, necnon ad stipitis insertio-
nem impressis, ut segmentum verticale reniforme appareat, niveis, grumulosis, stipite capituli
diametrum aequante, basin versus dilatato, tereti, fusco; sporidiis in hypharum apicibus
concatenatis, cylindraceis, paulo curvatis, minutissimis, ca. 4 Mik. long., 1 Mik. lat.
hyalinis.*

Ad Pini sylvestris folia decidua putrida, valde humida, frequens. Autumno.

Fig. 163

Fusisporium kuehnii Fuckel (as “*kuehnii*”), *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).

1920.

Fusisporium Kühnii Fckl.

*Mycelio arachnoideo, candido, effuso ex hyphis tenuibus, ramosis, septatis, texto, de-
mum evanido et glomerulos, superficiales, conglomeratos sparsosve, oblongos irregularesve
corneos, argillaceos, contextu areolato, nudo oculo vix conspiciendo, formante; sordidis,
in glomerulorum superficie secedentibus, oligosporis, subregulari - semilunaribus, medio
unisegmentatis, hyalinis, 12 Mik. long., 4 Mik. lat.*

*Lichenes et Muscos varios ad arborum frondosarum corticem destruens, frequens. Vere.
Ich zweifle nicht, daß Kühn's Fusisporium devastans (vid. dessen Krankh. d. Kultrgw.
pag. 32) mit obigem identisch ist, da ich aber nirgends eine nähere Beschreibung desselben
finde, so zog ich vor, diesen interessanten Pilz nach seinem verdienstvollen Entdecker zu
benennen.*

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).

1921.

Fusarium stercoris Fckl.

Tenuissime late effusum, roseum. Hyphis ramosis, continuis; sporidiis fusiformibus, curvatis vermicularibusve, 2—4.septatis, hyalinis, 60 Mik. long., 6 Mik. lat.
Ad terram stercoratam, in Pezizae stercoreae viciniis, raro. Vere. Ca. Hostrichiam.

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).

1922.

Stysanus Clematidis Fckl.

Stipitibus gregariis, gracilibus, striatis, atris, lineam longis; capitulis sporiferis, elongato-cylindricis, stipitis dimidiata partem occupantibus, griseis; sporidiis ellipticis, hyalinis, 8 Mik. long., 2 Mik. lat.
Ad Cl. Vitaliae ramulos putridos, raro. Vere. Ca. Hostrichiam.

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).

Fellneria *) Fckl.

Tubercula carbonacea, convexa, demum concava, sicca, pilis biformibus obsita; aliis sterilibus, longioribus, septatis, simplicibus, strictis; aliis fertilibus, brevioribus, unisep-tatis, apice sporiferis; sporidia simplicia, curvata, fusiformia, medio uniguttulata, hyalina.

Secundum Amicissim. et Cl. Const. Francofurtens.

1923.

Fellneria Grossulariae Fckl.

Tuberculis gregariis, minutis, fusco-olivaceis, orbicularibus; pilis sterilibus 3—4 septatis, atris; fertilibus, hyalinis; sporidiis curvatis, fusiformibus, 20 Mik. long., 4 Mik. lat.

Ad Ribis Grossulariae fructus, quandoque frequens. Aestate. In horto meo.

An der noch hängenden, fast reifen Frucht entsteht zuerst ein brauner Fleck, welcher das Abfallen der Frucht verursacht, auf diesem braunen Fleck kommt dann der Pilz durch die Oberhaut hervor.

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 dematum* (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).

1924.

Fellneria Eryngii (Cd.) Fckl.

Excipula E. Cd. ic. I. fig. 294.

Ad E. campestris caules petiolosque aridos, frequens. Autumno.

Corda seidhnete l. c. die Sporen viel zu spig, ich zweifle aber nicht, daß die vorliegende mit der Corda'schen identisch ist.

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 ascocarps, probably belonging to a *Mycosphaerella*-like fungus (Van der Aa & Vaneev 2002: 387).

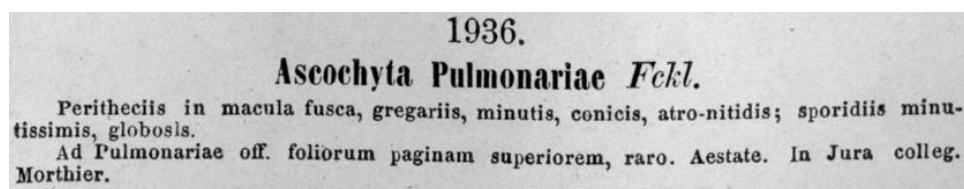


Fig. 170

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).

