Check-list of *Cladosporium* names

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Abstract: DUGAN, F.M., SCHUBERT, K. & BRAUN, U. (2004): Check-list of *Cladosporium* names. Schlechtendalia **11**: 1–103.

Names of species and subspecific taxa referred to the hyphomycetous genus *Cladosporium* are listed. Citations for original descriptions, types, synonyms, teleomorphs (if known), references of important redescriptions in literature, illustrations and notes are given. This list contains data for 772 *Cladosporium* names, i.e., valid, invalid, legitimate and illegitimate species, varieties and formae as well as herbarium names.

Zusammenfassung: DUGAN, F.M., SCHUBERT, K. & BRAUN, U. (2004): Checkliste der *Cladosporium*-Namen. Schlechtendalia **11**: 1–103.

Namen von Arten und subspezifischen Taxa der Hyphomycetengattung *Cladosporium* werden aufgelistet. Bibliographische Angaben zur Erstbeschreibung, Typusangaben, Synonyme, die Teleomorphe (falls bekannt), wichtige Literaturhinweise und Abbildungen sowie Anmerkungen werden angegeben. Die vorliegende Liste enthält Namen von 772 Taxa, d.h. gültige, ungültige, legitime und illegitime Arten, Varietäten, Formen und auch Herbarnamen.

Introduction:

Cladosporium Link (LINK 1816) is one of the largest genera of hyphomycetes, comprising 759 names, and also one of the most heterogeneous ones, which is not very surprising since all early circumscriptions and delimitations from similar genera were rather vague and imprecise (FRIES 1832, 1849; SACCARDO 1886; LINDAU 1907, etc.). All kinds of superficially similar cladosporioid fungi, i.e., amero- to phragmosporous dematiaceous hyphomycetes with conidia formed in acropetal chains, were assigned to *Cladosporium* s. lat., ranging from saprobes to plant pathogens as well as human-pathogenic taxa. DE VRIES (1952) and ELLIS (1971, 1976) maintained broad concepts of *Cladosporium*. ARX (1983), MORGAN-JONES & JACOBSEN (1988), MCKEMY & MORGAN-JONES (1990), MORGAN-JONES & MCKEMY (1990) and DAVID (1997) discussed the heterogeneity of *Cladosporium* and contributed towards a more natural circumscription of this genus. DAVID (1997) carried out detailed examinations of the conidiogenous loci and conidial hila of *Cladosporium* (incl. *Heterosporium* Klotzsch ex Cooke) species by means of SEM microscopy and showed that true species of the latter genus are confined to anamorphs of mycosphaerella-like ascomycetes with a unique scar type. The protuberant conidiogenous loci (scars) and conidial hila are characterised by having a central convex dome surrounded by a raised (coronate) rim. Molecular examinations of cladosporioid fungi, carried out during the course of the past decade, proved the heterogeneity of *Cladosporium* s. lat. and confirmed the ap-

proach of DAVID (1997), restricting this genus to species with coronate conidiogenous loci, and which are, as far as known, anamorphs of mycosphaerella-like ascomycetes. BRAUN et al. (2003) provided results of comprehensive ITS sequence analyses of cladosporioid fungi, summarised outcomes of molecular examinations published by other authors and discussed phylograms of cladosporium-like fungi in detail. Human-pathogenic cladophialophora-like hyphomycetes [Herpotrichiellaceae], *Sorocybe resinae* (Fr.) Fr. (*Amorphotheca resinae* Parbery) [Amorphothecaceae], *Alternaria malorum* (Rühle) U. Braun, Crous & Dugan (≡ *Cladosporium malorum* Rühle) [Pleosporaceae] and cladosporioid *Venturia* Sacc. anamorphs (*Fusicladium* Bonord.) [Venturiaceae] formed separate monophyletic clades and could be excluded from *Cladosporium* s. str. Within a big clade formed by members of the Mycosphaerellaceae, species with anamorphs belonging to the genus *Cladosporium* s. str. were shown to represent a sister clade to *Mycosphaerella* Johanson s. str. (with cercosporoid anamorphs). The teleomorph genus *Davidiella* Crous & U. Braun was proposed for species with anamorphs in *Cladosporium* s. str. The results of these examinations led to a reassessment and new phylogenetic circumscription of *Cladosporium* s. str. Now we are confronted with the challenge of ascertaining the true generic affinity of hundreds of names assigned to *Cladosporium* and compiling a comprehensive monograph of the genus. The following annotated list is a first step towards a monograph of *Cladosporium*.

List of names

This list encompasses names from SACCARDO (1882–1972), KIRK (1985), 'Botanischer Jahresbericht' (Vol. 1, for 1873, to 10, for 1882) and 'Just´s Botanischer Jahresbericht' (Vol. 11, for 1883, to 63, for 1935), OUDEMANS (1919–1924), 'Petrak´s Lists' (1920–1939), 'A Supplement to Petrak´s List' (1920–1939), 'Index of Fungi' (1940–2003), 'Index Fungorum' (http://www.indexfungorum.org/Names/Names.asp), plus names from other sources. All taxa which have been put into *Cladosporium* are alphabetically arranged, independent of their nomenclatural status as valid, invalid, legitimate, illegitimate or herbarium names. [If a name was found in herbarium or other records, but no place of publication is recorded, the specific epithet is also placed in alphabethical order within the list, along with the name of the author if known and the source of the name (herbarium label, catalog, etc.)]. The name of the genus (*Cladosporium*) is omitted except for synonyms in *Cladosporium*.

The list provides citations for original descriptions, types, synonyms, important redescriptions, commentaries and illustrations by subsequent authors. The names of authors and their abbreviations follow KIRK (2003), and those of periodicals are from LAWRENCE et al. (1968) and BRIDSON & SMITH (1991). Original data for the types (primarily in Latin, French, German or Italian) are translated into English. Other highly pertinent data or comments excerpted from SACCARDO (l.c.), 'Index of Fungi' and other sources are usually presented unaltered in original languages. Type specimens and ex-type cultures are noted as such when possible. Abbreviations of herbaria follow HOLMGREN et al. (1990) and abbreviations of culture col-

lections are from JONG et al. (1996). Names confirmed as applicable to *Cladosporium* s. str. and the current, accepted names for synonyms and excluded taxa are printed in bold. Host range and distribution data are only given for species of the latter category (if more specimens and records than the type collection are known). Inconsistencies and mistakes in the quotation of names and references have often been encountered in the original publications inspected. Therefore, we have tried to examine the original papers whenever possible. (These inspected original publications are marked by '**!**').
PFISTER (1985) and STAFLEU & COWAN (1976–1988) list herbaria containing specified sets of exsiccatae. KOHLMEYER (1962) was consulted with reference to specimens from Rabenhorst. STEVENSON (1971) was an important source of data dealing with the publication of numerous exsiccatae.

Abbreviations

General:
cf. = compare.
comb. inval. = combinatio invalida (invalid combination).
Ill. = illustrations.
Lit. = literature, references (important publications dealing with the species concerned, mostly with redescriptions).
nom. ambig. = nomen ambiguum (name having a different sense).
nom. anamorph. = nomen anamorphosis (anamorphic name).
nom. dub. = nomen dubium (name of uncertain sense).
nom. illeg. = nomen illegitimum (illegitimate name).
nom. inval. = nomen invalidum (invalid name).
nom. nov. = nomen novum (new name).
nom. nud. = nomen nudum (name without any description or diagnosis).
nom. prov. = nom. provisorium (name proposed provisionally)
nom. superfl. = nomen superfluum (superfluous name)
s. lat. = sensu lato (in a wide sense).
s. str. = sensu stricto (in a narrower sense).
T = type (typus).
! = original publication seen and checked.
Exsiccata:
Barthol., F. columb. = Bartholomew, Fungi columbiani.
Barthol., N. Am. F. = Bartholomew, North American Fungi.
Briosi & Cav., F. paras. = Briosi & Cavara, I funghi parassiti delle piante coltivate od utili, essicati, delineati e descritti.
Cooke, F. brit. exs. = Cooke, Fungi britannici exsiccati.
Desm., Pl. crypt. N. France = Desmazières, Plantes cryptogames Nord du France.
Ellis, N. Am. F. = Ellis, North American Fungi.
Ellis & Everh., F. columb. = Ellis & Everhardt, Fungi columbiani.
Erb. Critt. Ital. = Erbario Crittogamico Italiano.
Erikss., F. paras. scand. = Eriksson, Fungi parasitici scandinavici exsiccati.
Fuckel, F. rhen. = Fuckel, Fungi rhenani.
Herb. Mycol. Rom. = Herbarium Mycologicum Romanicum.
Jaap, F. sel. exs. = Jaap, Fungi selecti exsiccati.
Kab. & Bub., F. imp. exs. = Kabát & Bubák, Fungi imperfecti exsiccati.
Klotzsch, Herb. viv. myc. = Herbarium vivum mycologicum.
Lib., Pl. crypt. ard. = Libert, Plantae cryptogamicae guas in Arduenna collegit.

Petr., Mycoth. gen. = Petrak, Mycotheca generalis.
Rabenh., F. eur. = Rabenhorst, Fungi europaei exsiccati.
Rabenh., Herb. mycol. = Rabenhorst, Herbarium mycologicum.
Rav., F. amer. exs. = Ravenel, Fungi americani exsiccati.
Roum., F. gall. exs. = Roumeguère, Fungi gallici exsiccati.
Roum., F. sel. gall. exs. = Roumeguère, Fungi selecti gallici exsiccati.
Sacc., Mycoth. ital. = Saccardo, Mycotheca italica.
Sacc., Mycoth. ven. = Saccardo, Mycotheca veneta.
Syd., F. exot. exs. = H. Sydow, Fungi exotici exsiccati.
Syd., Mycoth. germ. = H. & P. Sydow, Mycotheca germanica.
Syd., Mycoth. march. = P. Sydow, Mycotheca marchica.
Thüm., F. austr. = de Thümen, Fungi austriaci.
Thüm., Herb. myc. oec. = de Thümen, Herbarium mycologicum oeconomicum.
Thüm., Mycoth. univ. = de Thümen, Mycotheca universalis.

abietinum (Pers.) Link, Ges. Naturf. Freunde Berlin Mag. Neuesten Entdeck. Gesammten Naturk. 7: 37 (1816)**!**.

T: on bark of *Pinus abies*.
≡ *Dematium abietinum* Pers., Neues Mag. Bot. 1: 121 (1794)**!**.
≡ *Sporotrichum abietinum* (Pers.) Link, Ges. Naturf. Freunde Berlin Mag. Neuesten Entdeck. Gesammten Naturk. 3: 13 (1809)**!**.
Lit.: DE VRIES (1952: 89).

abietinum Zukal, Verh. K. K. Zool.-Bot. Ges. Wien 37: 44–45 (1887)**!**, nom. illeg., homonym, non *C. abietinum* (Pers.) Link, 1816.

T: on moist tuber skins of *Solanum tuberosum* (Solanaceae), Austria, 1885, associated with *Chaetomium crispatum*.
≡ *Spondylocladium abietinum* Sacc., Syll. fung. 10: 662 (1892)**!**, as '(Zukal) Sacc.'.
Lit.: LINDAU (1910: 142, as synonym of '*Spondylocladium atrovirens* Harz').
Ill.: ZUKAL (1887: Tab. 1, Fig. 8).
Notes: Zukal's type, housed at GZU, could not be located there (personal communication with Christian Scheuer).

acaciae Panwar → *acaciicola*.

acaciae Reichert, Bot. Jahrb. Syst. 56: 720 (1921)**!**.

T: on dry fruits of *Acacia farnesiana* (Mimosaceae), Egypt, 'in insula Rhoda ad Kahiram', Feb. 1822/25, Ehrenberg (B).
Lit.: SACCARDO (1972: 1336).
Ill.: REICHERT (1921: Tab. 4, Fig. 2).

acaciicola M.B. Ellis, More Dematiaceous Hyphomycetes: 342 (1976)**!**.

T: from rhizosphere of *Acacia nilotica* subsp. *indica* (Mimosaceae), India, Rajastan, Jodhpur, sand dunes of Masuria (IMI 104172).
≡ *C. acaciae* Panwar, Curr. Sci. 39(18): 422 (1970)**!**, non *C. acaciae* Reichert, 1921.
Ill.: ELLIS (1976: 343, Fig. 260 A).

acerinum Noelli, Nuovo Giorn. Bot. Ital., N.S. 24(3): 195 (1917)**!**.

T: on branches of *Acer negundo* (Aceraceae), Italy, Piemont, Bruere (Rivoli), 29 Mar. 1915.
Lit.: SACCARDO (1931: 787).

acutum Ellis & Dearn., Proc. Canad. Inst., N.S., 1, 3: 91 (1897)**!**.

T: on fallen leaves of *Fraxinus* sp. (Oleaceae), Canada, Ontario, London, Victoria park, Oct./Nov. 1896 (DAOM).
Lit.: SACCARDO (1899: 1080).

adianticola R.F. Castañeda, Fungi Cubenses II: 3 (1987)**!**, as '*adianticolum*'.

T: on living leaves of *Adiantum* sp. (Adiantaceae), Cuba, prov. Matanzas, San Miguel de los Baños, 23 Jan. 1987, R.F. Castañeda (INIFAT C87/40: holotype).

Ill.: CASTAÑEDA (1987: Figs 3, 5).

aecidiicola Thüm., Mycoth. univ., Cent. IV, No. 373 (1876)**!**.

T: on aecia of rust on living leaves of *Euphorbia cyparissias* (Euphorbiaceae), Germany, Bavaria, Bayreuth, 1874, Thümen, Thüm., Mycoth. univ. 373 (e.g., B; BPI 426074; HAL; HBG; M-57483).

Lit.: SACCARDO (1886: 368, as '*aecidiicolum*'; 1913: 1371), LINDAU (1907: 806–807; 1910: 796), FERRARIS (1912: 350), GONZÁLES-FRAGOSO (1927: 211), ELLIS (1976: 330), ELLIS & ELLIS (1985: 571; 1988), BRAUN & ROGERSON (1995: 142).

Ill.: ELLIS (1976: 330, Fig. 248).

Host(s)/substrate(s) & distribution: on aecia of rusts including those of *Puccinia phragmitis* and *Uromyces limonii* on different host plants; Europe (Austria, Germany, Hungary, Italy, Montenegro, Romania, Switzerland), North America (USA).

Notes: BRAUN & ROGERSON (1995) mention the first record of the species from North America on aecia of *Puccinia grindeliae* on leaves of *Chrysothamnus viscidiflorus* var. *lanceolatus* as new host.

aequatoriense Petr., Sydowia 2: 380 (1948)**!**.

T: on living leaves of *Mikania* sp. (Asteraceae), Ecuador, prov. Pichincha, Guarumos near Nono, 17 Oct. 1937 (M).

aeruginosum F. Patt., Bull. Torrey Bot. Club 27: 284 (1900)**!**.

T: on living leaves of *Olea fragrans* (Oleaceae) affected by *Gloeosporium oleae*, USA, Department of Agriculture, greenhouse, Jan. 1900, F.W. Patterson (type in herb. of Division of Vegetable Physiology and Pathology, U.S. Department of Agriculture). Topotype: BPI 426094 (from 6 Feb. 1900).

Lit.: SACCARDO (1902: 1058).

agoseridis U. Braun & Rogerson, Sydowia 47(2): 142 (1995)**!**.

T: on living leaves of *Agoseris glauca* (Asteraceae), USA, Utah, Washington Co., northwest side of Pine Valley Mountain, northeast of Diamond Valley, vicinity of Mud Spring, 7 Jun. 1994, C.T. Rogerson (NY: holotype; HAL 1556: isotype).

Ill.: BRAUN & ROGERSON (1995: 143, Fig. 1).

albicans Hallier, Parasitologische Untersuchungen bezüglich auf die pflanzlichen Organismen bei Masern, Hungertypus, Darmtyphus, Blattern, Kuhpocken, Schafpocken, Cholera Nostra etc.: 27 (1868)**!**.

T: from man, causing parasitic stomatitis.

≡ *Cladosporium albicans* Hallier, Flora, Neue Reihe, 26(19): 293 (1868)**!**, nom. prov.

Ill.: HALLIER (1868b: Pl. II, Fig. 2).

Notes: Considered to be a state (morph) of *Oidium albicans* C.P. Robin [≡ *Candida albicans* (C.P. Robin) Berkhout] by HALLIER (1868b: 27); human pathogenic, undoubtedly not belonging to *Cladosporium* s. str. HALLIER (1866: 86) discussed this fungus under '*Stempylium polymorphum* ? (*Oidium albicans* auct.)'.

albiziae S.N. Khan & B.M. Misra, Indian Forester 125(7): 746 (1999)**!**.

T: on leaves of *Albizia lebbek* (Mimosaceae), India, Uttar Pradesh, Kalsi (Dehra Dun) (IMI 282484).

Ill.: KHAN & MISRA (1999: 745, Fig. 2).

Notes: The species described herein is allied to *C. psoraleae* M.B. Ellis (1976) but differs in its virulence, lesion formation and conidial characters (KHAN & MISRA 1999).

album Dowson, J. Roy. Hort. Soc. 49(2): 211 (1924).

T: on living leaves of *Lathyrus odoratus* (Fabaceae), Great Britain.

≡ *Hyalodendron album* (Dowson) Diddens, Zentralbl. Bakteriol., 2. Abt., 90: 316 (1934)**!**.

≡ *Ramularia alba* (Dowson) Nannf., in Lundell & Nannfeldt, Fungi exs. suec., Fasc. XXXIX–XL, No. 17 (1950)**!**.
= *Ramularia galegae* f. *lathyri* Ferraris, Malphigia 20: 153 (1906)**!**.
≡ *Ramularia lathyri* Ferraris, Flora Ital. Crypt., Pars I, Fungi: 812 (1913)**!**.
≡ *Ramularia lathyri* (Ferraris) Bubák, Ann. Mycol. 14: 350 (1916)**!**.
= *Ramularia lathyri* Hollós, Bot. Közlem. 1910, 2: 112 (1910)**!**.
= *Ramularia deusta* f. *odorati* W.C. Snyder & W.H. Davis, Mycologia 42: 417 (1950)**!**.
= ***Ramularia deusta*** [(Fuckel) Karak.] var. ***alba*** U. Braun, Nova Hedwigia 56: 429 (1993)**!**.
Lit.: BRAUN (1998: 157).

algarum Cooke & Massee, in Cooke, Grevillea 16(79): 80 (1888)**!**.
T: on rotting fronds of *Laminaria flexicaulis* (= *Laminaria digitata*) (Laminariaceae), Great Britain, Sussex, Hastings, Bexhill [as 'Baxhill'], Dec. 1887, E.M. Holmes (K: lectotype, selected by Kohlmeyer; isolectotypes: NY 72455, 72456).
≡ *Heterosporium algarum* (Cooke & Massee) Cooke & Massee, in Cooke, Grevillea 18(88): 74 (1890)**!**.
= ***Cladosporium herbarum*** [(Pers.: Fr.) Link] var. ***macrocarpum*** (Preuss) M.H.M. Ho & Dugan, in Ho, Castañeda, Dugan & Jong, Mycotaxon 72: 131 (1999)**!**.
Lit.: KOHLMEYER & KOHLMEYER (1979: 482), DAVID (1997: 71–73).

algeriense (Montpell. & Catanei) Vuill., Champ. paras.: 78 (1931)**!**.
T: isolated from man.
≡ *Hormodendrum algeriense* Montpell. & Catanei, Ann. Dermatol. Syphiligr., Sér. 6, 8: 626–635 (1927).
Lit.: DODGE (1935: 845), DE HOOG et al. (2000: 1014).
Notes: DE HOOG et al. (2000) describe it as a doubtful species close to or identical with *Fonsecaea pedrosoi* (Brumpt) Negroni [current name *Phialophora pedrosoi* (Brumpt) Redaelli & Cif.].

allii (Ellis & G. Martin) P.M. Kirk & J.G. Crompton, Pl. Pathol. 33: 320 (1984)**!**.
T: on leaves of *Allium vineale* (Alliaceae), USA, New Jersey, Newfield, Jun. 1882, Ellis collection No. 3608a (NY: neotype, selected by KIRK & CROMPTON, 1984; IMI 270432, slide).
≡ *Heterosporium allii* Ellis & G. Martin, J. Mycol. 1: 100 (1885)**!**.
= *Heterosporium ornithogali* var. *allii-porri* Sacc. & Briard, in Briard, Rev. Mycol. (Toulouse) 8: 25 (1886)**!**. [T: PAD].
≡ *Heterosporium allii* var. *allii-porri* (Sacc. & Briard) Sacc., Syll. fung. 4: 480 (1886)**!**.
≡ *Heterosporium allii-porri* (Sacc. & Briard) Nicolas & Aggéry, Rev. Pathol. Vég. Entomol. Agric. France 14: 197 (1927).
≡ *Cladosporium allii-porri* (Sacc. & Briard) Boerema, Verslagen Meded. Plantenziektenk. Dienst Wageningen 152: 15, 1977 (1978)**!**.
≡ *Heterosporium allii-porri* (Sacc. & Briard) Arx, Genera Fungi Sporul. Pure Cult., ed. 3: 305 (1981)**!**, comb. inval.
= *Heterosporium allii* var. *allii-sativi* Bontea & Dumitraş, Rev. Roumaine Biol., Sér. Bot. 12(6): 389 (1967)**!**. [T: ?BUCM; K; IMI].
Teleomorph: ? *Didymellina intermedia* Cif., Not. Malatt. Piante 2: 6–7 (1949) (not confirmed).
Lit.: KIRK (1986a), DAVID (1997: 29–33), HO et al. (1999: 116–118).
Ill.: KIRK & CROMPTON (1984: 321, Fig. 3), DAVID (1997: 31, Fig. 4; 32, Fig. 5 A–C).
Host(s)/substrate(s) & distribution: on leaves of *Allium* including *A. ampeloprasum*, *A. ascalonicum*, *A. canadense*, *A. fistulosum*, *A. oleraceum*, *A. porrum*, *A. sativum*, *A. schoenoprasum* (including *A. sibiricum*), *A. scorodoprasum*, *A. vallidum*, *A. vineale*; Europe (Belgium, Czech Republic, Denmark, France, Germany, Great Britain, Greece, Latvia, Norway, Romania, Russia, Ukraine), Asia [Armenia, China, Georgia, Japan, Kazakhstan, Russia (Amur Oblast)], North America (Canada, USA).
Notes: In OUDEMANS (1919) *Kniphofia uvaria* (Asphodeliaceae) is mentioned as host of *Heterosporium allii*, which is very doubtful.

allii-cepae (Ranoj.) M.B. Ellis, More Dematiaceous Hyphomycetes: 337 (1976)**!**.

