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Annotated list of taxonomic novelties published in "Klotzschii Herbarium Vivum Mycologicum, Editio Nova" issued by G. L. Rabenhorst between 1855 and 1858

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Abstract: Braun, U. 2018: Annotated list of taxonomic novelties published in "Klotzschii Herbarium Vivum Mycologicum, Editio Nova" issued by G. L. Rabenhorst between 1855 and 1858. Schlechtendalia **35**: 1–43.

New taxa and new combinations published by G. L. Rabenhorst in "Klotzschii Herbarium Vivum Mycologicum, Editio Nova" in the middle of the 19th century are listed and annotated. References, citations and the synonymy are corrected when necessary. The nomenclature of some taxa is discussed in more detail. *Uredo fragariae* is neotypified and reduced to synonymy with *Phragmidium fragariastri*. The nomenclature of the names *Uredo obtusa* and *Phragmidium obtusum* is discussed and clarified.

Zusammenfassung: Braun, U. 2018: Kommentierte Liste taxonomischer Neuheiten publiziert in "Klotzschii Herbarium Vivum Mycologicum, Editio Nova", herausgegeben von G. L. Rabenhorst zwischen 1855 und 1858. Schlechtendalia **35**: 1–43.

Neue Taxa und Kombinationen publiziert von G. L. Rabenhorst in "Klotzschii Herbarium Vivum Mycologicum, Editio Nova" in der Mitte des 19. Jahrhunderts werden aufgelistet und annotiert. Referenzangaben, Zitate und die Synonymie werden korrigiert falls notwendig. Die Nomenklatur einiger Taxa wird detaillierter besprochen. *Uredo fragariae* wird neotypisiert und als Synonym zu *Phragmidium fragariastri* gestellt. Die Nomenklatur der Namen *Uredo obtusa* und *Phragmidium obtusum* wird diskutiert und geklärt.

Key words: Fungi, nomenclature, exsiccata.

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Introduction

In 1832, Johann F. Klotzsch initiated the exsiccata "Herbarium Vivum Mycologicum" and issued Cent. 1 and 2. Gottlob L. Rabenhorst continued this exsiccata since 1842 and issued Cent. 3 to 20. An index was published by Rabenhorst (1851). Taxonomic novelties published in this exsiccata have been listed and annotated in Braun (2018). Rabenhorst continued this exsiccata under the name "Klotzschii Herbarium Vivum Mycologicum, Editio Nova" and issued eight centuria between 1855 and 1858 [Series Prima]. Details to this exsiccata, including data of the publication of the particular centuria and announcements in the journals Botanische Zeitung, and Flora are to be found in Kohlmeyer (1962). 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 nomenclature data bases and taxonomic treatments. The particular centuria of "Herbarium Vivum Mycologicum" were prepared and, when ready to be distributed, announcements in several botanical journals were published, i.e., descriptions on printed labels in the exsiccata have priority and names (with repeated descriptions) in the journals are later isonyms (Art. 6.3, Note 2) that have to be disregarded. In some cases, particular centuria were issued even one calendar year earlier [e.g., Cent. 2 in 1855, but announcements in Botanische Zeitung 14 and Flora 39 in 1856]. Numerous names appearing in exsiccata are nomina nuda (without any descriptions or diagnoses) which were validated in later publications by the original author or other authors, either as "ex cases" or as "combinations" under other genus names. In the latter case, the validated names must be attributed to the validating authors alone. The present work was performed in consultation with Index Fungorum and MycoBank, i.e., the results are also meant to be groundwork for these databases.

A complete set of "Klotzschii Herbarium Vivum Mycologicum, Editio Nova" preserved in HAL was the base for the present nomenclatural study and reassessment of names. Some types have

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been re-examined in order to clarify the identity of the taxa concerned. In other cases, currently used and recognized names are cited and highlighted in bold.

Annotated list of taxa

Cent. 1

Peziza mortuaria Ces., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 1: no. 18, 1855 [Bot. Zeitung **13**: 598, 1855; Flora **38**: 493, 1855].
≡ *Tapesia mortuaria* (Ces.) Sacc., Syll. fung. (Abellini) **8**: 378, 1889.
Notes: This is a valid species name with a description on the label of Klotzschii Herbarium Vivum Mycologicum, Editio Nova, 18 (fig. 1).

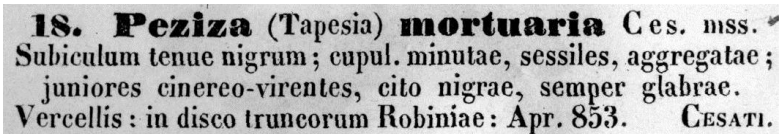

18. **Peziza** (Tapesia) **mortuaria** Ces. mss.
Subiculum tenue nigrum; cupul. minutae, sessiles, aggregatae; juniores cinereo-virentes, cito nigrae, semper glabrae.
Vercellis: in disco truncorum Robiniae: Apr. 853. Cesati.

Fig. 1

Claviceps pusilla (Ces.) Ces., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 1: no. 38, 1855 [Bot. Zeitung **13**: 598, 1855; Flora **38**: 493, 1855].
≡ *Hypocrea pusilla* Ces., Linnaea 21: 27, 1848, nom. nud.
≡ *Hypocrea pusilla* Ces., in Rabenh., Klotzschii Herb. Viv. Mycol., Cent. 16: no. 1533, 1851.
Notes: This is a valid combination, based on *Hypocrea pusilla*, published on the label of Klotzschii Herbarium Vivum Mycologicum, Editio Nova, 38 (fig. 2).


38. **Claviceps pusilla** Ces. Mspt.
Hypocrea pusilla Ces. in Rabenh. herb. mycol. R. 1533.
Brixiae 1846 Sept.—Nov.; in semin. Andropogonis Ischaemi cornutis, i. e. Sclerotio clavo corruptis. Cesati.

Fig. 2

Sphaeria isiaca Ces., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 1: no. 40, 1855 [Bot. Zeitung **13**: 598, 1855; Flora **38**: 493, 1855].
≡ *Ophiobolus isiacus* (Ces.) Sacc., Syll. fung. (Abellini) **2**: 353, 1883.
Notes: This is a valid species name with a description on the label of Klotzschii Herbarium Vivum Mycologicum, Editio Nova, 40 (fig. 3).

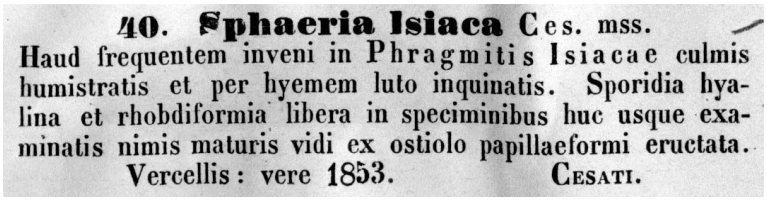

40. **Sphaeria Isiaca** Ces. mss.
Haud frequentem inveni in Phragmitis Isiacae culmis humistratis et per hyemem luto inquinatis. Sporidia hyalina et rhobdiformia libera in speciminibus huc usque examinatis nimis maturis vidi ex ostiolo papillaeformi eructata.
Vercellis: vere 1853. Cesati.

Fig. 3

Depazea maianthemi Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 1: no. 51, 1855 [Bot. Zeitung **13**: 598, 1855; Flora **38**: 493, 1855], nom. nud.
= ***Asteromella*** sp.
Notes: Rabenhorst (l.c.) cited "*Sphaeria* (*Depazea*) *maianthemi* Rabenh. [as "*majanthemi*"], Klotzschii Herb. Viv. Mycol., Cent. 8: no. 752, 1845", which is also a nom. nud. The material deposited at HAL has been examined and turned out to be a spermatial morph of an unknown species of a genus belonging to the *Mycosphaerellaceae*. The pycnidia (spermogonia) are small, 30–80 µm diam, and form minute bacilliform spermatia, straight to slightly curved, about 3–4 × 1 µm. This species is not identical with *Phyllosticta maianthemi* W.B. Cooke (Cooke & Shaw 1952: 795), which is also an *Asteromella* (van der Aa & Vanev 2002: 303), described from

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North America on *Maianthemum dilatatum*. The conidia of the later species are very similar, but the spermogonia are much larger, 70–125 µm diam.

Valsa suffulta (Nees : Fr.) Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 1: no. 56, 1855 [Bot. Zeitung **13**: 598, 1855; Flora **38**: 493, 1855].
≡ *Sphaeria suffulta* Nees, Syst. Pilze (Würzburg): 316, ["1816–17"] 1816.
≡ ***Leptosphaeria suffulta*** (Nees : Fr.) Niessl, in Winter, Rabenh. Krypt.-Fl., Edn 2 (Leipzig) **1.2**: 461, 1885.
Notes: This is a valid combination, based on *Sphaeria suffulta*, published on the label of Klotzschii Herbarium Vivum Mycologicum, Editio Nova, 56 (fig. 4).

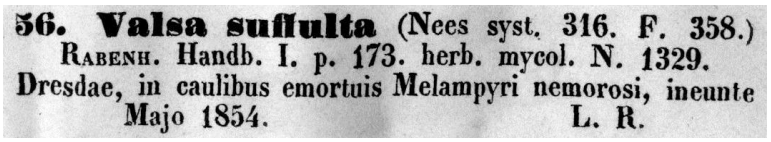

56. **Valsa suffulta** (Nees syst. 316. F. 358.)
Rabenh. Handb. I. p. 173. herb. mycol. N. 1329.
Dresdae, in caulibus emortuis Melampyri nemorosi, ineunte Majo 1854. L. R.

Fig. 4

Ophiobolus acuminatus (Sowerby : Fr.) Duby, in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 1: no. 57, 1855 [Bot. Zeitung **13**: 598, 1855; Flora **38**: 493, 1855].
≡ *Sphaeria acuminata* Sowerby, Col. fig. Engl. Fung. Mushr. (London) **3**: 176, tab. 394:3, 1803.
Notes: This is a valid combination, based on *Sphaeria acuminata*, published on the label of Klotzschii Herbarium Vivum Mycologicum, Editio Nova, 57 (fig. 5).

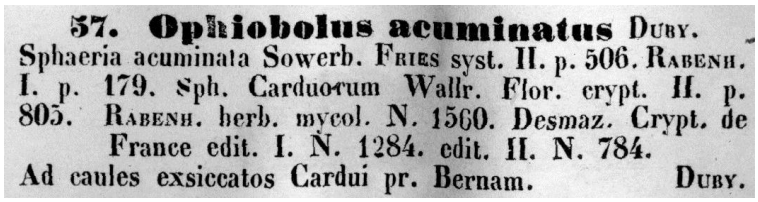

57. **Ophiobolus acuminatus** Duby.
Sphaeria acuminata Sowerb. Fries syst. II. p. 506. Rabenh. I. p. 179. Sph. Carduorum Wallr. Flor. crypt. II. p. 805. Rabenh. herb. mycol. N. 1560. Desmaz. Crypt. de France edit. I. N. 1284. edit. II. N. 784.
Ad caules exsiccatos Cardui pr. Bernam. Duby.

Fig. 5

Sacidium foedans Ces., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 1: no. 61, 1855 [Bot. Zeitung **13**: 598, 1855; Flora **38**: 493, 1855].
≡ *Leptothyrium foedans* (Ces.) Sacc., Syll. fung. (Abellini) **3**: 634, 1884.
Notes: This is a valid species name with a description on the label of Klotzschii Herbarium Vivum Mycologicum, Editio Nova, 61 (fig. 6).

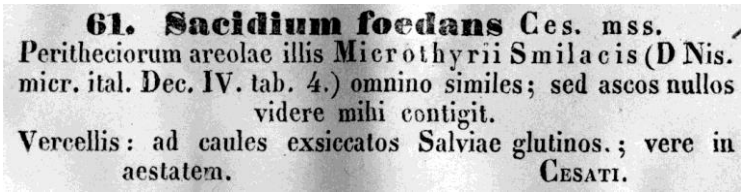

61. **Sacidium foedans** Ces. mss.
Peritheciorum areolae illis Microthyrii Smilacis (D Nis. micr. ital. Dec. IV. tab. 4.) omnino similes; sed ascos nullos videre mihi contigit.
Vercellis: ad caules exsiccatos Salviae glutinos.; vere in aestatem. Cesati.

Fig. 6

Helicosporium pallidum Ces., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 1: no. 62, 1855 [Bot. Zeitung **13**: 598, 1855; Flora **38**: 493, 1855].
Notes: This is a valid species name with a description on the label of Klotzschii Herbarium Vivum Mycologicum, Editio Nova, 62 (fig. 7).


62. **Helicosporium pallidum** Ces. Mspt.
Caespites cinerei in roseolum vergentes.
Ad Ebuli caules putridos: Majo. Vercellis. Cesati.

Fig. 7

Pestalotia hypericina Ces. [as "*Pestalozzia*"], in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 1: no. 64, 1855 [Bot. Zeitung **13**: 599, 1855; Flora **38**: 493, 1855].
≡ ***Seimatosporium hypericinum*** (Ces.) B. Sutton, Trans. Br. Mycol. Soc. **64**: 483, 1975.

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Notes: This is a valid species name with a description on the label of Klotzschii Herbarium Vivum Mycologicum, Editio Nova, 64 (fig. 8).

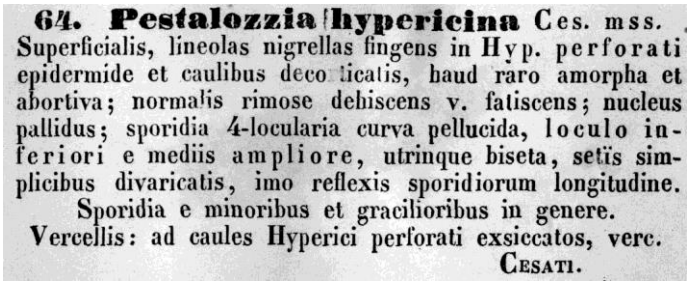

64. **Pestalozzia hypericina** Ces. mss.
Superficialis, lineolas nigrellas fingens in Hyp. perforati epidermide et caulibus decorticatis, haud raro amorpha et abortiva; normalis rimose dehiscens v. fatiscens; nucleus pallidus; sporidia 4-locularia curva pellucida, loculo inferiori e mediis ampliore, utrinque biseta, setis simplicibus divaricatis, imo reflexis sporidiorum longitudine.
Sporidia e minoribus et gracilioribus in genere.
Vercellis: ad caules Hyperici perforati exsiccatos, vere.
CESATI.

Fig. 8

Pestalotia phacidioides Ces. [as "*Pestalozzia*"], in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 1: no. 65, 1855 [Bot. Zeitung **13**: 599, 1855; Flora **38**: 494, 1855], nom. nud.

Dothidea potentillae Fr. f. *potentillae-vernae* Ces., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 1: no. 68, 1855 [Bot. Zeitung **13**: 599, 1855; Flora **38**: 494, 1855].
= *Sphaeria potentillae* Schwein., Schriften Naturf. Ges. Leipzig **1**: 46, 1822, nom. illeg. (Art. 53.1).
≡ *Dothidea potentillae* Fr., Syst. mycol. (Lundae) **2**(2): 563, 1823.
≡ ***Venturia potentillae*** (Fr.) Cooke, Grevillea **6**(38): 76, 1877.
Notes: This is a valid forma with a description on the label of Klotzschii Herbarium Vivum Mycologicum, Editio Nova, 68 (fig. 9).

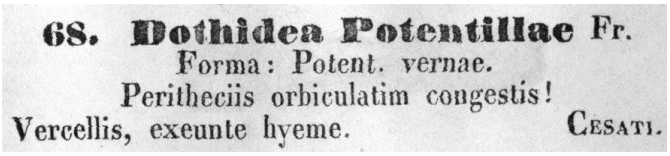

68. **Dothidea Potentillae** Fr.
Forma: Potent. vernae.
Peritheciis orbiculatim congestis!
Vercellis, exeunte hyeme. CESATI.

Fig. 9

Acrostalagmus murinus Ces., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 1: no. 74, 1855 [Bot. Zeitung **13**: 599, 1855; Flora **38**: 494, 1855].
Notes: This is a valid species name with a description on the label of Klotzschii Herbarium Vivum Mycologicum, Editio Nova, 74 (fig. 10).

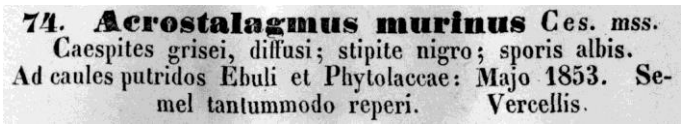

74. **Acrostalagmus murinus** Ces. mss.
Caespites grisei, diffusi; stipite nigro; sporis albis.
Ad caules putridos Ebuli et Phytolaccae: Majo 1853. Semel tantummodo reperi. Vercellis.

Fig. 10

Torula funerea Ces., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 1: no. 79, 1855 [Bot. Zeitung **13**: 599, 1855; Flora **38**: 494, 1855].
≡ ***Periconia funerea*** (Ces.) E.W. Mason & M.B. Ellis, Mycol. Pap. **56**: 117, 1953.
Notes: This is a valid species name with a description on the label of Klotzschii Herbarium Vivum Mycologicum, Editio Nova, 79 (fig. 11).

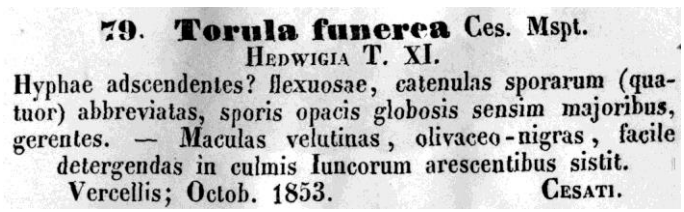

79. **Torula funerea** Ces. Mspt.
HEDWIGIA T. XI.
Hyphae adscendentes? flexuosae, catenulas sporarum (quatuor) abbreviatas, sporis opacis globosis sensim majoribus, gerentes. — Maculas velutinas, olivaceo-nigras, facile detergendas in culmis Iuncorum arescentibus sistit.
Vercellis; Octob. 1853. CESATI.

Fig. 11

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Puccinia stellariae f. *saginae* Ces., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 1: no. 86a, 1855 [Bot. Zeitung **13**: 599, 1855; Flora **38**: 494, 1855].
= ***Puccinia arenariae*** (Schumach.) J. Schröt., Hedwigia **19**: 38, 1880.
Notes: This is a valid taxon (forma) published as "substrate form" on the label of Klotzschii Herbarium Vivum Mycologicum, Editio Nova, 86a (fig. 12).


86a. **Puccinia Stellariae** Duby.
Forma: Saginae.
In Sagina procumbente β. fontana, secus viam, quae Bugella ad Sanctuarium Oropae ducit. Aug. 1854. Cesati.

Fig. 12

Cent. 2

Peziza cesatii Mont., Hedwigia **1**(10): 72, 1855 [and Mont., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 2: no. 128, 1855; Bot. Zeitung **14**: 86, 1856; Flora **39**: 12, 1856].
≡ *Helotium cesatii* (Mont.) Mont., Syll. gen. sp. crypt. (Paris): 187, 1856.
≡ ***Pocillum cesatii*** (Mont.) De Not., Comm. Soc. Crittog. Ital. **1**(fasc. 5): 361 ["1863"] 1864.
Notes: This species was at first validly published as *Peziza cesatii* in "Hedwigia **1**(10): 72, 1855" with a secondary description on the label of Klotzschii Herbarium Vivum Mycologicum, Editio Nova, 128 (fig. 13). Hence, Montagne's (l.c.) publication under *Helotium* should be classified as combination.

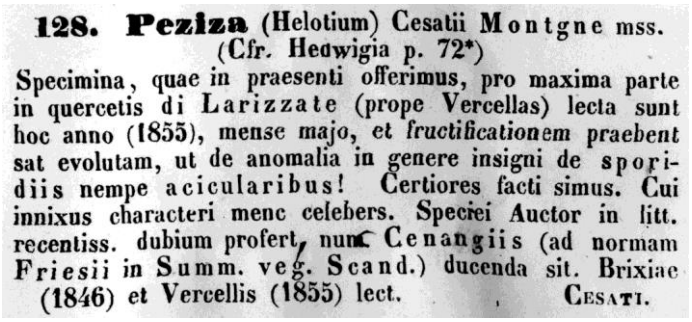

128. **Peziza** (Helotium) Cesatii Montgne mss.
(Cfr. Hedwigia p. 72*)
Specimina, quae in praesenti offerimus, pro maxima parte in quercetis di Larizzate (prope Vercellas) lecta sunt hoc anno (1855), mense majo, et fructificationem praebent sat evolutam, ut de anomalia in genere insigni de sporidiis nempe acicularibus! Certiores facti simus. Cui innixus characteri menc celebers. Speciei Auctor in litt. recentiss. dubium profert, num Cenangiis (ad normam Friesii in Summ. veg. Scand.) ducenda sit. Brixiae (1846) et Vercellis (1855) lect. Cesati.

Fig. 13

Depazea linnaeae (Ehrenb. : Fr.) Rabenh., Deutschl. Krypt.-Fl. **1** (Pilze): 138, Leipzig 1844.[1] [Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 2: no. 149, 1855; Bot. Zeitung **14**: 86, 1856; Flora **39**: 13, 1856].
≡ *Sphaeria linnaeae* Ehrenb., Sylv. mycol. berol. (Berlin): 29, 1818 [: Fr., Syst. mycol. **2**(2): 531, 1823].
≡ ***Septoria linnaeae*** (Ehrenb. : Fr.) Sacc., Bull. Soc. Mycol. France **5**(4): 121, ["1889"] 1890.
Notes: The combination *Depazea linnaeae* was first validly published by Rabenhorst (1844).

Depazea vaccinii (Sowerby : Fr.) Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 2: no. 150, 1855 [Bot. Zeitung **14**: 86, 1856; Flora **39**: 13, 1856].
≡ *Sphaeria vaccinii* Sowerby, Col. fig. Engl. Fung. Mushr. (London) **3**: 156, tab. 373:1, 1803 [: Fr., Systema Mycologicum **2**(2): 418, 1823].
≡ ***Gibbera vaccinii*** (Sowerby : Fr.) Fr., Summa veg. Scand., Sectio Post. (Stockholm): 412, 1849.
Notes: This is a valid combination published on the label of Klotzschii Herbarium Vivum Mycologicum, Editio Nova, 150 (fig. 14).

[1] Rabenhorst (1844) reallocated a large number of species to the genus *Depazea*. Numerous of the combinations concerned have been omitted, i.e., they are not yet listed in important databases of fungal names (see list at the end, p. 38).

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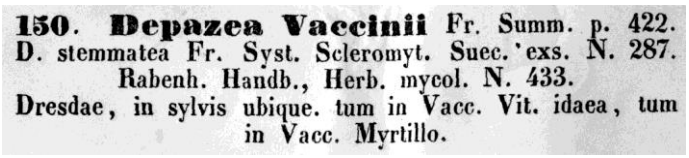

150. Depazea Vaccinii Fr. Summ. p. 422.
D. stemmatea Fr. Syst. Scleromyt. Suec. exs. N. 287.
Rabenh. Handb., Herb. mycol. N. 433.
Dresdae, in sylvis ubique. tum in Vacc. Vit. idaea, tum in Vacc. Myrtillo.

Fig. 14

Depazea hedericola (Fr.) Rabenh., Deutschl. Krypt.-Fl. **1** (Pilze): 138, Leipzig 1844 [Klotzschii Herb. Viv. Mycol., Cent. 11: no. 1074, 1846; Bot. Zeitung **4**: 879, 1846; Flora **31**: 506, 1848; Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 2: no. 151, 1855; Bot. Zeitung **14**: 86, 1856; Flora **39**: 13, 1856].
≡ *Sphaeria hedericola* Fr. [as "*hederaecola*"], Syst. mycol. (Lundae) **2**(2): 528, 1823.
≡ ***Septoria hedericola*** (Fr.) Jørst., Skr. Vidensk.-Akad. Oslo **22**: 11, 1965.
Notes: The combination *Depazea hedericola* was first validly published by Rabenhorst (1844).

Depazea fragariicola (Wallr.) Rabenh. ("*fragariaecola*"), Deutschl. Krypt.-Fl. **1** (Pilze): 138, Leipzig 1844 [Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 2: no. 152, 1855; Bot. Zeitung **14**: 86, 1856; Flora **39**: 13, 1856].
≡ *Sphaeria fragariicola* Wallr., Fl. crypt. Germ. (Norimbergae) **2**: 767, 1833.
Notes: The combination *Depazea hedericola* was first validly published by Rabenhorst (1844).

Rhytisma acerinum f. *spermatigerum* Rabenh. ("*spermatigera*"), Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 2: no. 160b, 1855 [Bot. Zeitung **14**: 86, 1856; Flora **39**: 13, 1856].
Notes: This is a forma validly published in Klotzschii Herb. Viv. Mycol., Ed. Nova, 160b (fig. 15).


b. Rhytisma acerinum Fr. forma spermatigera
In foliis Aceris Pseudo-Platani in montibus sudeticis vulgare. Forma spermatigera sporigeram, quam demum foliis dejectis ac putrescentibus reperis longe antecedit. August et September 1855. Th. Bail.

Fig. 15

Peronospora ochroleuca Ces., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 2: no. 175, 1855 [Bot. Zeitung **14**: 87, 1856; Flora **39**: 13, 1856].
Notes: This species was validly published in Klotzschii Herb. Viv. Mycol., Ed. Nova, 175 (fig. 16). Constantinescu (1991: 66) classified this name as "invalid" since portions of no. 175 were distributed under the name *P. ochracea* Ces. *P. ocholeuca* was the sole name used in the publications in Bot. Zeitung **14**: 87, 1856 and Flora **39**: 13, 1856. Furthermore, alternative names published before 1 Jan. 1953 are not invalid (Art. 36.3).