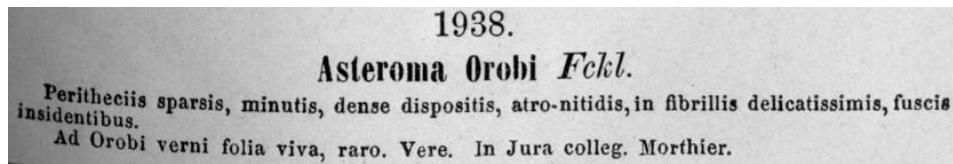


Fig. 171

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].

≡ *Macroplodia 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).

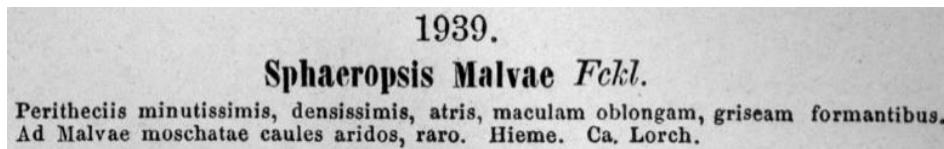


Fig. 172

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.

1941.

Phoma penicillatum Fckl.

Peritheciis gregariis, primo tectis, dein liberis, globosis, vertice conicis, pilis patentibus coronatis, semen Papaveris triplo minoribus, atris; sporidiis cylindraceis, rectis, utrinque obtusis, continuis, 14 Mik. long., 4 Mik. lat., hyalinis.
Ad Medicaginis sativae caules aridos, raro. Vere. Ca. Johannisberg.

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).

1943.

Phoma corticis Fckl.

Peritheciis sparsis, minutis, tectis, demum per epidermidem erumpentibus, globosis, perforatis, atris, nucleo albo; sporidiis cylindraceis, 1-4 guttulatis, rectis, 22 Mik. long., 3 Mik. lat., hyalinis.
Ad Rubi fruticosi ramulos adhuc vivos, raro. Vere. Ca. Hostrichiam.

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).

1944.

Phoma obtusum Fckl.

Peritheciis seminis Papaveris magnitudine, sparsis, primo tectis, dein liberis, compressis, vertice applanatis et subtilissime papillatis; sporidiis oblongis, utrinque obtusis, 1-2 guttulatis, simplicibus, 12 Mik. long., 4 Mik. lat., hyalinis.
Ad Dauci Carotae caules aridos, raro. Vere. Ca. Hostrichiam.

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).

1945.

Phoma sphaerospermum Fckl.

Peritheciis sparsis, punctiformibus, in macula exarida erumpentibus, globosis, papillatis, atris; sporidiis simplicibus, globosis, numerosis, ca. 2-3 Mik. diam., flavis.
Ad Cytisi sagittalis caules vivos, raro. Vere. Ca. Hostrichiam ipse et in Jura colleg. Mortier.

Ich führe diese und die zwei folgenden als Phoma auf, obgleich ich glaube, daß sie nicht dazu gehören. Es widerstreitet mir aber eine neue Gattung eines nicht schlauchführenden Pyrenomycten aufzustellen, da diese doch nur Conidienfrüchte der schlauchführenden sind, doch halte ich für nötig einzuweisen solche mit einem Namen zu bezeichnen.

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.

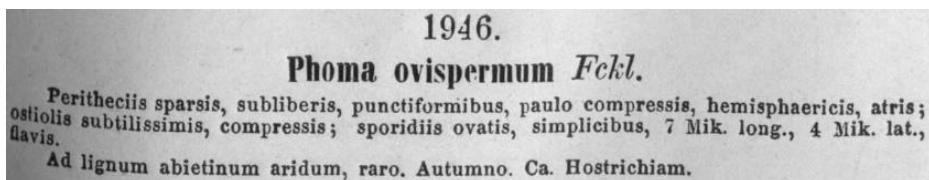


Fig. 177

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).

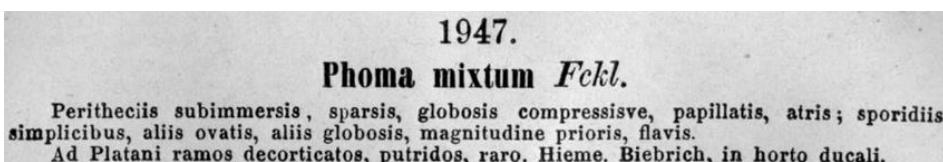


Fig. 178

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).

1952.

Diplodia Evonymi Fckl.

Peritheciis quam praecedentis minoribus, sparsis aggregatisve, erumpentibus, globosis, atris, punctulatis; ostiolis conicis, perforatis; sporidiis didymis, subclavatis oblongisve, fuscis, 24 Mik. long., 10 Mik. lat.
Ad *Evonymi* eur. ramos putridos, raro. Hieme. Ca. Hostrichiam.