T: on dying stems of *Allium cepa* (Alliaceae), Serbia, Sumadija, Rebschule von Veliko Oraschje, Jun. 1905, N. Ranojević (BPI: holotype; IMI 270434, slide ex herb. BPI).

≡ *Heterosporium allii-cepae* Ranoj., Ann. Mycol. 8: 399 (1910)**!**.

= ?*Heterosporium allii* var. *cepivorum* Nicolas & Aggéry, Rev. Pathol. Vég. Entomol. Agric. France 14: 197 (1927).

Teleomorph: *Davidiella allii-cepae* (M.M. Jord., Maude & Burchill) Crous & U. Braun, in Braun, Crous, Dugan, Groenewald & de Hoog, Mycol. Progr. 2(1): 10 (2003)**!**.

Lit.: ELLIS & ELLIS (1985: 305), KIRK (1986b), DAVID (1997: 33–34).

Ill.: KIRK & CROMPTON (1984: 322, Fig. 4; 323, Fig. 5), SHIN (1995: 92, Fig. 1 a–d), DAVID (1997: 32, Fig. 5 D–G; 35, Fig. 6).

Host(s)/substrate(s) & distribution: usually *Allium cepa*, also *A. fistulosum*; Asia (India, Korea, Japan), Europe (Great Britain, Greece, Ireland, Norway, Serbia), North America (USA?).

alliicola H.D. Shin & U. Braun, Korean J. Mycol. 23(2): 141 (1995)**!**.

T: on *Allium victorialis* var. *platyphyllum* (Alliaceae), Korea, Suwon, 3 Sept. 1993, H.D. Shin (SMK 12597: holotype; HAL 1533: isotype; SMK 12761: paratype).

= ***Cladosporium victorialis*** (Thüm.) U. Braun & H.D. Shin, in Braun & Melnik, Proc. Komarov Bot. Inst. (St. Petersburg) 20: 101 (1997)**!**.

Ill.: SHIN & BRAUN (1995: 140, Fig. 1; 141, Fig. 2 a–b).

allii-porri (Sacc. & Briard) Boerema, Verslagen Meded. Plantenziektenk. Dienst Wageningen 152: 15, 1977 (1978)**!**.

T: on dead leaves of *Allium porrum* (Alliaceae), France, Troyes, Briard (PAD: holotype).

≡ *Heterosporium ornithogali* var. *allii-porri* Sacc. & Briard, in Briard, Rev. Mycol. (Toulouse) 8: 25 (1886)**!**.

≡ *Heterosporium allii* var. *allii-porri* (Sacc. & Briard) Sacc., Syll. fung. 4: 480 (1886)**!**.

≡ *Heterosporium allii-porri* (Sacc. & Briard) Nicolas & Aggéry, Rev. Pathol. Vég. Entomol. Agric. France 14: 197 (1927).

≡ *Heterosporium allii-porri* (Sacc. & Briard) Arx, Genera Fungi Sporul. Pure Cult., ed. 3: 305 (1981), comb. inval.

= ***Cladosporium allii*** (Ellis & G. Martin) P.M. Kirk & J.G. Crompton, Pl. Pathol. 33: 320 (1984)**!**.

Lit.: DAVID (1997: 29–30), HO et al. (1999: 116–118).

Ill.: HO et al. (1999: 117, Fig. 1).

alliorum Hanzawa, Mycol. Centralbl. 5: 11 (1914)**!**.

T: on leaves of *Allium cepa* (Alliaceae), Japan, Sapporo.

Lit.: SACCARDO (1931: 793).

Ill.: HANZAWA (1914: 6, Fig. 2).

Notes: HANZAWA (1914) described the species as closely related to *Cladosporium herbarum* but distinct by having somewhat swollen conidiophores and thick conidia.

alnicola Bubák & Vleugel, in Vleugel, Svensk Bot. Tidskr. 11(3–4): 322 (1917)**!**, nom. illeg., homonym, non *C. alnicola* Corda, 1837.

T: on *Alnus incana* var. *borealis* (Betulaceae), Sweden, prov. Vesterbotten, Umeå, Sept.1911, J. Vleugel (BPI 426104: holotype).

Lit.: SACCARDO (1931: 789).

alnicola Corda, Icon. fung. 1: 14 (1837)**!**, as '*alnicolum*'.

T: on rotten wood of *Alnus* sp. (Betulaceae), Czech Republic (PRM).

≡ *Didymotrichum alnicola* (Corda) Bonord., Handb. Mykol.: 89 (1851)**!**.

= ***Cladosporium herbarum*** (Pers.: Fr.) Link, Ges. Naturf. Freunde Berlin Mag. Neuesten Entdeck. Gesammten Naturk. 7: 37 (1816)**!**.

Lit.: SACCARDO (1886: 354, as '*alnicolum*'), LINDAU (1907: 819), OUDEMANS (1920), HUGHES (1958: 750).

Ill.: CORDA (1837: Tab. 4, Fig. 211).

alopecuri (Ellis & Everh.) U. Braun, Schlechtendalia 5: 32 (2000)**!**.

T: on *Alopecurus geniculatus* (Poaceae), USA, Columbia Falls, Montana, 20 May 1887, B.T. Galloway (NY: holotype).

≡ *Fusicladium alopecuri* Ellis & Everh., J. Mycol. 4: 53 (1888)**!**.

Ill.: BRAUN (2000: 33, Fig. 2).

Notes: In FARR et al. (1989) *Malus sylvestris* (USA, MT) is given as a further host of the species, which is very doubtful.

alpiniae T. Zhang & Z.Y. Zhang, Plant Diseases and Their Control: 108 (1998).

T: on *Alpinia* (Zingiberaceae), China.

Ill.: ZHANG et al. (2003: 38, Fig. 12).

Notes: We have not seen the original publication. Therefore, it is not yet possible to give the exact data for the type collection. ZHANG et al. (2003) cited three hosts, viz., *Alpinia galanga*, *A. zerumbet* and *Zingiber officinale*.

alternicoloratum R.F. Castañeda & W.B. Kendr., Univ. Waterloo Biol. Ser. 35: 20 (1991)**!**.

T: on leaves and stems of *Cyperus alternifolium* (Cyperaceae), Cuba, Pinar del Río, Cuchillas de San Simón, 24 Mar. 1990, R.F. Castañeda (INIFAT C90/129: holotype).

Ill.: CASTAÑEDA & KENDRICK (1991: 21, Fig. 10).

amaranticola Opiz, Lotos 5: 41 (1855)**!**, nom. nud.

T: on *Amaranthus retroflexus* (Amaranthaceae), Czech Republic, Prag, park Stromovka, 5 Jan. 1853, Opiz (PRM).

Lit.: LINDAU (1907: 832).

ambrosiae House, in herb.

On dead stems of *Ambrosia trifida* (Asteraceae), USA, New York, Albany Co., Selkirk, 10 Apr. 1925, H.D. House (NYS).

americanum H.C. Greene, Amer. Midl. Naturalist 41(3): 723 (1949)**!**.

T: on living leaves of *Prunus americana* (Rosaceae), USA, Wisconsin, Dane Co., Madison, University of Wisconsin Arboretum, 18 Sept. 1944, H.C. Greene (BPI 426105; WIS).

Lit.: BRAUN (2001: 53).

Notes: Species seems to be very close to and possibly identical with *Cladosporium cladosporioides* (Fresen.) G.A. de Vries (BRAUN 2001).

amoenum R.F. Castañeda, in Untereiner et al., BCCM MUCL Agro-industrial fungi-yeasts (1998), nom. nud.

T: on fallen leaves of *Eucalyptus* sp. (Myrtaceae), Cuba, Santiago de Cuba, La Gran Piedra, 2 Nov. 1994, R.F. Castañeda (HO et al. 1999: 117, Figs 2–3: iconotype; ATCC 200947: epitype; CBS 254.95, IMI 367525, INIFAT C94/155, MUCL 39143: isoepitypes).

≡ ***Anungitopsis amoena*** R.F. Castañeda & F.M. Dugan, in Ho, Castañeda & Dugan, Mycotaxon 72: 118 (1999)**!**.

amorphae Thüm., Rev. Mycol. (Toulouse) 1: 59 (1879)**!**.

T: on dead stems of *Amorpha herbacea* (Fabaceae), USA, South Carolina, Aiken, H.W. Ravenel, Thüm., Mycoth. univ. 1572 (e.g., BPI 426106; BR-MYC 81368,82; HAL; M; NY).

Lit.: SACCARDO (1886: 362).

ampelinum Pass., Erb. Critt. Ital., Ser. 2, No. 595 (1872)**!**.

T: on leaves of *Vitis* sp. (Vitaceae), Italy, Erb. Critt. Ital. 595 (E; IMI 112146).

= ***Pseudocercospora vitis*** (Lév.) Speg., Anales Mus. Nac. Buenos Aires 20: 438 (1910)**!**.

Lit.: SACCARDO (1886: 458), LINDAU (1910: 116), OUDEMANS (1921), SIVANESAN (1984: 210), CROUS & BRAUN (2003: 427).

Notes: see *C. vitis* (Lév.) Sacc.

amphitrichum Sacc., Syll. fung. 4: 354 (1886)**!**.

T: on rotten wood of *Pinus* sp. (Pinaceae), Czech Republic, near Reichenberg (PRM).

≡ *Amphitrichum olivaceum* Corda, Icon. fung. 1: 16 (1837)**!**, non *C. olivaceum* (Corda) Bonord., 1851.

Lit.: LINDAU (1907: 811).
Ill.: CORDA (1837: Tab. 4, Fig. 221).

anomalum Berk. & M.A. Curtis, in Berkeley, J. Linn. Soc., Bot. 10: 362 (1869)**!**.
T: on the underside of leaves of a Malvaceae, Cuba, C. Wright, Fungi cubensis Wrightiani, No. 639 (K).
≡ ***Pseudocercospora anomala*** (Berk. & M.A. Curtis) de Hoog, Persoonia 15(1): 68 (1992)**!**.
Lit.: SACCARDO (1886: 363).
Notes: Authentic material is also deposited at PC (C. Wright collection, 1870, North Pacific Expedition 1853–56).

anonae Nann., Atti Reale Accad. Fisiocrit. Siena, Ser. 10, 4(1–2): 91 (1929)**!**.
T: on living leaves of *Annona* sp. (Annonaceae), Italy, Siena, botanical garden, Aug. 1928 (SIENA).
Lit.: SACCARDO (1972: 1336).

antillanum R.F. Castañeda, Fungi Cubensis II: 3 (1987)**!**.
T: on fallen leaves of *Clusia rosea* (Clusiaceae), Cuba, prov. Guantánamo, Imias, 3 May 1986, Mayra Camino (INIFAT C86/128: holotype).
Ill.: CASTAÑEDA (1987: Fig. 6).

aphidis Thüm., Herb. myc. oec., Fasc. X, No. 484 (1877)**!**, with description on the label.
T: on dead carcass of *Aphis symphyti* (Homoptera, Aphididae) on leaves of *Symphytum officinale*, Austria, Klosterneuburg, Aug. 1875, Thümen, Thüm., Herb. myc. oec. 484 (e.g., M).
= *Cladosporium aphidis* Thüm., Oesterr. Bot. Z. 27: 12 (1877)**!**, homonym.

aphidis Thüm., Oesterr. Bot. Z. 27: 12 (1877)**!**, homonym.
T: on dead carcass of *Aphis symphyti* (Homoptera, Aphididae), Austria, Klosterneuburg, Aug. 1876, Thümen, Thüm., Mycoth. univ. 672 (e.g., HAL; M; Univ. Mich. Fungus Collection).
= *Cladosporium aphidis* Thüm., Herb. myc. oec., Fasc. X, No. 484 (1877)**!**.
Lit.: SACCARDO (1886: 369), LINDAU (1907: 830), FERRARIS (1912: 351), LIND (1913: 522).

aphidis [Thüm.] var. *muscae* Briard & Har., Rev. Mycol. (Toulouse) 12: 132 (1890)**!**.
T: on dead carcass of fly (*Musca*), France, Méry-sur-Seine, P. Hariot.
Lit.: SACCARDO (1892: 605).

apicale Berk. & Broome, J. Linn. Soc., Bot. 14: 99, 1873 (1875)**!**.
T: on leaves of *Cycas circinalis* (Cycadaceae), India, Ceylon, Peradeniya, Jan. 1868, G.H.K. Thwaites (K 121544: isotype).
Lit.: SACCARDO (1886: 367), ELLIS (1976: 332).
Ill.: ELLIS (1976: 334, Fig. 252 A).
Notes: DE & CHATTOPADHYAY (1994) describe and illustrate this species from West Bengal, India, on *Swietenia mahogoni* (Meliaceae) [IMI 209595].

apiculatum Berk., in herb.
On *Helianthus* sp. (Asteraceae), USA, Carolina (K).
Lit.: SACCARDO (1895: 621).

aquilinum, in herb.
On *Pteridium* sp. (Dennstaedtiaceae); on *Pteridium* and *Salib*., Northampton (PH).

araguatum (Syd.) Arx, Genera Fungi Sporul. Pure Cult., ed. 2: 224 (1974)**!**.
T: on living leaves of *Pithecellobium lanceolatum* (Mimosaceae), Venezuela, Aragua, La Victoria, between La Victoria and Suata, Jan. 1928, H. Sydow (BPI 443420, 443421, 443422; IMI 15728, IMI 34905).
≡ ***Stenella araguata*** Syd., Ann. Mycol. 28: 205 (1930)**!**.
= *Cladosporium castellanii* Borelli & Marcano, Castellania 1(5): 154 (1973). [T: IMI].
Lit.: MCGINNIS & PADHYE (1978).

araliae Sawada, Rep. Gov. Res. Inst. Formosa 85: 91 (1943)**!**, nom. inval.
T: on *Aralia decaisneana* (Araliaceae), Taiwan, 26 Nov. 1928, K. Sawada (BPI 426122; PPMH: syntypes).

arcticum Berl. & Voglino, Syll. fung. 4a: 170 (1886)**!**.
T: on *Epilobium latifolium* (Onagraceae), Danmark, Greenland, Kaiser-Franz-Joseph-Fjord.
Lit.: SACCARDO (1891: 882).
Notes: The species is described by BERLESE & VOGLINO (1886) as anamorphic state of *Pleospora arctica* Fuckel.

argillaceum Minoura, J. Ferment. Technol. 44: 140 (1966)**!**.
T: isolated from a decayed myxomycete, Japan, Yaku Island, 21 Oct. 1961, K. Tubaki (Dept. Fermentation Technology, Faculty Engineering, Osaka, Japan). ATCC 38103 (= CBS 241.67) (Ex-type).
Ill.: MINOURA (1966: 142, Fig. 6 E).

aristolochiae H. Zhang & Z.Y. Zhang, Mycosystema 17(4): 304 (1998)**!**.
T: on living leaves of *Aristolochia kwangsiensis* (Aristolochiaceae), China, Hubei, Wuchang, 22 Sept. 1980, J.Y. Li & T.Y. Zhang (MHYAU 03956: holotype).
Ill.: ZHANG & ZHANG (1998: 304, Fig. 1).

aromaticum Ellis & Everh., Proc. Acad. Nat. Sci. Philadelphia 47(3): 439 (1895)**!**.
T: on living leaves of *Rhus aromatica* (Anacardiaceae), USA, California, Pasadena, Aug. 1894, A.J. McClatchie (BPI 426124; NY).
= ? *Cladosporium nervale* Ellis & Dearn., in Barthol., F. columb., Cent. XXI, No. 2010 (1905)**!**.
Lit.: SACCARDO (1899: 1079), CASH (1952: 69).

artemisiae H.C. Greene, Amer. Midl. Naturalist 48(3): 757 (1952)**!**.
T: on living leaves of *Artemisia caudata* (Asteraceae), USA, Wisconsin, Dane Co., Madison, University of Wisconsin Arboretum, sandy slope, 7 Jul. 1951, H.C. Greene (BPI 426134; WIS: syntypes).

arthoniae M.S. Christ. & D. Hawksw., in Hawksworth, Bull. Brit. Mus. (Nat. Hist.), Bot. 6(3): 210 (1979)**!**.
T: on apothecia of *Arthonia impolita* (Arthoniaceae) on *Quercus* (Fagaceae), Sweden, Skåne, Genarp, Häckeberga, 24 Apr. 1946, M. Skytte Christiansen (herb. Christiansen 570: holotype).
Ill.: HAWKSWORTH (1979: 211, Fig. 10).

arthrinioides Thüm. & Beltr., in Thümen, Nuovo Giorn. Bot. Ital. 8: 252 (1876)**!**.
T: on living and wilted leaves of *Bougainvillea spectabilis* (Nyctaginaceae), Italy, Sicily, Palermo, botanical garden, Mar. 1875, V. Beltrani-Pisani, Thüm., Mycoth. univ. 873 [BPI 426137 type?; University of Michigan Fungus Collection: isotype (?); HAL; M].
Lit.: SACCARDO (1886: 359), FERRARIS (1912).

artocarpi Gonz. Frag. & Cif., Bol. Soc. Esp. Hist. Nat. 25: 366 (1925)**!** and Publ. Estac. Agron. Haina, Ser. B, Bot. 1: 14 (1925).
T: on faded leaves of *Artocarpus incisa* (Moraceae), Dominican Republic, near Haina, 19 Apr. 1925, R. Ciferri (MA 06393: holotype).

arundinaceum Mont., Ann. Sci. Nat. Bot., Sér. 3, 12: 299 (1849)**!**.
T: on sheaths and leaves of *Arundo mauritanica* (Poaceae), France, Marseille, Castagne.
Lit.: SACCARDO (1886: 364).

arundinaceum P. Karst. – OUDEMANS (1924). An error, *Clasterosporium* was intended.

arundinicola Berl., Riv. Patol. Veg. 4: 19 (1895)**!**, as '*arundinicolum*'.
T: on rotting culms of *Arundo donax* (Poaceae), Italy, Avellino.
Lit.: SACCARDO (1913: 1371), FERRARIS (1914: 883), GONZÁLES-FRAGOSO (1927: 210).
Ill.: BERLESE (1895: Tab. 3, Fig. 17).

arundinis (Corda) Sacc., Syll. fung. 4: 364 (1886)**!**.

T: on rotten stems of *Arundo* sp. (Poaceae), Czech Republic, Prag, Lieben, Corda (PRM 155582).

≡ *Myxocladium arundinis* Corda, Icon. fung. 1: 12 (1837).

= ***Cladosporium herbarum*** (Pers.: Fr.) Link, Ges. Naturf. Freunde Berlin Mag. Neuesten Entdeck. Gesammten Naturk. 7: 37 (1816)**!**.

Lit.: LINDAU (1907: 814), HUGHES (1958: 750), ZHANG et al. (1998: 196).

Ill.: CORDA (1837: Tab. 3, Fig. 172), ZHANG et al. (1998: 196, Fig. 2).

Notes: ZHANG et al. (1998) treated *C. arundinis* as a distinct species and not as a synonym of the widespread *Cladosporium herbarum*.

asperococcum Oudem., in Roum., F. gall. exs., Cent. XXXXVI, No. 4592 (1888)**!**.

T: on dead branches of *Sambucus nigra* (Caprifoliaceae), the Netherlands, La Haye, May 1888, C. Destrée, Roum., F. gall. exs. 4592 (L; FH).

Lit.: OUDEMANS (1923; 1924, as '*asperococcos*').

Notes: 'Contrib. Fl. Myc. Pays-Bas.', given on the label as place of publication.

astericola Davis, Trans. Wisconsin Acad. Sci. 20: 428 (1922)**!**.

T: on upper leaves and upper portions of stems of *Aster umbellatus* (Asteraceae), USA, Wisconsin, Mellen, 4 Aug. 1919, J.J. Davis (WIS; BPI 426143: syntypes).

asterinae Deighton, Mycol. Pap. 118: 30 (1969)**!**.

T: on colonies of *Asterina contigua* (Asterinaceae) on leaves of *Dialium dinklagei* (Caesalpiniaceae), Sierra Leone, Kenema (Nongowa), 6 Dec. 1937, F.C. Deighton (IMI 11851b).