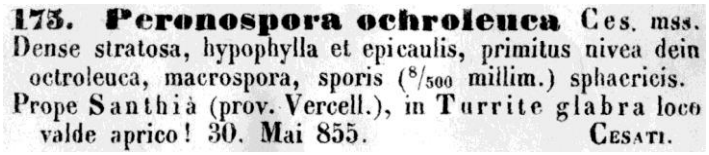

175. Peronospora ochroleuca Ces. mss.
Dense stratosa, hypophylla et epicaulis, primitus nivea dein ochroleuca, macrospora, sporis ($^{8}/_{500}$ millim.) sphaericis. Prope Santhià (prov. Vercell.), in Turrite glabra loco valde aprico! 30. Mai 855. Cesati.

Fig. 16

Fusarium graminum var. *tritici* J.G. Kühn, in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 2: no. 188, 1855 [Bot. Zeitung **14**: 87, 1856; Flora **39**: 13, 1856].
Notes: This variety was validly published in Klotzschii Herb. Viv. Mycol., Ed. Nova, 188 with a brief description (fig. 17). The duplicate deposited in herbarium HAL is supplemented by a handwritten label probably added by J. Kühn (fig. 18).

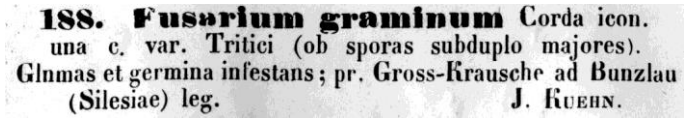

188. Fusarium graminum Corda icon.
una c. var. Tritici (ob sporas subduplo majores).
Glumas et germina infestans; pr. Gross-Krausche ad Bunzlau (Silesiae) leg. J. Kuehn.

Fig. 17

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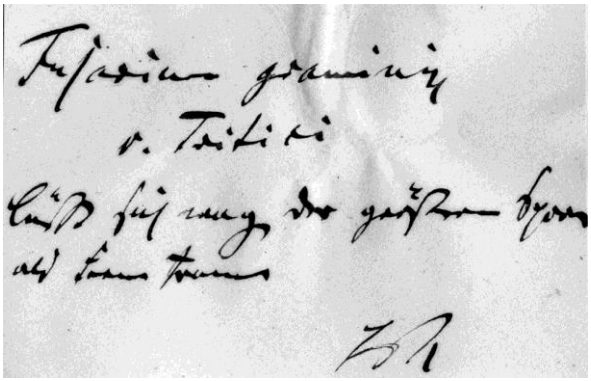


Fig. 18

Sorosporium schizocaulon var. *violae* Casp. in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 2: no. 190, 1855 [Bot. Zeitung **14**: 87, 1856; Flora **39**: 13, 1856], nom. nud.
≡ ***Urocystis violae*** (Sowerby) A.A. Fisch. Waldh., Bull. Soc. Imp. Nat. Moscou **40**: 258, 1867.

Cent. 3

Corticium platani Ces., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 3: no. 215, 1856 [Bot. Zeitung **14**: 426, 1856; Flora **39**: 374, 1856].
≡ *Terana platani* (Ces.) Kuntze, Revis. gen. pl. (Leipzig) **2**: 872, 1891.
Notes: This species was validly published in Klotzschii Herb. Viv. Mycol., Ed. Nova, 215 (fig. 19).

215. Corticium Platani Ces. mss.
Ambitu eximie radianti byssino albo; hymenio e sporis oblongis obtusis guttula repletis e luteo virentibus chlorotino: Sporae $^{5}/_{500}$ mill. long.
Vercellis: in ambulacro ad Platanum vetustam. — Mens. Nov. et Dec. 1855. Cesati.

Fig. 19

Corticium puberum var. *effusum* Lasch, in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 3: no. 216b, 1856 [Bot. Zeitung **14**: 426, 1856; Flora **39**: 374, 1856], nom. nud.

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 Ver. Naturk. **23-24**: 205, [1869-70] 1870.
Notes: This species was validly published in Klotzschii Herb. Viv. Mycol., Ed. Nova, 253 (fig. 20).

253. Sphaeria (Obvallatae) **oncostoma** (Duby mss.) pustulato — extensa nigra, receptaculis numerosis immersis subverticalibus subglobosis aggregatis confertis, ostiolis fasciculatim erumpentibus crassis rectis cylindrico-incrassatis rugoso-nodosis aequalibus obtusis demumque pertusis, thecis elongato — clavaeformibus sporas 8 hyalinas 2-seriales ovato-lanceolatas utrinque obtusas medio subconstrictas et obscure septatas sporulis 4 (?) globosis faetas foventibus. — Ad ramum dejectum Robiniae prope Genevam, autumno. — Cui inter species jam descriptas referre nescio. S. spinosae, S. ciliatae, et S. tortuosae vicina, sed S. spinosa Pers. Fries! est latissime effusa indeterminata, ostiolis angulatis, thecis lanceolatis sporas minutissimas lineares ad utramque extremitatem sporula foetas foventibus; S. ciliata Pers Nees! gaudet ostiolis gracilibus flexuosis laevibus, sporis simplicibus lineari-lanceolatis utrinque acutis; S. tortuosa Fries! distinguitur ostiolis intra pustulam convergentibus, sporis minutissimis cylindricis vix arcuatis ad utramque extremitatem sporula foetis. — Nomen ab *ογκος* (incrassatus) et *δρομα* (os). Duby.

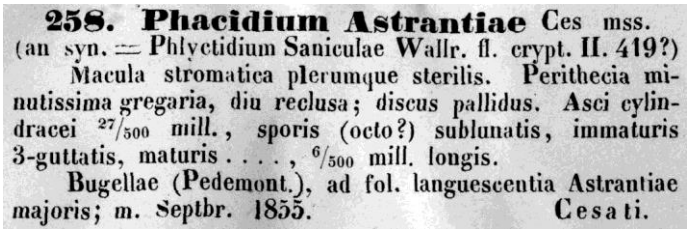
Fig. 20

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Phacidium astrantiae Ces., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 3: no. 258, 1856 [Bot. Zeitung **14**: 429, 1856; Flora **39**: 376, 1856].

≡ ***Leptotrochila astrantiae*** (Ces.) Schüepp, Phytopath. Z. **36**: 260, 1959.

Notes: This species was validly published in Klotzschii Herb. Viv. Mycol., Ed. Nova, 258 (fig. 21).

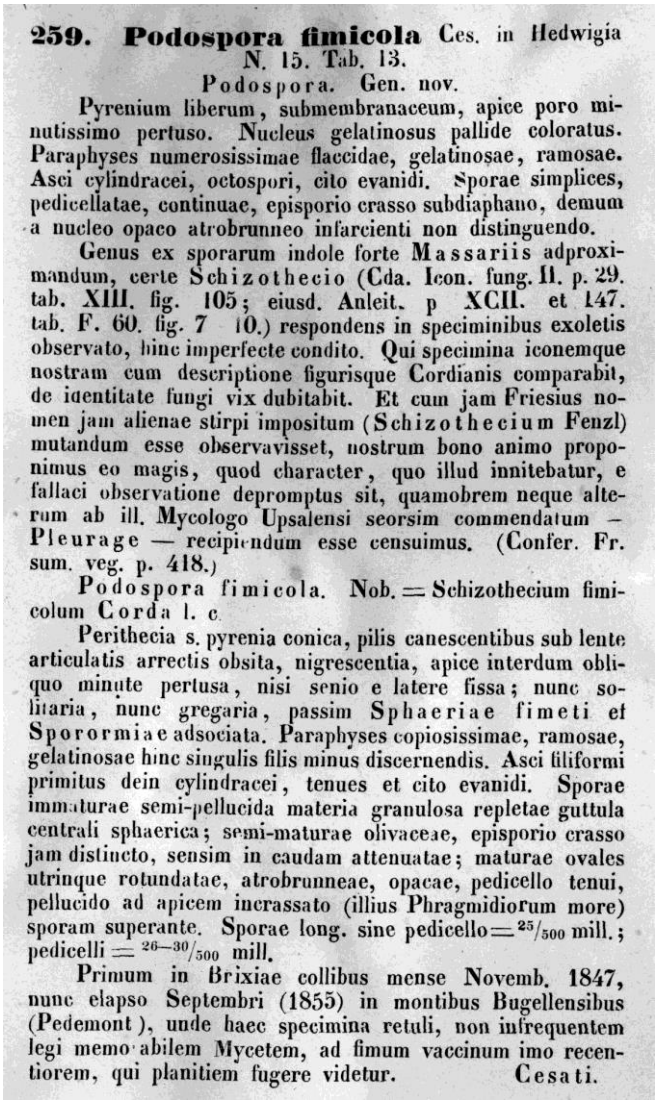


258. Phacidium Astrantiae Ces mss.
(an syn. = Phlyctidium Saniculae Wallr. fl. crypt. II. 419?)
Macula stromatica plerumque sterilis. Perithecia minutissima gregaria, diu reclusa; discus pallidus. Asci cylindracei $^{27}/_{500}$ mill., sporis (octo?) sublunatis, immaturis 3-guttatis, maturis . . . . , $^{6}/_{500}$ mill. longis.
Bugellae (Pedemont.), ad fol. languescentia Astrantiae majoris; m. Septbr. 1855. Cesati.

Fig. 21

Podospora Ces., Hedwigia **1**(15): 103, Tab. XIV, A, 1–11, 1856 [Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 3: no. 259, 1856; Bot. Zeitung **14**: 429, 1856; Flora **39**: 376, 1856].

Notes: This genus was validly published in "Hedwigia **1**(15): 103, Tab. XIV, A, 1–11, 1856" with a description later added in Klotzschii Herb. Viv. Mycol., Ed. Nova, 259 (fig. 22).



259. Podospora fimicola Ces. in Hedwigia N. 15. Tab. 13.

Podospora. Gen. nov.

Pyrenium liberum, submembranaceum, apice poro minutissimo pertuso. Nucleus gelatinosus pallide coloratus. Paraphyses numerosissimae flaccidae, gelatinosae, ramosae. Asci cylindracei, octospori, cito evanidi. Sporae simplices, pedicellatae, continuae, episporio crasso subdiaphano, demum a nucleo opaco atrobrunneo infarcienti non distinguendo.

Genus ex sporarum indole forte Massariis adproximandum, certe Schizothecio (Cda. Icon. fung. II. p. 29. tab. XIII. fig. 105; eiusd. Anleit. p XCII. et 147. tab. F. 60. fig. 7 10.) respondens in speciminibus exoletis observato, hinc imperfecte condito. Qui specimina iconemque nostram cum descriptione figurisque Cordianis comparabit, de identitate fungi vix dubitabit. Et cum jam Friesius nomen jam alienae stirpi impositum (Schizothecium Fenzl) mutandum esse observavisset, nostrum bono animo proponimus eo magis, quod character, quo illud innitebatur, e fallaci observatione depromptus sit, quamobrem neque alterum ab ill. Mycologo Upsalensi seorsim commendatum — Pleurage — recipiendum esse censuimus. (Confer. Fr. sum. veg. p. 418.)

Podospora fimicola. Nob. = Schizothecium fimicolum Corda l. c.

Perithecia s. pyrenia conica, pilis canescentibus sub lente articulatis arrectis obsita, nigrescentia, apice interdum obliquo minute pertusa, nisi senio e latere fissa; nunc solitaria, nunc gregaria, passim Sphaeriae fimeti et Sporormiae adsociata. Paraphyses copiosissimae, ramosae, gelatinosae hinc singulis filis minus discernendis. Asci filiformi primitus dein cylindracei, tenues et cito evanidi. Sporae immaturae semi-pellucida materia granulosa repletae guttula centrali sphaerica; semi-maturae olivaceae, episporio crasso jam distincto, sensim in caudam attenuatae; maturae ovales utrinque rotundatae, atrobrunneae, opacae, pedicello tenui, pellucido ad apicem incrassato (illius Phragmidiorum more) sporam superante. Sporae long. sine pedicello = $^{25}/_{500}$ mill.; pedicelli = $^{26-30}/_{500}$ mill.

Primum in Brixiae collibus mense Novemb. 1847, nunc elapso Septembri (1855) in montibus Bugellensibus (Pedemont), unde haec specimina retuli, non infrequentem legi memorabilem Mycetem, ad fimum vaccinum imo recentiorem, qui planitiem fugere videtur. Cesati.

Fig. 22

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Podospora fimicola (Corda) Ces., Hedwigia **1**(15): 103, Tab. XIV, A, 1–11, 1856 [Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 3: no. 259, 1856; Bot. Zeitung **14**: 429, 1856; Flora **39**: 376, 1856].
≡ *Schizothecium fimicola* Corda [as "*fimicolum*"], Icon. fung. (Prague) **2**: 29, 1838.
Notes: The combination *P. fimicola* was first validly published in "Hedwigia **1**(15): 103, Tab. XIV, A, 1–11, 1856".

Depazea palustris Ces., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 3: no. 266, 1856 [Bot. Zeitung **14**: 445, 1856; Flora **39**: 376, 1856].
Notes: This species has been validly published with a description in Klotzschii Herb. Viv. Mycol., Ed. Nova, 266 (fig. 23).

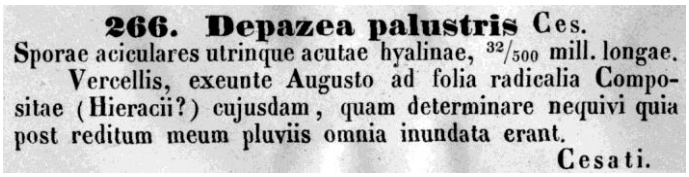

266. Depazea palustris Ces.
Sporae aciculares utrinque acutae hyalinae, $^{32}/_{500}$ mill. longae.
Vercellis, exeunte Augusto ad folia radicalia Compositae (Hieracii?) cujusdam, quam determinare nequivi quia post reditum meum pluviis omnia inundata erant.
Cesati.

Fig. 23

Hirudinaria Ces., Hedwigia **1**(15): 104, Tab. XIV, G, 1–3, 1856 [in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 3: no. 269, 1856; Bot. Zeitung **14**: 445, 1856; Flora **39**: 377, 1856].
Notes: This genus was validly published in "Hedwigia **1**(15): 104, Tab. XIV, G, 1–3, 1856. A description was later added in Klotzschii Herb. Viv. Mycol., Ed. Nova, 269.

Hirudinaria macrocarpa Ces., Hedwigia **1**(15): 104, Tab. XIV, G, 1–2, 1856 [in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 3: no. 269, 1856; Bot. Zeitung **14**: 445, 1856; Flora **39**: 377, 1856, as *H. macrospora*].
Notes: This species was first validly published in Hedwigia **1**(15): 104, Tab. XIV, G, 1–2, 1856. Later a description was added in Klotzschii Herb. Viv. Mycol., Ed. Nova, 269. The name *H. macrospora* used in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 3: no. 269, 1856, Bot. Zeitung **14**: 445, 1856, and Flora **39**: 377, 1856 seems to be an alternative name for *H. macrocarpa*.

Hirudinaria mespili Ces., Hedwigia 1(15): 104, Tab. XIV, G, 3, 1856 [in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 3: no. 269, 1856; Bot. Zeitung **14**: 445, 1856; Flora **39**: 377, 1856].
Notes: This species was validly published in Hedwigia 1(15): 104, Tab. XIV, G, 3, 1856. Later a description was added in Klotzschii Herb. Viv. Mycol., Ed. Nova, 269.

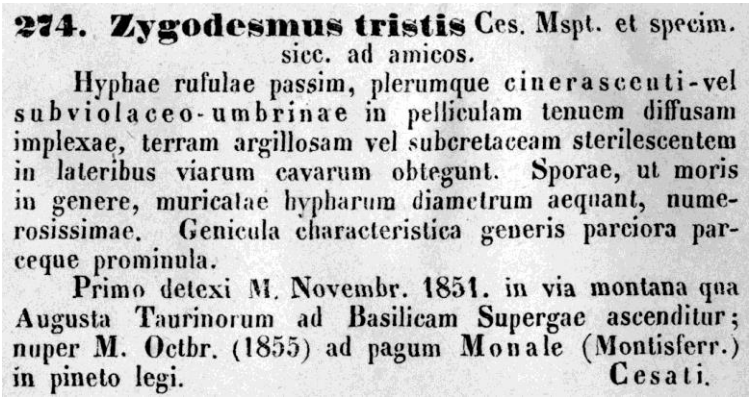
Oidium monilioides f. *leonuri* Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 3: no. 272, 1856; Bot. Zeitung **14**: 446, 1856; Flora **39**: 377, 1856
= ***Neoerysiphe galeopsidis*** (DC.) U. Braun, Schlechtendalia **3**: 50, 1999.
Notes: This is a valid taxon published as substrate forma (fig. 24)


272. Oidium Monilioides L. form. Leonuri.
Prope Pillnitz ad Dresdam, autumno 1855. L. R.

Fig. 24

Zygodesmus tristis Ces., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 3: no. 274, 1856 [Bot. Zeitung **14**: 446, 1856; Flora **39**: 377, 1856].
Notes: This species was validly published with a description in Klotzschii Herb. Viv. Mycol., Ed. Nova, 274 (fig. 25).

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274. Zygodesmus tristis Ces. Mspt. et specim. sicc. ad amicos.

Hyphae rufulae passim, plerumque cinerascenti-vel subviolaceo-umbrinae in pelliculam tenuem diffusam implexae, terram argillosam vel subcretaceam sterilescentem in lateribus viarum cavarum obtegunt. Sporae, ut moris in genere, muricatae hypharum diametrum aequant, numerosissimae. Genicula characteristica generis parciora parceque prominula.

Primo detexi M. Novembr. 1851. in via montana qua Augusta Taurinorum ad Basilicam Supergae ascenditur; nuper M. Octbr. (1855) ad pagum Monale (Montisferr.) in pineto legi. Cesati.

Fig. 25

Phragmidium fragariae (Rabenh.) Rossmann, in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 3: no. 281, 1856 [Bot. Zeitung **14**: 446, 1856; Flora **39**: 378, 1856].

≡ *Uredo fragariae* Rabenh., Deutschl. Krypt.-Fl. **1** (Pilze): 12, Leipzig 1844 [neotype (designated here, MycoBank, MBT383656), Germany, near Giessen, forest, Linder Mark, on *Potentilla sterilis* (as "*Fragaria vesca*"), July, J. Rossmann [Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 3: no. 281] (HAL, s.n.).

≡ *Epitea fragariae* (Rabenh.) G.H. Otth, Mitt. Naturf. Ges. Bern **531-552**: 87, ["1863"] 1864.

Notes: Rossmann (l.c.) cited and discussed *Uredo fragariae* Rabenh., which is the basionym of *Phragmidium fragariae* (Rabenh.) Rossmann (fig. 26). Rabenhorst (l.c.) described *Uredo fragariae* on "*Fragaria vesca*" (host identity unclear and doubtful). The leaves distributed in Klotzschii Herb. Viv. Mycol., Ed. Nova, no. 281 belong to *Potentilla sterilis*. Hence, it can be assumed that *Uredo fragariae* is very probably a synonym of a species currently referred to as *Phragmidium fragariae* (DC.) G. Winter (since type material of Rabenhorst's *Uredo fragaria* is not preserved, I propose to neotypify this species with the material distributed in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, no. 281 in order to determine the application of this name and Rossmann's combination). The combination *Phragmidium fragariae* (Rabenh.) Rossmann is valid, hence *Phragmidium fragariae* (DC.) G. Winter is an illegitimate name (homonym). Therefore, the correct name for this species is now *Phragmidium fragariastri* [to maintain the name *Phragmidium fragariae* (DC.) G. Winter a proposal to reject the name *Phragmidium fragariae* (Rabenh.) Rossmann would be necessary]:

Phragmidium fragariastri (DC.) J. Schröt., in Cohn, Krypt.-Fl. Schlesien (Breslau) **3.1**(17–24): 351, 1887.

≡ *Puccinia fragariastri* DC., in de Candolle & Lamarck, Fl. franç., Edn 3 (Paris) **5/6**: 55, 1815.

= *Puccinia fragariae* DC., Encycl. Méth. Bot. **8**: 244, 1808.

≡ *Phragmidium fragariae* (DC.) G. Winter, in Rabenh., Krypt.-Fl., Zweite Aufl., Band 1, Lief. 4: 228, 1881, nom. illeg. (Art. 53.1), non Rossmann 1856.

= *Uredo fragariae* Rabenh., Deutschl. Krypt.-Fl. **1** (Pilze): 12, Leipzig 1844.

≡ *Phragmidium fragariae* (Rabenh.) Rossmann, in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 3: no. 281, 1856.

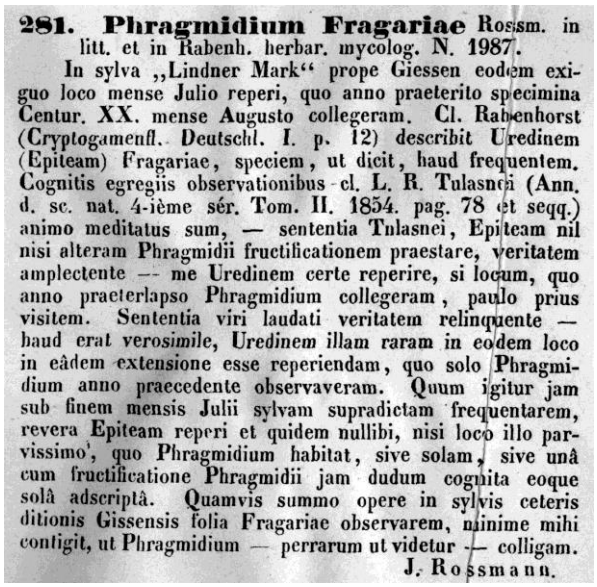
≡ *Epitea fragariae* (Rabenh.) G.H. Otth, Mitt. Naturf. Ges. Bern **531-552**: 87, ["1863"] 1864.

= *Lecythea potentillarum* Lév., Ann. Sci. Nat., Bot., Sér. 3, **8**: 374, 1847.

= *Phragmidium granulatum* Fuckel, Jahrb. Nassauischen Ver. Naturk. **23-24**: 46, 1870.

The name *Phragmidium obtusum*, sometimes reduced to synonymy with *Phragmidium fragariae*, was occasionally ascribed to G. Winter (Winter 1880), although it is a combination based on *Uredo obtusa* F. Strauss, which was introduced by Winter (1880: 26) as "*Phragmidium obtusum* (Str.)". However, the name *Phragmidium obtusum* was already cited by Link (in Willdenow 1825: 84) and Tulasne (1854: 147 and 148). Link (l.c.) referred to Kunze & Schmidt, Deutschl. Schwämme no. 120, and Tulasne (l.c.) as well as Winter (l.c.) cited no 312 of this exsiccata.

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281. Phragmidium Fragariae Rossm. in litt. et in Rabenh. herbar. mycolog. N. 1987.

In sylva „Lindner Mark“ prope Giessen eodem exiguo loco mense Julio reperi, quo anno praeterito specimina Centur. XX. mense Augusto collegeram. Cl. Rabenhorst (Cryptogamenfl. Deutschl. I. p. 12) describit Uredinem (Epiteam) Fragariae, speciem, ut dicit, haud frequentem. Cognitis egregiis observationibus cl. L. R. Tulasnei (Ann. d. sc. nat. 4-ième sér. Tom. II. 1854. pag. 78 et seqq.) animo meditatus sum, — sententia Tulasnei, Epiteam nil nisi alteram Phragmidii fructificationem praestare, veritatem amplectente — me Uredinem certe reperire, si locum, quo anno praeterlapso Phragmidium collegeram, paulo prius visitem. Sententia viri laudati veritatem relinquente — haud erat verosimile, Uredinem illam raram in eodem loco in eâdem extensione esse reperiendam, quo solo Phragmidium anno praecedente observaveram. Quum igitur jam sub finem mensis Julii sylvam supradictam frequentarem, revera Epiteam reperi et quidem nullibi, nisi loco illo parvissimo, quo Phragmidium habitat, sive solam, sive unâ cum fructificatione Phragmidii jam dudum cognita eoque solâ adscriptâ. Quamvis summo opere in sylvis ceteris ditionis Gissensis folia Fragariae observarem, minime mihi contigit, ut Phragmidium — perrarum ut videtur — colligam.

J. Rossmann.

Fig. 26

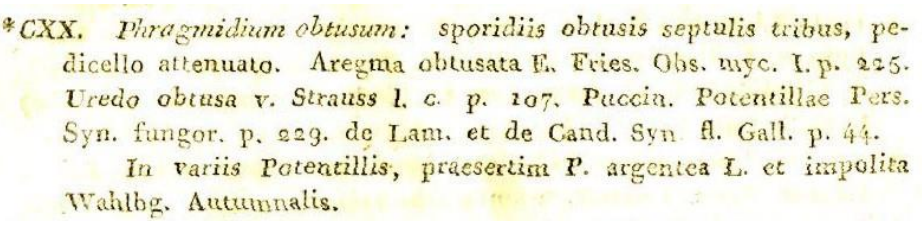
The first introduction of *Phragmidium obtusum*, based on *Uredo obtusa*, is attributable to Kunze & Schmidt, Deutschl. Schwämme 120 issued in 1816 (fig. 27). However, Strauss (1810: 107) cited *Puccinia potentillae* Pers. (non *Uredo potentillae* Schumach. 1803) as basionym for *Uredo obtusa*, i.e., the latter name is a nom. nov. for *Puccinia potentillae* in *Uredo* and a synonym of *Phragmidium potentillae* (Pers.) P. Karst. Schmidt & Kunze (l.c.) used the new name *Uredo obtusa*, proposed by Strauss (l.c.), but they failed to introduce the correct combination *Phragmidium potentilla*, based on the older valid name *Puccinia potentillae*, although they cited the latter name as synonym:

Phragmidium potentillae (Pers.) P. Karst., Bidr. Känn. Finl. Nat. Folk **31**: 49, 1878.