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).

1953.

Diplodia Tiliae Fckl.

Peritheciis sparsis, tectis, media magnitudine, globosis, atris, ostiolis papilliformibus, erumpentibus; sporidiis in cirrhis, longissimis, atris, rugulosis expulsis, oblongis, didymis, medio vix constrictis, atro-fuscis, 22 Mik. long., 9 Mik. lat.
Ad *Tiliae* ramulos aridos, raro. Hieme. Münchau pr. Hattenheim.

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).

1954.

Diplodia scabra Fckl.

Peritheciis sparsis, tectis, antecedentis magnitudine, globosis, atris, ostiolis papillatis, perforatis, erumpentibus; sporidiis oblongis, didymis, medio constrictis, atro-fuscis, 18 Mik. long., 8 Mik. lat.; conidiis (b) oblongis, hyalinis, 10 Mik. long., 4 Mik. lat.
Ad *Alni glut.* ramulos aridos, non raro. Hieme.

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].

1955.

Diplodia Frangulae Fckl.

Peritheciis sparsis, caespitosive, media magnitudine, erumpentibus, atris, globosis, papillatis; sporidiis oblongis, medio vix constrictis, fuscis, 24 Mik. long., 10 Mik. lat.; conidiis (b) oblongis, hyalinis, 12 Mik. long., 4 Mik. lat.
Ad *Rhamni* F. ramulos putridos, raro. Hieme. Ca. Hostrichiam.

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.

1956.

Diplodia Dulcamarae Fckl.

Peritheciis seriatim dispositis, confluentibus, erumpentibus, media magnitudine, globosis irregularibusve, atris, papillatis; sporidiis ovatis oblongisve, fuscis, magnitudine valde varia.

Ad *Solani* D. sarmentos aridos, raro. Vere. Ca. Hattenheim.

Gelegentlich ist diese Diplodia die Pflanzenfrucht der Cucurbitaria Dulcamarae (vid. No. 973.)

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].

≡ Metadiplodia alni (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.).

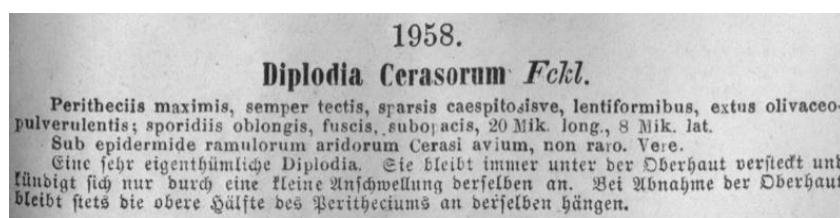


Fig. 187

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).

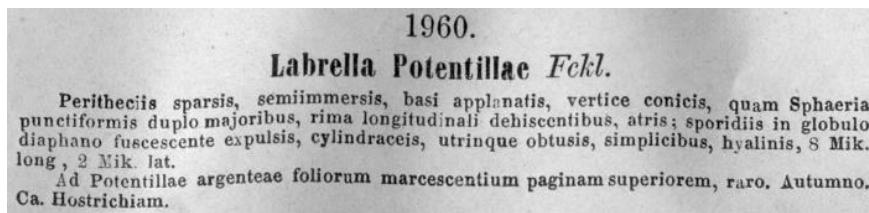


Fig. 189

Chaetomium cunicolorum 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 cunicolorum* (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).

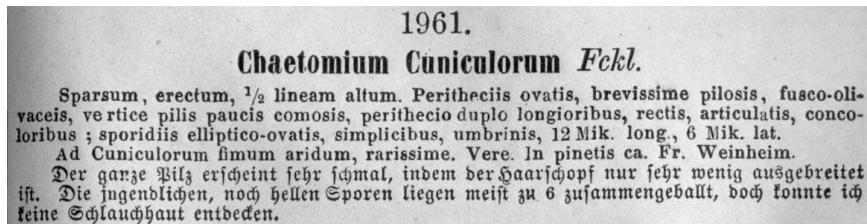


Fig. 190

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).

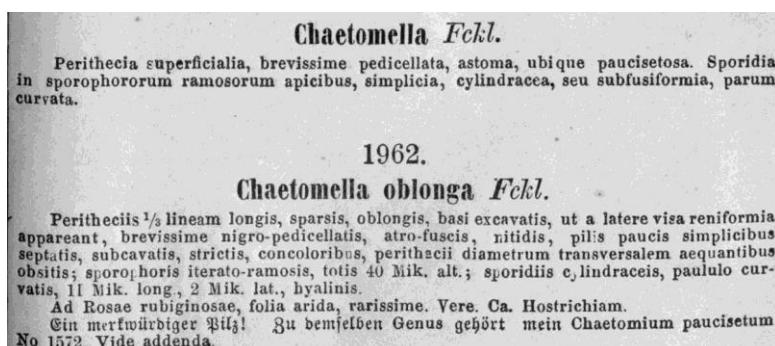


Fig. 191

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).