Lit.: ELLIS (1976: 331), KHAN & SHAMSI (1982: 111–112).

Ill.: DEIGHTON (1969: 31, Fig. 17), ELLIS (1976: 332, Fig. 250 A), KHAN & SHAMSI (1982: 112, Fig. 1).

asteroma Fuckel, Jahrb. Nassauischen Vereins Naturk. 23–24: 355 '1869' (1870)**!**.

T: on living leaves of *Populus tremula* (Salicaceae), Germany, between Homburg and Wehrheim, Fuckel, F. rhen. 2208 (e.g., HAL).

≡ *Napicladium asteroma* (Fuckel) Allesch., Ber. Bayer. Bot. Ges. 5: 25 (1897)**!**.

≡ *Napicladium asteroma* (Fuckel) Sacc., Malphigia 17: 421 (1902)**!**.

= *Oidium radiosum* Lib., Pl. crypt. ard., Fasc. 3, 285 (1834). [T: BR; Lib., Pl. crypt. ard. 285].

≡ ***Fusicladium radiosum*** (Lib.) Lind var. ***radiosum***, Ann. Mycol. 3: 430 (1905)**!**.

≡ *Fusicladium radiosum* (Lib.) Lindau, in Rabenhorst, Krypt.-Fl., ed. 2, 1(8): 777 (1907)**!**.

≡ *Stigmina radiosa* (Lib.) Goid., Ann. Bot. (Rome) 21: 11 (1936).

≡ *Pollaccia radiosa* (Lib.) E. Bald. & Cif., in E. Baldacci, Atti Ist. Bot. "Giovanni Briosi" 10: 61 (1937)**!**.

≡ *Venturia radiosa* (Lib.) Ferd. & C. A. Jørg., Skovtraeernes Sygdomme 1: 125 (1938) (nom. anamorph.).

= *Cladosporium ramulosum* Roberge ex Desm., Ann. Sci. Nat. Bot., Sér. 2, 18: 361 (1852)**!**, non Reissek, 1851. [T: PC].

≡ *Fusicladium ramulosum* Rostr., Tidsskr. Skovbr. 6: 294 (1883), nom. nov., as '(Roberge, in Desm.) Rostr.'.

≡ *Pollaccia ramulosa* (Rostr.) Ondřej, Eur. J. Forest Pathol. 2: 143 (1972)**!**, nom. nov., as '(Desm.) Ondřej'.

= ? *Cladosporium asteroma* [Fuckel] var. *macrosporum* Sacc., Michelia 2(6): 126 (1882)**!**.

= *Fusicladium tremulae* A.B. Frank, Hedwigia 22: 127 (1883)**!**. [T: B].

≡ *Napicladium tremulae* (A. B. Frank) Sacc., Syll. fung. 4: 482 (1886)**!**.

= ? *Cladosporium asteroma* [Fuckel] var. *microsporum* Sacc., Syll. fung. 4: 357 (1886)**!**.

≡ *Fusicladium radiosum* [(Lib.) Lindau] var. *microsporum* (Sacc.) Lindau, in Rabenhorst, Krypt.-Fl., ed. 2, 1(8): 777 (1907)**!**.

= *Fusariella populi* Garb., Bull. Soc. Mycol. France 33: 89 (1917).

Teleomorph: *Venturia tremulae* Aderh., Hedwigia 36: 81 (1897)**!** var. *tremulae*.

Lit.: SACCARDO (1886: 357; 1913: 1376), LINDAU (1907: 777), LIND (1913: 520), BALDACCI & CIFERRI (1937: 61), SIVANESAN (1984: 618), SCHUBERT et al. (2003: 85).

asteroma [Fuckel] var. *macrosporum* Sacc., Michelia 2(6): 126 (1880)**!**.

T: on leaves of *Populus alba* (Salicaceae), France.

= ? ***Fusicladium radiosum*** (Lib.) Lind, Ann. Mycol. 3: 429 (1905)**!**.

Lit.: SCHUBERT et al. (2003: 85).

asteroma [Fuckel] var. *microsporum* Sacc., Syll. fung. 4: 357 (1886)**!**.

T: on leaves of *Populus tremula* (Salicaceae), Italy, Conegliano.

= ? ***Fusicladium radiosum*** (Lib.) Lind, Ann. Mycol. 3: 429 (1905)**!**.

Lit.: LINDAU (1907: 777), BALDACCI & CIFERRI (1937: 61), SIVANESAN (1984: 618), SCHUBERT et al. (2003: 85).

asteromatoides Sacc., in Saccardo & Berlese, Atti Reale Ist. Veneto Sci. Lett. Arti, Ser. 6, 3(4): 722 (1885)**!**.

T: on legumes of *Erythrina* sp. (?) (Caesalpiniaceae), Tahiti, G. Brunaud, May 1884, G. Brunaud, Roum., F. gall. exs. 3292 (e.g., B).

≡ *Cladosporium asteromatoides* Sacc. & Roum., in Roum., F. gall. exs., Cent. 33, No. 3292 (1885)**!**, nom. illeg., homonym [host given as '*Cassia* sp.' and authors as 'Sacc. & Roum.'].

Lit.: SACCARDO (1886: 353).

astroideum Ces., Flora 36: 204 (1853)**!**.

T: on stems of *Alisma* sp. (Alismataceae), on stems and leaves of *Typha* sp. (Typhaceae), Italy, 1852, Cesati, Klotzsch, Herb. viv. myc., No. 1787, mixed infection with *Cladosporium lanciforme* Ces. (e.g., B; HAL; M).

Lit.: SACCARDO (1886: 366), LINDAU (1907: 813), FERRARIS (1912: 337), ZHANG et al. (1999: 37–38).

Ill.: ZHANG et al. (1999: 37, Fig. 2).

Notes: ZHANG et al. (1999) describe this species as causing leaf spots on *Sagittaria sagittifolia* (Alismataceae) from China.

aterrimum Ellis & Everh., Proc. Acad. Nat. Sci. Philadelphia 47: 378 (1895)**!**.

T: on rotten wood, USA, Kansas, Rockport, Nov. 1893, E. Bartholomew, No. 1256 (NY 313201; BPI 426152).

= *Helminthosporium binum* Corda, Icon. fung. 6: 9 (1854), as '*Helmisporium*'. [T: PRM].

≡ *Scolecotrichum binum* (Corda) Sacc., Syll. fung. 4: 349 (1886).

≡ ***Spadicoides bina*** (Corda) S. Hughes, Canad. J. Bot. 36: 806 (1958)**!**, as '*binum*'.

= *Virgaria uniseptata* Berk. & M.A. Curtis, in Berkeley, Grevillea 3(28): 145 (1875)**!**. [T: K; NYS].

≡ *Cladotrichum uniseptatum* (Berk. & M.A. Curtis) Sacc., Syll. fung. 4: 373 (1886)**!**.

≡ *Scolecotrichum uniseptatum* (Berk. & M.A. Curtis) Cooke, Grevillea 17(82): 41 (1888)**!**.

≡ *Diplococcium uniseptatum* (Berk. & M.A. Curtis) S. Hughes, Canad. J. Bot. 31: 634 (1953)**!**.

= *Cladotrichum simplex* Sacc., Ann. Mycol. 4: 278 (1906). [T: PAD].

= *Cladotrichum tapesiae* Sacc., Ann. Mycol. 6: 565 (1908).

Lit.: SACCARDO (1895: 620), CASH (1952: 68), HUGHES (1953: 634), ELLIS (1963: 89).

atriellum Cooke, Grevillea 6(40): 139 (1878)**!**.

T: on decayed fruits of *Yucca aloifolia* (Agavaceae), USA, South Carolina, Aiken, Rav., F. amer. exs. 296 (K; NY; PH).

Lit.: SACCARDO (1886: 366).

atriplicis Massee & Rodway, in herb. (?).

On *Atriplex cinerea* (Chenopodiaceae), Australia, Tasmania.

atroseptum Pidopl. & Deniak, in Pidoplichko, Gribnaja Flora Grubych Kormov: 268 (1953)**!**, nom. inval.

T: isolated from damp straw, Ukraine.

Ill.: PIDOPLICHKO (1953: 268, Fig. 69).

atrum Link, Ges. Naturf. Freunde Berlin Mag. Neuesten Entdeck. Naturk. 7: 38 (1816)**!**: Fr., Syst. mycol. 3(2): 371 (1832)**!**.

T: on dry stems of a herbaceous plant, Germany, Berlin, Link (B: examined by Hughes).

= *Dematium herbarum* δ *lignorum* Alb. & Schwein., Consp. fung. lusat.: 368 (1805)**!**.

Lit.: SACCARDO (1886: 362), LINDAU (1907: 831), HUGHES (1958: Mycelia sterilia).

aureum Link, Ges. Naturf. Freunde Berlin Mag. Neuesten Entdeck. Gesammten Naturk. 7: 38 (1816)**!**.

T: on rocks, sent by Nees von Esenbeck.

Notes: In NEES (1817): "*Cladosporium aureum* Link ... bildet mit *Dematium petraeum* und *strigosum* Pers. eine eigene, den Lichenen beizuordnende Gattung, die ich *Amphiconium* nenne.". The genus *Amphiconium* Nees is synonymous with *Trentepohlia* Martius.

auriculae (Cooke) J.C. David, Mycol. Pap. 172: 98 (1997)**!**.

T: on leaves of *Primula auricula* (Primulaceae), Great Britain, Royal Horticultural Society (K).

≡ *Heterosporium auriculae* Cooke, J. Roy. Hort. Soc. 27: 380 (1902).

Ill.: DAVID (1997: 84, Fig. 19 A–D).

autumnale Kübler, Arch. Sci. Phys. Nat., Sér. 3, 2: 699 (1879)**!**.

T: on leaves of *Vitis* sp. (Vitaceae), Switzerland, 1876, M. Kübler.

avellaneum G.A. de Vries, Contr. Knowl. Genus *Cladosporium*: 56 (1952)**!** (f. *avellaneum*).

T: isolated from 'Nivea' ointment, the Netherlands, Utrecht, 19 May 1947 (ATCC 11273 = CBS 186.54 = IMI 49620).

≡ *Cladosporium resinae* [(Lindau) G.A. de Vries] f. *avellaneum* (G.A. de Vries) G.A. de Vries, Antonie van Leeuwenhoek J. Microbiol. Serol. 21: 167 (1955)**!**.

= ***Sorocybe resinae*** (Fr.) Fr., Summa veg. Scand. 2: 468 (1849)**!**.

Lit.: HO et al. (1999: 150), PARTRIDGE & MORGAN-JONES (2002: 344–348).

Ill.: PARTRIDGE & MORGAN-JONES (2002: 347, Fig. 4).

Notes: DOMSCH et al. (1980) have *C. avellaneum* G.A. de Vries as a synonym of *C. resinae* (Lindau) G.A. de Vries (≡ *Hormoconis resinae* (Lindau) Arx & G.A. de Vries). However, FARR et al. (1989) list *Hormoconis resinae* and *Cladosporium avellaneum* separately and do not list either as a synonym of the other.

avellaneum f. *albidum* G.A. de Vries, Contr. Knowl. Genus *Cladosporium*: 56 (1952)**!**.

T: isolated from 'Nivea' ointment, the Netherlands, Utrecht, 19 May 1947 (CBS 185.54).

≡ *Cladosporium resinae* [(Lindau) G.A. de Vries] f. *albidum* (G.A. de Vries) G.A. de Vries, Antonie van Leeuwenhoek J. Microbiol. Serol. 21: 167 (1955)**!**.

= ***Sorocybe resinae*** (Fr.) Fr., Summa veg. Scand. 2: 468 (1849)**!**.

Notes: monosporous isolate from the parent culture (DE VRIES 1952).

avellaneum f. *sterile* G.A. de Vries, Contr. Knowl. Genus *Cladosporium*: 56 (1952)**!**.

T: isolated from 'Nivea' ointment, the Netherlands, Utrecht, 19 May 1947.

≡ *Cladosporium resinae* [(Lindau) G.A. de Vries] f. *sterile* (G.A. de Vries) G.A. de Vries, Antonie van Leeuwenhoek J. Microbiol. Serol. 21: 167 (1955)**!**.

= ***Sorocybe resinae*** (Fr.) Fr., Summa veg. Scand. 2: 468 (1849)**!**.

Notes: monosporous isolate from the parent culture (DE VRIES 1952).

avellaneum f. *viride* G.A. de Vries, Contr. Knowl. Genus *Cladosporium*: 56 (1952)**!**.

T: isolated from 'Nivea' ointment, the Netherlands, Utrecht, 19 May 1947 (ATCC 11274: ex-type = CBS 187.54 = IMI 49621).

= ***Sorocybe resinae*** (Fr.) Fr., Summa veg. Scand. 2: 468 (1849)**!**.

Lit.: DE VRIES (1955: 167).

Notes: monosporous isolate from the parent culture (DE VRIES 1952). *Hormodendrum resinae* Lindau and *Cladosporium avellaneum* f. *viride* G.A. de Vries are identical (DE VRIES 1955).

baccae Verwoerd & Dippen., S. African J. Sci. 27: 327 (1930)**!**.

T: on fruits of *Vitis vinifera* (Vitaceae), South Africa, Stellenbosch, B.J. Dippenaar, No. 392 in herbarium of Len Verwoerd at Stellenbosch.

Notes: Type material could not be traced in South Africa and is probably not preserved.

bacilligerum Mont. & Fr., in Montagne, Ann. Sci. Nat. Bot., Sér. 2, 6: 31 (1836)**!**.

T: on *Alnus glutinosa* (Betulaceae), France, Lyons, Rochecardon near 'Lugdunum'.

≡ ***Passalora bacilligera*** (Mont. & Fr.) Mont. & Fr., in Montagne, Syll. gen. sp. crypt.: 305 (1856).

≡ *Scolecotrichum bacilligerum* (Mont. & Fr.) J. Schröt., in Cohn, Krypt.-Fl. Schlesien, Bd. 3(2), Heft 4: 498 (1897)**!**.

Lit.: COOKE (1871: 584), DEIGHTON (1967: 5–8), CROUS & BRAUN (2003: 440).

balladynae Deighton, Mycol. Pap. 118: 32 (1969)**!**.

T: on *Balladyna magnifica* (Parodiopsidaceae) on leaves of *Canthium vulgare* (Rubiaceae), Uganda, near Masaka, May 1962, C.L.A. Leakey (IMI 98798i).

Lit.: ELLIS (1976: 331).

Ill.: DEIGHTON (1969: 33, Fig. 18), ELLIS (1976: 332, Fig. 250 B).

banaticum Săvul., Bul. Sti. Acad. Republ. Populare Române 3(2): 227 (1951)**!**.

T: on dry leaves of *Dianthus kitaibelii* (= *Dianthus petraeus* Waldst. & Kit. subsp. *petraeus*) (Caryophyllaceae), Romania, Severin, Moldova Nouă, 11 Jul. 1948.

bantianum (Sacc.) Borelli, Riv. Anat. Patol. Oncol. 17: 618 (1960)**!**.

T: isolated from cerebral granulomata, Italy, Florenz, 1912 (PAD: photomicrographs prepared by Saccardo).

≡ *Torula bantiana* Sacc., Ann. Mycol. 10: 320 (1912)**!**.

≡ *Xylohypha bantiana* (Sacc.) McGinnis, A.A. Padhye, Borelli & Ajello, J. Clin. Microbiol. 23: 1150 (1986)**!**.

≡ ***Cladophialophora bantiana*** (Sacc.) de Hoog, Kwon-Chung & McGinnis, in de Hoog, Guého, Masclaux, Gerrits van den Ende, Kwon-Chung & McGinnis, J. Med. Veterin. Mycol. 33: 343 (1995)**!**.

= *Cladosporium trichoides* C.W. Emmons, in Binford, Thompson & Gorham, Amer. J. Clin. Pathol. 22: 541 (1952)**!**.

= *Cladosporium trichoides* [C.W. Emmons] var. *chlamydosporum* Kwon-Chung, Mycologia 75(2): 320 (1983)**!**.

Lit.: MATSUSHIMA (1975), MCGINNIS & BORELLI (1981), KWON-CHUNG & BENNETT (1992: 639), HO et al. (1999: 146), DE HOOG et al. (2000: 564), SCHELL (2003: 577).

Notes: *Xylohypha emmonsii* A.A. Padhye, McGinnis & Ajello, formerly reduced to a synonym of *Cladophialophora bantiana*, was re-established as a separate species despite high nDNA homology values, as *Cladophialophora emmonsii* (A.A. Padhye, McGinnis & Ajello) de Hoog & A.A. Padhye, in Gerrits van den Ende & de Hoog, *Stud. Mycol.* 43: 160 (1999).

baptisiae H.C. Greene, Amer. Midl. Naturalist 39(2): 456 (1948)**!**.

T: on living leaves of *Baptisia leucophaea* (Fabaceae), USA, Wisconsin, Dane Co., Madison, University of Wisconsin Arboretum, 14 Jul. 1947, H.C. Greene (BPI 426163; WIS: syntypes).

beijerinckii Oudem., on CABI page, Kirk et al. (n. d.).

Notes: An error, *Coryneum beyerinckii* Oudem., Hedwigia 22: 115 (1883) [= *Stigmina carpophila* (Lév.) M.B. Ellis, Mycol. Pap. 72: 56 (1959)**!**] is intended.

bellynckii Westend., Bull. Acad. Roy. Sci. Belgique 21(8): 240 (1854)**!**.

T: on faded leaves of *Cynanchum vincetoxicum* (= *Vincetoxicum hirundinaria*) (Asclepiadaceae), Belgium, Bois de Dave, near Namur, Prof. Bellynck (BR).

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

≡ *Cercospora bellynckii* (Westend.) Sacc., Nuovo Giorn. Bot. Ital. 8: 818 (1876)**!**.

≡ *Cercosporidium bellynckii* (Westend.) X.J. Liu & Y.L. Guo, Acta Mycol. Sin. 1(2): 93 (1982)**!**.

≡ *Mycovellosiella bellynckii* (Westend.) Constant., Cryptog. Mycol. 3(1): 67 (1982)**!**.

≡ ***Passalora bellynckii*** (Westend.) U. Braun, Mycotaxon 55: 228 (1995)**!**.
= *Cercospora vincetoxici* Sacc. Syll. fung 15: 85 (1901)**!**.
Lit.: SACCARDO (1886: 450), LINDAU (1910: 129), CHUPP (1954: 69), CROUS & BRAUN (2003: 78).

berkheyae Syd., Ann. Mycol. 12: 267 (1914)**!**.
T: on leaves of *Berkheya* sp. (Asteraceae), South Africa, Natal, Cramond, 2 Dec. 1913, No. 6852 (S).
≡ *Fulvia berkheyae* (Syd.) M.B. Ellis, More Dematiaceous Hyphomycetes: 315 (1976)**!**.
≡ *Mycovellosiella berkheyae* (Syd.) U. Braun & Crous, Mycol. Res. 99(1): 32 (1995)**!**.
≡ ***Passalora berkheyae*** (Syd.) U. Braun & Crous, in Crous & Braun, *Mycosphaerella* and its anamorphs: 1. Names published in *Cercospora* and *Passalora*, CBS Biodiversity Ser. 1: 441 (2003)**!**.
Lit.: SACCARDO (1931: 789), CROUS & BRAUN (1996: 250).

betulignum, in herb.
On *Betula nigra* (Betulaceae), USA, District of Columbia, 2 Oct. 1887, B.T. Galloway (BPI 426165).
Notes: According to CASH (1952: 68), "Specimen with descriptive notes in Myc. Coll."

bignoniae Schwein., Trans. Amer. Philos. Soc., N.S., 4(2): 277 (1832)**!**.
T: on legumes of *Bignonia radicans* (Bignoniaceae), USA, Carolina, Pennsylvania, Bethlehem, No. 2600 (PH).
Lit.: SACCARDO (1886: 353), GONZÁLES-FRAGOSO (1927: 206).

bisporum Matsush., Icones Microfungorum a Matsushima Lectorum: 33 (1975)**!**.
T: on a dead leaf of *Musa* ×*paradisiaca* (Musaceae), Japan, Iriomote Island, Okinawa, Mar. 1974 (Matsushima herb. 4861).
≡ ***Beejadwaya bispora*** (Matsush.) Subram., Kavaka 5: 97 (1977)**!**.
Ill.: MATSUSHIMA (1975: Pl. 188, Figs 1–2).
Notes: SUBRAMANIAN (1977) transferred the species into a new genus because of the characteristically shaped, 1-celled conidia consistently formed in chains of two.

boenninghauseniae Togashi & Katsuki, in Katsuki, Kyushu Agric. Res. 8: 84 (1951)**!**.
T: on leaves of *Boenninghausenia albiflora* (Rutaceae), Japan, Kyushu, Pref. Fukuoka, Mizunashi, Ito-mura, 15 Oct. 1950, S. Katsuki.
Ill.: KATSUKI (1951: 84, Fig. 1).

borassi Hasija, Indian Phytopathol. 19: 373 '1966' (1967)**!**, as '*borassii*'.
T: on leaves of *Borassus flabellifer* (Arecaceae), India, Madhya Pradesh, Jabalpur, Howbagh, Coll. Garden, 7 Sept. 1964, S.K. Hasija (IMI 109416c).
Ill.: HASIJA (1967: 375, Fig. 2).

brachormium Berk. & Broome, Ann. Mag. Nat. Hist., Ser. 2, VII: 99 (1851)**!**.
T: on leaves of *Fumaria officinalis* (Fumariaceae), Great Britain, King's Cliffe.
Lit.: COOKE (1871: 584), SACCARDO (1886: 363).

brachyelytri H.C. Greene, Trans. Wisconsin Acad. Sci. 53: 214 (1964)**!**.
T: on living leaves of *Brachyelytrum erectum* (Poaceae), USA, Wisconsin, Sawyer Co., Flambeau State Forest near Oxbow, 22 Jul. 1964, H.C. Greene (BPI 426166; WIS: syntypes).

brachytrichum Corda, Icon. fung. 1: 14 (1837)**!**.
T: on the inner side of the bark of *Fagus* sp. (Fagaceae), Czech Republic, near Reichenberg, Corda (PRM).
≡ *Didymotrichum brachytrichum* (Corda) Bonord., Handb. Mykol.: 89 (1851)**!**.
Lit.: SACCARDO (1886: 354), LINDAU (1907: 821).
Ill.: CORDA (1837: Tab. 4, Fig. 209).

brassicae (Ellis & Barthol.) M.B. Ellis, More Dematiaceous Hyphomycetes: 340 (1976)**!**.
T: on old leaves of *Brassica oleracea* (Brassicaceae), USA, Kansas, Rooks Co., 22 Apr. 1897, E. Bartholomew 2399 (NY: holotype; Barthol., N. Am. F. 3589; K, IMI 99694: isotypes).