≡ *Puccinia potentillae* Pers., Syn. meth. fung. (Göttingen) **1**: 229, 1801, non *Uredo potentillae* Schumach., 1803.

≡ *Uredo obtusa* F. Strauss, Ann. Wetter. Ges. Gesammte Naturk. **2**: 107, [“1810”] 1811, non *Uredo potentillae* Schumach. 1803.

≡ *Phragmidium obtusum* (F. Strauss) J.C. Schmidt & Kunze, Deutschl. Schwämme, Fünfte Lieferung: 5, 1816, nom. illeg. (Art. 52.1).



*CXX. *Phragmidium obtusum: sporidiis obtusis septulis tribus, pedicello attenuato.* Aregma obtusata E. Fries. Obs. myc. I. p. 225. *Uredo obtusa* v. Strauss l. c. p. 107. Puccin. Potentillae Pers. Syn. fungor. p. 229. de Lam. et de Cand. Syn fl. Gall. p. 44.

In variis Potentillis, praesertim P. argentea L. et impolita Wahlbg. Autumnalis.

Fig. 27 (Schmidt & Kunze, Deutschl. Schwämme, Fünfte Lieferung: 5, 1816)

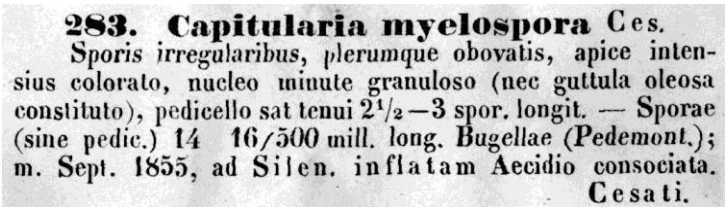
Aregma obtusatum is another species previously reduced to synonymy with *Phragmidium fragariae*. Fries (1832) introduced the name *Aregma obtusatum* and cited *Puccinia potentillae*, *P. fragariastri*, and *Uredo obtusa* as synonyms, hence, *Aregma obtusatum* being a superfluous name since the included name *Puccinia potentillae* ought to have been adoped. Later, Fries (1849) reduced *Aregma* to synonymy with *Phragmidium* and introduded *Phragmidium obtusatum*, referring to his illegitimate *Aregma obtusatum*:

Aregma obtusatum Fr. [as “*obtusata*”], Syst. mycol. (Lundae) **3**(2): 497, 1832, nom. illeg. (Art. 52.1).

≡ *Phragmidium obtusatum* (Fr.) Fr., Summa veg. Scand., Sectio Post. (Stockholm): 507, 1849.

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Capitularia myelospora Ces., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 3: no. 283, 1856 [Bot. Zeitung **14**: 446, 1856; Flora **39**: 378, 1856].
= ***Uromyces behenis*** (DC.) Unger, Einfl. Boden. Verth. Gew.: 216, 1836.
Notes: This is a validly published species with a description in Klotzschii Herb. Viv. Mycol., Ed. Nova, 283 (fig. 28).



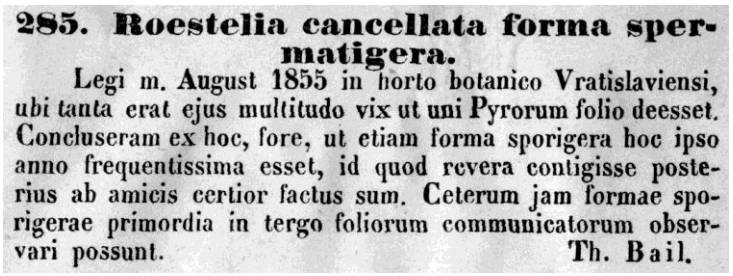
283. Capitularia myelospora Ces.

Sporis irregularibus, plerumque obovatis, apice intensius colorato, nucleo minute granuloso (nec guttula oleosa constituto), pedicello sat tenui 2½—3 spor. longit. — Sporae (sine pedic.) 14 16/500 mill. long. Bugellae (Pedemont.); m. Sept. 1855, ad Silen. inflatam Aecidio consociata.

Cesati.

Fig. 28

Roestelia cancellata f. *spermatigera* Bail, in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 3: no. 285, 1856 [Bot. Zeitung **14**: 447, 1856; Flora **39**: 378, 1856].
Notes: This is a valid forma published in Klotzschii Herb. Viv. Mycol., Ed. Nova, 285 (fig. 29).



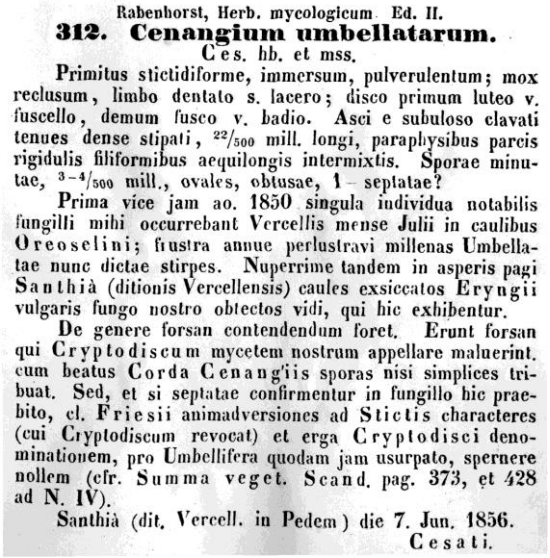
285. Roestelia cancellata forma spermatigera.

Legi m. August 1855 in horto botanico Vratislaviensi, ubi tanta erat ejus multitudo vix ut uni Pyrorum folio deesset. Concluseram ex hoc, fore, ut etiam forma sporigera hoc ipso anno frequentissima esset, id quod revera contigisse posterius ab amicis certior factus sum. Ceterum jam formae sporigerae primordia in tergo foliorum communicatorum observari possunt.

Th. Bail.

Fig. 29

Cent. 4
Cenangium umbellatarum Ces., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 4: no. 312, 1857 [Bot. Zeitung **15**: 93, 1857; Flora **40**: 133, 1857].
≡ ***Pyrenopeziza umbellatarum*** (Ces.) Rehm, Ber. Bayer. Bot. Ges. **13**: 175, 1912.
Notes: This is a valid species published with a description in Klotzschii Herb. Viv. Mycol., Ed. Nova, 312 (fig. 30).



Rabenhorst, Herb. mycologicum Ed. II.

312. Cenangium umbellatarum.

Ces. hb. et mss.

Primitus stictidiforme, immersum, pulverulentum; mox reclusum, limbo dentato s. lacero; disco primum luteo v. fuscello, demum fusco v. badio. Asci e subuloso clavati tenues dense stipati, 22/500 mill. longi, paraphysibus parcis rigidulis filiformibus aequilongis intermixtis. Sporae minutae, 3–4/500 mill., ovales, obtusae, 1 – septatae?

Prima vice jam ao. 1850 singula individua notabilis fungilli mihi occurrebant Vercellis mense Julii in caulibus Oreoselini; frustra annue perlustravi millenas Umbellatae nunc dictae stirpes. Nuperrime tandem in asperis pagi Santhià (ditionis Vercellensis) caules exsiccatos Eryngii vulgaris fungo nostro obtectos vidi, qui hic exhibentur.

De genere forsan contendendum foret. Erunt forsan qui Cryptodiscum mycetem nostrum appellare maluerint, cum beatus Corda Cenangiis sporas nisi simplices tribuat. Sed, et si septatae confirmentur in fungillo hic praebito, cl. Friesii animadversiones ad Stictis characteres (cui Cryptodiscum revocat) et erga Cryptodisci denominationem, pro Umbellifera quodam jam usurpato, spernere nollem (cfr. Summa veget. Scand. pag. 373, et 428 ad N. IV).

Santhià (dit. Vercell. in Pedem) die 7. Jun. 1856.

Cesati.

Fig. 30

Peronospora grisea Unger var. *minor* Casp., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 4: no. 323, 1857 [Bot. Zeitung **15**: 94, 1857; Flora **40**: 133, 1857].
Notes: This is a valid variety published in Klotzschii Herb. Viv. Mycol., Ed. Nova, 323 (fig. 31). This variety was assigned to *Peronospora grisea*. This species name has to be ascribed to Unger. It was originaly based on *Botrytis grisea* Unger, 1833, but this name is an illegimate

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homonym of *Botrytis grisea* (Link : Fr.) Duby, 1830, i.e., the citation as "*Peronospora grisea* (Unger) Unger" as stated in Constantinescu (1991: 45) is not correct and has to be altered to:
Peronospora grisea Unger, Bot. Zeitung **5**(18): 315, 1847.
≡ *Botrytis grisea* Unger, Die Exantheme der Pflanzen: 172, 1833, nom. illeg. (Art. 53.1).


Rabenhorst, Herb. mycologicum. Ed. II.
323. Peronospora grisea Unger bot. Zeit. 1847. p. 315.
b) minor Casp. Mspt.
Peronospora Papaveris Tulasne Compt. rend. XXXVIII. p. 26.
In Papaveris Rhoeadis foliis et caulibus, Bonnae, in agris, Junio 1856 leg. Caspary.
Obs. A Peron. effusa Rabenh. nil nisi colore cinerascente in speciminibus recentibus differt, in siccis vix ulla differentia.

Fig. 31

Peronospora lamii A. Braun, in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 4: no. 325, 1857 [Bot. Zeitung **15**: 94, 1857; Flora **40**: 133, 1857].
Notes: This is a valid species published with a description in Klotzschii Herb. Viv. Mycol., Ed. Nova, 325 (fig. 32).

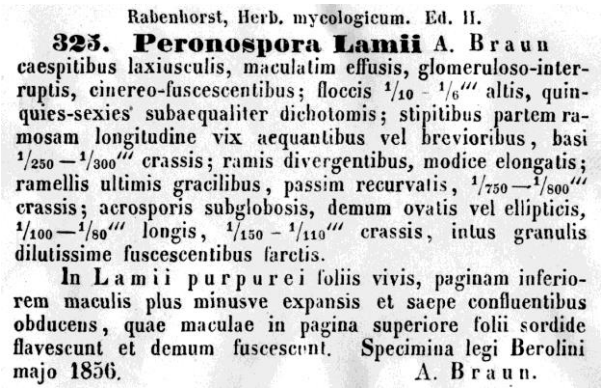

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325. Peronospora Lamii A. Braun
caespitibus laxiusculis, maculatim effusis, glomeruloso-interruptis, cinereo-fuscescentibus; floccis $^1/_{10}$ - $^1/_6$‴ altis, quinques-sexies subaequaliter dichotomis; stipitibus partem ramosam longitudine vix aequantibus vel brevioribus, basi $^1/_{250}$—$^1/_{300}$‴ crassis; ramis divergentibus, modice elongatis; ramellis ultimis gracilibus, passim recurvatis, $^1/_{750}$—$^1/_{800}$‴ crassis; acrosporis subglobosis, demum ovatis vel ellipticis, $^1/_{100}$—$^1/_{80}$‴ longis, $^1/_{150}$ - $^1/_{110}$‴ crassis, intus granulis dilutissime fuscescentibus farctis.
In Lamii purpurei foliis vivis, paginam inferiorem maculis plus minusve expansis et saepe confluentibus obducens, quae maculae in pagina superiore folii sordide flavescunt et demum fuscescunt. Specimina legi Berolini majo 1856. A. Braun.

Fig. 32

Cylindrosporium phaseoli Rabenh. (as "*Cylindrospora*"), Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 4: no. 327, 1857 [Bot. Zeitung **15**: 94, 1857; Flora **40**: 134, 1857], nom. nud.

Torula pinophila (Nees) Chevall. var. *ericicola* Rabenh. (as "*ericaecola*"), Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 4: no. 331b, 1857 [Bot. Zeitung **15**: 94, 1857; Flora **40**: 134, 1857], nom. nud.

Helminthosporium gramineum Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 4: no. 332, 1857 [Bot. Zeitung **15**: 94, 1857; Flora **40**: 134, 1857].
Notes: This is a valid species published with a diagnosis on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 332 (fig. 33).


Rabenhorst, Herb. mycologicum. Ed. II.
332. Helminthosporium gramineum Rabenh. Mspt. (n. sp.)
H. gracili Wallr. Flor. cr. p. 164. affinis, diff. spor. solitariis elongato-cylindraceis 3—6 septatis.
Poppelsdorf pr. Bonnam, in fol. Hordei vulgaris, quae ad tempus florendi omnino destruuntur, Junio 1856 leg. R Caspary.

Fig. 33

Puccinia alliorum (DC.) Casp., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 4: no. 351, 1857 [Bot. Zeitung **15**: 95, 1857; Flora **40**: 134, 1857], nom. illeg. (Art. 53.1), non Corda, 1840.

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≡ *Uredo alliorum* DC., in de Candolle & Lamarck, Fl. franç., Edn 3 (Paris) **5/6**: 82, 1815.

Uromyces apiculatus (F. Strauss) Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 4: no. 362, 1857 [Bot. Zeitung **15**: 95, 1857; Flora **40**: 135, 1857].
≡ *Uredo apiculata* F. Strauss, Ann. Wetter. Gesellsch. Ges. Naturk. **2**: 97 ["1810"] 1811.
Notes: This combination was validly published on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 362 (fig. 34). Var. *trifolii* (no. 36), var. *pisi-sativi* (no. 363), and var. *phaseoli* (no. 364) are nomina nuda.


Rabenhorst, Herb. mycologicum. Ed. II.
362. Uromyces apiculata Strauss var. Trifolii.
In fol. Trifolii arvensis ubique.

Fig. 34

Uromyces muricella (Wallr.) Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 4: no. 366, 1857 [Bot. Zeitung **15**: 95, 1857; Flora **40**: 135, 1857].
≡ *Erysibe muricella* Wallr., Fl. crypt. Germ. (Norimbergae) **2**: 208, 1833.
≡ *Uredo muricella* (Wallr.) Rabenh., Deutschl. Krypt.-Fl. (Leipzig) **1**: 6, 1844.
Notes: This combination was validly published on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 366 (fig. 35).

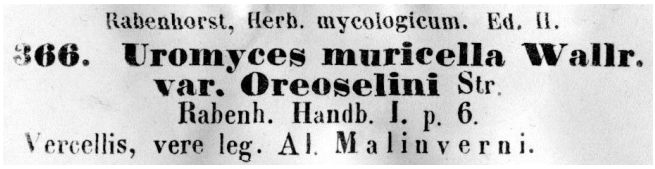

Rabenhorst, Herb. mycologicum. Ed. II.
366. Uromyces muricella Wallr. var. Oreoselini Str.
Rabenh. Handb. I. p. 6.
Vercellis, vere leg. Al. Malinverni.

Fig. 35

Uromyces muricella (Wallr.) Rabenh. var. *oreoselini* (F. Strauss) Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 4: no. 366, 1857 [Bot. Zeitung **15**: 95, 1857; Flora **40**: 135, 1857].
≡ *Uredo oreoselini* F. Strauss, Ann. Wetter. Gesellsch. Ges. Naturk. **2**: 87, ["1810"] 1811.
Notes: This combination was published on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 366 (fig. 35).

Aecidium compositarum Mart. var. *lapsanae* Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 4: no. 370, 1857 [Bot. Zeitung **15**: 95, 1857; Flora **40**: 135, 1857], nom. nud.

Coleosporium senecionis (Schumach.) Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 4: no. 379, 1857 [Bot. Zeitung **15**: 95, 1857; Flora **40**: 135, 1857].
≡ *Uredo senecionis* Schumach., Enum. Pl. **2**: 229, 1803.
≡ *Caeoma senecionis* (Schumach.) Schltdl., Fl. berol. (Berlin) **2**: 119, 1824.
= *Uredo farinosa* ß *senecionis* Pers., Syn. meth. fung. (Göttingen) **1**: 218, 1801.
≡ *Coleosporium senecionis* (Pers.) Fr., Fl. Crypt. Flandres (Paris) **2**: 53, 1867, nom. illeg. (Art. 53.1), non (Schumach.) Rabenh., 1857.
Notes: This is a valid combination published on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 379 (fig. 36). Rabenhorst (l.c.) cited "Schlecht." as author of the basionym, which refers to *Caeoma senecionis* (Schumach.) Schltdl., based on *Uredo senecionis* Schumach.

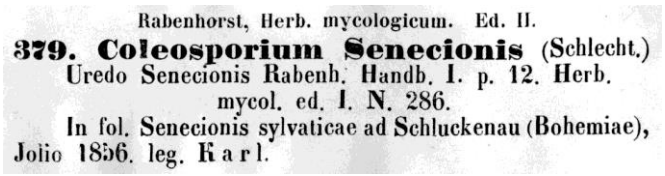

Rabenhorst, Herb. mycologicum. Ed. II.
379. Coleosporium Senecionis (Schlecht.)
Uredo Senecionis Rabenh. Handb. I. p. 12. Herb. mycol. ed. I. N. 286.
In fol. Senecionis sylvaticae ad Schluckenau (Bohemiae), Julio 1856. leg. Karl.

Fig. 36

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Epitea longicapsula (DC.) Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 4: no. 384, 1857 [Bot. Zeitung **15**: 95, 1857; Flora **40**: 135, 1857].
≡ *Uredo longicapsula* DC., Fl. franç., Edn 3 (Paris) **2**: 233, 1805.
Notes: This is a valid combination published on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 384 (fig. 37).

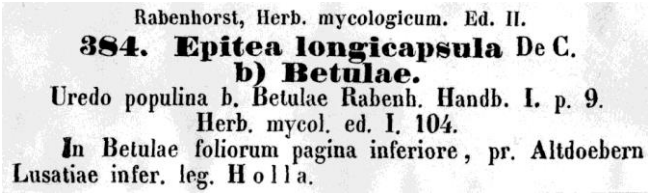

Rabenhorst, Herb. mycologicum. Ed. II.
384. Epitea longicapsula De C.
b) Betulae.
Uredo populina b. Betulae Rabenh. Handb. I. p. 9.
Herb. mycol. ed. I. 104.
In Betulae foliorum pagina inferiore, pr. Altdoebern
Lusatiae infer. leg. H o l l a.

Fig. 37

Uredo leguminosarum Link var. *medicaginis* Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 4: no. 386, 1857 [Bot. Zeitung **15**: 95, 1857; Flora **40**: 135, 1857], nom. nud.

Uredo falcariae (DC.) Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 4: no. 390, 1857 [Bot. Zeitung **15**: 96, 1857; Flora **40**: 135, 1857], nom. illeg. (Art. 53.1), non Spreng., 1827 (fig. 38).
≡ *Aecidium falcariae* DC., in de Candolle & Lamarck, Fl. franç., Edn 3 (Paris) **5/6**: 91, 1815.


Rabenhorst, Herb. mycologicum. Ed. II.
390 Uredo Falcariae (De C.)
In Falcaria Riv. pr. Würzburg leg. Steudner.

Fig. 38

Podocystis lini (DC.) Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 4: no. 391, 1857 [Bot. Zeitung **15**: 96, 1857; Flora **40**: 135, 1857], nom. illeg. (Art. 53.1), non (Ehrenb.) Fr. 1849 (fig. 39).
≡ *Uredo lini* DC., in Lamarck & de Candolle, Fl. franç., Edn 3 (Paris) **2**: 234, 1805.

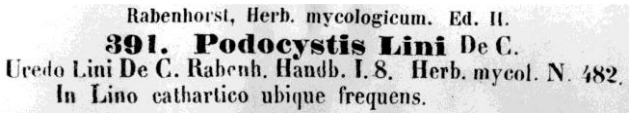

Rabenhorst, Herb. mycologicum. Ed. II.
391. Podocystis Lini De C.
Uredo Lini De C. Rabenh. Handb. I. 8. Herb. mycol. N. 482.
In Lino cathartico ubique frequens.

Fig. 39

Podocystis aecidioides (DC.) Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 4: no. 392, 1857 [Bot. Zeitung **15**: 96, 1857; Flora **40**: 135, 1857].
≡ *Uredo aecidioides* DC., in Lamarck & de Candolle, Fl. franç., Edn 3 (Paris) **2**: 236, 1805.
≡ *Melampsora aecidioides* (DC.) J. Schröt., in Cohn, Krypt.-Fl. Schlesien (Breslau) **3.1**(17–24): 362 [“1889”] 1887.
Notes: This is a valid combination published on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 392 (fig. 40).

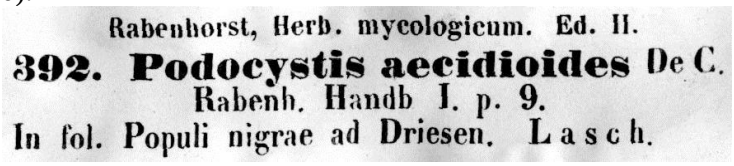

Rabenhorst, Herb. mycologicum. Ed. II.
392. Podocystis aecidioides De C.
Rabenh. Handb I. p. 9.
In fol. Populi nigrae ad Driesen. L a s c h.

Fig. 40

Urocystis occulta (Wallr.) Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 4: no. 393, 1857 [Bot. Zeitung **15**: 96, 1857; Flora **40**: 135, 1857].
≡ *Erysibe occulta* Wallr., Fl. crypt. Germ. (Norimbergae) **2**: 212, 1833.
≡ *Polycystis occulta* (Wallr.) Schltdl., Bot. Zeitung **10**: 602, 1852.
≡ *Urocystis occulta* (Wallr.) A.A. Fisch. Waldh., Bull. Soc. Imp. Nat. Moscou **40**: 257, 1867, isonym.

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Notes: This is a valid combination published on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 393 (fig. 41).

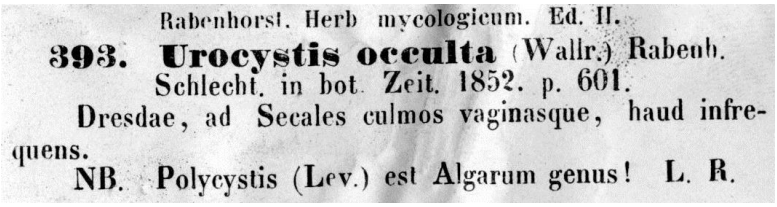

Rabenhorst. Herb mycologicum. Ed. II.
393. **Urocystis occulta** (Wallr.) Rabenh.
Schlecht. in bot. Zeit. 1852. p. 601.
Dresdae, ad Secales culmos vaginasque, haud infrequens.
NB. Polycystis (Lev.) est Algarum genus! L. R.

Fig. 41

Ustilago destruens (Schltdl.) Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 4: no. 400, 1857 [Bot. Zeitung **15**: 96, 1857; Flora **40**: 135, 1857].
≡ *Caeoma destruens* Schltdl., Fl. berol. (Berlin) **2**: 130, 1824.
≡ ***Sporisorium destruens*** (Schltdl.) Vánky, Symb. Bot. Upsal. **24**(2): 115, 1985.
Notes: This is a valid combination published on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 400 (fig. 42).

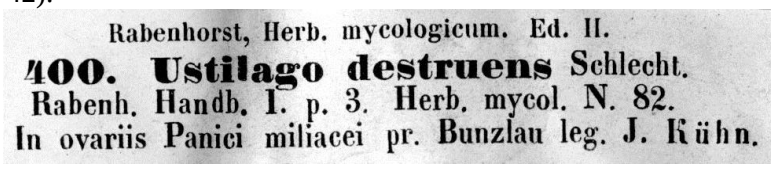

Rabenhorst, Herb. mycologicum. Ed. II.
400. **Ustilago destruens** Schlecht.
Rabenh. Handb. I. p. 3. Herb. mycol. N. 82.
In ovariis Panici miliacei pr. Bunzlau leg. J. Kühn.

Fig. 42

Cent. 5

Agaricus elasticus Lasch, in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 5: no. 405, 1857 [Bot. Zeitung **15**: 171, 1857; Flora **40**: 135, 1857], nom. illeg. (Art. 53.1), non Bolton 1788 (fig. 43).
≡ *Collybia elastica* Sacc. (as "(Lasch) Sacc."), Syll. fung. (Abellini) **5**: 212, 1887.
≡ ***Flammulina elastica*** (Sacc.) Redhead & R.H. Petersen, Mycotaxon **71**: 293, 1999.

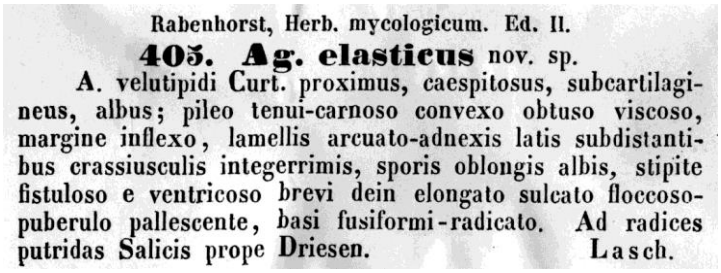

Rabenhorst, Herb. mycologicum. Ed. II.
405. **Ag. elasticus** nov. sp.
A. velutipidi Curt. proximus, caespitosus, subcartilagineus, albus; pileo tenui-carnoso convexo obtuso viscoso, margine inflexo, lamellis arcuato-adnexis latis subdistantibus crassiusculis integerrimis, sporis oblongis albis, stipite fistuloso e ventricoso brevi dein elongato sulcato floccoso-puberulo pallescente, basi fusiformi-radicato. Ad radices putridas Salicis prope Driesen. Lasch.

Fig. 43

Sphaeronaema amenticola Ces. (as "*amenticolum*") in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 5: no. 440, 1857 [Bot. Zeitung **15**: 173, 1857; Flora **40**: 136, 1857].
≡ ***Gnomonia amenticola*** (Ces.) Příhoda, Česká Mykol. **10**(2): 122, 1956.
Notes: This is a valid species published with a diagnosis on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 440 (fig. 44).