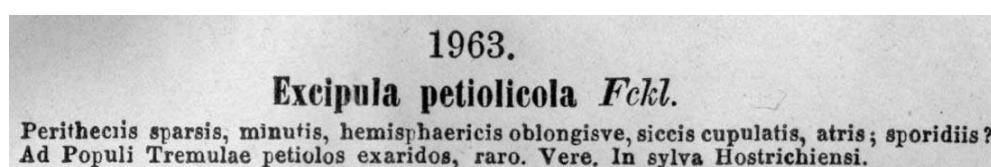


Fig. 192

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 aiterrimum* 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).

1965.

Tympanis acicola Fckl.

Cupulis sparsis, erumpentibus, ab epidermide lacerata cinctis, $\frac{1}{4}$ linea diam., orbicularibus, convexis, aterrimitis, opacis, margine acuto, fisso; paraphysibus ascorum longitudine, filiformibus, simplicibus bipartitis, apice globuligeris, globulis uniguttulatis-fuscis, 5 Mik. diam.; ascis linearis-oblongis, 8 sporis, 50 Mik. long.; sporidiis biseriali, bus, cylindraceis, simplicibus, rectis, 8 Mik. long., 2 Mik. lat., hyalinis.

Ad Pini sylvestris folia valde putrida, rarissime. Autumno. Ca. Fr. Weinheim.

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).

1986.

Diaporthe Crataegi (Curr.) Nke. Pyr. germ.

Ad Crataegi Oxyacanthae ramos aridos, non raro. Autumno. In sylva Hostrichensi.

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).

1988.

Diaporthe alnea Fckl.

Peritheciis sub epidermide coacervatis, tectis, globosis, atris, nucleo albo, ostio-lis conicus, peritheciorum longitudine, per epidermidem erumpentibus, atris; ascis oblongis, 52 Mik. long., 8 Mik. lat., 8 sporis; sporidiis oblongis, didymis, medio con-trictis, 4 guttulatis, hyalinis, 12 Mik. long., 4 Mik. lat.

Ad Alni glut, ramos aridos, raro. Hieme. In sylva Hostrichensi.

Die Perith. umgeben oft die ganzen Zweige.

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).

1991.

Diaporthe circumscripta (Fr.) Fckl.

Sphaeria c. Fr. sec. hb. Kunzean.

Ad Viburni Opuli ramos aridos, raro. Hieme. In sylva Hostrichensi.

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.

= *Prostheciump latanoidis* (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).

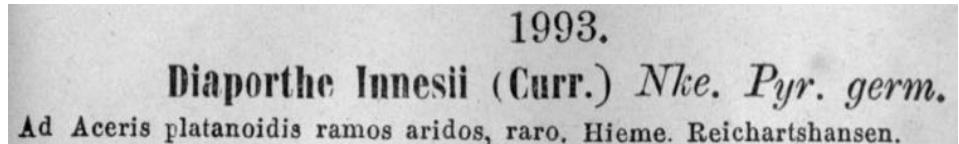


Fig. 197

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) Merezhko, in Smitskaya, Smyk & Merezhko, 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).

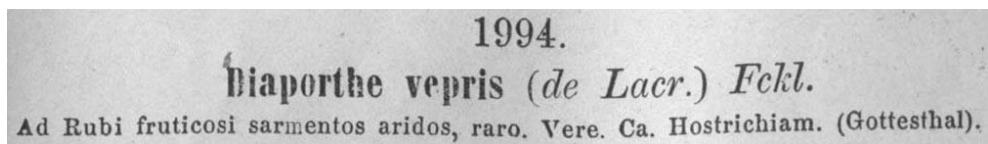


Fig. 198

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).

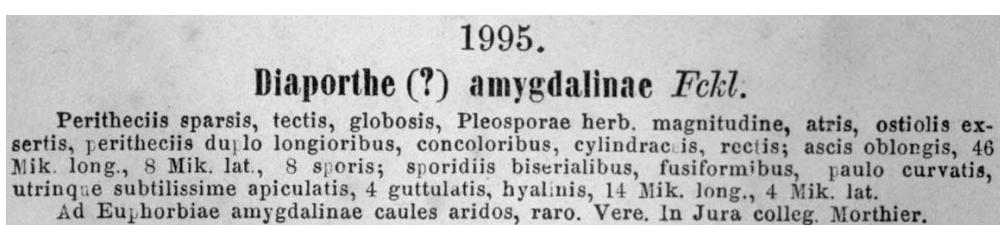


Fig. 199

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