≡ *Cladotrichum brassicae* Ellis & Barthol., Trans. Kansas Acad. Sci. 16: 167 (1899).
≡ *Heterosporium brassicae* (Ellis & Barthol.) Arx, Genera Fungi Sporul. Pure Cult., ed. 3: 305 (1981).
Lit.: DAVID (1997: 82).
Ill.: ELLIS (1976: 341, Fig. 259 A), DAVID (1997: 83, Fig. 18; 84, Fig. 19 E–G).

brassicicola Sawada, Special Publ. Coll. Agric. Natl. Taiwan Univ. 8: 195 (1959)**!**, nom. inval.

T: on leaves of *Brassica juncea* (Brassicaceae), Taiwan, Pref. Taichung, Taichung, 17 Feb. 1913, K. Sawada.
Ill.: SAWADA (1959: Pl. 3, Figs 4–5).
Notes: published without Latin diagnosis.

brevicatenulatum Rebr. & Sizova, Novosti Sist. Nizsh. Rast. 15: 137 (1978)**!**, as '*brevi-catenulatum*'.

T: isolated from ancient cloth, Russia, Yaroslavskaya, Rostov, 1973, T.P. Sizova.
Ill.: REBRICOVA & SIZOVA (1978: 138, Figs a–b).
Notes: REBRICOVA & SIZOVA (1978) mention type material as 'Cultura typica No. 10P in Laboratorio Centrali'.

brevicompactum Pidopl. & Deniak, Mikrobiol. Zhurn. 5(2): 186, 194 (1938)**!**, as '*brevi-compactum*', nom. inval.

T: isolated from soil.
Lit.: PIDOPLICHKO (1953: 271).
Ill.: PIDOPLICHKO & DENIAK (1938: 186, Fig. 3).
Notes: Neither in Mikrobiol. Zhurn. (1938) nor in PIDOPLICHKO (1953) a Latin diagnosis is given.

brevicompactum var. *tabacinum* Pidopl. & Deniak, in Pidoplichko, Gribnaja Flora Grubych Kormov: 272 (1953)**!**, nom. inval.

T: isolated from fermentated tobacco leaves, Ukraine.
Ill.: PIDOPLICHKO (1953: 271, Fig. 72).

brevipes Ellis & Barthol. → *subsessile*.

brevipes House, Bull. New York State Mus. Nat. Hist. 219/220: 62 (1919–1920)**!**.

Notes: Petrak appears to have errored. Although page 62 of vol. 219/220 reads "CLADOSPORIUM BREVIPES, N. sp." this portion of vol. 219/220 is actually a reprint of Peck's report of 1886 (1887), reproduced in vol. 219/220 for reasons stated on page 36. Homer D. House authored in 1921 "Notes on Fungi, IV…from New York State Museum Bulletins 219, 220" but House's notes make no reference to *C. brevipes* or any other *Cladosporium*. It seems that Petrak's reference to *C. brevipes* House is an error. *C. letiferum* House was likely created via the same error. Both actually pertain to Peck's fungi of the same name.

brevipes Peck, Rep. (Annual) New York State Mus. Nat. Hist. 40: 64 (1887)**!**.

T: on living leaves of *Quercus alba* (Fagaceae), USA, New York, Menands, July, C.H. Peck (NYS 523: holotype).
Lit.: SACCARDO (1892: 604).

breviramosum Morgan-Jones, in Morgan-Jones & Jacobsen, Mycotaxon 32(1): 228 (1988)**!**.

T: on discoloured wallpaper, USA, Georgia, St. Simon's Island, King and Prince Hotel, Dec. 1987, B.J. Jacobsen (AUA: holotype). [ATCC 64696 (Ex-type culture) = ATCC 76215].
Lit.: HO et al. (1999: 119).
Ill.: MORGAN-JONES & JACOBSEN (1988: 229, Fig. 2; 231, Pl. 1), HO et al. (1999: 117, Figs 4–5).
Notes: Presumably not a *Cladosporium*, species clusters together with *Amorphotheca resinae* not within the large *Davidiella*-subclade (BRAUN et al. 2003).

britannicum M.B. Ellis, More Dematiaceous Hyphomycetes: 328 (1976)**!**.

T: on dead wood of *Quercus* sp. (Fagaceae), Great Britain, Wales, Pwee-y-Faeda Estate, 13 May 1973, M.B. Ellis (IMI 175936).

Lit.: ELLIS & ELLIS (1985: 51).

Ill.: ELLIS (1976: 327, Fig. 245 C).

bruhnei Linder, Bull. Natl. Mus. Canada 97: 259 (1947)**!**.

T: on *Hordeum vulgare* (Poaceae), Germany, Halle and Berlin, K. Bruhne.

≡ *Hormodendrum hordei* Bruhne, in W. Zopf, Beitr. Physiol. Morph. nied. Org. 4: 1 (1894), non *C. hordei* Pass., 1887.

≡ *Cladosporium herbarum* [(Pers.: Fr.) Link] δ *cerealium* [Sacc.] f. *hordei* (Bruhne) Ferraris, Flora Ital. Crypt., Pars I, Fungi, Fasc. 13: 882 (1914)**!**.

≡ *Cladosporium hordei* (Bruhne) Pidopl., Gribnaja Flora Grubych Kormov: 268 (1953)**!**, nom. illeg., homonym, non *C. hordei* Pass., 1887.

Lit.: SACCARDO (1899: 1076).

Ill.: LINDER (1947: 289, Pl. 14, Fig. C).

Notes: LINDER (1947) examined No. 1481a-5, presumably in the National Museum and stated the species closely resembling *C. herbarum*.

brunneoatrum McAlpine, Fungus Dis. Citrus Trees Austral.: 15, 78 (1899)**!**.

T: on fruits of *Citrus aurantium* (Rutaceae), Australia, New South Wales, Sydney, Jul. 1898 (VPRI).

Lit.: SACCARDO (1902: 1057).

Ill.: MCALPINE (1899: Pl. 1; Figs 17–18).

brunneolum Sacc., Syll. fung. 4: 358 (1886)**!**.

T: on dead leaves of *Hedera helix* (Araliaceae), USA, California, Dec. 1880, Henkney, No. 1954 (BPI 426168; K 121546: holotype).

≡ *Cladosporium brunneum* Cooke & Harkn., Grevillea 12: 96 (1884)**!**, nom. illeg., homonym, non *C. brunneum* Corda, 1837.

brunneum Cooke & Harkn. → *brunneolum*.

brunneum Corda, Icon. fung. 1: 15 (1837)**!**, as '*bruneum*'.

T: on rotten leaves of *Populus* sp. (Salicaceae), Czech Republic, near Prag.

Lit.: SACCARDO (1886: 357), LINDAU (1907: 818).

Ill.: CORDA (1837: Tab. 4, Fig. 214).

Notes: Type specimen is not preserved at PRM.

buteicola Cooke, Grevillea 5(33): 15 (1876)**!**, as '*buteacolum*'.

T: on legumes of *Butea frondosa* (Fabaceae), India, 1876, Colonel Hobsen (K 121548: holotype).

Lit.: SACCARDO (1886: 353), ELLIS (1976: 343).

Ill.: COOKE (1876, Pl. 74, Fig. 10), ELLIS (1976: 343, Fig. 260 B).

butyri O. Jensen, Centralbl. Bakteriol., 2. Abth., 8: 311–312 (1902)**!**.

T: on butter.

= *Monilia nigra* Burri & W. Staub, Landw. Jahrb. Schweiz 23: 479 (1909)**!**.

Notes: A separate, yeast-like form and other characters do not enable this species to be placed in *Cladosporium* (DE VRIES 1952: 90). This species was cited by DE VRIES (1952) as published in 'Landw. Jahrb. Schweiz 15: 329 (1901)**!**', but that reference did not contain a description of this species. The whole paper of BURRI & STAUB (1909: 479–513) dealt with *Monilia nigra*, but on page 479 the new name appeared for the first time.

caducum Davis, Trans. Wisconsin Acad. Sci. 21: 298 (1924)**!**.

T: on leaves of *Betula nigra* (Betulaceae), USA, Wisconsin, along the Wisconsin river, 21 Jul. 1922, J.J. Davis (BPI 426179; WIS: syntypes).

caesalpiniae Sawada, Rep. Gov. Res. Inst. Formosa 85: 91 (1943)**!**, nom. inval.

T: on *Caesalpinia nuga* (Caesalpiniaceae), Taiwan, Kaohsiung Prov., 24 Mar. 1930, K.

Sawada (BPI 426182; PPMH: syntypes).
Notes: diagnosis only in Japanese.

caespiticium Rabenh., F. eur., Cent. VI, No. 579 (1863)**!** and Bot. Zeitung (Berlin) 21: 230 (1863)**!**, nom. nud.
T: on leaves of *Rhamnus alaternus* (Rhamnaceae), 'ad Gandam', winter 1861, E. Coemans, Rabenh., F. eur. 579 (e.g., HAL; HBG).
Lit.: SACCARDO (1892: 606), LINDAU (1907: 833).

caespitosum Ell. & Everh., in herb.
On *Arabis holboelii* (Brassicaceae), USA, Utah, M.E. Jones, Utah Fungi 5743.
Notes: Specimen with descriptive notes in Myc. Coll. (CASH 1952: 68).

calamigenum Berk. & Broome, J. Linn. Soc., Bot. 14: 99, 1873 (1875)**!**, as '*calamigena*'.
T: on fruits of *Calamus* sp. (Araceae), India, Ceylon, south of the island, Jul. 1868, G.H.K. Thwaites (K 121549).
Lit.: SACCARDO (1886: 367).

calcareum Beeli, Bull. Soc. Roy. Bot. Belgique 56: 68 (1924)**!**.
T: on lime-coated wall and wood in a cellar, Belgium, Brussels.
Lit.: SACCARDO (1972: 1337).
Ill.: BEELI (1923: Tab. 4, Fig. 14).

callae Clinton (?), in herb.
On leaves of *Calla*, USA, New York, Buffalo, G.W. Clinton (BPI 426184).

calotropidis F. Stevens, Trans. Illinois State Acad. Sci. 10: 207 (1917)**!**.
T: on leaves of *Calotropis procera* (Asclepiadaceae), Puerto Rico, Jul. 1915 (ILL 15842; IMI 19791; K; PC; Univ. Mich. Fungus Collection).
= *Cercospora calotropidis* Ellis & Everh., Rep. (Annual) Missouri Bot. Gard. 9: 120 (1898)**!**. [T: BPI 433953, 433956; NY; IMI 7752 (slide)].
≡ *Phaeoramularia calotropidis* (Ellis & Everh.) Kamal, A.S. Moses & R. Chaudhary, Mycol. Res. 94 : 716 (1990)**!**.
≡ ***Passalora calotropidis*** (Ellis & Everh.) U. Braun, Schlechtendalia 5: 60 (2000)**!**.
= *Cercospora microsora* Pat., in R.P. Duss, Champignons de la Guadeloupe, 3e Sér.: 91 (1902)**!**, nom. illeg., homonym, non *C. microsora* Sacc., 1880.
≡ *Cercospora patouillardii* Sacc., Syll. fung. 18: 608 (1906)**!**.
= *Cercospora calotropidis* Lingelsh., Bot. Jahrb. Syst. 39: 605 (1907)**!**, nom. illeg., homonym, non *C. calotropidis* Ellis & Everh., 1898.
≡ *Cercospora lingelsheimii* Săvul. & Rayss, Ann. Cryptog. Exot. 8: 49 (1935)**!**.
= *Cercospora inconspicua* Pat. & Har., Bull. Soc. Mycol. France 24: 16 (1909) **!**. [T: FH 7807].
= *Napicladium calotropidis* H. Morstatt, Ann. Mycol. 10: 451 (1912)**!**.
= *Cercospora calotropidis* Speg., Anales Mus. Nac. Hist. Nat. Buenos Aires 26: 132 (1914), nom. illeg., homonym, non C. *calotropidis* Ellis & Everh., 1898.
≡ *Cercosporina calotropidis* Sacc., in Trotter, Syll. fung. 25: 897 (1931)**!**, as '(Speg.) Sacc.'.
= *Cercospora domingensis* Gonz. Frag. & Cif., Bol. Soc. Esp. Hist. Nat. 26: 339 (1926). [T: BPI 435826; MA].
Lit.: SACCARDO (1931: 789), SUBRAMANIAN (1971: 293), CROUS & BRAUN (2003: 96).

'*cancerogenes* von Niessen, Canceromyces Auct. 1894' (no reference to an original description has been found).
T: isolated from a cancer of uterus.
Lit.: VUILLEMIN (1931: 77), NANNIZZI (1934).
Notes: "Wartmann credette di identificarlo con il *C. herbarum* o con una specie vicina, cioè con un saprofita banale" (NANNIZZI 1934).

capsici Kovatsch., Z. Pflanzenkrankh. Pflanzenschutz 48(7): 335 (1938)**!**, nom. nov., as '(É.J. Marchal & Steyaert) Kovatsch.'.

T: on *Capsicum frutescens* (Solanaceae), Congo belge, Prov. di l'Equateur.
≡ *Cercospora capsici* É.J. Marchal & Steyaert, Bull. Soc. Roy. Bot. Belgique 61: 167 (1929), nom. illeg., homonym, non *C. capsici* Heald & F.A. Wolf, 1911.
= *Cercospora capsici* Unamuno, Bol. Soc. Esp. Hist. Nat. 32: 161 (1932)**!**, nom. illeg., homonym, non *C. capsici* Heald & F.A. Wolf, 1911.
≡ *Cercospora unamunoi* Castell., Rivista Agric. Subtrop. Trop. 42: 20 (1948).
≡ *Phaeoramularia unamunoi* (Castell.) Munt.-Cvetk., Lilloa 30: 183 (1960)**!**, nom. inval.
= *Cercospora capsicicola* Vassiljevsky, in Vassiljevsky & Karakulin, Parazitnye nesovershennye griby, Ch. I, Gifomicety: 344 (1937)**!**.
≡ *Phaeoramularia capsicicola* (Vassiljevsky) Deighton, in Ellis, More Dematiaceous Hyphomycetes: 323 (1976)**!**.
≡ *Phaeoramularia capsicicola* (Vassiljevsky) Deighton, Trans. Brit. Mycol. Soc. 67: 140 (1976)**!**, comb. superfl.
≡ ***Passalora capsicicola*** (Vassiljevsky) U. Braun & F. Freire, Cryptog. Mycol. 23: 299 (2002)**!**.
Lit.: CHUPP (1954: 553), SACCARDO (1972: 1336), CROUS & BRAUN (2003: 103).

cardariae Opiz, Lotos 5: 41 (1855)**!**.
T: on silicles of *Cardaria draba* (Brassicaceae), Czech Republic, Prag, park Vimrovské sady, 23 Nov. 1853, Opiz (PRM).
Lit.: LINDAU (1907: 832).

caricicola Corda, Icon. fung. 1: 14 (1837)**!**, as '*caricicolum*'.
T: on living leaves and culms of *Carex* (Cyperaceae), Czech Republic, near Reichenberg (PRM).
≡ *Didymotrichum caricicola* (Corda) Bonord., Handb. Mykol.: 89 (1851)**!**.
= ***Cladosporium herbarum*** (Pers.: Fr.) Link, Ges. Naturf. Freunde Berlin Mag. Neuesten Entdeck. Gesammten Naturk. 7: 37 (1816)**!**.
Lit.: SACCARDO (1886: 365), LINDAU (1907: 816), LIND (1913: 523), HUGHES (1958: 750).
Ill.: CORDA (1837: Tab. 4, Fig. 210).

caricinum C.F. Zhang & P.K. Qi, Guangdong Guoshu Zhenjun Binghai Zhi.: 54 (2000).
T: on *Carica papaya* (Caricaceae), China.
Lit.: ZHANG et al. (2003: 185–186).

carpesii Sawada, Bull. Gov. Forest Exp. Sta. 105: 93 (1958)**!**.
T: on leaves of *Carpesium abrotanoides* var. *thunbergianum* (Asteraceae), Japan, Tohoku District, 12 Sept. 1947, K. Sawada.

carpophilum Thüm., Oesterr. Bot. Z. 27: 12 (1877)**!**.
T: on fruits of *Prunus persica* (Rosaceae), Austria, Klosterneuburg, Aug. 1877, Thümen (PAD: neotype, designated here).
≡ ***Fusicladium carpophilum*** (Thüm.) Oudem., Verh. Kon. Ned. Akad. Wetensch., Afd. Natuurk., Tweede Sect. 1900: 388 (1900).
≡ *Megacladosporium carpophilum* (Thüm.) Vienn.-Bourg., Les champignons parasite des plantes cultivées 1: 489 (1949).
≡ *Fusicladosporium carpophilum* (Thüm.) Partridge & Morgan-Jones, Mycotaxon 85: 362 (2003)**!**.
= *Fusicladium pruni* Ducomet, Thèse Fac. Sci. Paris: 137 (1907).
= *Fusicladium amygdali* Ducomet, Ann. École, Natl. Agric. Rennes 4: 11 (1911).
Teleomorph: *Venturia carpophila* E.E. Fisher, Trans. Brit. Mycol. Soc. 44: 339 (1961)**!**.
Lit.: SACCARDO (1886: 353), LIND (1913), ELLIS (1971: 317), SIVANESAN (1974: 75; 1984: 609), SCHUBERT et al. (2003: 26, 28–30).
Notes: "Herb. myc. oec. 599, Wien, 1877 (LE: syntype)" was cited as type by SCHUBERT et al. (2003), but this collection is not the type.

carrionii Trejos, Revista Biol. Trop. 2: 106 (1954).
T: isolated from a case of chromoblastomycosis, Australia, Venezuela.
≡ ***Cladophialophora carrionii*** (Trejos) de Hoog, Kwon-Chung & McGinnis, in de Hoog,

Guého, Masclaux, Gerrits van den Ende, Kwon-Chung & McGinnis, J. Med. Veterin. Mycol. 33: 345 (1995)**!**.
= *Cladophialophora ajelloi* Borelli, Pan Amer. Health Organ. Sci. Publ. 396: 335 (1980).
Lit.: KWON-CHUNG & BENNETT (1992: 350), HO et al. (1999: 147), DE HOOG et al. (2000: 570), SCHELL (2003: 578).

caryigenum (Ellis & Langl.) Gottwald, Mycologia 74(3): 388 (1982)**!**.
T: on leaves of *Carya illinoensis* (Juglandaceae), USA, Louisiana, St. Martin, 3 Sept. 1888, A.B. Langlois, Fl. Ludov. 1499 (NY: lectotype, selected by SCHUBERT et al., 2003); isolectotypes: on leaves of *Carya illinoensis* (*C. olivaeformis*), USA, Louisiana, St. Martinsville, Sept. 1888, A.B. Langlois (BPI 426315, 426333; M).
≡ *Fusicladium caryigenum* Ellis & Langl., J. Mycol. 4: 124 (1888)**!**.
= ***Fusicladium effusum*** G. Winter, J. Mycol. 1: 101 (1885)**!**.
Lit.: HO et al. (1999), SCHUBERT & BRAUN (2002a).

caryigenum var. *carpineum* (Ellis & Everh.) Gottwald, Mycologia 74(3): 389 (1982)**!**, as '*carpinum*', comb. inval.
T: on *Carpinus americana* (Corylaceae), Canada, London, Oct. 1889, J. Dearness (NY: lectotype, selected by SCHUBERT et al., 2003; DAOM, M: isolectotypes).
≡ *Fusicladium effusum* var. *carpineum* Ellis & Everh., Proc. Acad. Nat. Sci. Philadelphia 43: 91 (1891)**!**.
≡ ***Fusicladium carpineum*** (Ellis & Everh.) U. Braun & K. Schub., IMI Descriptions of Fungi and Bacteria 152, No. 1512 (2002)**!**.

casei (Johan-Olsen) Sacc. & Traverso, in Saccardo, Syll. fung. 19: 296 (1910)**!**.
T: in cheese, Norway.
≡ *Dematium casei* Johan-Olsen, Centralbl. Bakteriol., 2. Abth., 3: 280 (1897)**!**.
Lit.: SACCARDO (1913: 1371).
Ill.: JOHAN-OLSEN (1897: Tab. 4–5, Figs 7–13).

cassiae-surathensis J.M. Yen, Bull. Trimestriel Soc. Mycol. France 97(3): 130–131 (1981)**!**.
T: on living leaves of *Cassia surathensis* (Caesalpiniaceae), Singapore, Bukit Timah, 29 Mar. 1970, G. Lim, No. 45 (LAM: Yen Herb., No. 10541).
Ill.: YEN (1981: 130, Fig. 1).

castellanii Borelli & Marcano, Castellania 1(5): 154 (1973).
T: isolated from a patient with 'tinea nigra', Venezuela (IMI 183818).
= ***Stenella araguata*** Syd., Ann. Mycol. 28: 205 (1930)**!**.
Lit.: MCGINNIS & PADHYE (1978: 415).

catamarcense Speg., Anales Soc. Ci. Argent. 10: 63 (1880)**!**, as '*catamarcensis*'.
T: on wilting leaves of *Pachylaena atriplicifolia* (Asteraceae), Argentina, 'in arenosis alpinis de Catamarca'.
Lit.: SACCARDO (1886: 363), FARR (1973).

cattleyae Verpl., Meded. Landbouwhoogeschool Opzoekingsstat. Staat Gent 3: 103 (1935).
T: on dead leaves of *Cattleya mossiae* (Orchidaceae), Belgium, Antwerpen, botanical garden, 12 Mar. 1935 (GENT: holotype).
Notes: not in Index fungorum.

cellare (Pers.) Schanderl, Zentralbl. Bakteriol., 2. Abt., 94: 117 (1936)**!**.
T: from a wine vault.
≡ *Racodium cellare* Pers., Neues Mag. Bot. 1: 123 (1794)**!**.
≡ *Zasmidium cellare* (Pers.) Fr., Summa veg. Scand. 2: 407 (1849)**!**.
≡ *Rhinocladiella cellaris* (Pers.) M.B. Ellis, Dematiaceous Hyphomycetes: 248 (1971)**!**.
= ***Rhinocladiella ellisii*** Hawksw., in Hawksworth & Riedl, Taxon 26(2–3): 208 (1977)**!**.
Lit.: DE VRIES (1952), BARRON (1968: 266).

cerasi (Rabenh.) Aderh., Centralbl. Bakteriol., 2. Abth., 7: 656 (1901)**!**.