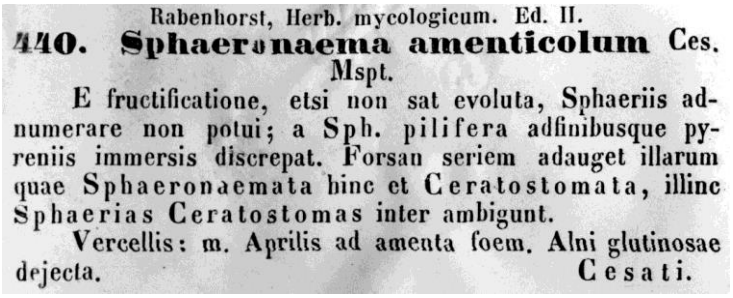

Rabenhorst, Herb. mycologicum. Ed. II.
440. **Sphaeronaema amenticolum** Ces.
Mspt.
E fructificatione, etsi non sat evoluta, Sphaeriis adnumerare non potui; a Sph. pilifera adfinibusque pyreniis immersis discrepat. Forsan seriem adauget illarum quae Sphaeronaemata hinc et Ceratostomata, illinc Sphaerias Ceratostomas inter ambigunt.
Vercellis: m. Aprilis ad amenta foem. Alni glutinosae dejecta. Cesati.

Fig. 44

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Spilosphaeria Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 5: no. 442a, 1857 [Bot. Zeitung **15**: 173, 1857; Flora **40**: 137, 1857].
Notes: The genus name *Spilosphaeria* was validly published in Klotzschii Herb. Viv. Mycol., Ed. Nova, 442a (fig. 45), with *Septoria polygonorum* Desm. as type species.

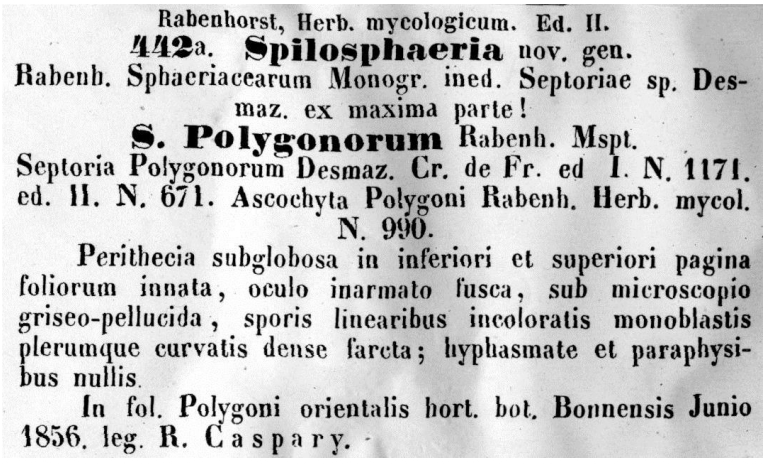

Rabenhorst, Herb. mycologicum. Ed. II.
442a. Spilosphaeria nov. gen.
Rabenh. Sphaeriacearum Monogr. ined. Septoriae sp. Desmaz. ex maxima parte!
S. Polygonorum Rabenh. Mspt.
Septoria Polygonorum Desmaz. Cr. de Fr. ed I. N. 1171. ed. II. N. 671. Ascochyta Polygoni Rabenh. Herb. mycol. N. 990.
Perithecia subglobosa in inferiori et superiori pagina foliorum innata, oculo inarmato fusca, sub microscopio griseo-pellucida, sporis linearibus incoloratis monoblastis plerumque curvatis dense farcta; hyphasmate et paraphysibus nullis.
In fol. Polygoni orientalis hort. bot. Bonnensis Junio 1856. leg. R. Caspary.

Fig. 45

Spilosphaeria polygonorum (Desm.) Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 5: no. 442a, 1857 [Bot. Zeitung **15**: 173, 1857; Flora **40**: 137, 1857].
≡ *Septoria polygonorum* Desm., Ann. Sci. Nat., Bot., Sér. 2, **17**: 108, 1842.
Notes: This is a valid combination published on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 442a (fig. 45).

Heterosphaeria patella (Tode) Grev. var. *campestris* (Fr.) Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 5: no. 447, 1857 [Bot. Zeitung **15**: 173, 1857; Flora **40**: 137, 1857].
≡ *Phacidium patella* var. *campestre* Fr., Elench. fung. (Greifswald) **2**: 134, 1828.
Notes: This is a valid combination published on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 447 (fig. 46).

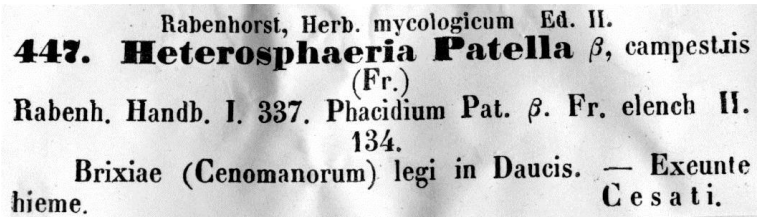

Rabenhorst, Herb. mycologicum Ed. II.
447. Heterosphaeria Patella β, campestris (Fr.)
Rabenh. Handb. I. 337. Phacidium Pat. β. Fr. elench II. 134.
Brixiae (Cenomanorum) legi in Daucis. — Exeunte hieme. Cesati.

Fig. 46

Phyllosticta cornicola (DC.) Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 5: no. 454, 1857 [Bot. Zeitung **15**: 173, 1857; Flora **40**: 137, 1857].
≡ *Sphaeria lichenoides* Sowerby var. *cornicola* DC., in de Candolle & Lamarck, Fl. franç., Edn 3 (Paris) **5/6**: 148, 1815.
≡ ***Septoria cornicola*** (DC.) Desm., Index Generum, Specierum et Synonymorum in J.B.H.J. Desmazières, Plantes Cryptogams de France. Edit. 1, Ser, 1, Fasc. I-XLIV, 1825-1851. Edit. II, Ser. 1, Fasc. I-XXXVII, 1836-1851 (Lille [Leleux]): 24, 1851.
Notes: This is a valid combination published on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 454 (fig. 47).

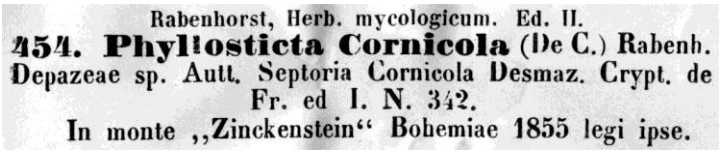
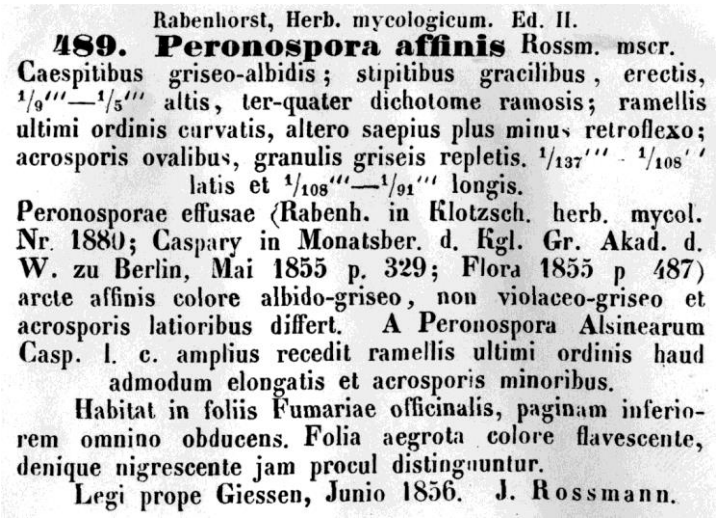

Rabenhorst, Herb. mycologicum. Ed. II.
454. Phyllosticta Cornicola (De C.) Rabenh.
Depazeae sp. Autt. Septoria Cornicola Desmaz. Crypt. de Fr. ed I. N. 342.
In monte „Zinckenstein" Bohemiae 1855 legi ipse.

Fig. 47

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Peronospora affinis Rossmann, in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 5: no. 489, 1857 [Bot. Zeitung **15**: 174, 1857; Flora **40**: 138, 1857].
Notes: This is a valid species published with a description on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 489 (fig. 48).



Rabenhorst, Herb. mycologicum. Ed. II.

489. Peronospora affinis Rossm. mscr.

Caespitibus griseo-albidis; stipitibus gracilibus, erectis, $^1/_9$‴—$^1/_5$‴ altis, ter-quater dichotome ramosis; ramellis ultimi ordinis curvatis, altero saepius plus minus retroflexo; acrosporis ovalibus, granulis griseis repletis. $^1/_{137}$‴ - $^1/_{108}$‴ latis et $^1/_{108}$‴—$^1/_{91}$‴ longis.

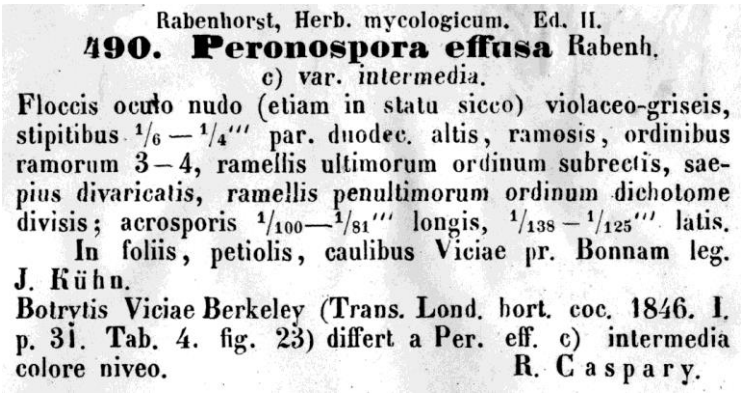
Peronosporae effusae (Rabenh. in Klotzsch. herb. mycol. Nr. 1880; Caspary in Monatsber. d. Kgl. Gr. Akad. d. W. zu Berlin, Mai 1855 p. 329; Flora 1855 p 487) arcte affinis colore albido-griseo, non violaceo-griseo et acrosporis latioribus differt. A Peronospora Alsinearum Casp. l. c. amplius recedit ramellis ultimi ordinis haud admodum elongatis et acrosporis minoribus.

Habitat in foliis Fumariae officinalis, paginam inferiorem omnino obducens. Folia aegrota colore flavescente, denique nigrescente jam procul distinguuntur.

Legi prope Giessen, Junio 1856. J. Rossmann.

Fig. 48

Peronospora effusa (Gev.) Rabenh. var. *intermedia* Casp., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 5: no. 490, 1857 [Bot. Zeitung **15**: 174, 1857; Flora **40**: 138, 1857].
= *Botrytis viciae* Berk., J. Hort. Soc., London **1**: 31, 1846.
≡ ***Peronospora viciae*** (Berk.) Casp., Ber. Bekanntm. Verhandl. Königlich Preuss. Akad. Wissensch. Berlin **3**: 330, 1855.
= *Peronospora viciae-sativae* Gäum., Beitr. Kryptfl. Schweiz **5**(4): 219, 1923.
Notes: This is a valid variety published with a description on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 490 (fig. 49). The type host ("*Vicia*") is *V. sativa* subsp. *nigra* (= *V. angustifolia*). The material deposited at HAL has been examined and the synonymy with *P. viciae* has been confirmed.



Rabenhorst, Herb. mycologicum. Ed. II.

490. Peronospora effusa Rabenh.

c) var. *intermedia*.

Floccis oculo nudo (etiam in statu sicco) violaceo-griseis, stipitibus $^1/_6$ — $^1/_4$‴ par. duodec. altis, ramosis, ordinibus ramorum 3—4, ramellis ultimorum ordinum subrectis, saepius divaricatis, ramellis penultimorum ordinum dichotome divisis; acrosporis $^1/_{100}$—$^1/_{81}$‴ longis, $^1/_{138}$ — $^1/_{125}$‴ latis.

In foliis, petiolis, caulibus Viciae pr. Bonnam leg. J. Kühn.

Botrytis Viciae Berkeley (Trans. Lond. hort. coc. 1846. I. p. 31. Tab. 4. fig. 23) differt a Per. eff. c) intermedia colore niveo. R. Caspary.

Fig. 49

Oidium fusisporioides Fr. var. *glechomatis* Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 5: no. 491, 1857 [Bot. Zeitung **15**: 174, 1857; Flora **40**: 138, 1857].
≡ *Fusisporium calceum* Desm., Ann. Sci. Nat., Bot., Sér. 2, **17**: 95, 1842.
= ***Ramularia calcea*** Ces., in Rabenh., Klotzschii Herb. Viv. Mycol., Cent. 17: no. 1681, 1852.
Notes: Rabenhorst introduced "var. *glechomatis*" without description/diagnosis, but cited *Fusisporium calceum* as synonym (fig. 50). Therefore, var. *glechomatis* represents a new name introduced at variety rank and is a homotypic synonym of *Fusisporium calceum*. *Ramularia calcea* (l.c.) was introduced by Cesati without any reference to *Fusisporium calceum*.

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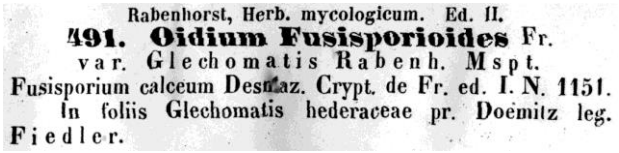

Rabenhorst, Herb. mycologicum. Ed. II.
491. Oidium Fusisporioides Fr.
var. Glechomatis Rabenh. Mspt.
Fusisporium calceum Desmaz. Crypt. de Fr. ed. I. N. 1151.
In foliis Glechomatis hederaceae pr. Doemitz leg.
Fiedler.

Fig. 50

Oidium fusisporioides Fr. var. *lamii* Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 5: no. 492, 1857 [Bot. Zeitung **15**: 174, 1857; Flora **40**: 138, 1857], nom. nud.

Melampsora salicinum (Pers. ex DC.) Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 5: no. 494, 1857 [Bot. Zeitung **15**: 174, 1857; Flora **40**: 138, 1857].
≡ *Sclerotium salicinum* Pers. ex DC., in de Candolle & Lamarck, Fl. franç., Edn 3 (Paris) **5/6**: 114, 1815.
Notes: This is a valid combination published on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 494 (fig. 51).

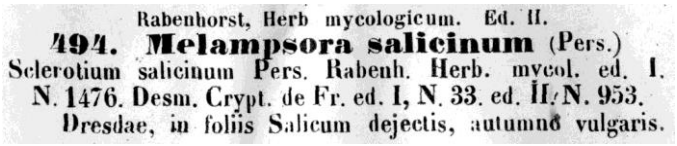

Rabenhorst, Herb mycologicum. Ed. II.
494. Melampsora salicinum (Pers.)
Sclerotium salicinum Pers. Rabenh. Herb. mycol. ed. I. N. 1476. Desm. Crypt. de Fr. ed. I, N. 33. ed. II. N. 953.
Dresdae, in foliis Salicum dejectis, autumno vulgaris.

Fig. 51

Puccinia granulata de Bary, in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 5: no. 499, 1857 [Bot. Zeitung **15**: 174, 1857; Flora **40**: 138, 1857].
= ***Puccinia ribis*** DC., in Lamarck & de Candolle, Fl. franç., Edn 3 (Paris) **2**: 221, 1805.
Notes: This is a valid species published with a description on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 499 (fig. 52).

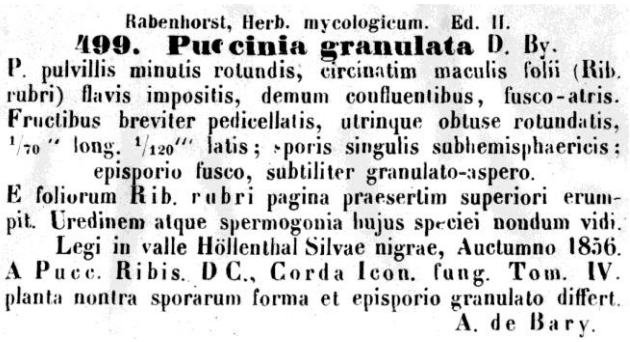

Rabenhorst, Herb. mycologicum. Ed. II.
499. Puccinia granulata D. By.
P. pulvillis minutis rotundis, circinatim maculis folii (Rib. rubri) flavis impositis, demum confluentibus, fusco-atris. Fructibus breviter pedicellatis, utrinque obtuse rotundatis, 1/70″ long. 1/120‴ latis; sporis singulis subhemisphaericis: episporio fusco, subtiliter granulato-aspero.
E foliorum Rib. rubri pagina praesertim superiori erumpit. Uredinem atque spermogonia hujus speciei nondum vidi.
Legi in valle Höllenthal Silvae nigrae, Auctumno 1856.
A Pucc. Ribis. DC., Corda Icon. fung. Tom. IV. planta nontra sporarum forma et episporio granulato differt.
A. de Bary.

Fig. 52

Tilletia endophylla de Bary, in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 5: no. 500, 1857 [Bot. Zeitung **15**: 174, 1857; Flora **40**: 138, 1857].
= ***Tilletia olida*** (Riess) G. Winter, Rabenh. Krypt.-Fl., Edn 2 (Leipzig) **1.1**: 107 [“1884”] 1881.
Notes: This is a valid species published with a description on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 500 (fig. 53).

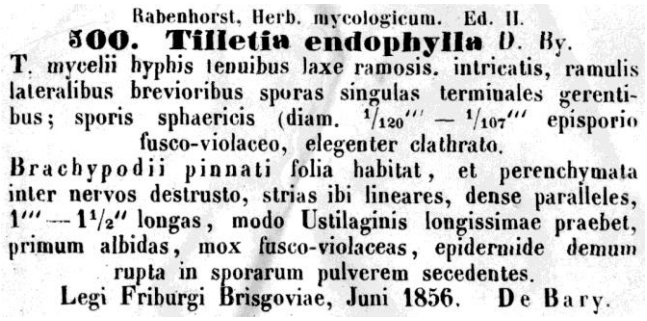

Rabenhorst, Herb. mycologicum. Ed. II.
500. Tilletia endophylla D. By.
T. mycelii hyphis tenuibus laxe ramosis, intricatis, ramulis lateralibus brevioribus sporas singulas terminales gerentibus; sporis sphaericis (diam. 1/120‴ — 1/107‴ episporio fusco-violaceo, elegenter clathrato.
Brachypodii pinnati folia habitat, et perenchymata inter nervos destrusto, strias ibi lineares, dense paralleles, 1‴ — 1 1/2″ longas, modo Ustilaginis longissimae praebet, primum albidas, mox fusco-violaceas, epidermide demum rupta in sporarum pulverem secedentes.
Legi Friburgi Brisgoviae, Juni 1856. De Bary.

Fig. 53

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Cent. 6

Excipula phaeotricha Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 6: no. 515, 1857 [Bot. Zeitung **15**: 405 1857; Flora **40**: 378, 1857].
Notes: This is a valid species published with a description on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 515 (fig. 54).

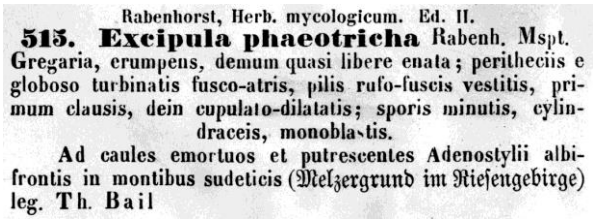

Rabenhorst, Herb. mycologicum. Ed. II.
515. Excipula phaeotricha Rabenh. Mspt.
Gregaria, erumpens, demum quasi libere enata; peritheciis e globoso turbinatis fusco-atris, pilis rufo-fuscis vestitis, primum clausis, dein cupulato-dilatatis; sporis minutis, cylindraceis, monoblastis.
Ad caules emortuos et putrescentes Adenostylii albifrontis in montibus sudeticis (Melzergrund im Riesengebirge) leg. Th. Bail

Fig. 54

Phacidium populi Lasch, in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 6: no. 519, 1857 [Bot. Zeitung **15**: 405 1857; Flora **40**: 378, 1857].
Notes: This is a valid species published with a description on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 519 (fig. 55).

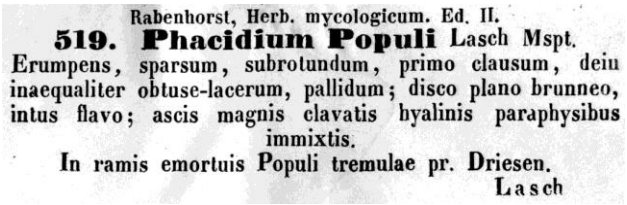

Rabenhorst, Herb. mycologicum. Ed. II.
519. Phacidium Populi Lasch Mspt.
Erumpens, sparsum, subrotundum, primo clausum, dein inaequaliter obtuse-lacerum, pallidum; disco plano brunneo, intus flavo; ascis magnis clavatis hyalinis paraphysibus immixtis.
In ramis emortuis Populi tremulae pr. Driesen.
Lasch

Fig. 55

Cryptodiscus lichenicola Ces., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 6: no. 523, 1857 [Bot. Zeitung **15**: 406 1857; Flora **40**: 379, 1857].
Notes: This is a valid species published with a description on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 523 (fig. 56).

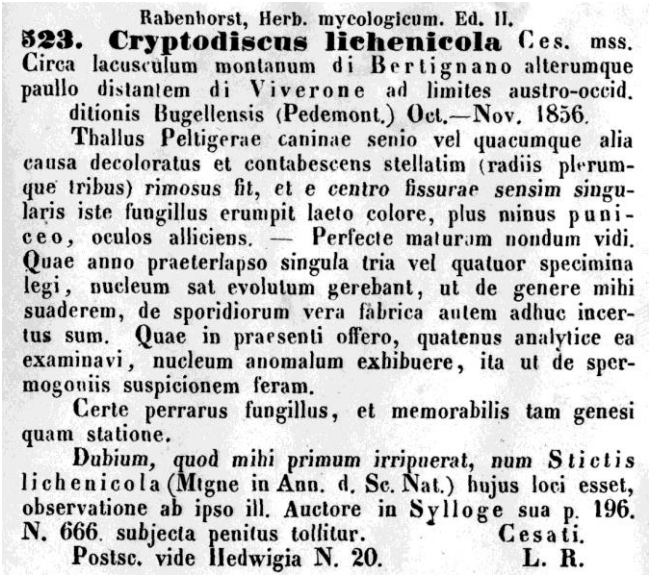
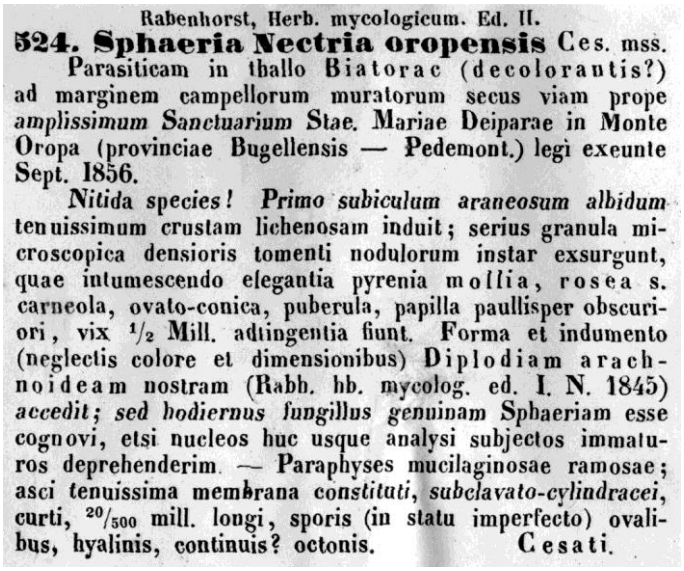

Rabenhorst, Herb. mycologicum. Ed. II.
523. Cryptodiscus lichenicola Ces. mss.
Circa lacusculum montanum di Bertignano alterumque paullo distantem di Viverone ad limites austro-occid. ditionis Bugellensis (Pedemont.) Oct.—Nov. 1856.
Thallus Peltigerae caninae senio vel quacumque alia causa decoloratus et contabescens stellatim (radiis plerumque tribus) *rimosus fit, et e centro fissurae sensim singularis* iste fungillus erumpit laeto colore, plus minus puniceo, oculos alliciens. — Perfecte maturam nondum vidi. Quae anno praeterlapso singula tria vel quatuor specimina legi, nucleum sat evolutum gerebant, ut de genere mihi suaderem, de sporidiorum vera fabrica autem adhuc incertus sum. Quae in praesenti offero, quatenus analytice ea examinavi, nucleum anomalum exhibuere, ita ut de spermogoniis suspicionem feram.
Certe perrarus fungillus, et memorabilis tam genesi quam statione.
Dubium, quod mihi primum irripuerat, num Stictis lichenicola (Mtgne in Ann. d. Sc. Nat.) hujus loci esset, observatione ab ipso ill. Auctore in Sylloge sua p. 196. N. 666. subjecta penitus tollitur. Cesati.
Postsc. vide Hedwigia N. 20. L. R.

Fig. 56

Sphaeria oropensis Ces. and *Nectria oropensis* Ces., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 6: no. 524, 1857 [Bot. Zeitung **15**: 406 1857; Flora **40**: 379, 1857].
≡ ***Paranectria oropensis*** (Ces.) D. Hawksw. & Piroz., Canad. J. Bot. **55**(19): 2555, 1977.

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Notes: *Sphaeria oropensis* Ces. and *Nectria oropensis* Ces. are two valid species names published simultaneously as alternative names (Art. 36.3, published before 1953) with a description on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 524 (fig. 57).



Rabenhorst, Herb. mycologicum. Ed. II.

524. Sphaeria Nectria oropensis Ces. mss.

Parasiticam in thallo Biatorae (decolorantis?) ad marginem campellorum muratorum secus viam prope *amplissimum Sanctuarium* Stae. Mariae Deiparae in Monte Oropa (provinciae Bugellensis — Pedemont.) legi exeunte Sept. 1856.