T: on fruits of *Prunus cerasus* (Rosaceae), Germany, Borussia (BRAUN 1853: Tab. 1, B, 1–2: iconotype).

≡ *Acrosporium cerasi* Rabenh., in Braun, Verh. Vereins Beförd. Gartenbaues Königl. Preuss. Staaten 1: 176 (1853)**!**.

≡ ***Fusicladium cerasi*** (Rabenh.) Erikss., Meddeland. Kongl. Lantbruksakad. Exp.-fält 1: 73 (1885).

≡ *Fusicladium cerasi* (Rabenh.) Sacc., Syll. fung. 4: 346 (1886)**!**, comb. superfl.

≡ *Fusicladiopsis cerasi* (Rabenh.) Karak. & Vassiljevsky, in Vassiljevsky & Karakulin, Parazitnye nesovershennye griby, Ch. I. Gifomicety: 210 (1937)**!**.

≡ *Megacladosporium cerasi* (Rabenh.) Vienn.-Bourg., Les champignons parasites des plantes cultivées 1: 537 (1949).

≡ *Karakulinia cerasi* (Rabenh.) N.P. Golovina, Novosti Sist. Nizsh. Rast. 1: 213 (1964).

Teleomorph: *Venturia cerasi* Aderh., Landw. Jahrb. 29: 541 (1900)**!**.

Lit.: SIVANESAN & HOLLIDAY (1981), SIVANESAN (1984), SCHUBERT et al. (2003: 33–35).

cercestidis Deighton, Mycol. Res. 94(4): 570 (1990)**!**.

T: on living leaves of *Cercestis congensis* (Araceae), Sierra Leone, Njala (Kori), 25 Apr. 1934, F.C. Deighton (IMI 7735: holotype).

≡ ***Stenella cercestidis*** (Deighton) U. Braun, Schlechtendalia 5: 54 (2000)**!**, as '*cercestis*'.

cerophilum (Tubaki) Matsush., Icones Microfungorum a Matsushima Lectorum: 34 (1975)**!**.

T: on the blackened (originally white), powdery wax layer under the leaf sheathes of *Sasa* sp. (Poaceae), Japan, May 1955 (preserved in Nagao Institute).

≡ *Acrotheca cerophila* Tubaki, J. Hattori Bot. Lab. 20: 143 (1958)**!**.

≡ ***Ramichloridium cerophilum*** (Tubaki) de Hoog, Stud. Mycol. 15: 74 (1977)**!**.

chaetomium Cooke, Grevillea 17(83): 66 (1889)**!**.

T: on leaves of *Euphorbia* sp. (Euphorbiaceae), USA, New Jersey, Newfield, J.B. Ellis, No. 2289 (K).

≡ *Cercosporidium chaetomium* (Cooke) Deighton, Mycol. Pap. 112: 27 (1967)**!**.

≡ ***Passalora chaetomium*** (Cooke) Arx, Proc. Kon. Ned. Akad. Wetensch. C, 86(1): 44 (1983)**!**.

≡ *Passalora chaetomium* (Cooke) Poonam Srivast., J. Liv. World 1(2): 114 (1994)**!**, comb. inval.

= *Scolecotrichum* ? *euphorbiae* Tracy & Earle, Bull. Torrey Bot. Club 23: 209 (1896). [T: NY].

≡ *Piricularia euphorbiae* (Tracy & Earle), G.F. Atk., Cornell Univ. Sci. Bull. 3(1): 40 (1897)**!**.

Lit.: SACCARDO (1892: 602), ELLIS (1971: 281), CROUS & BRAUN (2003: 445).

cheonis (Chupp & Linder) U. Braun, Biblioth. Lichenol. 86: 85 (2003)**!**.

T: on leaves of *Ilex* sp. (Aquifoliaceae), China, Kiangsi Prov., Huang Yen Ssu, Hsing Tzu Hsien, 13 Sept. 1932, S.Y. Cheo, No. 922 (CUP 39400: holotype).

≡ *Cercospora cheonis* Chupp & Linder, Mycologia 29: 27 (1937)**!**.

Lit.: CHUPP (1954: 52), CROUS & BRAUN (2003: 119).

Ill.: BRAUN (2003: 94, Fig. 8).

chlamydeum Cif. & Redaelli, Mycopathol. Mycol. Appl. 8: 187 (1957)**!**.

T: from skin of *Canis*.

Notes: "Material probably lost; judging from the description this was *Moniliella suaveolens*" (DE HOOG et al. 2000).

chlamydospora Matsush., Icones Microfungorum a Matsushima Lectorum: 34 (1975)**!**, as '*chlamydosporis*'.

T: from garden soil, Japan, Osaka, Ibaraki City, May 1967 (Herb. Osaka 1047).

Ill.: MATSUSHIMA (1975: Pl. 55, Fig. 3).

chlorocephalum (Fresen.) E.W. Mason & M.B. Ellis, Mycol. Pap. 56: 123 (1953)**!**.

T: on dead stems of *Paeonia* sp. (Paeoniaceae).

≡ *Periconia chlorocephala* Fresen., Beitr. Mykol. 1: 21 (1850)**!**.

≡ *Haplographium chlorocephalum* (Fresen.) Grove, Sci. Gossip 21: 198 (1885).

≡ *Graphiopsis chlorocephala* (Fresen.) Trail, Scott. Naturalist (Perth) 10: 75 (1889).

= *Cladosporium paeoniae* Pass., in Thümen, Herb. myc. oec., Fasc. IX, No. 416 (1876)**!** and Just's Bot. Jahresber. 4: 235 (1876)**!**.
= *Periconia ellipsospora* Penz. & Sacc., Atti Reale Ist. Veneto Sci. Lett. Arti, Ser. 6, 2: 596 (1883–1884).
= ? *Cladosporium paeoniae* [Pass.] var. *paeoniae-anomalae* Sacc., Syll. fung. 4: 362 (1886)**!**.
= *Haplographium chlorocephalum* [(Fresen.) Grove] var. *ovalisporum* Ferraris, Flora Ital. Crypt., Pars I, Fungi, Fasc. 13: 875 (1914).
Lit.: SACCARDO (1886: 362), LINDAU (1907: 822), FERRARIS (1912: 348), LIND (1913: 524), DE VRIES (1952: 94), ELLIS (1971: 309), SUBRAMANIAN (1971: 296–297), ELLIS & ELLIS (1985: 395), MCKEMY & MORGAN-JONES (1991a), HO et al. (1999: 120).
Ill.: FRESENIUS (1850: Taf. 4, Figs 10–15), MASON & ELLIS (1953: 124–125, Figs 42–43), ELLIS (1971: 310, Fig. 214 B), MCKEMY & MORGAN-JONES (1991a: 137, Fig. 1; 139, Pl. 1; 141, Fig. 2; 143, Pl. 2), HO et al. (1999: 122, Fig. 7).
Host(s)/substrate(s) & distribution: on living and dead leaves and stems of *Paeonia* including *P. arborea*, *P. officinalis* and *P. suffruticosa*; Europe, North America, New Zealand.

chodatii (Nechitsche) Sacc. & D. Sacc., Syll. fung. 18: 577 (1906)**!**.
T: on fermentated rice (*Oryza*, Poaceae).
≡ *Dematium chodatii* Nechitsche, Inst. Bot. Univ. Genève, Ser. 6, 5: 22 (1904)**!**, as '*chodati*'.
≡ *Candida chodati* (Nechitsche) Berkhout, Die schimmelgeschlachten *Monilia*, *Oidium*, *Oospora* en *Torula*: 54 (1923).
Ill.: NECHITSCHE (1904: 23–25, Figs 4–6).
Notes: SUBRAMANIAN (1971) cited the species as possible synonym of *Aureobasidium oleae* (Castagne) Subram., now regarded as *A. pullulans* var. *pullulans* (de Bary) G. Arnaud.

chrysanthemi Pidopl. & Deniak, in Pidoplichko, Gribnaja Flora Grubych Kormov: 272 (1953)**!**, nom. inval.
T: on fallen petals of chrysanthemum, Ukraine.
Ill.: PIDOPLICHKO (1953: 273, Fig. 74).

chrysophylli Thaung, Trans. Brit. Mycol. Soc. 63(3): 620 (1974)**!**.
T: on living leaves of *Chrysophyllum cainito* (Sapotaceae), Burma, Sintoung, east of Thazi, 24 May 1973, Mya Thaung (IMI 177241: holotype).
Ill.: THAUNG (1974: 620, Fig. 1).

cinnamomeum (Racib.) Höhn., in Kabát & Bubák, F. imp. exs., Fasc. XIII, No. 643 (1910)**!**.
T: on *Cinnamomum* sp. (Lauraceae), Indonesia, Java, Buitenzorg, Tjenkumeh, 1908, F. v. Höhnel, Kab. & Bub., F. imp. exs. 643 (e.g., PC).
≡ *Scolecotrichum cinnamomeum* Racib., Paras. Alg. Pilz. Javas: 40 (1900)**!**.
≡ ***Stenella cinnamomea*** (Racib.) U. Braun, Schlechtendalia 8: 37 (2002)**!**.
= *Stenella cinnamomi* Hosag. & U. Braun, Indian Phytopathol. 48: 261 (1995).

circaeae Y. Qin & Z.Y. Zhang, Mycosystema 18(2): 135 (1999)**!**.
T: on living leaves of *Circaea mollis* (Onagraceae), China, Jiangxi, Lushan, 5 Oct. 1980, J.Y. Li & T.Y. Zhang, No. 41440 (MHYAU 03953: holotype).
Ill.: QIN & ZHANG (1999: 135, Fig. 1).

circinalis Grüss, Wochenschr. Brauerei 48(7): 67 (1931)**!**.
T: on the surface of wort.
Notes: From GRÜSS (1931): "Die Sporen entstehen am Ende der Hyphen in Kettenform oder durch Verschiebung in kleine Häufchen." This collapse of chains into heads does not sound like *Cladosporium*.

citri Briosi & Farneti, Atti Ist. Bot. Univ. Pavia, Ser. 2, 10: 19 (1907)**!**, nom. illeg., homonym, non *C. citri* Massee, 1899.
T: on fruits of *Citrus limon* (Rutaceae), Italy, Sicily.
≡ *Cladosporium farnetianum* Sacc., Syll. fung. 22: 1366 (1913)**!**.
≡ *Kurosawaia citri* Hara, List of Japanese Fungi, ed. 4: 172 (1954), nom. nov., as '(Briosi & Farneti) Hara'.

Lit.: FERRARIS (1912: 347).

Notes: It is not a *Cladosporium*, but maybe *Sphaceloma fawcetii* Jenkins.

citri Massee, Text book Pl. Diseas: 310 (1899)**!**.

T: on leaves and fruits of *Citrus limon* (Rutaceae), USA (K?).

Lit.: SACCARDO (1913: 1367), JENKINS (1925).

Notes: Massee gave no specimen or herbarium designations, nor a description, but on p. 311 refers to "USDA Bull. No. 8" (SWINGLE & WEBBER, 1896), in which the disease of *Citrus* is attributed to a *Cladosporium*, for which a short description is rendered without specifying specimens or herbaria. JENKINS (1925) discussed the taxonomy and nomenclature of the citrus scab fungus in detail and showed that *C. citri* was based on a true *Cladosporium* s. str., which was found by SWINGLE & WEBBER (1896) on old lesions. This fungus was often confused with the causal agent of the citrus scab disease (e.g., FAWCETT 1907, 1916), for which JENKINS (1925) introduced the name *Sphaceloma fawcettii* Jenkins (= *Cladosporium citri* sensu Fawcett, non Massee). Nevertheless, FAWCETT (1936: 535) still wrote on the identity of *C. citri* Massee that the fungus is now regarded as a *Sphaceloma*.

citri Penz. – an error. See FAWCETT (1910 and 1936: 536).

cladosporioides (Fresen.) G.A. de Vries, Contr. Knowl. Genus *Cladosporium*: 57 (1952)**!**.

T: on overwintered leaves of *Hydrangea* sp. (Hydrangeaceae), Germany.

≡ *Penicillium cladosporioides* Fresen., Beitr. Mykol. 1: 22 (1850)**!**.

≡ *Hormodendrum cladosporioides* (Fresen.) Sacc., Michelia 2(6): 148 (1880).

≡ *Cladosporium herbarum* [(Pers.: Fr.) Link] f. *hormodendroides* Ferraris, Flora Ital. Crypt., Pars I, Fungi, Fasc. 8: 332 (1912)**!**.

= *Cladosporium hypophyllum* Fuckel, Jahrb. Nassauischen Vereins Naturk. 23–24: 356 '1869' (1870)**!**.

= ? *Ramularia meliloti* Ellis & Everh., Erythea 2: 26 (1894).

= *Monilia humicola* Oudem., Arch. Néerl. Sci. Exact. Nat., Sér. 2, 7: 286 (1902).

Lit.: YAMAMOTO (1959: 3), ELLIS (1971: 319), SUBRAMANIAN (1971: 285), DOMSCH et al. (1980: 202), ELLIS & ELLIS (1985: 290, 468), WANG & ZABEL (1990), BRAUN (1998: 301), HO et al. (1999: 121), SAMSON et al. (2000: 108), DE HOOG et al. (2000: 583), SAMSON et al. (2001: 340).

Ill.: FRESENIUS (1850: Taf. 3, Figs 23–28), DE VRIES (1952: 58–59, Figs 10–11), YAMAMOTO (1959: 4, Figs 9–12), ELLIS (1971: 318, Fig. 219 C), DOMSCH et al. (1980: 203, Fig. 82), HO et al. (1999: 122, Figs 8–9), DE HOOG et al. (2000: 583–584, Figs), SCHELL (2003: 582, Fig. 16).

Host(s)/substrate(s) & distribution: parasitic causing leaf spots and as a secondary invader on many different plants, and saprobic, isolated from air, soil, textiles, etc.; cosmopolitan.

Notes: Type material of Fresenius is housed in the Senckenberg-Herbarium Frankfurt, but type material of *P. cladosporioides* has not yet been traced.

cladosporioides [(Fresen.) G.A. de Vries] f. sp. *pisicola* (W.C. Snyder) G.A. de Vries → *pisicola*.

cladrastidis Naumov, Bull. Soc. Mycol. France 30: 80 (1914)**!**.

T: on leaves of *Cladrastis amurensis* (Fabaceae), Russia (PC).

= *Cercospora cladrastidis* Jacz., Hedwigia 39: 123 (1900). [T: HBG; LE 40382].

≡ ***Pseudocercospora cladrastidis*** (Jacz.) J.K. Bai & M.Y. Cheng, Acta Mycol. Sin. 11: 121 (1992)**!**.

Lit.: SACCARDO (1931: 792), CROUS & BRAUN (2003: 126).

clappieri – listed in Unesco (1955).

clavatum Schwabe, Fl. anhalt. 2: 349 (1839)**!**.

T: on dry wood of *Quercus* sp., Germany.

Lit.: SACCARDO (1913: 1369).
Ill.: SCHWABE (1839: Tab. 6, Fig. 13).

clemensiae P.W. Graff, in Merrill, Philipp. J. Sci. 9: 40 (1914)**!**.
T: on *Eragrostis tenella* (Poaceae), Guam, Agaña, 27 Nov. 1910, M.S. Clemens.

coelosporum Spreng., Syst. veg. 4(1): 553 (1827)**!**.
T: on stems of Gramineae, Germany (?).
= *Dematium articulatum* Pers., Neues Mag. Bot. 1: 121 (1794)**!**.
= *Helminthosporium carispermum* Link, ?, as '*Helmisporium*'.
Notes: *Dematium articulatum* Pers. has also been cited as synonym of *C. fasciculare* (Pers.) Fr.

colocasiae Sawada, Trans. Nat. Hist. Soc. Taiwan 25: 125 (1916).
T: on *Colocasia antiquorum* (= *Colocasia esculenta*) (Araceae), Taiwan, 2 Jun. 1910, K. Sawada (PPMH).
Lit.: BUGNICOURT (1958), ELLIS (1971: 312), MATSUSHIMA (1975: 34), DAVID (1988a), HO et al. (1999: 123).
Ill.: BUGNICOURT (1958: 235, Fig. 1), ELLIS (1971: 313, Fig. 216 B), MATSUSHIMA (1975: Pl. 77), DAVID (1988a: Fig.), DE & CHATTOPADHYAY (1994: 228, Fig. 4), HO et al. (1999: 124, Figs 10–11).
Host(s)/substrate(s) & distribution: on leaves of *Colocasia esculenta*; Africa, Asia, Europe, North America, Australia, New Zealand.

colocasiicola Sawada, Special Publ. Coll. Agric. Natl. Taiwan Univ. 8: 195 (1959)**!**, nom. inval.
T: on leaves of *Colocasia esculenta* (Araceae), Taiwan, Pref. Taipei, Taipei, 15 Oct. 1919, E.K. and Pref. Chiayi, Shuishan, 2 Nov. 1909, K. Sawada.
Ill.: SAWADA (1959: Pl. 3, Figs 6–7).
Notes: without a Latin diagnosis, not validly published; two different collections cited without designating a type specimen.

comesii Carbone, Atti Ist. Bot. Univ. Pavia, Ser. 2, 14: 322 (1914)**!**.
T: isolated from sausage ['in botulis (Salame crudo)'], Italy, Pavia.
Lit.: SACCARDO (1931: 799).

compactiusculum Sacc. & P. Syd., Syll. fung. 14: 1082 (1899)**!**.
T: on twigs of *Sterculia foetida* (Sterculiaceae) and *Frusinalia* (Combretaceae), Ceylon (PC).
≡ *Cladosporium subcompactum* Roum. & P. Karst., in Karsten, Roumeguère et Hariot, Rev. Mycol. (Toulouse) 12: 80 (1890)**!**, nom. illeg., homonym, non *C. subcompactum* Sacc., 1886.
≡ *Cladosporium zeylanicum* Sacc. & Trotter, Syll. fung. 22: 1371 (1913)**!**, nom. superfl.
Notes: The original material from PC is deposited under '*Cladosporium subcompactum* B. et C.' (on *Sterculia foetida*, Ceylon).

compactum Berk. & M.A. Curtis, in Berkeley, Grevillea 3(27): 106 (1875)**!**.
T: on leaves of *Arundinaria* sp. (Poaceae), North America, No. 3767 (IMI 69771; K; STR).
≡ *Cercosporidium compactum* (Berk. & M.A. Curtis) Deighton, Mycol. Pap. 112: 59 (1967)**!**.
≡ ***Passalora compacta*** (Berk. & M.A. Curtis) U. Braun & Crous, in Crous & Braun, *Mycosphaerella* and its anamorphs: 1. Names published in *Cercospora* and *Passalora*, CBS Biodiversity Ser. 1: 133 (2003)**!**.
= *Cercospora scolecotrichoides* G.F. Atk., Cornell Univ. Sci. Bull. 3(1): 46 (1897)**!**. [T: CUP; IMI 95405].
Lit.: SACCARDO (1886: 364), LINDAU (1907: 833).

compactum [Berk. & M.A. Curtis] var. *bosciae* Sacc., Ann. Mycol. 8: 340 (1910)**!**, as 'f. *Bosciae*'.
T: on leaves of *Boscia senegalensis* (Capparidaceae), Eritrea, Barca, Agordat, 23 Feb. 1909, A. Fiori (PAD).
Lit.: SACCARDO (1913: 1367).

compactum Sacc. → *subcompactum* Sacc.

compactum [Sacc.] **punctatum* Sacc. → *punctatum* Sacc.

condylonema Pass., in Briosi & Cavara, F. paras., No. 79 (1889)**!**.

T: on living leaves of *Prunus domestica* (Rosaceae), Italy, Parma, Jun. 1899, Briosi & Cav., F. paras. 79 (BPI 426388; HAL; Univ. Mich. Fungus Collection: syntypes).

= ***Cladosporium herbarum*** (Pers.: Fr.) Link, Ges. Naturf. Freunde Berlin Mag. Neuesten Entdeck. Gesammten Naturk. 7: 37 (1816)**!**.

Lit.: SACCARDO (1892: 604), ADERHOLD (1901: 814), LINDAU (1907: 824), FERRARIS (1912: 341), BRAUN (2001: 53).

Ill.: ADERHOLD (1901: Tab. 18, Fig. 10).

Notes: The species belongs to *C. herbarum* s. lat. and is morphologically intermediate between var. *herbarum* and var. *macrocarpum* (BRAUN 2001).

confusum Matsush., Matsushima Mycol. Mem. 3: 4 (1983)**!**.

T: on bark of *Acer saccharum* (Aceraceae), Canada, Ontario.

Ill.: MATSUSHIMA (1983: 28–29, Figs 145–147).

Notes: MATSUSHIMA (1983) depicts phialosporous form.

congestum Berk. & Broome, J. Linn. Soc., Bot. 14: 99, 1873 (1875)**!**.

T: on leaves of *Litsea* (Lauraceae), India, Ceylon (K 115280; PC).

= ***Spiropes scopiformis*** (Berk.) M.B. Ellis, Mycol. Pap. 114: 30 (1968)**!**.

Lit.: SACCARDO (1886: 359).

Notes: see *C. scopiforme* Berk. The material from PC reads: in Litzoa, Ceylon, Dothidea, Berkeley.

coralloides W. Yamam., Sci. Rep. Hyogo Univ. Agric., Ser. Agric. 4(1): 5 (1959)**!**, nom. inval.

T: isolated from *Ficus carica* and *Oryza sativa*, Japan.

Lit.: HO et al. (1999: 125).

Ill.: YAMAMOTO (1959: 6, Figs 17–20), HO et al. (1999: 124, Figs 12–13).

Notes: This species was not validly published, because the author did not designate a type. The 'lectotype' chosen in HO et al. (1999) is also incorrect since it is not an element from the protologue of the original description. Hence, a formal validation of this name is necessary, which will be proposed in a separate paper based on a re-examination of this fungus.

corchori Z.Y. Zhang & T. Zhang, Plant Diseases and Their Control: 103 (1998).

T: on *Corchorus capsularis* (Tiliaceae), China (MHYAU 03955: holotype).

Ill.: ZHANG et al. (2003: 79, Fig. 43).

coreopsidis H.C. Greene, Trans. Wisconsin Acad. Sci. 45: 190 (1956)**!**.

T: on living leaves of *Coreopsis palmata* (Asteraceae), USA, Wisconsin, Dane Co., Madison, University of Wisconsin Arboretum, 27 Jun. 1955 (BPI 426392; WIS: syntypes).

cornigenum Bubák, in Handel-Mazzetti, Ann. K.K. Naturhist. Hofmus. 23: 106 (1909)**!**.

T: on living leaves of *Cornus australis* (Cornaceae), Turkey, Stephanos, near Trapezunt, 7 Jul. 1907, Handel-Mazzetti, No. 214 (BPI 426393: holotype).

Lit.: SACCARDO (1913: 1367).

corrugatum McAlpine, Fungus Dis. Citrus Trees Austral.: 88 (1899)**!**.

T: on both surfaces of green orange leaves (*Citrus aurantium*, Rutaceae), Australia, Armadale near Melbourne, Jan. 1899 (VPRI 5924: holotype).

Lit.: SACCARDO (1913: 1367).

Ill.: MCALPINE (1899: Fig. 57).

corynitrichum Ellis & Everh., in Millspaugh, West Virginia Geol. Surv., Ser. A, 5: 36 (1913), nom. nud.

T: on dead fallen leaves of *Magnolia fraseri* (Magnoliaceae), USA, West Virginia, Fayette Co., 29 Nov. 1895, L.W. Nuttall (NY; WIS).

Lit.: CASH (1952: 68).

coryphae (Syd. & P. Syd.) J.C. David, Mycol. Pap. 172: 99 (1997)**!**.

T: on leaves of *Corypha elata* (Arecaceae), Philippines, Mindoro, San José, Jan. 1912, P.W. Graff, Syd., F. exot. exs. 48 (S: lectotype, selected by DAVID, 1997; IMI 10041, K, M: isolectotypes).

≡ *Heterosporium coryphae* Syd. & P. Syd., Philipp. J. Sci. 8: 196 (1913).

Ill.: DAVID (1997: 89, Fig. 22 I–K; 101, Fig. 27).

cubense R.F. Castañeda, Fungi Cubensis II: 4 (1987)**!**.

T: on fallen leaves of *Ficus* sp. (Moraceae), Cuba, prov. Guantánamo, Maisí, 24 Apr. 1986, Mayra Camino (INIFAT C86/134: holotype).

Ill.: CASTAÑEDA (1987: Fig. 8).

cubisporum Berk. & M.A. Curtis, in Berkeley, Grevillea 3(27): 107 (1875)**!**.

T: on *Ribes* (Grossulariaceae), USA, Maine, Rev. J. Blake, No. 6318 (K).

≡ ***Coremiella cubispora*** (Berk. & M.A. Curtis) M.B. Ellis, Dematiaceous Hyphomycetes: 33 (1971)**!**.

≡ *Briosia cubispora* (Berk. & M.A. Curtis) Arx, Antonie van Leeuwenhoek J. Microbiol. Serol. 38(3): 293 (1972)**!**.

Lit.: SACCARDO (1886: 355).

cucumerinum Ellis & Arthur, Bull. Agric. Exp. Sta., Indiana 19: 9–10 (1889).

T: on fruits of *Cucumis sativus* (Cucurbitaceae), USA, New York, Geneva, J.C. Arthur (NY).

= *Scolecotrichum melophthorum* Prill. & Delacr., Bull. Soc. Mycol. France 7(1): 219 (1891).

≡ *Macrosporium melophthorum* (Prill. & Delacr.) Rostr., Gartn.-Tidende 24: 18 (1893).

= *Cladosporium cucumeris* A.B. Frank, Z. Pflanzenkrankh. 3: 31 (1893)**!**.

= *Cladosporium scabies* Cooke, Gard. Chron., Ser. 3, 34: 100 (1903)**!**.

Lit.: SACCARDO (1892: 601), LINDAU (1907: 830; 1910: 797), FERRARIS (1912: 349), GONZÁLES-FRAGOSO (1927: 206), CASH (1952: 68), DE VRIES (1952: 62), ELLIS (1971: 318), ELLIS & HOLLIDAY (1972), ELLIS & ELLIS (1985: 339), VON ARX (1987: 193), MCKEMY & MORGAN-JONES (1992), HO et al. (1999: 125).

Ill.: DE VRIES (1952: 63, Fig. 12), ELLIS (1971: 318, Fig. 219 B), ELLIS & HOLLIDAY (1972: Fig.), VON ARX (1987: 194, Fig. 83b), MCKEMY & MORGAN-JONES (1992: 165, Fig. 1; 167, Pl. 1), HO et al. (1999: 124, Fig. 14).

Host(s)/substrate(s) & distribution: on leaves, stems and fruits of Cucurbitaceae, especially *Cucumis sativus*, *C. melo* and *Cucurbita pepo*, other host genera *Citrullus*, *Lagenaria*; cosmopolitan.

Notes: In DE VRIES (1952) and MCKEMY & MORGAN-JONES (1992) '*Macrosporium cucumerinum* Ellis & Everh., Hedwigia 7: 49 (1896)' is cited as a synonym of *Cladosporium cucumerinum*, but in Hedwigia, vol. 7 (published in 1868, not in 1896) there is no reference to this name. On CABI page (Index fungorum) the original citation of *Macrosporium cucumerinum* is given as 'Proc. Acad. Nat. Sci. Philadelphia 1895: 440 (1895)' and '*Alternaria cucumerina* (Ellis & Everh.) A. Elliott, Amer. J. Bot. 4: 472 (1917)' is given as current name.

HASIJA (1967) described this species from India on *Solanum tuberosum*. In Korea it was isolated from *Solanum melongena* (KWON et al. 1999), indicating that *C. cucumerinum* is not confined to hosts of the family Cucurbitaceae. However, additional detailed inoculation experiments and molecular examinations are necessary to prove the host range of this species.

cucumerinum var. *europaeum*, in herb.

On *Cucumis sativus* (Cucurbitaceae), Austria, Carinthia, Poertschack on the Wörther See, Aug. 1902, E. Cerny (BPI 426422).

cucumeris A.B. Frank, Z. Pflanzenkrankh. 3: 31 (1893)**!**.

T: on fruits of *Cucumis sativus* (Cucurbitaceae), Germany, Erkner near Berlin.

= ***Cladosporium cucumerinum*** Ellis & Arthur, Bull. Agric. Exp. Sta., Indiana 19: 9–10 (1889).

Lit.: LINDAU (1907: 830), LIND (1913: 524).

cumulus Preuss, Linnaea 25: 726 (1851)**!**, as '*cumulum*'.

T: on fallen branches, Germany, Hoyerswerda (B).

Lit.: SACCARDO (1886: 356), LINDAU (1907: 810).

cycadis Marcolongo, Riv. Patol. Veg., Ser. 2, 7(1): 8 (1914)**!**.

T: on leaves of *Cycas revoluta* (Cycadaceae), Italy, Napoli (type at R. Istituto Botanico di Napoli?).

Lit.: SACCARDO (1931: 790), ZHANG et al. (1998: 6).

Ill.: ZHANG et al. (1998: 5, Fig. 2).

Notes: "*Cladosporium cycadis* C. Massal., Riv. Patol. Veg. 7: 6 (1914), on *Cycas revoluta*, Italy" (CIFERRI, Quaderno 19: 324 (1961), an error, see *C. cycadis* Marcolongo).

cyclaminis Massey & Tilford, Phytopathology 22(1): 19 (1932)**!**.

T: on *Cyclamen* sp. (Primulaceae), USA, 'received Aug. 1932 from L.M. Massey' (BPI 426434: lectotype, part of type culture).

= ***Ramularia cyclaminicola*** Trel., Trans. Illinois State Acad. Sci. 9: 145 (1916). [T: ILL 14246: holotype].

Lit.: BAKER et al. (1950), BRAUN (1998: 226), ZHANG et al. (1999: 38).

Notes: This species, previously only known from North America, has recently been reported from Asia (China) by ZHANG et al. (1999).

cyrtomii Z.Y. Zhang, H.H. Peng & H. Zhang, in Zhang, Peng, Liu & Zhang, Mycosystema 17(1): 4 (1998)**!**.

T: on living leaves of *Cyrtomium caryotideum* (Dryopteridaceae), China, Prov. Yunnan, Gejiu, 9 Dec. 1994, Wang Ying-xiang & Li Mao-lan (MHYAU 04048).

Ill.: ZHANG et al. (1998: 4, Fig. 1).

cyttariicola Speg., Physis (Buenos Aires) 7(23): 20 (1923)**!**, as '*cyttariicolum*'.

T: on *Cyttaria harioti* (Cyttariaceae, Ascomycetes), Argentina, Tierra del Fuego, Puerto Garibaldi.

Lit.: FARR (1973: 251, as '*cyttariicolum*').

daphniphylli Sawada, Rep. Gov. Res. Inst. Formosa 85: 91 (1943)**!**, nom. inval.

T: on *Daphniphyllum glaucescens* (Daphniphyllaceae), Taiwan, 8 Feb. 1931, K. Sawada (PPMH).

Notes: diagnosis only in Japanese, not validly published.

decolorans McAlpine, in herb.

On *Cynosurus cristatus* (Poaceae), Australia (VPRI).

delectum Cooke & Ellis, Grevillea 6(37): 6 (1877)**!**.

T: on leaves of *Magnolia glauca* (Magnoliaceae), USA, New Jersey, Newfield (K; NY).

Lit.: SACCARDO (1886: 358), LINDAU (1907: 822), FERRARIS (1912: 341), CASH (1952: 68).

Ill.: COOKE & ELLIS (1877: Pl. 96, Fig. 36).

delectum [Cooke & Ellis] f. *ailanthi-glandulosae* Thüm., Mycoth. univ., Cent. XVII, No. 1666 (1880)**!**, nom. nud.

T: on leaves of *Ailanthus glandulosa* (= *A. altissima*) (Simaroubaceae), USA, South Carolina, Aiken, H.W. Ravenel, Thüm., Mycoth. univ. 1666 (e.g., HAL).

delicatulum Cooke, Grevillea 5(33): 17 (1876)**!**.

T: on dead leaves, India, Colonel Hobsen, No. 23 (K 121551: isotype).

Lit.: SACCARDO (1886: 361).

dematiosum Ellis & Langl., in herb.

On rotten stems of oak (*Quercus* sp., Fagaceae), USA, Louisiana, St. Martin, 23 Mar. 1888, A.B. Langlois, Fl. Ludoviciana 1264 (NY).

Notes: Specimen in Myc. Coll. (CASH 1952: 68).

dendriticum Desm. – GOLA (1930).

dendriticum Wallr., Fl. crypt. Germ. 2: 169 (1833)**!**.

T: on leaves of *Pyrus malus* (Rosaceae), Germany, Thuringia (B; STR: syntypes).

≡ *Fusicladium dendriticum* (Wallr.) Fuckel, Jahrb. Nassauischen Vereins Naturk. 23–24: 357 '1869' (1870)**!**.

≡ *Passalora dendritica* (Wallr.) Sacc., Mycoth. ven., Cent. XII, No. 1246 (1876)**!**, [*Michelia* 1(2): 265 (1878)].

= ***Fusicladium pomi*** (Fr.) Lind, Dan. fung.: 521 (1913)**!**.
Teleomorph: *Venturia inaequalis* (Cooke) G. Winter, Hedwigia 36: 81 (1897)**!**.
Lit.: COOKE (1871: 583), SACCARDO (1886: 345), LINDAU (1907: 779), SIVANESAN (1984: 616, as *Spilocaea pomi*), RITSCHEL (2001), CROUS & BRAUN (2003: 485), SCHUBERT et al. (2003: 76).
Notes: Further synonyms are given in SCHUBERT et al. (2003).

dendriticum [Wallr.] var. ß *orbiculatum* Berk., Gard. Chron. 1848: 716 (1848)**!** (?).
Lit.: COOKE (1871: 583).
Notes: 'Gard. Chron. 1848: 716 (1848)' has been checked, but the name 'var. *orbiculatum*' is not present.

dendriticum [Wallr.] var. *heteromeles* Harkn. (1881), in herb.
On *Heteromeles arbutifolia* (Rosaceae), USA, California, Jun. 1881 (BPI 426448).
= ***Fusicladium pomi*** (Fr.) Lind, Dan. fung.: 521 (1913)**!**.
Lit.: RITSCHEL (2001), SCHUBERT et al. (2003: 76).

dendryphioides Ellis, in herb.
On *Phytolacca* sp. (Phytolaccaceae), USA, New Jersey.
Notes: Specimen in Myc. Coll. (CASH 1952).

densum Sacc., Bull. Orto Bot. Regia Univ. Napoli 6: 71 (1921)**!**.
T: on dead stems of *Ricinus communis* (Euphorbiaceae), Italy, Salerno, Scafati, A. Trotter.
Lit.: SACCARDO (1931: 791).

depressum Berk. & Broome, Ann. Mag. Nat. Hist., Ser. 2, 7: 99 (1851)**!**.
T: on *Angelica sylvestris* (Apiaceae), Great Britain (K).
≡ ***Passalora depressa*** (Berk. & Broome) Sacc., Nuovo Giorn. Bot. Ital. 8: 187 (1876)**!**.
≡ *Fusicladium depressum* (Berk. & Broome) Roum., F. gall. exs., No. 86 (1879)**!**.
≡ *Scolecotrichum depressum* (Berk. & Broome) J. Schröt., in Cohn, Krypt.-Fl. Schlesien, Bd. 3(2), Heft 4: 497 (1897)**!**.
≡ *Cercospora depressa* (Berk. & Broome) Vassiljevsky, in Vassiljevsky & Karakulin, Parazitnye nesovershennye griby, Ch. I, Gifomicety: 385 (1937)**!**.
≡ *Megacladosporium depressum* (Berk. & Broome) Vienn.-Bourg., Les champignons parasites des plantes cultivées 2: 1488 (1949), comb. inval.
≡ *Cercosporidium depressum* (Berk. & Broome) Deighton, Mycol. Pap. 112: 37 (1967)**!**.
≡ *Passalora depressa* (Berk. & Broome) Poonam Srivast., J. Liv. World 1(2): 114 (1994)**!**, comb. inval.
= *Passalora polythrincioides* Fuckel, Jahrb. Nassauischen Vereins Naturk. 23–24: 353 '1869' (1870). [T: Fuckel, F. rhen. 103, e.g., HAL].
= *Fusicladium peucedani* Syd. & P. Syd., Ann. Mycol. 5: 340 (1907), nom. illeg., homonym, non *F. peucedani* Ellis & Holw., 1895. [T: B; S].
= ? *Cercospora depressa* f. *angelicae* Dzhanuz., Trudy Vsesoyuzn. Inst. Zashch. Rast. 19: 9 '1963' (1964).
Teleomorph: *Mycosphaerella angelicae* Woron., Vestn. Tiflissk. Bot. Sada 28: 17 (1913).
Lit.: COOKE (1871: 584), LINDAU (1907: 786), OUDEMANS (1923), CROUS & BRAUN (2003: 157).

desmotrichum Desm., Ann. Sci. Nat. Bot., Sér. 3, 16: 297 (1851)**!**, as '*desmitrichum*'.
T: on dry leaves of *Fraxinus ornus* (Oleaceae), France (PC).
Lit.: SACCARDO (1886: 360), FERRARIS (1912: 346), OUDEMANS (1923).

devriesii A.A. Padhye & Ajello, in Gonzalez, Alfonso, Seckinger, Padhye & Ajello, Sabouraudia 22(5): 430 (1984)**!**.
T: from breast of *Homo sapiens*, Cayman Islands. [ATCC 56280 ex-type (= CBS 147.84)].
≡ ***Cladophialophora devriesii*** (A.A. Padhye & Ajello) de Hoog, Kwon-Chung & McGinnis, in de Hoog, Guého, Masclaux, Gerrits van den Ende, Kwon-Chung & McGinnis, J. Med. Veterin. Mycol. 33: 344 (1995)**!**.

Lit.: KWON-CHUNG & BENNETT (1992: 645), HO et al. (1999: 147), DE HOOG et al. (2000: 573), SCHELL (2003: 578).

dianellicola Y. Cui & Z.Y. Zhang, in He & Zhang, Mycosystema 20(4): 470 (2001)**!**.

T: on living leaves of *Dianella ensifolia* (Phormiaceae), China, Zhejiang Prov., Hangzhou, 2 Nov. 1980, J.Y. Li & T.Y. Zhang (MHYAU 03922: holotype).

≡ *Cladosporium dianellicola* Z.Y. Zhang & Y. Cui, in Zhang et al., Flora Fungorum Sinicorum, Vol. 14: 88 (2003)**!**, nom superfl.

Ill.: HE & ZHANG (2001: 470, Fig. 2), ZHANG et al. (2003: 88, Fig. 52).

diaphanum Thüm., Mycoth. univ., Cent. XIX, No. 1868 (1881)**!**.

T: on dead leaves of *Photinia serrulata* (Rosaceae), France, Lyon, Jun. 1880, J. Therry, Thüm., Mycoth. univ. 1868 (HAL: lectotype; Thüm., Mycoth. univ. 1868: isolectotypes).

Lit.: SACCARDO (1892: 603), ELLIS (1976: 342), BRAUN (2001: 56).

Ill.: ELLIS (1976: 341, Fig. 259 B), BRAUN (2001: 55, Fig. 2).

dieffenbachiae Verpl. & Van den Broecke, Ann. Soc. Sci. Bruxelles, Sér. B, 56: 105 (1936)**!**.

T: on dead leaves of *Dieffenbachia magnifica* (Araceae), Belgium, Gent, botanical garden, Sept. 1935, associated with *Septoria dieffenbachiae* Verpl. & Van den Broecke (GENT: holotype).

digitalicola Z.Y. Zhang, T. Zhang & W.Q. Pu, Mycosystema 17(3): 195 (1998)**!**.

T: on living flowers of *Digitalis purpurea* (Scrophulariaceae), China, Prov. Yunnan, Kunming, 25 Jun. 1990, Li Hua (MHYAU 03934).

Ill.: ZHANG et al. (1998: 196, Fig. 1).

dracaenatum Thüm., Mycoth. univ., Cent. XIX, No. 1869 (1881)**!**.