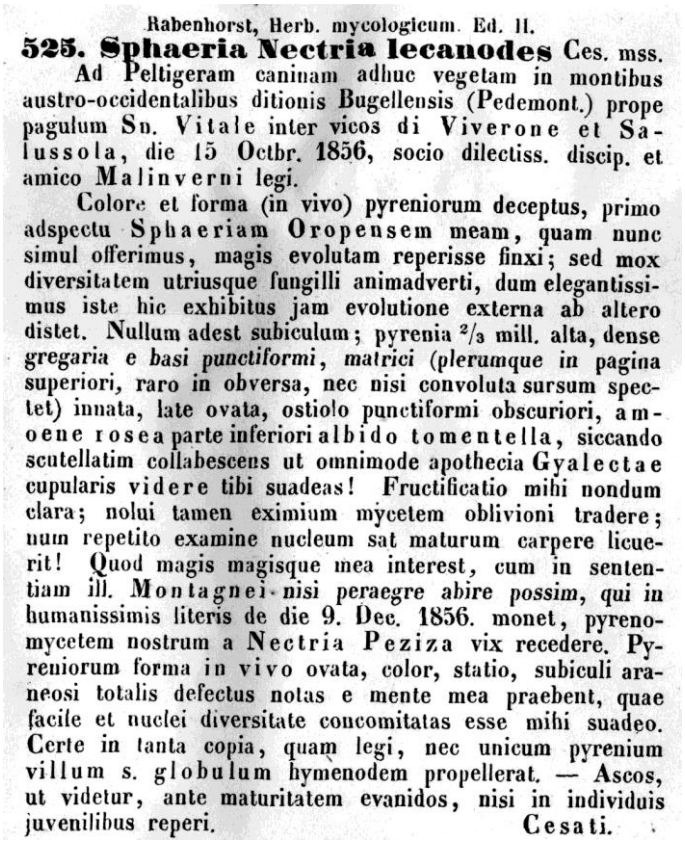
Nitida species! Primo subiculum araneosum albidum tenuissimum crustam lichenosam induit; serius granula microscopica densioris tomenti nodulorum instar exsurgunt, quae intumescendo elegantia pyrenia mollia, rosea s. carneola, ovato-conica, puberula, papilla paullisper obscuriori, vix 1/2 Mill. adtingentia fiunt. Forma et indumento (neglectis colore et dimensionibus) Diplodiam arachnoideam nostram (Rabh. hb. mycolog. ed. I. N. 1845) *accedit; sed hodiernus fungillus genuinam* Sphaeriam esse cognovi, etsi nucleos huc usque analysi subjectos immaturos deprehenderim. — Paraphyses mucilaginosae ramosae; asci tenuissima membrana *constituti, subclavato-cylindracei*, curti, 20/500 mill. longi, sporis (in statu imperfecto) ovalibus, hyalinis, continuis? octonis. Cesati.

Fig. 57

Sphaeria lecanodes Ces. and *Nectria lecanodes* Ces., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 6: no. 525, 1857 [Bot. Zeitung **15**: 407 1857; Flora **40**: 380, 1857].

≡ ***Nectriopsis lecanodes*** (Ces.) Diederich & Schroers, in Sérusiaux, Diederich, Brand & van den Boom, Lejeunia, n.s. **162**: 56, 1999.

Notes: *Sphaeria lecanodes* Ces. and *Nectria lecanodes* Ces. are two valid species names published simultaneously as alternative names (Art. 36.3, published before 1953) with a description on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 525 (fig. 58).



Rabenhorst, Herb. mycologicum. Ed. II.

525. Sphaeria Nectria lecanodes Ces. mss.

Ad Peltigeram caninam adhuc vegetam in montibus austro-occidentalibus ditionis Bugellensis (Pedemont.) prope pagulum Sn. Vitale inter vicos di Viverone et Salussola, die 15 Octbr. 1856, socio dilectiss. discip. et amico Malinverni legi.

Colore et forma (in vivo) pyreniorum deceptus, primo adspectu Sphaeriam Oropensem meam, quam nunc simul offerimus, magis evolutam reperisse finxi; sed mox diversitatem utriusque fungilli animadverti, dum elegantissimus iste hic exhibitus jam evolutione externa ab altero distet. Nullum adest subiculum; pyrenia 2/3 mill. alta, dense gregaria e *basi punctiformi*, *matrici* (plerumque in pagina superiori, raro in obversa, nec nisi convoluta sursum spectet) innata, late ovata, ostiolo punctiformi obscuriori, amoene rosea parte inferiori albido tomentella, siccando scutellatim collabescens ut omnimode apothecia Gyalectae cupularis videre tibi suadeas! Fructificatio mihi nondum clara; nolui tamen eximium mycetem oblivioni tradere; num repetito examine nucleum sat maturum carpere licuerit! Quod magis magisque mea interest, cum in sententiam ill. Montagnei nisi peraegre abire *possim*, *qui in* humanissimis literis de die 9. Dec. 1856. monet, pyrenomycetem nostrum a Nectria Peziza vix recedere. Pyreniorum forma in vivo ovata, color, statio, subiculi araneosi totalis defectus notas e mente mea praebent, quae facile et nuclei diversitate concomitatas esse mihi suadeo. Certe in tanta copia, quam legi, nec unicum pyrenium villum s. globulum hymenodem propellerat. — Ascos, ut videtur, ante maturitatem evanidos, nisi in individuis juvenilibus reperi. Cesati.

Fig. 58

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Rhaphidospora disseminans (Riess) Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 6: no. 530, 1857 [Bot. Zeitung **15**: 427 1857; Flora **40**: 381, 1857].
≡ *Ophiobolus disseminans* Riess, Hedwigia **1**(6): 27, 1854.
≡ *Rhaphidospora disseminans* (Riess) Ces. & De Not., Comm. Soc. Crittog. Ital. **1**(4): 233, 1863, isonym.
Notes: This is a valid combination published on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 530 (fig. 59).

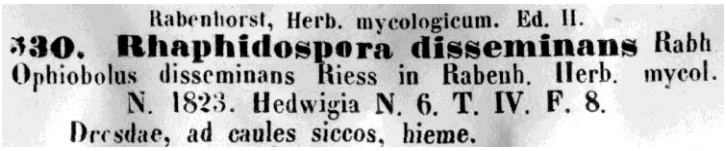

Rabenhorst, Herb. mycologicum. Ed. II.
530. **Rhaphidospora disseminans** Rabh
Ophiobolus disseminans Riess in Rabenh. Herb. mycol.
N. 1823. Hedwigia N. 6. T. IV. F. 8.
Dresdae, ad caules siccos, hieme.

Fig. 59

Leptospora huebneri Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 6: no. 531, 1857 [Bot. Zeitung **15**: 427 1857; Flora **40**: 381, 1857], nom. nud.
≡ *Rhaphidophora huebneri* Ces. & De Not. (as "(Rabenh.) Ces. & De Not."), Comm. Soc. Crittog. Ital. **1**(4): 234, 1863.
≡ *Ophiobolus huebneri* (Ces. & De Not.) Sacc. (as "(Rabenh.) Sacc."), Syll. fung. (Abellini) **2**: 353, 1883.

Leptospora rubella (Pers.) Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 6: no. 532, 1857 [Bot. Zeitung **15**: 427 1857; Flora **40**: 381, 1857].
≡ *Sphaeria rubella* Pers., Syn. meth. fung. (Göttingen) **1**: 63, 1801.
Notes: This is a valid combination published on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 532 (fig. 60).

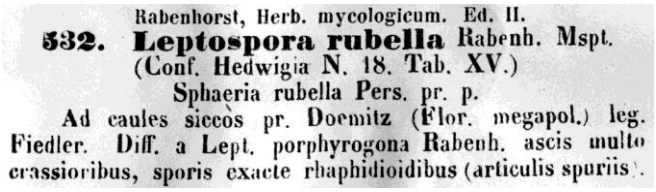

Rabenhorst, Herb. mycologicum. Ed. II.
532. **Leptospora rubella** Rabenh. Mspt.
(Conf. Hedwigia N. 18. Tab. XV.)
Sphaeria rubella Pers. pr. p.
Ad caules siccos pr. Doemitz (Flor. megapol.) leg. Fiedler. Diff. a Lept. porphyrogona Rabenh. ascis multo crassioribus, sporis exacte rhaphidioidibus (articulis spuriis).

Fig. 60

Sphaeria polypodii Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 6: no. 533, 1857 [Bot. Zeitung **15**: 427 1857; Flora **40**: 381, 1857].
≡ ***Plectosphaera polypodii*** (Rabenh.) Arx, in von Arx & Müll, Beitr. Kryptfl. Schweiz **11**(1): 208, 1954.
Notes: This is a valid species published with a description on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 533 (fig. 61).

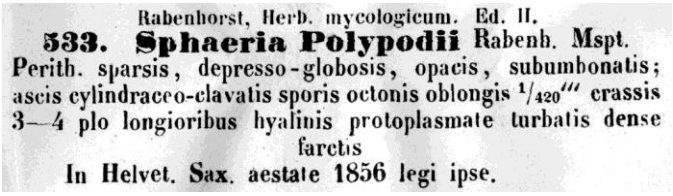

Rabenhorst, Herb. mycologicum. Ed. II.
533. **Sphaeria Polypodii** Rabenh. Mspt.
Perith. sparsis, depresso-globosis, opacis, subumbonatis; ascis cylindraceo-clavatis sporis octonis oblongis $^1/_{420}$''' crassis 3—4 plo longioribus hyalinis protoplasmate turbatis dense farctis
In Helvet. Sax. aestate 1856 legi ipse.

Fig. 61

Sphaeria aggregata Lasch, in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 6: no. 541, 1857 [Bot. Zeitung **15**: 428 1857; Flora **40**: 381, 1857], nom. nud.
≡ *Cenangium aggregatum* Fuckel (as"(Lasch) Fuckel"), Jahrb. Nassauischen Vereins Naturk. **23-24**: 271 ["1869-70"] 1870.
≡ ***Leptosphaeria aggregata*** (Fuckel) O.E. Erikss., Non-lichenized Pyrenomycetes of Sweden (Lund): 7, 1992.

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Sphaeria herbarum Pers. var. *hyoscyami* Lasch and *Sphaeria vera* Lasch, in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 6: no. 544, 1857 [Bot. Zeitung **15**: 428 1857; Flora **40**: 381, 1857], nom. nud.
Notes: *Sphaeria herbarum* Pers. var. *hyoscyami* Lasch and *Sphaeria vera* Lasch are alternative names, but they were published without any description.

Sphaeria urticae Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 6: no. 545, 1857 [Bot. Zeitung **15**: 428 1857; Flora **40**: 381, 1857], nom. nud.

Pleospora herbarum (Pers.) Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 6: no. 547a, 1857 [Bot. Zeitung **15**: 428 1857; Flora **40**: 381, 1857].
≡ *Sphaeria herbarum* Pers., Syn. meth. fung. (Göttingen) **1**: 78, 1801.
Notes: This combination was validly published on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 547a (fig. 62). However, the genus name *Pleospora* was not validly published under no. 547 (lacking description), but it was validated in Cent. 6 under no. 548. *Pleospora herbarum* var. *alii* (Desm.) Rabenh. (no. 547a), var. *anethi* Rabenh. (no. 547d), var. *brassicae* Rabenh. (no. 547b), var. *fabae* Rabenh. (no. 547c), and var. *lupini* Rabenh. (no. 547e) are invalid names.

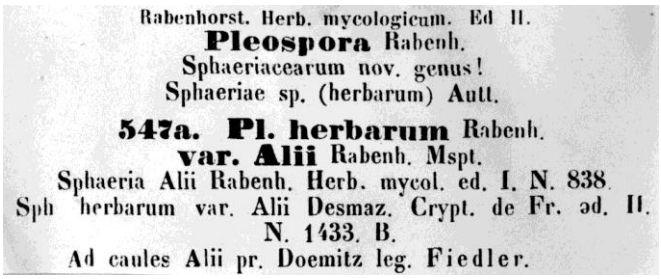

Rabenhorst. Herb. mycologicum. Ed II.
Pleospora Rabenh.
Sphaeriacearum nov. genus!
Sphaeriae sp. (herbarum) Autt.
547a. Pl. herbarum Rabenh.
var. Alii Rabenh. Mspt.
Sphaeria Alii Rabenh. Herb. mycol. ed. I. N. 838.
Sph herbarum var. Alii Desmaz. Crypt. de Fr. ed. II. N. 1433. B.
Ad caules Alii pr. Doemitz leg. Fiedler.

Fig. 62

Pleospora Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 6: no. 548, 1857 [Bot. Zeitung **15**: 428 1857; Flora **40**: 382, 1857].
Notes: The combination *Pleospora leguminum* (Wallr.) Rabenh. was introduced on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 548 (fig. 63), supplemented by a Latin description which validates the genus name *Pleospora*.

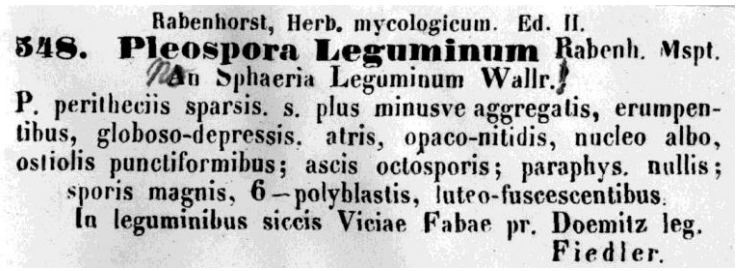

Rabenhorst, Herb. mycologicum. Ed. II.
548. Pleospora Leguminum Rabenh. Mspt.
An Sphaeria Leguminum Wallr.?
P. perithecis sparsis. s. plus minusve aggregatis, erumpentibus, globoso-depressis. atris, opaco-nitidis, nucleo albo, ostiolis punctiformibus; ascis octosporis; paraphys. nullis; sporis magnis, 6–polyblastis, luteo-fuscescentibus.
In leguminibus siccis Viciae Fabae pr. Doemitz leg. Fiedler.

Fig. 63

Pleospora leguminum (Wallr.) Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 6: no. 548, 1857 [Bot. Zeitung **15**: 428 1857; Flora **40**: 382, 1857].
≡ *Sphaeria leguminum* Wallr., Fl. crypt. Germ. (Norimbergae) **2**: 771, 1833.
Notes: The combination *Pleospora leguminum* (Wallr.) Rabenh. was validly introduced on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 548 (fig. 63)

Spilosphaeria chelidonii (Lib.) Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 6: no. 552, 1857 [Bot. Zeitung **15**: 428 1857; Flora **40**: 382, 1857].
≡ *Ascochyta chelidonii* Lib., Pl. crypt. exsicc.: no. 204, 1834.
≡ ***Septoria chelidonii*** (Lib.) Desm., Ann Sci. Nat., Bot., Sér. 2, **17**: 110, 1842.

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Notes: This is a valid combination published on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 552 (fig. 64).

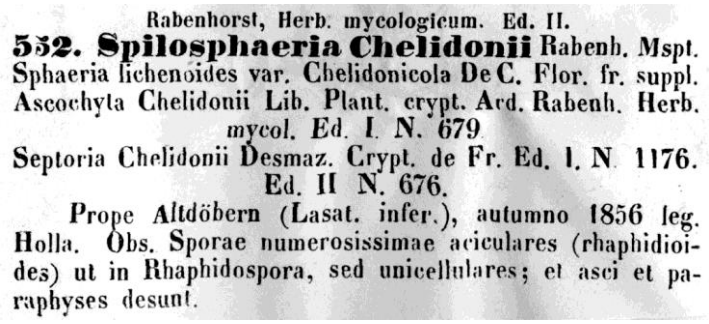

Rabenhorst, Herb. mycologicum. Ed. II.
552. Spilosphaeria Chelidonii Rabenh. Mspt.
Sphaeria lichenoides var. Chelidonicola De C. Flor. fr. suppl.
Ascochyta Chelidonii Lib. Plant. crypt. Ard. Rabenh. Herb. mycol. Ed. I. N. 679
Septoria Chelidonii Desmaz. Crypt. de Fr. Ed. I. N. 1176. Ed. II N. 676.
Prope Altdöbern (Lasat. infer.), autumno 1856 leg. Holla. Obs. Sporae numerosissimae aciculares (rhaphidioides) ut in Rhaphidospora, sed unicellulares; et asci et paraphyses desunt.

Fig. 64

Spilosphaeria ruborum Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 6: no. 553, 1857 [Bot. Zeitung **15**: 428 1857; Flora **40**: 382, 1857].
Notes: This is a valid species published with a description on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 553 (fig. 65).

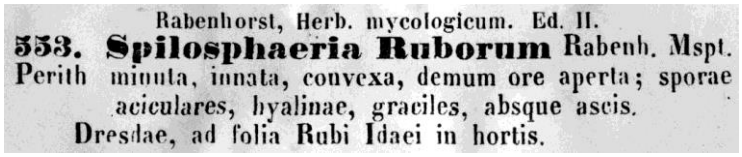

Rabenhorst, Herb. mycologicum. Ed. II.
553. Spilosphaeria Ruborum Rabenh. Mspt.
Perith minuta, innata, convexa, demum ore aperta; sporae aciculares, hyalinae, graciles, absque ascis.
Dresdae, ad folia Rubi Idaei in hortis.

Fig. 65

Spilosphaeria callae (Lasch ex Rabenh.) Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 6: no. 554, 1857 [Bot. Zeitung **15**: 428 1857; Flora **40**: 382, 1857].
≡ *Sphaeria* (*Depazea*) *callae* Lasch, in Rabenh., Klotzschii Herb. Viv. Mycol., Cent. 4: no. 368, 1842 [and Bot. Zeitung **1**: 517, 1843], nom. nud.
≡ *Depazea callae* Lasch ex Rabenh., Deutschl. Krypt.-Fl. **1** (Pilze): 138, Leipzig 1844.
Notes: This is a valid combination published on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 554 (fig. 66).

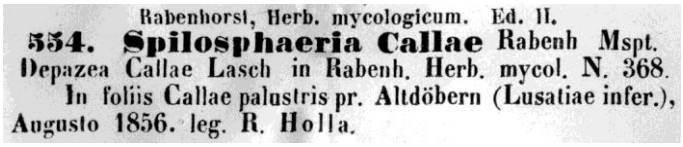

Rabenhorst, Herb. mycologicum. Ed. II.
554. Spilosphaeria Callae Rabenh Mspt.
Depazea Callae Lasch in Rabenh. Herb. mycol. N. 368.
In foliis Callae palustris pr. Altdöbern (Lusatiae infer.), Augusto 1856. leg. R. Holla.

Fig. 66

Spilosphaeria hepaticae (Desm.) Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 6: no. 555, 1857 [Bot. Zeitung **15**: 428 1857; Flora **40**: 382, 1857].
≡ *Septoria hepaticae* Desm., Ann. Sci. Nat., Bot., Sér. 2 **19**: 340, 1843.
Notes: This is a valid combination published on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 555 (fig. 67).


Rabenhorst, Herb. mycologicum. Ed. II.
555. Spilosphaeria Hepaticae Rabenh. Mspt.
Depazea Hepaticaecola Duby Bot gall II. p. 712. Septoria Hepaticae Desmaz. Cr. de Fr. ed. I. N. 1332. ed. II. N. 732. Mém. de la Soc. royale des Sc, de l'Agricult. et des Arts de Lille. 1843 Mars. p 25.
Dresdae, in foliis languescentibus Hepaticae, vere 1856.

Fig. 67

Spilosphaeria tiliae (Lasch) Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 6: no. 556, 1857 [Bot. Zeitung **15**: 428 1857; Flora **40**: 382, 1857].
≡ *Ascochyta tiliae* Lasch, in Rabenh., Klotzschii Herb. Viv. Mycol., Cent. 12: no. 1160, 1847.

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Notes: This is a valid combination published on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 556 (fig. 68).

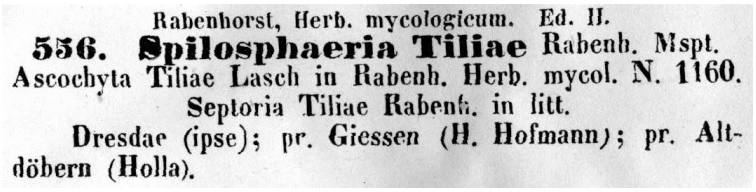

Rabenhorst, Herb. mycologicum. Ed. II.
556. Spilosphaeria Tiliae Rabenh. Mspt.
Ascochyta Tiliae Lasch in Rabenh. Herb. mycol. N. 1160.
Septoria Tiliae Rabenh. in litt.
Dresdae (ipse); pr. Giessen (H. Hofmann); pr. Altdöbern (Holla).

Fig. 68

Spilosphaeria scabiosae (Rabenh.) Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 6: no. 557, 1857 [Bot. Zeitung **15**: 428 1857; Flora **40**: 382, 1857].

≡ *Ascochyta scabiosae* Rabenh., Klotzschii Herb. Viv. Mycol., Cent. 13: no. 1253, 1854.

Notes: This is a valid combination published on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 557 (fig. 69). Rabenhorst (l.c.) cited *Septoria scabiosicola* Desm., Ann. Sci. Nat., Bot., Sér. 3, **20**: 96, 1853 as synonym, i.e., an older name that ought to have been adoped, but the combination, based on a valid basionym, is nevertheless valid (Art. 52.4).

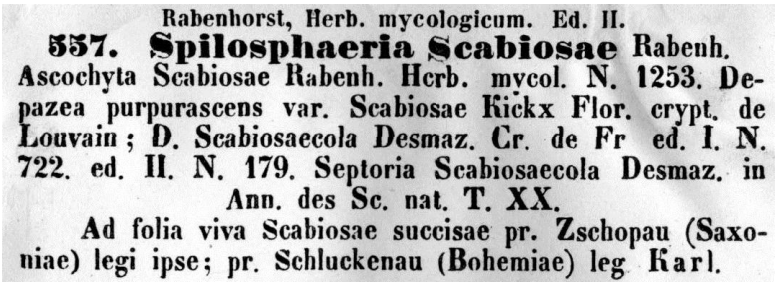

Rabenhorst, Herb. mycologicum. Ed. II.
557. Spilosphaeria Scabiosae Rabenh.
Ascochyta Scabiosae Rabenh. Herb. mycol. N. 1253. Depazea purpurascens var. Scabiosae Kickx Flor. crypt. de Louvain; D. Scabiosaecola Desmaz. Cr. de Fr ed. I. N. 722. ed. II. N. 179. Septoria Scabiosaecola Desmaz. in Ann. des Sc. nat. T. XX.
Ad folia viva Scabiosae succisae pr. Zschopau (Saxoniae) legi ipse; pr. Schluckenau (Bohemiae) leg Karl.

Fig. 69

Spilosphaeria saponariae (DC.) Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 6: no. 558, 1857 [Bot. Zeitung **15**: 428 1857; Flora **40**: 382, 1857].

≡ *Sphaeria saponariae* DC., in de Candolle & Lamarck, Fl. franç., Edn 3 (Paris) **6**: 146, 1815.

Notes: This is a valid combination published on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 558 (fig. 70).


Rabenhorst, Herb mycologicum. Ed. II.
558. Spilosphaeria Saponariae (DeC.) Rbh.
Depazea Dianthi Alb. et Schw. Fr. Rabenh. Handb. I. p. 137. D. Dianthi b, Saponariae Desmaz. Cr. de Fr. ed. I. N. 990 ed. II. N. 290. Naemaspora epiphylla DeC. Syn. Flor. gall Sphaeria Saponariae DeC. Flor fr. Suppl.
Ad folia Saponariae off. pr. Doemitz leg Fiedler.

Fig. 70

Spilosphaeria cannabis (Lasch) Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 6: no. 559, 1857 [Bot. Zeitung **15**: 428 1857; Flora **40**: 382, 1857].

≡ *Ascochyta cannabis* Lasch, in Rabenh., Klotzschii Herb. Viv. Mycol., Cent. 11: no. 1059, 1846.

Notes: This is a valid combination published on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 559 (fig. 71).

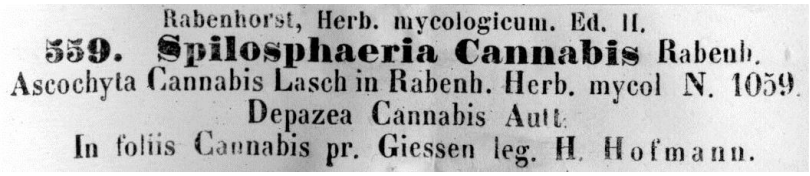

Rabenhorst, Herb. mycologicum. Ed. II.
559. Spilosphaeria Cannabis Rabenh.
Ascochyta Cannabis Lasch in Rabenh. Herb. mycol N. 1059.
Depazea Cannabis Autt.
In foliis Cannabis pr. Giessen leg. H. Hofmann.

Fig. 71

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Spilosphaeria petroselini Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 6: no. 560, 1857 [Bot. Zeitung **15**: 428 1857; Flora **40**: 382, 1857].
Notes: This is a validly published species with a description on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 560 (fig. 72).

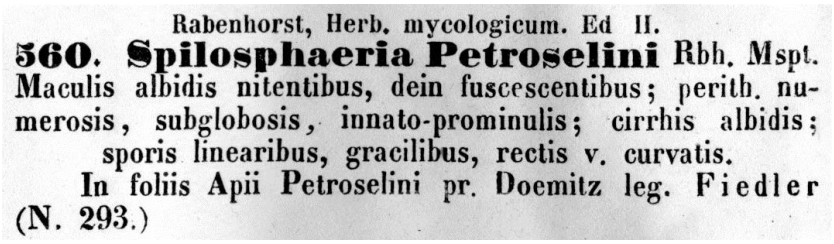

Rabenhorst, Herb. mycologicum. Ed II.
560. Spilosphaeria Petroselini Rbh. Mspt.
Maculis albidis nitentibus, dein fuscescentibus; perith. numerosis, subglobosis, innato-prominulis; cirrhis albidis; sporis linearibus, gracilibus, rectis v. curvatis.
In foliis Apii Petroselini pr. Doemitz leg. Fiedler (N. 293.)