T: on living leaves of *Dracaena cooperi* (Dracaenaceae), USA, South Carolina, Aiken, 1876, H.W. Ravenel, Thüm., Mycoth. univ. 1869 (BPI 426454; BR-MYC 8172,86; HAL; M).

Lit.: SACCARDO (1892: 605).

Notes: see *C. elatum*.

dufourii Brond., Arch. Fl. 1: 60 (1854)**!**.

T: on decaying fruits of cucurbits (Cucurbitaceae), France, autumn and winter (TL).

Lit.: SACCARDO (1886: 370).

Notes: Types of Louis de Brondeau are at TL [according to STAFLEU & MENNEGA (1995)].

echinulatum (Berk.) Cooke – ATCC 56129 (JONG et al. 1996).

Note: There is no such validly published name as *C. echinulatum* (Berk.) Cooke. Was actually deposited (Form 1F in ATCC records) as *C. echinulatum* (Berkeley) de Vries.

echinulatum (Berk.) G.A. de Vries, Contr. Knowl. Genus *Cladosporium*: 49 (1952)**!**.

T: on *Dianthus caryophyllus* (Caryophyllaceae), Great Britain, Feb. 1870, ex herb. M.J. Berkeley (K: lectotype, selected by DAVID, 1997).

≡ *Helminthosporium echinulatum* Berk., Gard. Chron. 1870: 382 (1870).

≡ *Heterosporium echinulatum* (Berk.) Berk. & Broome, in Cooke, Grevillea 5(35): 123 (1877)**!**.

= *Heterosporium circinale* Klotzsch, Herb. viv. myc., No. 188 (1832)**!**, nom. inval.

= *Helminthosporium exasperatum* Berk. & Broome, Ann. Mag. Nat. Hist., Ser. 4, 11: 345 (1873).

≡ *Heterosporium exasperatum* (Berk. & Broome) Cooke, Grevillea 16(80): 109 (1888)**!**.

= *Heterosporium dianthi* Sacc. & Roum., Rev. Mycol. (Toulouse) 3(11): 57 (1881).

= *Heterosporium echinulatum* var. *dianthi* Losa, Collect. Bot. (Barcelona) 3: 149 (1952).

= ? *Heterosporium dianthi* Sawada, Bull. Gov. Forest Exp. Sta. 105: 98 (1958), nom. illeg., homonym, non *H. dianthi* Sacc. & Roum., 1881.

Teleomorph: *Davidiella dianthi* (C.C. Burt) Crous & U. Braun, in Braun, Crous, Dugan, Groenewald & de Hoog, Mycol. Progr. 2(1): 10 (2003)**!**.

Lit.: ELLIS (1971: 311), SUBRAMANIAN (1971: 291–293), SIVANESAN (1984: 222), DAVID (1988b; 1997: 34–40), HO et al. (1999: 127).

Ill.: ELLIS (1971: 311, Fig. 215 A), SUBRAMANIAN (1971: 292, Fig. 226), SIVANESAN (1984: 223, Fig. 119), DAVID (1988b: Fig.; 1997: 37–38, Figs 7, 8 A–C), HO et al. (1999: 126, Figs 15–16).

Host(s)/substrate(s) & distribution: on leaves and sometimes also inflorescences of various species of *Dianthus*, but also other members of the Caryophyllaceae, including e.g. *Cerastium*, *Lychnis*, *Saponaria*, *Silene* and *Viscaria*; widespread.

edgeworthiae H. Zhang & Z.Y. Zhang, Mycosystema 17(4): 305 (1998)**!**.

T: on living leaves of *Edgeworthia chrysantha* (Thymelaeaceae), China, Jiangxi, Lushan, 15 Oct. 1980, J.Y. Li & T.Y. Zhang (MHYAU 03957: holotype).

Ill.: ZHANG & ZHANG (1998: 305, Fig. 2).

effusum Berk. & M.A. Curtis, in Berkeley, Grevillea 3(27): 106 (1875)**!**.

T: on *Polygonum punctatum* (Polygonaceae), USA, South Carolina, Society Hill, No. 3775 (IMI 104922; K: lectotype).

≡ *Cercospora effusa* (Berk. & M.A. Curtis) Ellis, J. Mycol. 1: 53 (1885).

≡ *Didymaria effusa* (Berk. & M.A. Curtis) Solheim, Illinois Biol. Monogr. 12: 65 (1930).

≡ ***Passalora effusa*** (Berk. & M.A. Curtis) U. Braun, Mycotaxon 55: 231 (1995)**!**.

= *Cercospora polygonorum* Cooke, Hedwigia 17: 39 (1878)**!**. [T: K].

≡ *Pseudocercospora polygonorum* (Cooke) Y.L. Guo & X.J. Liu, Mycosystema 4: 110 (1991)**!**.

= *Helminthosporium hydropiperis* Thüm., Rev. Mycol. (Toulouse) 1: 60 (1879). [T: Thüm., Mycoth. univ. 1087, e.g., HAL].

≡ *Cercospora hydropiperis* (Thüm.) Speg., Bol. Acad. Nac. Ci. 9: 191 (1880).

Lit.: SACCARDO (1886: 362, 447), CHUPP (1954: 451, as *Cercospora polygonorum*), DEIGHTON (1986: 637), CROUS & BRAUN (2003: 170).

Notes: In the original diagnosis three collections on different hosts were mentioned, DEIGHTON (1986) designated the collection on *Polygonum* as lectotype. The specimens on *Lobelia* species refer to a similar, but distinct *Passalora*.

effusum G. Winter (GOTTWALD 1982).

Notes: This entry belongs to material examined from the National Fungus Collection. See *C. caryigenum* and the species below.

effusum (G. Winter) Demaree, J. Agric. Res. 37: 186 (1928)**!**, nom. illeg., homonym, non *C. effusum* Berk. & M.A. Curtis, 1875.

T: on *Carya tomentosa* (= *Carya alba*) (Juglandaceae), USA, Illinois, Cobden Zels., 1 Oct. 1882, F.S. Earle (B: holotype).

≡ ***Fusicladium effusum*** G. Winter, J. Mycol. 1: 101 (1885).

≡ *Fusicladosporium effusum* (G. Winter) Partridge & Morgan-Jones, Mycotaxon 85: 364 (2003)**!**.

= *Fusicladium caryigenum* Ellis & Langl., J. Mycol. 4: 124 (1888)**!**. [T: BPI; M; NY].

≡ *Cladosporium caryigenum* (Ellis & Langl.) Gottwald, Mycologia 74(3): 388 (1982)**!**.

Lit.: SCHUBERT & BRAUN (2002a), SCHUBERT et al. (2003: 41–43).

elatum (Harz) Nannf., in Melin & Nannfeldt, Svenska Skogsvardsfoereren Tidskr. 32(3–4): 397 (1934).

T: on an old stump, Germany.

≡ *Hormodendrum elatum* Harz, Bull. Soc. Imp. Naturalistes Moscou 44(1): 140 (1871).

≡ *Cadophora elatum* (Harz) Nannf., in Melin & Nannfeldt, Svenska Skogsvardsfoereren Tidskr. 32(3–4): 422 (1934).

= ? *Cladosporium dracaenatum* Thüm., Mycoth. univ., Cent. XIX, No. 1869 (1881)**!**.

Lit.: DE VRIES (1952: 67), ELLIS (1976: 326), MATSUSHIMA (1983: 4), HO et al. (1999: 127), DE HOOG et al. (2000: 585).

Ill.: DE VRIES (1952: 67, Fig. 14), MINOURA (1966: 141, Fig. 4A), ELLIS (1976: 327, Fig. 245 B), MATSUSHIMA (1983: 26–27, Figs 143–144), HO et al. (1999: 126, Fig. 17), DE HOOG et al. (2000: 585–586, Figs).

elegans Matsush., Icones Microfungorum a Matsushima Lectorum: 35 (1975)**!**, nom. illeg., non *C. elegans* Penz., 1882.

T: isolated from garden soil, Japan, Yaku Island (Matsushima herb. 4109).

elegans Penz., in Saccardo, Michelia 2(8): 471 (1882)**!**.

T: on living leaves of *Citrus* sp. (Rutaceae), Italy, Padova, Mar. 1882, O. Penzig.

Lit.: SACCARDO (1886: 358), LINDAU (1907: 825), FERRARIS (1912: 342), GONZÁLES-FRAGOSO (1927: 201).

Notes: "Subaffine *Cladosporio noduloso* Corda" (see SACCARDO 1886). OUDEMANS (1920–1923) listed *Urtica dioica*, *Hedera helix* and *Lonicera tatarica* as hosts of this species, although it was described as parasitic on *Citrus*.

elegans [Penz.] var. *singaporense* Sacc., Bull. Orto. Bot. Regia Univ. Napoli 6: 60 (1921)**!**.

T: on leaves of *Citrus acida* (Rutaceae), Singapore, Botanical Garden, Aug. 1917, Baker, No. 4985 (PAD).

Lit.: SACCARDO (1931: 795).

elegantulum Pidopl. & Deniak, Mikrobiol. Zhurn. 5(2): 182, 193 (1938)**!**, nom. inval.

T: from a rotting fruit of *Malus* sp. (Rosaceae) and from meat, Ukraine.

Lit.: PIDOPLICHKO (1953: 270).

Ill.: PIDOPLICHKO & DENIAK (1938: 182, Fig. 1).

elsinoes H.C. Greene, Trans. Wisconsin Acad. Sci. 47: 127 (1958)**!**.

T: on fructifications of *Elsinoe wisconsinensis* (Elsinoaceae) on *Desmodium illinoense* (Fabaceae), USA, Wisconsin, Lafayette Co., Ipswich near Platteville, 16 Aug. 1951, H.C. Greene (BPI 426465A, BPI 426465B; WIS: syntypes).

entoxylinum Corda, Icon. fung. 1: 14 (1837)**!**.

T: on wood of *Pinus* sp. (Pinaceae), Czech Republic, Reichenberg, Corda (PRM).

Lit.: SACCARDO (1886: 353), LINDAU (1907: 811; 1910: 796), OUDEMANS (1919, 1923).

Ill.: CORDA (1837: Tab. 3, Fig. 202).

Notes: OUDEMANS (1923) listed *C. entoxylinum* as pathogen of *Sambucus racemosa* (Caprifoliaceae).

epacridis McAlpine, Victoria Naturalist 17(10): 186 (1901)**!**.

T: on living leaves of *Epacris impressa* (Epacridaceae), Australia, Victoria, Caulfield, Aug. 1900, C. French (VPRI).

Lit.: SACCARDO (1902: 1058).

epibryum Cooke & Massee, in Cooke, Grevillea 17(84): 76 (1889)**!**.

T: on capsules of various mosses, USA, E.G. Britton (K).

Lit.: SACCARDO (1892: 605).

epichloes Lobik, Bolezni Rast. 17(3-4): 189 (1928)**!**.

T: on stroma of *Epichloe typhina* (Clavicipitaceae) on *Bromus inermis* (Poaceae), Russia, 'Leyss., Bezirk v. Piatigorsk, im Walde am Abhange d. Berges Maschuk, bei d. Lermontowschen Haltestelle', 26 Sept. 1923 (LE: holotype).

Ill.: LOBIK (1928: Tab. 8, Fig. 86).

epimyces Cooke, Grevillea 12(61): 31 (1883)**!**.

T: on pileus of *Agaricus melleus* (Agaricaceae), USA, South Carolina, Aiken, Rav., F. amer. exs. 596 (BPI 426471; NY).

epiphyllum Peck – DOV [A. Commons 1379 (SUMSTINE 1949: 18)].

epiphyllum (Pers.: Fr.) Nees, Syst. Pilze 1: 67 (1817)**!** and in Mart., Fl. crypt. erlang.: 351 (1817)**!**: Fr., Syst. mycol. 3(2): 370 (1832)**!**.

T: on dry leaves (L 910.225-646).

≡ *Dematium epiphyllum* Pers., Syn. meth. fung. 2: 695 (1801)**!**.

≡ *Cladosporium epiphyllum* (Pers.) Link, in Willd., Sp. pl. 6(1): 42 (1824)**!**.

≡ *Chloridium epiphyllum* (Pers.) Chevall., Fl. gén. env. Paris 1: 35 (1826)**!**.

≡ *Cladosporium epiphyllum* (Pers.) Fries, Syst. mycol. 3(2): 370 (1832)**!**.

= ***Cladosporium herbarum*** (Pers.: Fr.) Link, Ges. Naturf. Freunde Berlin Mag. Neuesten Entdeck. Gesammten Naturk. 7: 37 (1816)**!**.

Lit.: CORDA (1837: 14), COOKE (1871: 583), SACCARDO (1886: 360), LINDAU (1907: 804; 1910: 795), FERRARIS (1912: 334; 1914: 882), GONZÁLES-FRAGOSO (1927: 199), LIND (1913: 523), DE VRIES (1952: 71), HUGHES (1958: 750).

epiphyllum [(Pers.: Fr.) Nees] β *chionanthi* (Pers.) Link, in Willd., Sp. pl. 6(1): 42 (1824)**!**.

T: on leaves of *Chionanthus* (Oleaceae).

≡ *Dematium epiphyllum* [Pers.] β *chionanthi* Pers., Mycol. eur. 1: 16 (1822)**!**.

epiphyllum [(Pers.: Fr.) Nees] var. *acerinum* Sacc., Nuovo Giorn. Bot. Ital., N.S., 27: 86 (1920)**!**.

T: on leaves, partly becoming dry, of *Acer platanoides* (Aceraceae), USA, Idaho, Coeur d'Alene, Sept. 1918, N.W. Scherer, No. 10027 (PAD).

Lit.: SACCARDO (1931: 787).

episclerotiale Bubák, Ann. Mycol. 12: 213 (1914)**!**.

T: on sclerotia of *Sclerotinia cinerea* (Sclerotiniaceae) on fruits of *Prunus domestica* (Rosaceae), Italy, Tyrol, Arco, Mar. 1913, E. Diettrich-Kalkhoff (BPI 426531: holotype).

Lit.: SACCARDO (1931: 797)**!**.

episphaerium Schwein., Trans. Amer. Philos. Soc., N.S., 4(2): 278 (1832)**!**, as '*episphaeria*'.

T: on *Sphaeria* species, USA, Pennsylvania, Bethlehem, No. 2607 (PH).

= ? *Dematium episphaerium* Alb. & Schwein., Consp. fung. lusat.: 369 (1805)**!**.

Lit.: SACCARDO (1886: 369), OUDEMANS (1919; 1920: on *Hypoxylon rubiginosum*; 1924).

epixilinum Corda – GOLA (1930: 20).

Notes: see *C. herbarum* var. *epixylinum* Corda.

equiseti Pass., in herb.

On *Equisetum ramosum* (Equisetaceae), Italy, Emilia Romagna, Parma, 1873, G. Passerini (B).

erianthi Thüm., Rev. Mycol. (Toulouse) 1: 59 (1879)**!**.

T: on dry culms and leaves of *Erianthus saccharoides* (Poaceae), USA, South Carolina, Aiken, H.W. Ravenel, Thüm., Mycoth. univ. 1766 (e.g., BPI 426532; BR-MYC 81373,87; HAL; M; NY).

Lit.: SACCARDO (1886: 364).

eriobotryae Pass. & Beltrani, Transunti, Ser. 3, 7(1): 38 (1882)**!**.

T: on dry leaves of *Eriobotrya japonica* (Rosaceae), Italy, Sicily, Monostalla, Sept. 1878.

Lit.: SACCARDO (1886: 356), LINDAU (1907: 824), FERRARIS (1912: 344).

eriolobi Thaung, Trans. Brit. Mycol. Soc. 63(3): 620 (1974)**!**.

T: on living leaves of *Eriolobus indica* (Rosaceae), Burma, Maymyo, Botanical Garden, 28 Dec. 1972, Mya Thaung (IMI 175732: holotype).

Ill.: THAUNG (1974: 621, Fig. 2).

eschscholtziae (Harkn.) Dingley, nom. ined.

T: on leaves of *Eschscholtzia californica* (Papaveraceae), USA, California, San Francisco, Jan. [1884], Harkness, No. 3116 (holotype destroyed).

≡ *Heterosporium eschscholtziae* Harkn., Bull. Calif. Acad. Sci. 1: 38 (1884).

≡ ***Acroconidiella eschscholtziae*** (Harkn.) M.B. Ellis, More Dematiaceous Hyphomycetes: 407 (1976)**!**.

Lit.: DAVID (1997: 111).

eucalypti Tassi, Bull. Lab. Orto Bot. Reale Univ. Siena 3(1): 20 (1900).

T: on frozen leaves of *Eucalyptus globulus* (Myrtaceae), Italy, Siena, botanical garden (SIENA?).

Lit.: SACCARDO (1902: 1057), LINDAU (1907: 827), FERRARIS (1912: 342), GONZÁLES-FRAGOSO (1927: 202).

Ill.: GONZÁLES-FRAGOSO (1927: 202, Fig. 45).

eucalypticola M.B. Ellis, on CABI page, in herb.?, Kirk et al. (n. d.).

euphorbiae Politis, Pragmat. Akad. Athen 4: 39 (1935)**!**.

T: on *Euphorbia sibthorpii* (Euphorbiaceae), Greece, Attica, near Athina.

Lit.: SACCARDO (1972: 1337).

exoasci Ellis & Barthol., in Shear, F. columb., Cent. XV, No. 1493 (1901)**!**, nom. nud.

T: on *Exoascus communis* on *Prunus americana* (Rosaceae), USA, Colorado, Walsenberg, Jul. 1900, C.L. Shear, Shear, F. columb. 1493 (e.g., NY).

= ***Cladosporium exoasci*** Lindau, in Rabenhorst, Krypt.-Fl., ed. 2, 1(8): 808 (1907)**!**.

Lit.: SACCARDO (1913: 1370, as '*C. exoasci* Ellis').

exoasci Lindau, in Rabenhorst, Krypt.-Fl., ed. 2, 1(8): 808 (1907)**!**.

T: on *Taphrina pruni* (= *Exoascus rostrupianus*) (Taphrinaceae) on *Prunus spinosa* (Rosaceae), Germany, Hessen-Nassau, Rhön, near Gersfeld, ca. 500 m, 31 Jul. 1906, O. Jaap, F. sel. exs. 248 (B: lectotype; Jaap, F. sel. exs. 248: isolectotypes).

= *Cladosporium exoasci* Ellis & Barthol., in Shear, F. columb., Cent. XV, No. 1493 (1901)**!**, nom. nud.

Lit.: LINDAU (1910: 796), SACCARDO (1913: 1370), BRAUN (2001: 54–56).

Ill.: BRAUN (2001: 55, Fig. 1).

exobasidii Jaap, Verh. Bot. Vereins Prov. Brandenburg 49: 29 (1907)**!**.

T: on *Exobasidium vaccinii* (Exobasidiaceae) galls on *Vaccinium uliginosum* (Ericaceae), Germany, Rhön, Gersfeld, Rotes Moor, 30 Jul. 1906, O. Jaap (B).

Lit.: LINDAU (1907: 808; 1910: 796), LIND (1913: 522), SACCARDO (1913: 1371), BRAUN (2001: 57).

Ill.: BRAUN (2001: 55, Fig. 3).

Notes: DE VRIES (1952) and HO et al. (1999) cite *C. exobasidii* as a synonym of *Cladosporium cladosporioides* (Fresen.) G.A. de Vries, but the former species is well-distinguished by having frequently nodulose, but not or only slightly geniculate–sinuous conidiogenous cells with numerous aggregated scars (BRAUN 2001). In OUDEMANS (1919) this species is treated as a synonym of *Cladosporium fuligineum* Bonord. (= *C. herbarum*).

extoma Sacc. – GOLA (1930: 20) listed the type at PAD.

Notes: Maybe this is an error in GOLA (1930) and *C. extorre* was intended.

extorre Sacc., Nuovo Giorn. Bot. Ital., N.S., 27: 86 (1920)**!**.

T: on the bark of young twigs of Whitney Crab Apple (= *Pyrus coronaria*) (Rosaceae), USA, Wyoming, Tonington, 12 Jun. 1917, V. Simmons, No. 10335 (PAD).

Lit.: SACCARDO (1931: 795).

fagi Oudem., Ned. Kruidk. Arch., Ser. 3, 2(3): 768 (1902)**!** and Beih. Bot. Centralbl. 11: 538 (1902)**!**.

T: on fallen, dry leaves of *Fagus silvatica* (Fagaceae), the Netherlands, Bussum, 11 Oct. 1901, C.J. Koning (L).

= ? *Cladosporium herbarum* (Pers.: Fr.) Link, Ges. Naturf. Freunde Berlin Mag. Neuesten Entdeck. Gesammten Naturk. 7: 37 (1816)**!**.

Lit.: SACCARDO (1906: 577), LINDAU (1907: 821), OUDEMANS (1920), DE VRIES (1952: 71).

farnetianum Sacc., Syll. fung. 22: 1366 (1913)**!**.

T: on fruits of *Citrus limon* (Rutaceae), Italy, Sicily.

≡ *Cladosporium citri* Briosi & Farneti, Atti Ist. Bot. Univ. Pavia, Ser. 2, 10: 19 (1907)**!**, nom. illeg., homonym, non *C. citri* Massee, 1899.