Fig. 72

Carlia Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 6: no. 567, 1857 [Bot. Zeitung **15**: 429 1857; Flora **40**: 382, 1857].
Notes: The genus *Carlia* was validly published with a descriptions on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 567 (fig. 73).

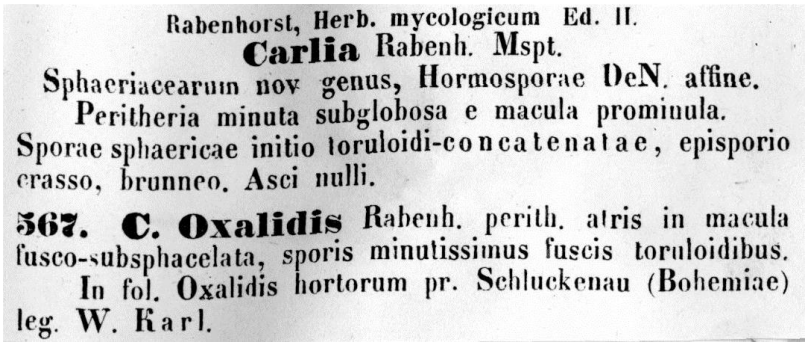

Rabenhorst, Herb. mycologicum Ed. II.
Carlia Rabenh. Mspt.
Sphaeriacearum nov genus, Hormosporae DeN. affine.
Peritheria minuta subglobosa e macula prominula.
Sporae sphaericae initio toruloidi-concatenatae, episporio crasso, brunneo. Asci nulli.
567. C. Oxalidis Rabenh. perith. atris in macula fusco-subsphacelata, sporis minutissimus fuscis toruloidibus.
In fol. Oxalidis hortorum pr. Schluckenau (Bohemiae) leg. W. Karl.

Fig. 73

Carlia oxalidis Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 6: no. 567, 1857 [Bot. Zeitung **15**: 429 1857; Flora **40**: 382, 1857].
≡ *Laestadia oxalidis* (Rabenh.) Sacc., Syll. fung. (Abellini) **1**: 429, 1882.
≡ *Mycosphaerella oxalidis* (Rabenh.) Magnus, Österr. Bot. Z. **44**(6): 203, 1894.
= ***Mycosphaerella depazeiformis*** (Auersw.) Lindau ("*depazeaeformis*"), Hilfsb. Sammeln Ascomyc. (Berlin): 72, 1903
Notes: *Carlia oxalidis* was validly published with a descriptions on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 567 (fig. 73). Aptroot (2006: 147) reduced this species to synonymy with *Mycosphaerella depazaeformis.*

Passalora penicillata Ces., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 6: no. 587, 1857 [Bot. Zeitung **15**: 429 1857; Flora **40**: 383, 1857].
≡ *Cercospora penicillata* (Ces.) Fresen., Beitr. Mykol. **3**: 93, 1863.
≡ *Phaeoramularia penicillata* (Ces.) X.J. Liu & Y.L. Guo, Acta Phytopathol. Sin. **12**(4): 13, 1982.
= *Exosporium depazeoides* Desm., Ann. Sci. Nat., Bot., Sér. 3, **11**(2): 364, 1849.
≡ *Cercospora depazeoides* (Desm.) Sacc., Mycoth. ven.: no. 187, 1875.
≡ ***Pseudocercospora depazeoides*** (Desm.) U. Braun & Crous, in Braun, Crous & Nakashima, IMA Fungus **6**(2): 420, 2015.
Notes: This species was validly published with a description on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 587 (fig. 74).

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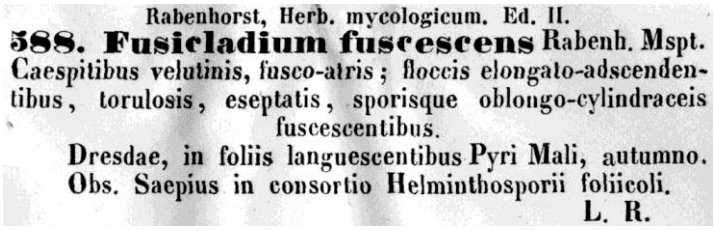


Rabenhorst. Herb. mycologicum. Ed. II.
587. Passalora penicillata Ces. Mspt.
Vercellis: in fol. Sambuci nigrae adhuc vigentibus. Aest.-aut. 1856.

Jam plures Cladosporii species praesto habeo, quas inter typicas generis formas et Septonemata ambigere manifestum existimo. Cladosporiis veris proximam formam praebet Cl. bacilligerum (Mtgne) sub N. 1676. (ed. Ia.) in hisce Centuriis editum; locum tenet magis dissitum Cl. penicillatum eique adfine Cl. fumosum nob. (e fol. Phoseoli); intercedit Cl. Osterici nob. (in Osterico verticillari), utrumque ineditum, aliasque in pl sicc. pro Septonematis et Dendryphii v. Dactylii spec. communicatum. Certe species hae omnes hyphis brevibus et passim subobsoletis, vix ac ne vix septatis, et ipsa sporarum indole a Cladosporiis genuinis sat differunt, magisque ad Septonemata accedunt, ope praecique Septonematis elongatispori Preuss, quod apud nos quoque ad Menthae rotundifoliae caules terra obrutos reperi. Sed genesis longe alia: Septonemata superficialia esse mihi fingo, dum Cladosporia, de quibus nunc sermo est, certo certius basi subcutaneae insident, hinc sine dubio parasitica haberi debent. Peculiaris autem eorum habitus, notaeque complures in distinctum genus colligendi, quod Montagne Passalora appellaverit, animum mihi faciunt. **Passalora penicillata:** fusca, maculae decoloratae innata; floccis bervibus simplicibus aggregatis sporas acrogenas griseas 1—3 septatas elongatas, subcylindraceas v. fusiformes basi augustatas gerentibus. Cesati.

Fig. 74

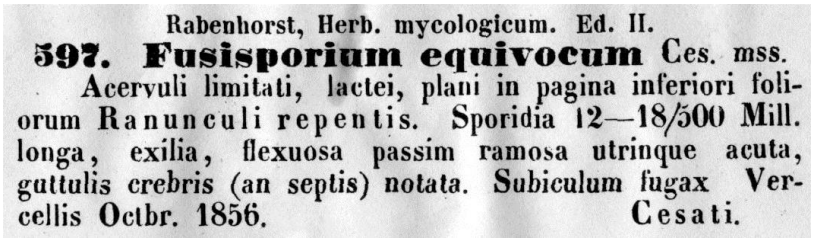
Fusicladium fuscescens Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 6: no. 588, 1857 [Bot. Zeitung **15**: 430 1857; Flora **40**: 383, 1857].
= ***Fusicladium pyrorum*** (Lib.) Fuckel, Jahrb. Nassuaischen Vereins Naturk. **23-24**: 357 "1869", 1870.
Notes: This species was validly published with a description on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 588 (fig. 75). The full synonymy is listed in Schubert et al. (2003: 82).



Rabenhorst, Herb. mycologicum. Ed. II.
588. Fusicladium fuscescens Rabenh. Mspt.
Caespitibus velutinis, fusco-atris; floccis elongato-adscendentibus, torulosis, eseptatis, sporisque oblongo-cylindraceis fuscescentibus.
Dresdae, in foliis languescentibus Pyri Mali, autumno.
Obs. Saepius in consortio Helminthosporii foliicoli.
L. R.

Fig. 75

Fusisporium aequivocum Ces., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 6: no. 597, 1857 [Bot. Zeitung **15**: 430 1857; Flora **40**: 384, 1857].
≡ *Ramularia aequivoca* (Ces.) Sacc., Fungi italica autogr. del. **17-28**: tab. 994, 1881.
= ***Ramularia didyma*** Unger, Exanth. Pfl. (Wien): 169, 1833.
Notes: This species was validly published with a description on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 597 (fig. 76). The taxonomy and full synonymy are listed in Braun (1998: 239).



Rabenhorst, Herb. mycologicum. Ed. II.
597. Fusisporium equivocum Ces. mss.
Acervuli limitati, lactei, plani in pagina inferiori foliorum Ranunculi repentis. Sporidia 12—18/500 Mill. longa, exilia, flexuosa passim ramosa utrinque acuta, guttulis crebris (an septis) notata. Subiculum fugax Vercellis Octbr. 1856. Cesati.

Fig. 76

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Fusidium adoxae Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 6: no. 598, 1857 [Bot. Zeitung **15**: 430 1857; Flora **40**: 384, 1857], nom. nud.

≡ *Cercosporella adoxae* E. Bommer & M. Rousseau [as "(Rabenh.) E. Bommer & M. Rousseau"], Bull. Soc. Roy. Bot. Belgique **23**: 289, 1884.

≡ *Cylindrospora adoxae* (E. Bommer & M. Rousseau) J. Schröt. [as "(Rabenh.) J. Schröt."], in Cohn, Krypt.-Fl. Schles., Pilze II (Breslau): 488, 1897.

= ***Ramularia adoxae*** P. Karst., Hedwigia **23**: 7, 1884.

Notes: *Fusidium adoxae* is a nom. nud., published without description. This name was validated by Bommer & Roussseau (1884: 298). They introduced a combination based on *Fusidium adoxae* and added a brief description ("La partie des feuilles attaquée pa le champignon est complètemet grise et flétrie"). Thus, the name *Cercosporella adoxae*, although published as combination, must be attributed as new species to Bommer and Rousseau, and the combination *Cylindrospora adoxae* was based on the latter name. *Ramularia adoxae*, the valid name for this fungus, was sometimes cited as combination based on *Fusidium adoxae*, but Karsten (l.c.) described a new species. In the protologue, *F. adoxae* was not cited, and an indirect reference to this older name is not evident and the type material is a collections from Finland deposited at H (see Braun 1998: 46, 48).

Cent. 7

Daedalea unicolor (Bull.) Fr. var. *polyporosa* Lasch, in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 7: no. 614, 1858 [Bot. Zeitung **16**: 79 1858; Flora **41**: 388, 1858].

Notes: This variety was validly published with a description on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 614 (fig. 77).

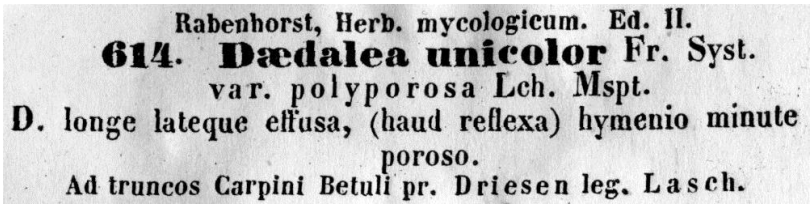

Rabenhorst, Herb. mycologicum. Ed. II.
614. Dædalea unicolor Fr. Syst.
var. polyporosa Lch. Mspt.
D. longe lateque effusa, (haud reflexa) hymenio minute poroso.
Ad truncos Carpini Betuli pr. Driesen leg. Lasch.

Fig. 77

Polyporus occultus Lasch, in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 7: no. 617, 1858 [Bot. Zeitung **16**: 79 1858; Flora **41**: 388, 1858].

= ***Abortiporus biennis*** (Bull.) Singer, Mycologia **36**(1): 68, 1944.

Notes: This species was validly published with a description on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 617 (fig. 78). Lasch (l.c.) added two unranked taxa, α) *effusus* and β) *pileatus*.

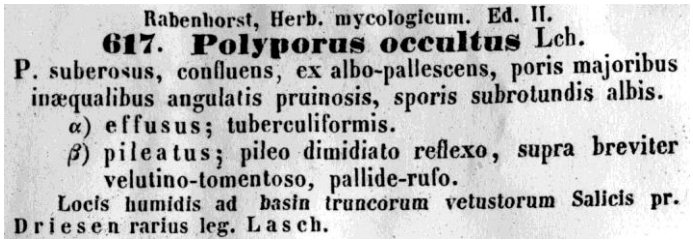

Rabenhorst, Herb. mycologicum. Ed. II.
617. Polyporus occultus Lch.
P. suberosus, confluens, ex albo-pallescens, poris majoribus inæqualibus angulatis pruinosis, sporis subrotundis albis.
α) effusus; tuberculiformis.
β) pileatus; pileo dimidiato reflexo, supra breviter velutino-tomentoso, pallide-rufo.
Locis humidis ad basin truncorum vetustorum Salicis pr. Driesen rarius leg. Lasch.

Fig. 78

Micula Duby ex Rabenhorst, in Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 7: no. 636, 1858 [Bot. Zeitung **16**: 79 1858; Flora **41**: 389, 1858].

Notes: This genus *Micula* was validated by Rabenhorst in Herb. Viv. Mycol., Ed. Nova, 636 with a description (fig. 79). Duby introduced this name together with the new name *Micula mougeotii*, based on *Sphaeria macula*, on a plate with analysis published in Hedwigia **2**: 8, Tab. I, A, 1–8, 1858. However, Art. 38.1 only applies to species, but not to genus names, and the conditions for a valid simultaneous publication by provision of a single description (descriptio

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generico-specifica) or diagnosis according to Art. 38.5 (and 38.7) are not fulfilled since condition (b) is not satisfied.


Rabenhorst, Herb. mycologicum. Ed. II.
Micula Duby ined. Cf. Hedwigia T. I. A.
Receptacula erumpentia e basi ovato-globosa conica pruinosa lævia firma fragilia, nucleo totam longitudinem percurrente, basi spermatiis tenuissimis hyalinis cylindrico-incurvis filamenta tenuia terminantibus, in parte superiori sporis multo-majoribus cymbiformibus subarcuatis, utrinque acutis hyalinis sporulas globosas minutissimas 500 includentibus composita.-Lignicola simplicia. Genus singulare Sphæronemati affine, sed caracteribus laudatis valde distinctum.

636. M. Mougeotii (Duby Mspt.) receptaculis sparsis glabris fuscis, cono elongato nitido fusco-lutescente. Sphæria Micula Fries elench. fung. II. p. 417! Duby Bot. gall. II. p. 704! Moug. crypt. Vog. N. 1075! Desmaz. Crypt. de Fr. ed. I. N. 1276. ed. II. N. 776.
Ad ramos emortuos Cratægi in Jurasso ipse reperii.

Fig. 79

Micula mougeotii Duby ex Rabenhorst, in Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 7: no. 636, 1858 [Bot. Zeitung **16**: 79 1858; Flora **41**: 389, 1858], nom. nov.
≡ *Sphaeria micula* Fr., Elench. fung. (Greifswald) **2**: 101, 1828.
≡ *Dermatea micula* (Fr.) Rehm, Rabenh. Krypt.-Fl., Edn 2 (Leipzig) 1.3(Lief. 55): 1258, 1896.
≡ *Dumortieria micula* (Fr.) Westend., Bull. Acad. Roy. Sci. Belgique, Cl. Sci., Sér. 2, **2**(7): 572, 1857.
Notes: The new name *Micula mougeotii*, based on *Sphaeria micula*, was validly introduced by Rabenhorst in Klotzschii Herb. Viv. Mycol., Ed. Nova, 636, 1858 (fig. 79).

Sphaerella recutita (Fr.) Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 7: no. 659, 1858 [Bot. Zeitung **16**: 80, 1858; Flora **41**: 389, 1858].
≡ *Sphaeria recutita* Fr., Syst. mycol. (Lundae) **2**(2): 524, 1823.
≡ *Mycosphaerella recutita* (Fr.) Johanson, Öfvers. K. Svensk. Vetensk.-Akad. Förhandl. **41**(9): 166, ["1884-1885"] 1884.
Notes: The combination *Sphaerella recutita* was validly published on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 659 (fig. 80).The status of *Sphaeria recutita* has been discussed by Aptroot (2006: 173).

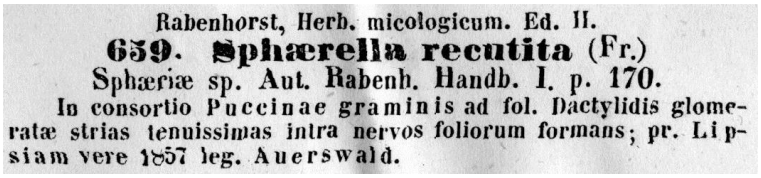

Rabenhorst, Herb. micologicum. Ed. II.
659. Sphærella recutita (Fr.)
Sphæriæ sp. Aut. Rabenh. Handb. I. p. 170.
In consortio Puccinae graminis ad fol. Dactylidis glomeratæ strias tenuissimas intra nervos foliorum formans; pr. Lipsiam vere 1857 leg. Auerswald.

Fig. 80

Sphaeronaema piceae Fiedl., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 7: no. 664, 1858 [Bot. Zeitung **16**: 82, 1858; Flora **41**: 390, 1858].
≡ ***Sclerophoma piceae*** (Fiedl.) Höhn., Sitzungsber. Kaiserl. Akad. Wiss. Wien, Math.-naturwiss. Cl., Abt. 1, **118**: 1234, 1909.
Notes: This species was validly published with a description on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 664 (fig. 81).

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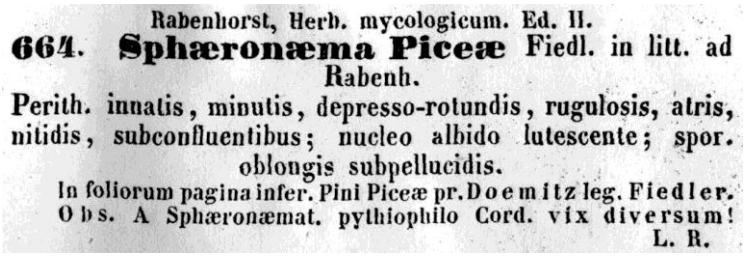

Rabenhorst, Herb. mycologicum. Ed. II.
664. **Sphæronæma Piceæ** Fiedl. in litt. ad Rabenh.
Perith. innatis, minutis, depresso-rotundis, rugulosis, atris, nitidis, subconfluentibus; nucleo albido lutescente; spor. oblongis subpellucidis.
In foliorum pagina infer. Pini Piceæ pr. Doemitz leg. Fiedler.
Obs. A Sphæronæmat. pythiophilo Cord. vix diversum!
L. R.

Fig. 81

Rhytisma nervale (Alb. & Schwein.) Rabenh. [as "(Alb. & Schwein.) Fr."], Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 7: no. 666, 1858 [Bot. Zeitung **16**: 82, 1858; Flora **41**: 390, 1858].
≡ *Xyloma nervale* Alb. & Schwein., Consp. fung. (Leipzig): 64, 1805.
≡ *Sclerotium nervale* (Alb. & Schwein.) Fr., Syst. mycol. (Lundae) **2**(1): 260, 1822.
≡ *Rhytisma nervale* (Alb. & Schwein.) Rehm, Rabenh. Krypt.-Fl., Edn 2 (Leipzig) **1.3**(Lief. 29): 87, 1888, isonym.
Notes: The combination *Rhytisma nervale* was introduced by Rabenhorst in Klotzschii Herb. Viv. Mycol., Ed. Nova, 666, 1858 (fig. 82).

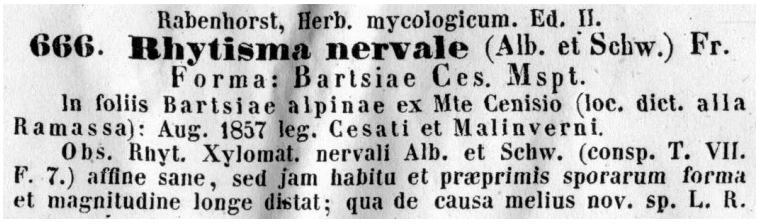

Rabenhorst, Herb. mycologicum. Ed. II.
666. **Rhytisma nervale** (Alb. et Schw.) Fr.
Forma: Bartsiae Ces. Mspt.
In foliis Bartsiae alpinae ex Mte Cenisio (loc. dict. alla Ramassa): Aug. 1857 leg. Cesati et Malinverni.
Obs. Rhyt. Xylomat. nervali Alb. et Schw. (consp. T. VII. F. 7.) affine sane, sed jam habitu et præprimis sporarum forma et magnitudine longe distat; qua de causa melius nov. sp. L. R.

Fig. 82

Rhytisma nervale (Alb. & Schwein.) Rabenh. f. *bartsiae* Ces. ex Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 7: no. 666, 1858 [Bot. Zeitung **16**: 82, 1858; Flora **41**: 390, 1858].
Notes: This forma was validly published on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 666, 1858 (fig. 81) by Rabenhorst who added a diagnosis under "Obs. … L. R." (= Ludwig Rabenhorst).

Rhytisma pedicularis (DC.) Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 7: no. 667, 1858 [Bot. Zeitung **16**: 82, 1858; Flora **41**: 390, 1858].
≡ *Xyloma pedicularis* DC., in de Candolle & Lamarck, Fl. franç., Edn 3 (Paris) **5/6**: 153, 1815.
≡ *Ectostroma pedicularis* (DC.) Fr., Syst. mycol. (Lundae) **2**(2): 602, 1823.
≡ *Rhytisma pedicularis* (DC.) Rehm, Rabenh. Krypt.-Fl., Edn 2 (Leipzig) **1.3**(Lief. 29): 87 ["1896"] 1888, isonym.
≡ *Asteroma pedicularis* (DC.) Jaap, Ann. Mycol. **15**(1/2): 117, 1917.
≡ *Pseudopeziza pedicularis* (DC.) E. Müll. & Schüepp, Phytopathol. Z. **25**(3): 330, 1956.
≡ ***Leptotrochila pedicularis*** (DC.) Schüepp, Phytopathol. Z. **36**: 242, 1959.
Notes: The combination *Rhytisma pedicularis* was introduced by Rabenhorst in Klotzschii Herb. Viv. Mycol., Ed. Nova, 667, 1858 (fig. 83).

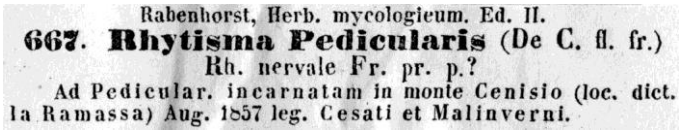

Rabenhorst, Herb. mycologicum. Ed. II.
667. **Rhytisma Pedicularis** (De C. fl. fr.)
Rh. nervale Fr. pr. p.?
Ad Pedicular. incarnatam in monte Cenisio (loc. dict. la Ramassa) Aug. 1857 leg. Cesati et Malinverni.

Fig. 83

Peronospora calotheca de Bary, in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 7: no. 673, 1858 [Bot. Zeitung **16**: 82, 1858; Flora **41**: 390, 1858].
Notes: This species was validly published with a description on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 673 (fig. 84).

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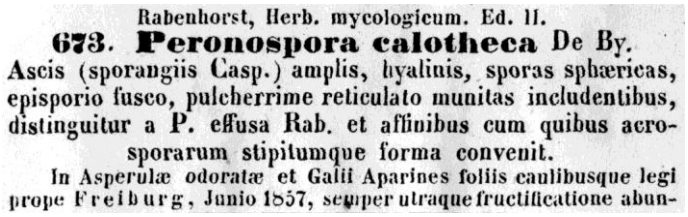

Rabenhorst, Herb. mycologicum. Ed. II.
673. Peronospora calotheca De By.
Ascis (sporangiis Casp.) amplis, hyalinis, sporas sphæricas, episporio fusco, pulcherrime reticulato munitas includentibus, distinguitur a P. effusa Rab. et affinibus cum quibus acrosporarum stipitumque forma convenit.
In Asperulæ odoratæ et Galii Aparines foliis caulibusque legi prope Freiburg, Junio 1857, semper utraque fructificatione abun-

Fig. 84

Puccinia coronata Corda var. *sertata* (Preuss) Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 7: no. 681, 1858 [Bot. Zeitung **16**: 83, 1858; Flora **41**: 391, 1858].
≡ *Puccinia sertata* Preuss, in J. Sturm, Deutschl. Fl., Abth. III, Die Pilze Deutschlands, Band 6, Heft 25–26: 5, Tab. 3, 1848
Notes: This is a valid combination published by Rabenhorst in Klotzschii Herb. Viv. Mycol., Ed. Nova, 681, 1858 (fig. 85).

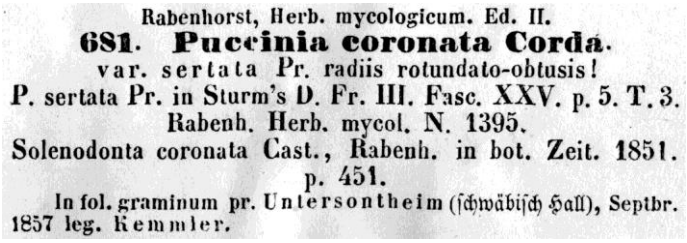

Rabenhorst, Herb. mycologicum. Ed. II.
681. Puccinia coronata Corda.
var. sertata Pr. radiis rotundato-obtusis!
P. sertata Pr. in Sturm's D. Fr. III. Fasc. XXV. p. 5. T. 3.
Rabenh. Herb. mycol. N. 1395.
Solenodonta coronata Cast., Rabenh. in bot. Zeit. 1851. p. 451.
In fol. graminum pr. Untersontheim (ſchwäbiſch Hall), Septbr. 1857 leg. Kemmler.

Fig. 85

Puccinia liliacearum Duby f. *muscari-comosi* Ces., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 7: no. 686, 1858 [Bot. Zeitung **16**: 83, 1858; Flora **41**: 391, 1858].
Notes: This is a valid forma published by Cesati in Rabenhorst, Klotzschii Herb. Viv. Mycol., Ed. Nova, 686, 1858 (fig. 86).


Rabenhorst, Herb. mycologicum. Ed. II.
686. Puccinia Liliacearum Duby.
Forma: Muscari Comosi Ces.
Primitus acervuli aream rhomboëdricam, macula acute definita, occupant.
Ad pagum Oldenici (prov. Vercell. Pedem. legit A. Malinverni.

Fig. 86

Puccinia compacta de Bary, in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 7: no. 688, 1858 [Bot. Zeitung **16**: 83, 1858; Flora **41**: 391, 1858], nom. illeg. (Art. 53.1), non Kunze, 1828.
≡ *Sclerotelium compactum* Syd. [as "(de Bary) Syd."], Ann. Mycol. **19**(3-4): 172, 1921.
= ***Puccinia pulsatillae*** Kalchbr., Mathem. Természettud. Közlem. **3**: 307, 1865.
Notes: This species was published with a description on the the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 688, 1858 (fig. 87), but it is an illegitimate homonym.

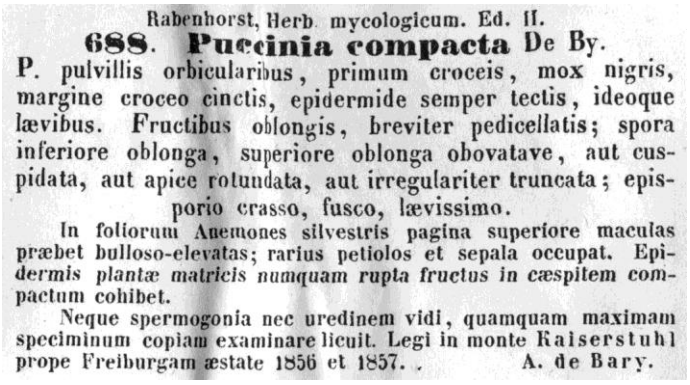

Rabenhorst, Herb. mycologicum. Ed. II.
688. Puccinia compacta De By.
P. pulvillis orbicularibus, primum croceis, mox nigris, margine croceo cinctis, epidermide semper tectis, ideoque lævibus. Fructibus oblongis, breviter pedicellatis; spora inferiore oblonga, superiore oblonga obovatave, aut cuspidata, aut apice rotundata, aut irregulariter truncata; episporio crasso, fusco, lævissimo.
In foliorum Anemones silvestris pagina superiore maculas præbet bulloso-elevatas; rarius petiolos et sepala occupat. Epidermis plantæ matricis numquam rupta fructus in cæspitem compactum cohibet.
Neque spermogonia nec uredinem vidi, quamquam maximam speciminum copiam examinare licuit. Legi in monte Kaiserstuhl prope Freiburgam æstate 1856 et 1857. A. de Bary.

Fig. 87

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Podocystis pustulata (DC.) Ces., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 7: no. 689, 1858 [Bot. Zeitung **16**: 83, 1858; Flora **41**: 391, 1858].
≡ *Uredo bistortarum* a *pustulata* DC., in de Candolle & Lamarck, Fl. franç., Edn 3 (Paris) **5/6**: 76, 1815.
≡ ***Microbotryum pustulatum*** (DC.) R. Bauer & Oberw., in Bauer, Oberwinkler & Vánky, Canad. J. Bot. **75**(8): 1309, 1997.
Notes: The combination *Podocystis pustulata* was validly published on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 689, 1858 (fig. 88).


Rabenhorst, Herb. mycologicum. Ed. II.
689. **Podocystis pustulata** var. **Stellariæ** Ces Mspt.
Tolegno (Valle del Cervo: Pedemont.; prov. Bugellens.), 4. Jan. 1857, in Stellaria nemorum leg. Cesati.

Fig. 88

Podocystis pustulata (DC.) Ces. var. *stellariae* Ces., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 7: no. 689, 1858 [Bot. Zeitung **16**: 83, 1858; Flora **41**: 391, 1858], nom. nud.

Polycystis ranunculacearum (DC.) Fr. [as "*Podocystis*"] f. *anemones* Ces., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 7: no. 690, 1858 [Bot. Zeitung **16**: 83, 1858; Flora **41**: 391, 1858].
= ***Urocystis anemones*** (Pers.) G. Winter, Hedwigia **19**: 160, 1880.
Notes: This is a validly published forma, introduced as substrate form (fig. 89).


Rabenhorst, Herb. mycologicum. Ed. II.
690. **Podocystis Ranunculacearum** Fr.
Forma: Anemones Ces. Mspt.
Ad pagum Oldenici (prov. Vercellensis: Pedemont.) in Anemone nemorosa legit A. Malinverni.

Fig. 89

Aecidium compositarum Mart. f. *doronici* Ces., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 7: no. 691, 1858 [Bot. Zeitung **16**: 83, 1858; Flora **41**: 391, 1858].
= ***Aecidium pardalianches*** Bergam., Giorn. Fis. Chim. Storia Nat. Med. Arti, Dec. 2, **7**: 280, 1824.
Notes: This is a validly published forma, introduced as substrate form (fig. 90).


Rabenhorst, Herb. mycologicum. Ed. II.
691. **Æcidium Compositarum** Mart.
Forma: Doronici Ces. Mspt.
Bugellae (Pedemont.), Majo 1857 ad Doronicum Pardalianchem leg. Cesati.

Fig. 90

Uromyces fraternus Ces., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 7: no. 693, 1858 [Bot. Zeitung **16**: 83, 1858; Flora **41**: 391, 1858], nom. illeg. (superfl., Art. 52.1).
Notes: Cesati (l.c.) introduced a new name, but cited the valid name *Uredo sororia* Ces. as synonym (fig. 91).


Rabenhorst, Herb mycologicum. Ed. II.
693. **Uromyces fraternus** Lasch in litt.
Uredo sororia Lasch in Rabenh. herb. mycol. ed. I. N. 1294.
Ad folia Rumicis Hydrolap. pr. Driesen leg. Lasch.

Fig. 91

Coleosporium rhinanthacearum (DC.) Lév. var. *euphrasiae* Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 7: no. 694, 1858 [Bot. Zeitung **16**: 83, 1858; Flora **41**: 391, 1858], nom. nud.

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Epitea potentillarum Fr. var. *agrimoniae* Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 7: no. 696, 1858 [Bot. Zeitung **16**: 83, 1858; Flora **41**: 391, 1858], nom. nud.

Cent. 8

Peziza carestiae Ces., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 8: no. 704, 1858 [Bot. Zeitung **16**: 302, 1858; Flora **41**: 651, 1858], nom. nud.
≡ *Peziza carestiae* Ces. ex Cooke, Mycographia: [135], 1879.
≡ *Humaria carestiae* (Ces. ex Cooke) Boud., Hist. Class. Discom. Eur. (Paris): 67, 1907.
≡ *Kotlabaea carestiae* (Ces. ex Cooke) Benkert, Österr. Z. Pilzk. **17**: 175, 2008.
≡ *Neottiella carestiae* (Ces. ex Cooke) Sacc., Syll. fung. (Abellini) **8**: 192, 1889.
≡ *Pyronema carestiae* (Ces. ex Cooke) Bres., Ann. Mycol. **1**(2): 119, 1903.
≡ ***Byssonectria carestiae*** (Ces. ex Cooke) U. Lindem. & Kristiansen, Z. Mykol. **83**(1): 116, 2017.
= *Kotlabaea trondii* Benkert & Kristiansen, Z. Mykol. **65**(1): 36, 1999.
Notes: The name *Peziza carestiae* Ces. was introduced on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 704, but without any description or diagnosis (nom. nud.). Rabenhorst added the note "NB. A Pez. theleboloidi Alb. et Schw. vix diversa!" (barely different from *Peziza theleboloides*, Fig. 92). The name *Peziza carestiae* Ces. appeared also on the labels of Erbar Crittogam. Ital. 271 (1271) ["Peziza carestiae, sopra Riva in Valsesia, Luglio 1857. Carestia"] and Erbar Crittogam. Ital. Ser. II 288 ["Peziza carestiae, Riva di Valsesia, Carestia"], but in both cases without any descriptions. Cooke (1879: [135]) validated this species by adding a brief description and illustration (plate 60, fig. 235).

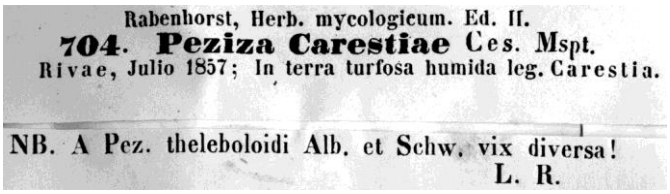

Rabenhorst, Herb. mycologicum. Ed. II.
704. Peziza Carestiae Ces. Mspt.
Rivae, Julio 1857; In terra turfosa humida leg. Carestia.
NB. A Pez. theleboloidi Alb. et Schw. vix diversa!
L. R.

Fig. 92

Peziza mollissima Lasch, in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 8: no. 708, 1858 [Bot. Zeitung **16**: 302, 1858; Flora **41**: 651, 1858], nom. illeg. (Art. 53.1), non Saut. 1841.
≡ *Trichopeziza mollissima* Fuckel [as "(Lasch) Fuckel"], Jahrb. Nassauischen Ver. Naturk. **23-24**: 296 ["1869-70"] 1870.
≡ ***Lachnum mollissimum*** (Fuckel) P. Karst., Bidr. Känn. Finl. Nat. Folk **19**: 174, 1871.
= *Peziza sulphurea* var. *leucophaea* Pers., Mycol. eur. (Erlanga) **1**: 250, 1822.
≡ *Peziza leucophaea* (Pers.) Nyl., Not. Sällsk. Fauna Fl. Fenn. Förh., Ny Ser. **10**: 31, ["1869"] 1868, nom. illeg., non Berk. & M.A. Curtis, 1860.
≡ *Lachnum leucophaeum* (Pers.) P. Karst., Bidr. Känn. Finl. Nat. Folk **19**: 177, 1871.
Notes: *Peziza mollissima* Lasch was published on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 708 with a description (fig. 93), but this name is an illegitimate homonym, validated by Fuckel (1870) as *Trichopeziza mollissima* Fuckel.

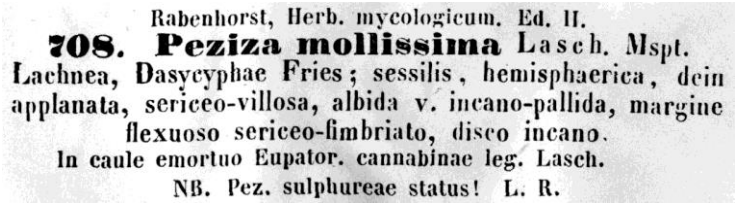

Rabenhorst, Herb. mycologicum. Ed. II.
708. Peziza mollissima Lasch. Mspt.
Lachnea, Dasycyphae Fries; sessilis, hemisphaerica, dein applanata, sericeo-villosa, albida v. incano-pallida, margine flexuoso sericeo-fimbriato, disco incano.
In caule emortuo Eupator. cannabinae leg. Lasch.
NB. Pez. sulphureae status! L. R.

Fig. 93

Stictis graminicola Lasch, in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 8: no. 713, 1858 [Bot. Zeitung **16**: 302, 1858; Flora **41**: 652, 1858].

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Notes: This is a valid species published with a description on the label of of Klotzschii Herb. Viv. Mycol., Ed. Nova, 713 (fig. 94).

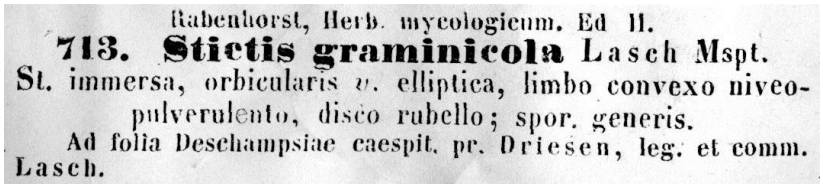

Rabenhorst, Herb. mycologicum. Ed II.
713. **Stictis graminicola** Lasch Mspt.
St. immersa, orbicularis v. elliptica, limbo convexo niveo-pulverulento, disco rubello; spor. generis.
Ad folia Deschampsiae caespit. pr. Driesen, leg. et comm. Lasch.

Fig. 94

Cordyceps myrmecophila Ces. [as "(Ces.) Ces"], in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 8: no. 719, 1858 [Bot. Zeitung **16**: 302, 1858; Flora **41**: 652, 1858].

≡ *Hypocrea myrmecophila* Ces., in Rabenh., Klotzschii Herb. Viv. Mycol., Cent. 11: no. 1033, 1846 [and Bot. Zeitung **4**: 877, 1846; Flora **31**: 505, 1848], nom. illeg. (Art. 53.1), non Fr., 1825.

≡ ***Ophiocordyceps myrmecophila*** (Ces.) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora, in Sung, Hywel-Jones, Sung, Luangsa-ard, Shrestha & Spatafora, Stud. Mycol. **57**: 45, 2007.

Notes: The name *Cordyceps myrmecophila* was first validly published by Cesati in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, 719, 1858 (fig. 95). The first publication as "*Hypocrea* (*Cordyceps*) *myrmecophila*" in Rabenh., Klotzschii Herb. Viv. Mycol., Cent. 11: no. 1033, 1846 was not meant to be an introduction of alternative names. It referred to "*Hypocrea* A. *Cordyceps*" in Fries (1825: 105).


Rabenhorst, Herb. mycologicum. Ed. II.
719. **Cordyceps mirmecophila** (Ces.)
C. ochroleuca; stipile filiformi tenacello; clavula ovoidea, ad basin sterili, superne costata acutiuscula e peritheciorum summo ostiolo gibberulosa. etc. Ces. in Rabenh. Herb. mycol. ed. I. N. 1033.
Brixiae, in formicis emortuis, leg. Cesati.

Fig. 95

Perisporium occultatum Ces., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 8: no. 721, 1858 [Bot. Zeitung **16**: 302, 1858; Flora **41**: 652, 1858].

Notes: This species was validly published with a description on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 721 (fig. 96)

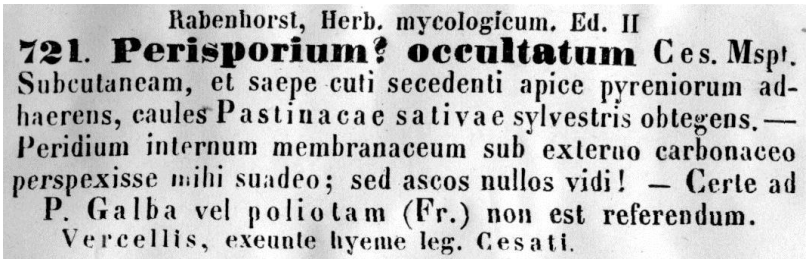
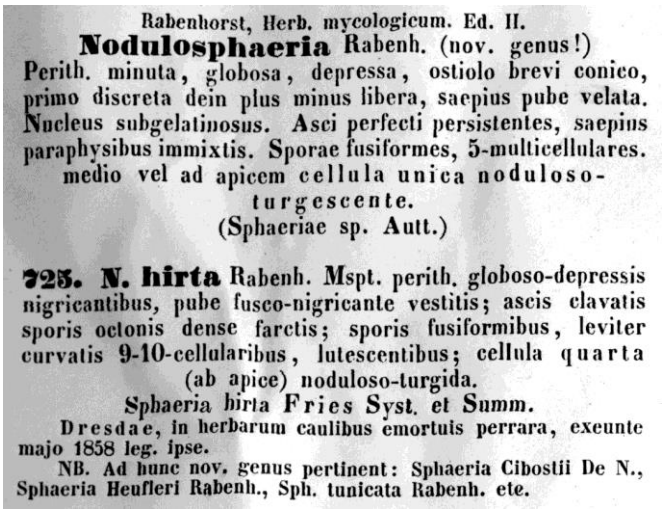

Rabenhorst, Herb. mycologicum. Ed II
721. **Perisporium? occultatum** Ces. Mspt.
Subcutaneam, et saepe cuti secedenti apice pyreniorum adhaerens, caules Pastinacae sativae sylvestris obtegens. — Peridium internum membranaceum sub externo carbonaceo perspexisse mihi suadeo; sed ascos nullos vidi! — Certe ad P. Galba vel poliotam (Fr.) non est referendum.
Vercellis, exeunte hyeme leg. Cesati.

Fig. 96

Nodulosphaeria Rabenh. and *Nodulosphaeria hirta* Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 8: no. 725, 1858 [Bot. Zeitung **16**: 303, 1858; Flora **41**: 652, 1858].

Notes: This genus and its type species were validly published with descriptions on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 725, 1858 (fig. 97). *Nodulisphaeria* was later rejected against *Leptosphaeria* Ces. & De Not., 1863.

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Rabenhorst, Herb. mycologicum. Ed. II.
Nodulosphaeria Rabenh. (nov. genus!)
Perith. minuta, globosa, depressa, ostiolo brevi conico, primo discreta dein plus minus libera, saepius pube velata. Nucleus subgelatinosus. Asci perfecti persistentes, saepius paraphysibus immixtis. Sporae fusiformes, 5-multicellulares. medio vel ad apicem cellula unica noduloso-turgescente.
(Sphaeriae sp. Autt.)

725. N. hirta Rabenh. Mspt. perith. globoso-depressis nigricantibus, pube fusco-nigricante vestitis; ascis clavatis sporis octonis dense farctis; sporis fusiformibus, leviter curvatis 9-10-cellularibus, lutescentibus; cellula quarta (ab apice) noduloso-turgida.
Sphaeria hirta Fries Syst. et Summ.
Dresdae, in herbarum caulibus emortuis perrara, exeunte majo 1858 leg. ipse.
NB. Ad hunc nov. genus pertinent: Sphaeria Cibostii De N., Sphaeria Heufleri Rabenh., Sph. tunicata Rabenh. etc.

Fig. 97

Gibberidea (Fr.) Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 8: no. 726, 1858 [Bot. Zeitung **16**: 303, 1858; Flora **41**: 652, 1858].
≡ *Sphaeria* b *Gibberidea* Fr., Summa veg. Scand., Sectio Post. (Stockholm): 395, 1849.
Notes: Rabenhorst introduced the genus name *Gibberidea* as combination based on *Sphaeria* b *Gibberidea* Fr. (indirect reference), together with the combination *G. spartii*, in Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 8: no. 726, 1858 (fig. 98).


Rabenhorst, Herb. mycologicum. Ed. II.
726. Gibberidea Spartii (Nees.) Rabenh. Mspt.
Sphaeria Spartii Nees, Moug. et Nestl. N. 664.
Rabenh. Handb. p. 199.
In ramis emortuis Spartii scoparii pr. Schluckenau in Bohemia leg. Karl.

Fig. 98

Gibberidea spartii (Nees : Fr.) Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 8: no. 726, 1858 [Bot. Zeitung **16**: 303, 1858; Flora **41**: 652, 1858].
≡ *Sphaeria spartii* Nees, in Schmidt & Kunze, Deutschl. Schwämme, Achte Lieferung: 2, 1818 (: Fr., Syst. mycol. **2**(2): 424, 1823).
Notes: This is a valid combination published on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 726, 1858 (fig. 98).

Sphaeria typharum (Desm.) Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 8: no. 731, 1858 [Bot. Zeitung **16**: 303, 1858; Flora **41**: 652, 1858].
≡ *Sphaeria scirpicola* var. *typharum* Desm., Pl. cryptog. Fr.: no. 1428, 1849.
≡ ***Juncaceicola typharum*** (Desm.) Tennakoon, Phook. & K.D. Hyde, in Tennakoon, Hyde, Phookamsak & Promputtha, Cryptog. Mycol. **37**(2): 151, 2016.
Notes: This is a valid combination published on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 731, 1858 (fig. 99).

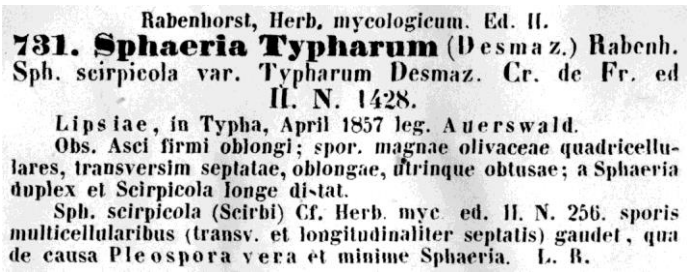

Rabenhorst, Herb. mycologicum. Ed. II.
731. Sphaeria Typharum (Desmaz.) Rabenh.
Sph. scirpicola var. Typharum Desmaz. Cr. de Fr. ed II. N. 1428.
Lipsiae, in Typha, April 1857 leg. Auerswald.
Obs. Asci firmi oblongi; spor. magnae olivaceae quadricellulares, transversim septatae, oblongae, utrinque obtusae; a Sphaeria duplex et Scirpicola longe distat.
Sph. scirpicola (Scirbi) Cf. Herb. myc. ed. II. N. 256. sporis multicellularibus (transv. et longitudinaliter septatis) gaudet, qua de causa Pleospora vera et minime Sphaeria. L. R.

Fig. 99

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Sphaeria petasitidis Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 8: no. 733, 1858 [Bot. Zeitung **16**: 303, 1858; Flora **41**: 653, 1858], nom. nud.

Staurosphaeria Rabenh. and *Staurosphaeria lycii* Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 8: no. 736, 1858 [Bot. Zeitung **16**: 303, 1858; Flora **41**: 653, 1858].
Notes: The genus *Staurosphaeria* and its type species *Staurosphaeria lycii* are validly published by provision of a single description (descriptio generico-specifica, Art. 38.5) on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 736, 1858 (fig. 100).


736. Staurosphaeria Rabenh. nov. gen.
Perithecia caespitoso-erumpentia, massa sporophora nigra farcta. Asci et paraphyses nulli. Sporae acrogenae globosae coloratae quadriloculares (perfecte evolutae exacte cruciatim septatae!)
St. Lycii Rabenh Mspt.
Dresdae, in Lycii ramulis, vere et autumno, leg ipse.

Fig. 100

Sphaeropsis vaginae (Lasch) Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 8: no. 737, 1858 [Bot. Zeitung **16**: 303, 1858; Flora **41**: 653, 1858].
≡ *Sphaeria vaginae* Lasch, in Rabenh., Klotzschii Herb. Viv. Mycol., Cent. 7: no. 663, 1844 [and Arch. Pharm. (Lemgo) **91**: 375, 1845; Bot. Zeitung **3**(4): 67, 1845].
Notes: This combination was validly published on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 737, 1858 (fig. 101).


Rabenhorst, Herb. mycologicum. Ed. II.
737. Sphaeropsis Vaginae Rabenh. ad inter. Sphaeria Vaginae Lasch in Rabenh. Herb. mycol. ed. I. N. 663.
Dresdae, in vaginis folior. Phragmitis communis, vere 1857 leg. ipse.
Obs. Asci nulli; Sporae monoblastae, lunulatae (Closterioides), utrinque acutissimae, subsetigerae, hyalinae. — Novum genus videtur; at sporarum genesis mihi non contigit.

Fig. 101

Asteroma veronicarum Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 8: no. 739, 1858 [Bot. Zeitung **16**: 303, 1858; Flora **41**: 653, 1858], nom. illeg. (Art. 52.1).
Notes: Rabenhorst (l.c.) cited *Sphaeria abjecta* Wallr. as synonym. A description is not added.

Spilosphaeria aegopodii (Pers.) Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 8: no. 741, 1858 [Bot. Zeitung **16**: 303, 1858; Flora **41**: 653, 1858]
≡ *Sphaeria aegopodii* Pers., Observ. mycol. (Lipsiae) **1**: 17, 1796.
≡ *Ascospora aegopodii* (Pers.) Fr., Syst. orb. veg. (Lundae) **1**: 112, 1825.
≡ *Spilosphaeria aegopodii* (Pers.) Fuckel, Fungi Rhen. Exs., Fasc. 1-8: no. 451, 1863, isonym.
≡ ***Stigmatea aegopodii*** (Pers.) Oudem., Ned. Kruidk. Arch., Sér. 2, **2**: 185, 1876.
Notes: This is a valid combination published on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 741, 1858 (fig. 102) with reference to *Ascospora aegopodii* (Pers.) Fr. as synonym cited in the protologue.

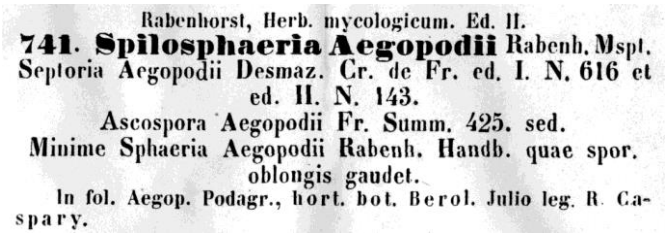

Rabenhorst, Herb. mycologicum. Ed. II.
741. Spilosphaeria Aegopodii Rabenh. Mspt.
Septoria Aegopodii Desmaz. Cr. de Fr. ed. I. N. 616 et ed. II. N. 143.
Ascospora Aegopodii Fr. Summ. 425. sed.
Minime Sphaeria Aegopodii Rabenh. Handb. quae spor. oblongis gaudet.
In fol. Aegop. Podagr., hort. bot. Berol. Julio leg. R. Caspary.

Fig. 102

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Depazea nerii Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 8: no. 743, 1858 [Bot. Zeitung **16**: 303, 1858; Flora **41**: 653, 1858], nom. nud.

Rhabdospora alsines Mont., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 8: no. 744, 1858 [Bot. Zeitung **16**: 303, 1858; Flora **41**: 653, 1858], nom. nud.

Rhaphidospora urticae Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 8: no. 745, 1858 [Bot. Zeitung **16**: 303, 1858; Flora **41**: 653, 1858], nom. illeg. (Art. 52.1).
Notes: This is a superfluous name (*Sphaeria erythrospora* Riess was cited as synonym in the protologue, fig. 103).

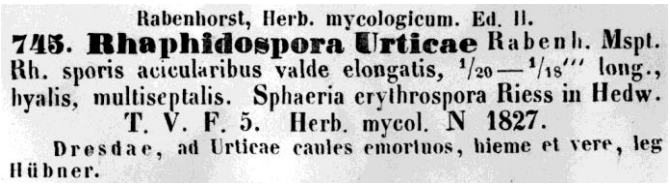

Rabenhorst, Herb. mycologicum. Ed. II.
745. **Rhaphidospora Urticae** Rabenh. Mspt.
Rh. sporis acicularibus valde elongatis, 1/20 — 1/18''' long., hyalis, multiseptalis. Sphaeria erythrospora Riess in Hedw. T. V. F. 5. Herb. mycol. N 1827.
Dresdae, ad Urticae caules emortuos, hieme et vere, leg Hübner.

Fig. 103

Pleospora pellita (Fr.) Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 8: no. 749, 1858 [Bot. Zeitung **16**: 303, 1858; Flora **41**: 653, 1858].
≡ *Sphaeria pellita* Fr., Syst. mycol. (Lundae) **2**(2): 503, 1823.
≡ ***Pyrenophora pellita*** (Fr.) Sacc., Syll. fung. (Abellini) **2**: 280, 1883.
Notes: This is a valid combination published on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 749, 1858 (fig. 104)


Rabenhorst, Herb. mycologicum. Ed. II.
749. **Pleospora pellita** (Fr.) Rabenh.
Sphaeriae spec. Fr. et Auct.
Dresdae, in caulibus siccis herbar. major. vere, legi ipse.
Obs. Perithecia e conico globosa, basi pilis brevibus concoloribus cincta; Asci perfecti, firmi, cylindraceo-clavati, breviter stipitati, saepius arcuati; Sporae magnae, luteo-olivaceae, oblongo-ovoideae vel subpanduraeformes, multicellulares (transversim et longitudinaliter multiseptatae).
NB. Sph. calvae Tode, quacum olim conjunxi (Handb. I. p. 194.) quidem affinis, sed minime identica L. R.

Fig. 104

Pleospora asparagi Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 8: no. 750, 1858 [Bot. Zeitung **16**: 303, 1858; Flora **41**: 653, 1858], nom. nud.
≡ *Pleospora asparagi* Rabenh. ex Sacc., Syll. fung. (Abellini) **2**: 268, 1883.

Trullula spartii (Rabenh.) Ces., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 8: no. 752, 1858 [Bot. Zeitung **16**: 303, 1858; Flora **41**: 653, 1858].
≡ *Cesatia spartii* Rabenh., Klotzschii Herb. Viv. Mycol., Cent. 15: no. 1443, 1850 [and Bot. Zeitung **9**: 180, 1851; Flora **34**: 74, 1851].
Notes: This is a valid combination published on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 752, 1858 (fig. 105).

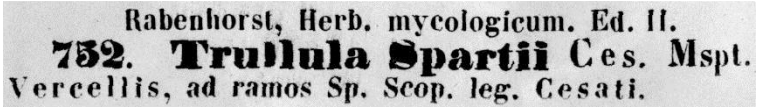

Rabenhorst, Herb. mycologicum. Ed. II.
752. **Trullula Spartii** Ces. Mspt.
Vercellis, ad ramos Sp. Scop. leg. Cesati.

Fig. 105

Cytospora oxyacanthae Rabenh. [as "*Cytispora*"], Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 8: no. 754, 1858 [Bot. Zeitung **16**: 303, 1858; Flora **41**: 653, 1858].
Notes: This is a validly published species with a description on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 754, 1858 (fig. 106).

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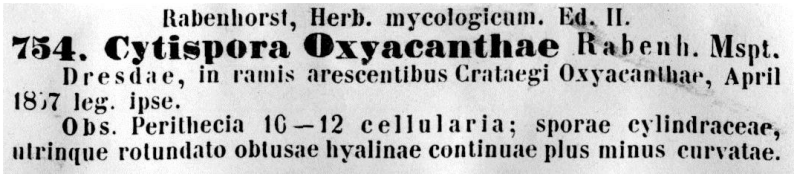

Rabenhorst, Herb. mycologicum. Ed. II.
754. Cytispora Oxyacanthae Rabenh. Mspt.
Dresdae, in ramis arescentibus Crataegi Oxyacanthae, April 1857 leg. ipse.
Obs. Perithecia 10—12 cellularia; sporae cylindraceae, utrinque rotundato obtusae hyalinae continuae plus minus curvatae.

Fig. 106

Hymenula spartii Lasch, in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 8: no. 755, 1858 [Bot. Zeitung **16**: 303, 1858; Flora **41**: 653, 1858].
Notes: This is a validly published species with a description on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 755, 1858 (fig. 107).


Rabenhorst, Herb. mycologicum. Ed. II.
755. Hymenula Spartii Lsch.
Subrotunda, leviter convexa carnoso-gelatinosa, subfimbriata, pallide fusca nigrescens, sporis bacilliformibus curvatis, utrinque obtusis.
In ramulis emort. Spartii scoparii pr. Driesen. Lasch.

Fig. 107

Stilbum herbarum Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 8: no. 763, 1858 [Bot. Zeitung **16**: 303, 1858; Flora **41**: 653, 1858].
≡ ***Stilbella herbarum*** (Rabenh.) Lindau, Rabenh. Krypt.-Fl., Edn 2 (Leipzig) **1.9**: 299, 1908.
Notes: This is a validly published species with a description on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 763, 1858 (fig. 108).


Rabenhorst, Herb. mycologicum. Ed. II.
763. Stilbum herbarum Rabenh. Mspt.
St. sparsum, clavatum; stipite brevi, rigido, ex albo lutescente, basi dilatato; capitulo rotundato-elongato, mox turbato, fuscescente, sporis ovoideis hyalinis pulverulento.
In foliis, petiolis capitulisque Eryngii campestris, pr. Doemitz (Flor. Megapol.) leg. Dr. Fiedler.

Fig. 108

Byssocladium cerevisiae Auersw., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 8: no. 764, 1858 [Bot. Zeitung **16**: 303, 1858; Flora **41**: 653, 1858], nom. nud.

Haplaria viridis (Link) Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 8: no. 770, 1858 [Bot. Zeitung **16**: 303, 1858; Flora **41**: 654, 1858]
≡ *Chloridium viride* Link, Mag. Gesell. Naturf. Freunde, Berlin **3**(1-2): 13, 1809.
Notes: This is a valid combination published on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 770, 1858 (fig. 109).

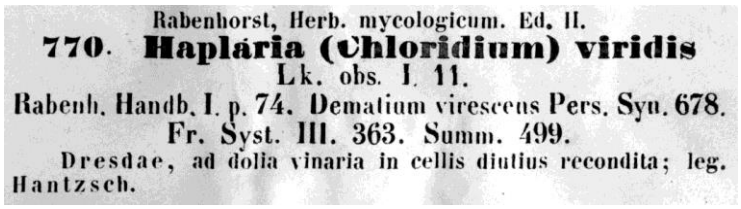

Rabenhorst, Herb. mycologicum. Ed. II.
770. Haplaria (Chloridium) viridis
Lk. obs. I. 11.
Rabenh. Handb. I. p. 74. Dematium virescens Pers. Syn. 678.
Fr. Syst. III. 363. Summ. 499.
Dresdae, ad dolia vinaria in cellis diutius recondita; leg. Hantzsch.

Fig. 109

Botrytis brunneola Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 8: no. 771, 1858 [Bot. Zeitung **16**: 303, 1858; Flora **41**: 654, 1858].
Notes: This is a validly published species with a description on the label of Klotzschii Herb. Viv. Mycol., Ed. Nova, 771, 1858 (fig. 110).

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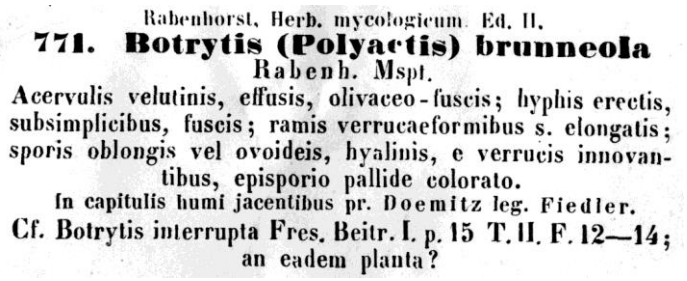

Rabenhorst, Herb. mycologicum Ed. II.
771. Botrytis (Polyactis) brunneola
Rabenh. Mspt.
Acervulis velutinis, effusis, olivaceo-fuscis; hyphis erectis, subsimplicibus, fuscis; ramis verrucaeformibus s. elongatis; sporis oblongis vel ovoideis, hyalinis, e verrucis innovantibus, episporio pallide colorato.
In capitulis humi jacentibus pr. Doemitz leg. Fiedler.
Cf. Botrytis interrupta Fres. Beitr. I. p. 15 T. II. F. 12—14; an eadem planta?

Fig. 110

Peronospora holostei Casp., in Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 8: no. 774, 1858 [Bot. Zeitung **16**: 303, 1858; Flora **41**: 654, 1858], nom. nud.
≡ *Peronospora holostei* Casp. ex de Bary, Ann. Sci. Nat., Bot., Sér. 4, **20**: 115, 1863.
= *Peronospora conferta* (Unger) Unger f. *holosteri* Fuckel, Fungi Rhen. Exs., Fasc. I: no. 17, 1863.
Notes: *Peronospora holostei* was introduced in Klotzschii Herb. Viv. Mycol., Ed. Nova, 774, 1858, but without description (nom. nud.), and was later validated by de Bary (l.c.). *P. conferta* f. *holostei* is a valid forma, although without any description, introduced as substrate (host) forma of a pathogenic fungus.

Tuberculariа confluens Pers. var. *sophorae* Rabenh., Klotzschii Herb. Viv. Mycol., Ed. Nova, Cent. 8: no. 778, 1858 [Bot. Zeitung **16**: 303, 1858; Flora **41**: 654, 1858], nom. nud.

Overlooked combinations in *Depazea*, introduced in Rabenhorst (1844)

Fries (1818) introduced the genus *Depazea* Fr. (type species: *D. frondicola* Fr.). Later, he reduced this name to synonymy with *Sphaeria* (Fries 1823: 318, 527), and other authors followed, e.g. Wallroth (1833). Rabenhorst (1844) recognized *Depazea* and assigned numerous species to this genus. Later, Fries (1849) treated *Depazea* again as a genus of its own and listed nine species, including some omitted taxonomic novelties (see below).

Based on results of phylogenetic analyses, the type species of *Depazea*, *D. frondicola*, has recently been reallocated to *Sphaerulina* Sacc. (Verkley et al. 2013: 296)), i.e., the older name *Depazea* is a synonym of *Sphaerulina*. Therefore, a proposal to conserve the genus name *Sphaerulina* over *Depazea* is necessary.

Depazea aegopodii (Pers. : Fr.) Rabenh., Deutschl. Krypt.-Fl. **1** (Pilze): 139, 1844.
≡ *Sphaeria aegopodii* Pers., Observ. mycol. (Lipsiae) **1**: 17, 1796 [: Fr., Syst. mycol. (Lundae) **2**(2): 526, 1823].

Depazea aesculicola (Fr.) Rabenh., Deutschl. Krypt.-Fl. **1** (Pilze): 137, 1844.
≡ *Sphaeria aesculicola* Fr., Syst. mycol. (Lundae) **2**(2): 530, 1823.
≡ *Septoria aesculicola* (Fr.) Sacc., Bull. Soc. Mycol. Fr. **5**(4): 122, 1890.

Depazea brassicicola (Duby) Rabenh., Deutschl. Krypt.-Fl. **1** (Pilze): 138, 1844, nom. illeg. (Art. 53.1), non *D. brassicicola* Desm., 1826.
≡ *Sphaeria brassicicola* Duby [as "*brassicaecola*"], Bot. Gall., Edn 2 (Paris) **2**: 712, 1830.

Depazea buxicola (DC.) Rabenh., Deutschl. Krypt.-Fl. **1** (Pilze): 136, 1844.
≡ *Sphaeria lichenoides* var. *buxicola* DC., in de Candolle & Lamarck, Fl. franç., Edn 3 (Paris) **6**: 149, 1815.
≡ *Sphaeria buxicola* (DC.) Fr., Syst. mycol. (Lundae) **2**(2): 258, 1823.
≡ *Mycosphaerella buxicola* (DC.) Tomilin, Nov. Sist. Niz. Rast. **6**: 119 ["1969"] 1970.

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Depazea calthicola (DC. : Fr.) Rabenh., Deutschl. Krypt.-Fl. **1** (Pilze): 139, 1844.
≡ *Sphaeria lichenoides* var. *calthicola* DC. [as "*calthaecola*"], in de Candolle & Lamarck, Fl. franç., Edn 3 (Paris) **6**: 149, 1815.
≡ *Sphaeria calthicola* (DC.) Fr., Syst. mycol. (Lundae) **2**(2): 532, 1823.

Depazea castaneicola (DC. : Fr.) Rabenh., Deutschl. Krypt.-Fl. **1** (Pilze): 137, 1844.
≡ *Sphaeria lichenoides* var. *castaneicola* DC. [as "*castaneaecola*"], in de Candolle & Lamarck, Fl. franç., Edn 3 (Paris) **6**: 147, 1815.
≡ *Sphaeria castaneicola* (DC.) Fr. [as "*castaneaecola*"], Syst. mycol. (Lundae) **2**(2): 530, 1823.
Notes: Fries (l.c.) cited "Dec. l. c. b.", i.e., he undoubtedly refered to *Sphaeria lichenoides* var. *castaneicola* DC. as in other cases in his treatment of *Sphaeria* spp. Rabenhorst (l.c.) cited "De C." (= de Candolle) as well.

Depazea convolvulicola (DC.) Rabenh., Deutschl. Krypt.-Fl. **1** (Pilze): 138, 1844.
≡ *Sphaeria lichenoides* var. *convolvulicola* DC., in de Candolle & Lamarck, Fl. franç., Edn 3 (Paris) **5/6**: 148, 1815.
≡ *Sphaeria gentianicola* var. *convolvulicola* (DC.) Fr., Syst. mycol. (Lundae) **2**(2): 531, 1823.

Depazea cornicola (DC. : Fr.) Rabenh., Deutschl. Krypt.-Fl. **1** (Pilze): 137, 1844.
≡ *Sphaeria lichenoides* var. *cornicola* DC., in de Candolle & Lamarck, Fl. franç., Edn 3 (Paris) **5/6**: 148, 1815.
≡ *Sphaeria cornicola* (DC.) Fr., Syst. mycol. (Lundae) **2**(2): 530, 1823.
≡ ***Sphaerulina cornicola*** (DC. : Fr.) Verkley, Quaedvl. & Crous, Stud. Mycol. **75**(1): 295, 2013.

Depazea crispans (Fr.) Rabenh., Deutschl. Krypt.-Fl. **1** (Pilze): 138, 1844.
≡ *Sphaeria crispans* Fr., Elench. fung. (Greifswald) **2**: 111, 1828.

Depazea dianthi (Alb. & Schwein.) Rabenh., Deutschl. Krypt.-Fl. **1** (Pilze): 137, 1844.
≡ *Sphaeria dianthi* Alb. & Schwein., Consp. fung. (Leipzig): 47, 1805.
≡ *Septoria dianthi* (Alb. & Schwein.) Desm., Ann. Sci. Nat., Bot., Sér. 3, **11**(2): 346, 1849.
≡ *Ascochyta dianthi* (Alb. & Schwein.) Berk., Outl. Brit. Fung. (London): 320, 1860.
Notes: Mel'nik (1977) regarded this species as a synonym of *Septoria dianthi* (Alb. & Schwein.) Desm. (≡ *Ascochyta dianthi* (Alb. & Schwein.) Berk.). Desmazières (1849) cited *Sphaeria dianthi* Alb. & Schwein. as synonym of his *Septoria dianthi*, i.e., he introduced a new combination based on the latter name.

Depazea fagicola (Fr.) Rabenh., Deutschl. Krypt.-Fl. **1** (Pilze): 137, 1844.
≡ *Sphaeria fagicola* Fr., Syst. mycol. (Lundae) **2**(2): 529, 1823.
≡ *Sphaerella fagicola* (Fr.) Auersw., in Gonnermann & Rabenhorst, Mycol. eur. Abbild. Sämmtl. Pilze Eur. **5**-**6**: 7, 1869.
Notes: According to Aptroot (2006: 89) possibly identical with *Mycosphaerella punctiformis* (= *Ramularia endophylla*).

Depazea fragariicola (Wallr.) Rabenh., Deutschl. Krypt.-Fl. **1** (Pilze): 138, 1844.
≡ *Sphaeria fragariicola* Wallr., Fl. crypt. Germ. (Norimbergae) **2**: 767, 1833.

Depazea gentianicola (DC : Fr.) Rabenh., Deutschl. Krypt.-Fl. **1** (Pilze): 138, 1844.
≡ *Sphaeria lichenoides* var. *gentianicola* DC. [as "*gentianaecola*"], in de Candolle & Lamarck, Fl. franç., Edn 3 (Paris) **5/6**: 148, 1815.
≡ *Sphaeria gentianicola* (DC.) Fr., Syst. mycol. (Lundae) **2**(2): 531, 1823.
≡ ***Leptothyrium gentianicola*** (DC. : Fr.) Bäumler, Hedwigia **24**: 75, 1885.

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Depazea juglandina (Fr.) Rabenh., Deutschl. Krypt.-Fl. **1** (Pilze): 137, 1844, nom. illeg. (Art. 52.1)
≡ *Xyloma juglandis* DC., in de Candolle & Lamarck, Fl. franç., Edn 3 (Paris) **5/6**: 158, 1815, non *Sphaeria juglandis* DC. 1815.
≡ *Sphaeria juglandina* Fr., Syst. mycol. (Lundae) **2**(2): 621, 1823 (nom. nov.).
≡ *Phyllosticta juglandis* (DC.) Sacc., Syll. fung. (Abellini) **3**: 31, 1884.
Notes: Fries (1823: 621) introduced *Sphaeria juglandina* as new name for *Xyloma juglandis* DC. Rabenhorst (1844) cited de Candolle's name as synonym of *D. juglandina*, but failed to introduce the correct combination "*Depazaea juglandis*". In Elench. fung. (Greifswald) **2**: 110, 1828, Fries added a description to *Sphaeria* (*Depazea*) *juglandicola*. *Xyloma juglandis* is probably a species of *Phoma* (van der Aa & Vanev 2002).

Depazea lychnidis (Fr.) Rabenh., Deutschl. Krypt.-Fl. **1** (Pilze): 137, 1844.
≡ *Sphaeria lychnidis* Fr. in Kunze & J.C. Schmidt, Mykologische Hefte (Leipzig) **2**: 53, 1823 [Fr., Systema Mycologicum **2**(2): 531, 1823].
≡ *Phyllosticta lychnidis* (Fr.) Ellis & Everh., North American Phyllostictas (New Jersey): 59 1900.
Notes: Fries is the author of the chapter in the booklet published by Kunze & Schmidt (1823). Therefore, new names published in this chapter have to be ascribed to Fries as author. The identity of this species is unclear. Van der Aa & Vanev (2002) did not examine type material. Secondary collections deposited under this name turned out to belong to *Phoma exigua* Desm.

Depazea ostruthii (Fr.) Rabenh., Deutschl. Krypt.-Fl. **1** (Pilze): 139, 1844.
≡ *Sphaeria ostruthii* Fr., Observ. mycol. (Havniae) **1**: 174, 1815.
≡ ***Stigmatea ostruthii*** (Fr.) Oudem. ex Sacc., Syll. fung. (Abellini) **1**: 545, 1882.

Depazea pyrolae (Ehrenb. : Fr.) Rabenh., Deutschl. Krypt.-Fl. **1** (Pilze): 136, 1844.
≡ *Sphaeria pyrolae* Ehrenb., Sylv. mycol. berol. (Berlin): 29, 1818 [: Fr., Syst. mycol. (Lundae) **2**(2): 528, 1823].
Notes: The identity and affinity of *Sphaeria pyrolae* is unclear. Aptroot (2006) failed to trace type material of this species. He examined several collections deposited under this name and observed that they were morphologically indistinguishable from *Mycosphaerella punctiformis* (Pers.) Stärbeck (= *Ramularia endophylla* Verkley & U. Braun). Eriksson (1992) cited this name as synonym of *Mycosphaerella chimaphilae* (Ellis & Everh.) Höhn. (synonymy not based on type material).

Depazea quercicola (DC. : Fr.) Rabenh., Deutschl. Krypt.-Fl. **1** (Pilze): 137, 1844.
≡ *Sphaeria quercicola* Wallr., Fl. crypt. Germ. (Norimbergae) **2**: 768, 1833.

Depazea ribicola (Fr.) Rabenh., Deutschl. Krypt.-Fl. **1** (Pilze): 137, 1844.
≡ *Sphaeria ribicola* Fr., Syst. mycol. (Lundae) **2**(2): 530, 1823.
≡ *Phyllosticta ribicola* (Fr.) Sacc., Syll. fung. (Abellini) **3**: 17, 1884.
Notes: The identity of this species is unclear (see van der Aa & Vanev 2002: 398–399).

Depazea salicicola (Fr.) Rabenh., Deutschl. Krypt.-Fl. **1** (Pilze): 137, 1844.
≡ *Sphaeria salicicola* Fr., Syst. mycol. (Lundae) **2**(2): 530, 1823.
≡ *Sphaerella salicicola* (Fr.) Fuckel, Jahrb. Nassauischen Vereins Naturk. **23**–**24**: 106, ["1869-70"] 1870.
≡ *Septoria salicicola* (Fr.) Sacc., Michelia **1**(2): 171, 1878.
≡ *Mycosphaerella salicicola* (Fr.) Johanson ex Oudem., Rév. Champ. Pays-Bas (Amsterdam) **2**: 210, 1897.
Notes: Fuckel (1870) cited "*Depazea" salicicola* Fr. as synonym of *Sphaerella salicicola*, i.e., *Sphaeria salicicola* is the basionym of a new combination, and the combination *Mycosphaerella salicicola* is accordingly based on *Sphaeria salicicola* as well (see also Aptroot 2006: 179). This

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species seems to be a synonym of *Mycosphaerella punctiformis* (= *Ramularia endophylla*) [see Tomilin 1979].

Depazea stemmatea (Fr. : Fr.) Rabenh., Deutschl. Krypt.-Fl. **1** (Pilze): 137, 1844.
≡ *Sphaeria stemmatea* Fr., Kongl. Vetensk. Acad. Handl. **38**: 246, 1817 [: Fr., Syst. mycol. (Lundae) **2**(2): 528, 1823].
≡ *Mycosphaerella stemmatea* (Fr. : Fr.) Romell, Fungi Paras. Scand. Exs., Fasc. **1**: no. 68, 1890.
Notes: see Aptroot (2006: 190).

Depazea subradians (Fr. : Fr.) Rabenh., Deutschl. Krypt.-Fl. **1** (Pilze): 139, 1844.
≡ *Sphaeria subradians* Fr., K. Svenska Vetensk-Akad. Handl., Ser. 3, **38**: 248, 1817 [: Fr., Syst. mycol. (Lundae) **2**(2): 525, 1823].
≡ *Mycosphaerella subradians* (Fr.) J. Schröt., in Cohn, Krypt.-Fl. Schlesien (Breslau) **3.2**(3): 339, 1894.

Depazea tremulicola (DC. : Fr.) Rabenh., Deutschl. Krypt.-Fl. **1** (Pilze): 137, 1844.
≡ *Sphaeria lichenoides* var. *tremulicola* DC. [as "*tremulaecola*"], in de Candolle & Lamarck, Fl. franç., Edn 3 (Paris) **6**: 147, 1815.
≡ *Sphaeria tremulicola* (DC.) Fr. [as "*tremulaecola*"], Syst. mycol. (Lundae) **2**(2): 529, 1823.
≡ *Mycosphaerella tremulicola* (DC. : Fr.) Petr., Ann. Mycol. **38**: 248, 1940.
Notes: Tomilin (1979) reduced this species to synonymy with *Mycosphaerella punctiformis* (= *Ramularia endophylla*).

Depazea vagans (Fr.) Rabenh., Deutschl. Krypt.-Fl. **1** (Pilze): 139, 1844.
≡ *Sphaeria vagans* Fr., Syst. mycol. (Lundae) **2**(2): 532, 1823.

Depazea names introduced in Fries (1849)

Depazea aesculicola (Fr.) Fr., Summa veg. Scand., Sec. Post.: 423, 1849.
≡ *Sphaeria aesculicola* Fr., Syst. mycol. (Lundae) **2**(2): 530, 1823.

Depazea alpina Fr., Summa veg. Scand., Sec. Post.: 423, 1849.
Note: A valid name (with description/diagnosis).

Depazea populicola Fr., Summa veg. Scand., Sec. Post.: 423, 1849, nom. nud.
Notes: Fries (l.c.) only added the note "a priori diversa".

Depazea punctiformis (Pers. : Fr.) Fr., Summa veg. Scand., Sec. Post.: 423, 1849.
≡ *Sphaeria punctiformis* Pers., Ann. Bot. (Usteri) **11**: 26, 1794 [: Fr., Syst. mycol. (Lundae) **2**(2): 525, 1823].
≡ *Mycosphaerella punctiformis* (Pers.) Starbäck, Bih. K. Svenska VetenskAkad. Handl., Afd. 3 **15**(2): 9, 1889.
= ***Ramularia endophylla*** Verkley & U. Braun, in Verkley et al., Mycol. Res. **108**(11): 1276, 2004.

Depazea vaccinii Fr., Summa veg. Scand., Sec. Post.: 422, 1849.
Notes: This is a validly published species with a diagnosis in a footnote.

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