≡ *Kurosawaia citri* Hara, List of Japanese Fungi, ed. 4: 172 (1954), nom. nov., as '(Briosi & Farneti) Hara'.

Lit.: FERRARIS (1914: 884).

Notes: see comments on *C. citri* Massee above.

fasciculare Fr., Syst. mycol. 3(2): 370 (1832)**!**.

T: on herbal stems.

≡ *Dematium articulatum* Pers., Neues Mag. Bot. 1: 121 (1794)**!**.

= *Helminthosporium vesicarium* Wallr., Fl. crypt. Germ. 2: 166 (1833)**!**.
Lit.: COOKE (1871: 583), SACCARDO (1886: 367), LINDAU (1907: 817), FERRARIS (1912: 339), OUDEMANS (1919–1924), GONZÁLES-FRAGOSO (1927: 207).
Ill.: PERSOON (1794: Tab. 4, Fig. 2).

fasciculare f. *chamaeropis* Unamuno, Trab. Secc. Cienc. Nat. Congr. Assoc. Progr. Cienc. Oporto 1921: 60 (1922).
T: on leaves of *Chamaerops humilis* (Arecaceae), Spain, near Oriedo, May 1921, P. Unamuno (MA 06416).

fasciculatum Corda, Icon. fung. 1: 15 (1837)**!**.
T: on *Scirpus* (Cyperaceae), Czech Republic, 'prope Okoř Bohemiae' (PRM).
= ***Cladosporium herbarum*** (Pers.: Fr.) Link, Ges. Naturf. Freunde Berlin Mag. Neuesten Entdeck. Gesammten Naturk. 7: 37 (1816)**!**.
Lit.: SACCARDO & BERLESE (1884: 100), SACCARDO (1886: 366), LINDAU (1907: 816), FERRARIS (1912: 338; 1914: 883), GONZÁLES-FRAGOSO (1927: 210).
Ill.: CORDA (1837: Tab. 4, Fig. 216).

fasciculatum [Corda] f. *amerotrichum* Traverso, Malpighia 19: 149 (1905)**!**.
T: on faded leaves of *Gladiolus* sp. (Iridaceae), Italy, Prov. Di Como, Villa Stroppa in Tradate, Sept. 1902.
Lit.: SACCARDO (1906: 577), LINDAU (1907: 817), OUDEMANS (1919).
Notes: TRAVERSO (1905) described it as differing from typical *C. fasciculatum* in having non-septate conidiophores.

fasciculatum var. *densum*, in herb.
On *Euonymus japonica* (Celastraceae), USA, South Carolina (BPI 426554).

fermentans Goto, Yamak. & Yokots., J. Agric. Chem. Soc. Japan 49(7): 380 (1975)**!**.
T: from olive fruit waste, Japan, Kofu, 12 Jun. 1968, S. Goto (RIFY 0587).
= *Pichia burtonii* Boidin, Pignal, Lehodey, Vey & Abadie, Bull. Soc. Mycol. Fr. 80: 437 '1964' (1965).
≡ *Endomycopsis burtonii* (Boidin, Pignal, Lehodey, Vey & Abadie) Kreger, The Yeasts, Ed. 2: 174 (1970), nom. inval.
≡ ***Hyphopichia burtonii*** (Boidin, Pignal, Lehodey, Vey & Abadie) Arx & Van der Walt, Antonie van Leeuwenhoek J. Microbiol. Serol. 42(3): 310 (1976)**!**.

ferox (Kabát & Bubák ex Lindau) J.C. David, Mycol. Pap. 172: 40 (1997)**!**.
T: on leaves of *Ranunculus arvensis* (Ranunculaceae), Czech Republic, Tábor, in the botanical garden, 12 Jul. 1906, F. Bubák, Kab. & Bub., F. imp. exs. 444 (BPI: lectotype).
≡ *Heterosporium ferox* Kabát & Bubák ex Lindau, in Rabenhorst, Krypt.-Fl., ed. 2, 1(9): 83 (1910)**!**.
≡ *Heterosporium ferox* Kabát & Bubák, F. imp. exs., Fasc. 9, No. 444 (1907)**!**, nom. inval.
Ill.: DAVID (1997: 41–42, Figs 9–10).

ferrugineum Allesch., in Hennings, Hedwigia 34: 116 (1895)**!**.
T: on leaves of *Sweetia bijuga* (Fabaceae), Brazil, Minas Geraës, Paranahyba, Jul. 1892, E. Ule, No. 1905 (M; HBG; PC).
Lit.: SACCARDO (1895: 619).

ferrugineum R.F. Castañeda, Fungi Cubensis II: 4 (1987)**!**, nom. illeg., homonym, non *C. ferrugineum* Allescher, 1895.
T: on living leaves of *Nectandra coriacea* (Lauraceae), Cuba, prov. Matanzas, Calimete, 24 Jan. 1987, R.F. Castañeda [INIFAT C87/45: holotype; CBS 784.87 (ex-type)].
Ill.: CASTAÑEDA (1987: Fig. 7).

ferrugineum Sacc. – GOLA (1930: 20) listed type at PAD.
Notes: Maybe an error in GOLA (1930) and *C. fumagineum* Sacc. was intended.

festucae Sawada, Bull. Gov. Forest Exp. Sta. 105: 95 (1958)**!**.
T: on leaves of *Festuca japonica* (Poaceae), Japan, Tohoku District, 29 Sept. 1947.

fici F. Patt., Bull. Torrey Bot. Club 27: 285 (1900)**!**.

T: on living leaves of *Ficus parcelli* (Moraceae), USA, Department of Agriculture, greenhouse, Jan. 1900, F.W. Patterson (herb. of the Division of Vegetable Physiology and Pathology, U.S. Department of Agriculture).

Lit.: SACCARDO (1902: 1059).

flueggeae Thüm., ad. int., in Rabenhorst, F. eur., Cent. XVI, No. 1571 (1872)**!**, nom. nud.

T: on leaves of *Flueggea japonica* (Euphorbiaceae), Greece, Athina, 20 Sept. 1869, de Heldreich, Rabenh., F. eur. 1571 (e.g., HAL; HBG).

foliorum, in herb.

On *Angelica breweri* (Apiaceae), USA, California, Amador Co., Pine Grove, Aug. 1896, G. Hansen (BPI 426580–426581).

Notes: cf. *C. herbarum* α *foliorum*.

forsythiae Z.Y. Zhang & T. Zhang, in Zhang, Zhang, Liu, & He, J. Anhui Agric. Univ. 26: 36 (1999)**!**.

T: on living leaves of *Forsythia suspensa* (Oleaceae), China, Henan, 20 Jun. 1992, Qing Yun (MHYAU 07030: holotype).

Ill.: ZHANG et al. (1999: 37, Fig. 1).

foveolicola Speg., Anales Mus. Nac. Buenos Aires 20: 437 (1910)**!**.

T: on living leaves of *Eupatorium bupleurifolium* (Asteraceae), Argentina, near San Javier, Misiones, Aug. 1909.

Lit.: SACCARDO (1913: 1369), FARR (1973).

Notes: "An rectus *Cercosporae* specie?" (SACCARDO 1913).

fuligineum Bonord., Abh. Mykol. 1: 92 (1864)**!**.

T: on decaying gills of *Boletus subtomentosus* (Boletaceae), Germany, Westfalen, Siegen, Hainichen, 16 Jul. 1922, A. Ludwig (B: neotype, selected by BRAUN, 2001).

= ***Cladosporium herbarum*** (Pers.: Fr.) Link (var. ***herbarum***), Ges. Naturf. Freunde Berlin Mag. Neuesten Entdeck. Gesammten Naturk. 7: 37 (1816)**!**.

Lit.: SACCARDO (1886: 368; 1913: 1371), LINDAU (1907: 808; 1910: 796), JAAP (1908: 217), LIND (1913: 523), GONZÁLES-FRAGOSO (1927: 212), BRAUN (2001: 56).

fuligineum f. *racemosa*, in herb.

Substrate undetermined, Czech Republic, Bohemia, Kokocko, near Plzen, 10 Oct. 1910, F. Bubák (BPI 426582).

fuligo Bonord., in herb.

On *Tilia europaea* (Tiliaceae), Funk (B).

fulvum (Arx) K. Bhalla & A.K. Sarbhoy → *fulvum* Cooke.

fulvum Cooke, Grevillea 12(61): 32 (1883)**!**.

T: on leaves of tomato (*Lycopersicon esculentum*) (Solanaceae), USA, South Carolina, Rav., F. amer. exs. 599 (K).

≡ *Fulvia fulva* (Cooke) Cif., Atti Ist. Bot. Lab. Crittog. Univ. Pavia 10(1): 245 (1954)**!**.

≡ *Mycovellosiella fulva* (Cooke) Arx, Proc. Kon. Ned. Akad. Wetensch. C, 86(1): 48 (1983)**!**.

≡ '*Cladosporium fulvum* (Arx) K. Bhalla & A.K. Sarbhoy', Indian Phytopathol. 53(3): 262 (2000)**!**, nom. superfl.

≡ ***Passalora fulva*** (Cooke) U. Braun & Crous, in Crous & Braun, *Mycosphaerella* and its anamorphs: 1. Names published in *Cercospora* and *Passalora*, CBS Biodiversity Ser. 1: 453 (2003)**!**.

Lit.: SACCARDO (1886: 363), LINDAU (1907: 829; 1910: 797), FERRARIS (1912: 349; 1914: 885), DE VRIES (1952: 70), ELLIS (1971: 306–307), HOLIDAY & MULDER (1976), VON ARX (1987: 195), HO et al. (1999: 128).

fulvum [Cooke] var. *violaceum* Voglino, Ann. Reale Accad. Agric. Torino 55: 381, '1912' (1913)**!**.

T: on leaves of *Solanum lycopersicum* (= *Lycopersicon esculentum*) (Solanaceae), Italy,

Liguria, Albenga.
Lit.: SACCARDO (1931: 794).

fumagineum Sacc., Nuovo Giorn. Bot. Ital., N.S., 27: 86 (1920)**!**.
T: on living leaves of *Quercus* sp. (Fagaceae), USA, Wyoming, Cook Co., Devils Tower, 28 Jul. 1918, J.R. Weir, No. 10025 (BPI 426763; PAD).
Lit.: SACCARDO (1931: 791).
Notes: SACCARDO (1931) cited 'Spokane, Washington' as locality, not agreeing with the data given in two collections from BPI and PAD, which are marked as 'type'.

fumago Link, in Willd., Sp. pl. 6(1): 40–41 (1824)**!**: Fr., Syst. mycol. 3(2): 372 (1832)**!**.
T: on leaves of various plant species, Europe (B?).
≡ *Torula fumago* (Link) Chevall., Fl. gén. env. Paris 1: 34 (1826)**!**.
≡ *Caldariomyces fumago* (Link) Woron., Ann. Mycol. 25: 261 (1927).
≡ *Leptoxyphium fumago* (Link) R.C. Srivast., Arch. Protistenk. 125(1–4): 333 (1982), as '(Woron.) R.C. Srivast.', nom. inval.
= ? *Fumago vagans* Pers., Mycol. eur. 1: 9 (1822)**!**.
≡ *Cladosporium vagans* (Pers.) Desm., Pl. crypt. N. France, Ed. 1, Fasc. I, No. 6 (1825), as 'Pers.'.
= *Syncollesia foliorum* C. Agardh, Syst. alg.: 32 (1824).
Lit.: FRIES (1832: 372), SACCARDO (1886: 547), LINDAU (1910: 267), LIND (1913: 166), OUDEMANS (1919–1924).
Notes: LINK (in WILLDENOW, 1824) mentioned *Fumago* Pers. ("*Fumago* Pers. ex hoc *Cladosporio* saepe oritur"), but did not refer to *Fumago vagans* Pers., so that Link´s species was not based on the latter name.

fumago [Link] f. *artemisiae-abrotani* Thüm., Herb. myc. oec., Fasc. XIV, No. 657 (1879)**!**, nom. nud.
T: on *Artemisia abrotanum* (Asteraceae), Austria, near Kalksburg, Sept. 1879, von Thümen, Thüm., Herb. myc. oec. 657 (B).

fumago [Link] f. *carpini-betuli* Thüm., Herb. myc. oec., Fasc. VII, No. 339 (1875)**!**, nom. nud.
T: on living leaves of *Carpinus betulus* (Corylaceae), Czech Republic, Bohemia, near Teplitz-Schönau, Aug. 1873, von Thümen, Thüm., Herb. myc. oec. 339 (B).

fumago [Link] f. *corticicola* Rabenh., Herb. mycol., Ed. nova, Ser. prima, Cent. IV, No. 330 (1856)**!** and Flora 15(9): 134 (1857)**!**, nom. nud.
T: on *Salix* twigs, Germany, Giessen, Hoffmann, Rabenh., Herb. mycol. 330 (e.g., HAL).

fumago [Link] f. *coryli* Thüm., Herb. myc. oec., Fasc. III, No. 131 (1873)**!**, nom. nud.
T: on leaves and twigs of *Corylus avellana* (Coryllaceae), Czech Republic, Bohemia, near Teplitz-Schönau, Jul. 1873, von Thümen, Thüm., Herb. myc. oec. 131 (B).

fumago [Link] f. *fragariae-vescae* Thüm., F. austr., Cent. XI, No. 1085 (1874)**!** and Herb. myc. oec., Fasc. IV, No. 169 (1874)**!**, nom. nud.
T: on living leaves of *Fragaria vesca* (Rosaceae), Czech Republic, Teplitz-Schönau, summer 1873, de Thümen, Thüm., F. austr. 1085, Herb. myc. oec. 169 (B; HAL).

fumago [Link] f. *fraxini* Thüm., Herb. myc. oec., Fasc. VIII, No. 375 (1875)**!**, nom. nud.
T: on living leaves of *Fraxinus excelsior* (Oleaceae), Czech Republic, Bohemia, near Teplitz-Schönau, Aug. 1873, von Thümen, Thüm., Herb. myc. oec. 375 (B).

fumago [Link] f. *grossulariae* Thüm., Herb. myc. oec., Fasc. III, No. 130 (1873)**!**, nom. nud.
T: on leaves and twigs of *Ribes grossularia* (Grossulariaceae), Czech Republic, Bohemia, near Teplitz-Schönau, Jul. 1873, de Thümen, Thüm., Herb. myc. oec. 130 (B).

fumago [Link] f. *humuli-lupuli* Thüm., Herb. myc. oec., Fasc. XIII, No. 606 (1878)**!**, nom. nud.
T: on living leaves of *Humulus lupulus* (Cannabaceae), Austria, near Klosterneuburg, Aug. 1878, von Thümen, Thüm., Herb. myc. oec. 606 (B).

fumago [Link] f. *poae-pratensis* Thüm., Herb. myc. oec., Fasc. IV, No. 160 (1874)**!**, nom. nud.

T: on *Poa pratensis* (Poaceae), Czech Republic, Bohemia, near Teplitz-Schönau, summer 1873, de Thümen, Thüm., Herb. myc. oec. 160 (B).

fumago [Link] f. *quercus*, in herb.

On leaves of *Quercus pedunculata* (Fagaceae), Germany, Bavaria, Bayreuth, Aug. 1877, A. Walther (BPI 426739).

fumago [Link] f. *rosae-acutifoliae*, in herb.

On *Rosa* sp. (Rosaceae), Germany, Bavaria, Bayreuth, Sept. 1877, A. Walther (BPI 426751).

fumago [Link] f. *rosae-albae* Thüm., Herb. myc. oec., Fasc. IX, No. 418 (1876)**!**, nom. nud.

T: on leaves and twigs of *Rosa alba* (Rosaceae), Germany, Bavaria, near Bayreuth, Sept. 1874, von Thümen, Thüm., Herb. myc. oec. 418 (B).

fumago [Link] f. *syringae-vulgaris* Thüm., Herb. myc. oec., Fasc. VIII, No. 393 (1875)**!**, nom. nud.

T: on living leaves of *Syringa vulgaris* (Oleaceae), Czech Republic, Bohemia, near Teplitz-Schönau, Aug. 1873, von Thümen, Thüm., Herb. myc. oec. 393 (B).

fumago [Link] f. *ulmi* Rabenh., Herb. mycol., Ed. nova, Ser. prima, No. 329 (1856)**!** and Flora 15(9): 134 (1857)**!**, nom. nud.

T: on *Ulmus campestris* (Ulmaceae), Germany, Dresden, 1856, Rabenh., Herb. mycol. 329 (e.g., HAL).

fumago [Link] f. *ulmi-effusae* Thüm., Herb. myc. oec., Fasc. V, No. 237 (1874)**!**, nom. nud.

T: on leaves and young twigs of *Ulmus* sp. (Ulmaceae), Czech Republic, Bohemia, near Bilina, Jul. 1873, de Thümen, Thüm., Herb. myc. oec. 237 (B).

fumago [Link] f. *vitis* Thüm., Herb. myc. oec., Fasc. II, No. 76 (1872)**!**, nom. nud.

T: on *Vitis vinifera* (Vitaceae), Germany, Lübeck, near Travemünde, Oct. 1872, Behrens, Thüm., Herb. myc. oec. 76 (B).

fumago [Link] var. *betulae* L.A. Kirchn., Lotos 6: 183 (1856)**!**, nom. nud.

T: on living leaves of *Betula alba* (Betulaceae), Czech Republic, Haasmüllnerberg near Kaplitz.

fumago [Link] 'var. *corticola* Hoffm.', Herb. mycol., Ed. nova, Ser. prima, No. 330 (1857)**!**, nom. nud. [see OUDEMANS 1920: 189].

Notes: OUDEMANS (l.c.) spelled the name differently than *C. fumago* f. *corticicola* Rabenh., changed 'f.' to 'var.' and attributed this name to 'Hoffm.' although the exsiccatus has the same number. Correct quotation → *C. fumago* f. *corticicola*.

fumago [Link] var. *elongatum* Mont., 'Fl. J. Fern., n. 53' (SACCARDO 1882: 81), reference not found.

T: on leaves, especially of ferns, Chile, Juan Fernandez.

≡ *Antennaria robinsonii* Berk. & Mont., in Berkeley, London J. Bot. 2: 641 (1843).

Lit.: SACCARDO (1882: 81).

fumago [Link] var. *epiphyllum* Rabenh. – Exsiccatus (68), specified in KOHLMEYER (1962: 39).

fumago [Link] var. *maculaeforme* Thüm., Mycoth. univ., Cent. VII, No. 673 (1877)**!** and Flora 61(7): 108 (1878)**!**.

T: on living leaves of *Syringa vulgaris* (Oleaceae), Germany, Bavaria, Bayreuth, autumn 1875, de Thümen, Thüm., Mycoth. univ. 673 (B; HAL; Univ. Mich. Fungus Collection).

fumago [Link] var. *padi* L.A. Kirchn., Lotos 6: 184 (1856)**!**, nom. nud.

T: on living leaves of *Padus vulgaris* (= ?*Prunus padus*) (Rosaceae), Czech Republic, Kaplitz.

fumago [Link] var. *rubi* L.A. Kirchn., Lotos 6: 184 (1856)**!**, nom. nud.

T: on leaves and stems of *Rubus idaeus* (Rosaceae), Czech Republic, Dreisesselberg, Jac. Jungbauer.

fumago Mont., in Gay, Fl. chil. 8(1): 32 (1852), nom. illeg., homonym, non *C. fumago* Link, 1824.

T: on living leaves of *Eugenia* (Myrtaceae), Chile.

= ? *Napicladium fumago* Speg., Revista Fac. Agron. Vet. La Plata, Ser. 2, 6: 190 (1910).

≡ *Hyphosoma fumago* (Speg.) M.B. Ellis, in herb.

Lit.: SACCARDO (1913: 1396).

fumosa Preuss, in herb.

Without detailed data, Nr. 386 (Mappe 274), herb. C.G.T. Preuss (B).

fungorum (Pers.) Roum., F. sel. gall. exs., Cent. XXXIII, No. 3293 (1885)**!**, as 'Pers.'.

T: on an old carpophore (L 910.225-732).

≡ *Dematium herbarum* [Pers.] γ *fungorum* Pers., Syn. meth. fung. 2: 699 (1801)**!**.

≡ *Dematium vulgare* [Pers.] γ *fungorum* (Pers.) Pers., Mycol. eur. 1: 14 (1822)**!**.

≡ *Cladosporium herbarum* [(Pers.: Fr.) Link] β *fungorum* (Pers.) Chevall., Fl. gén. env. Paris 1: 36 (1826)**!**.

= ***Cladosporium herbarum*** (Pers.: Fr.) Link, Ges. Naturf. Freunde Berlin Mag. Neuesten Entdeck. Gesammten Naturk. 7: 37 (1816)**!**.

Lit.: OUDEMANS (1919: 49), PRASIL & DE HOOG (1988: 52).

'*fungorum*' Sacc., Syll. fung. 2: 406 (1883)**!**.

T: on *Polyporus* sp., USA, Pennsylvania, Bethlehem.

Notes: Cited by SACCARDO (l.c.) in the text under *Sphaeria cladosporiosa* Schwein., Trans. Amer. Philos. Soc., N.S., 4(2): 211 (1832)**!**. It is unclear if Saccardo intended to introduce a new name or if he referred to *Dematium herbarum* [Pers.] γ *fungorum* Pers.

funiculosum W. Yamam., Sci. Rep. Hyogo Univ. Agric., Ser. Agric. 4(1): 5 (1959)**!**.

T: on leaves of *Phaseolus chrysanthos* (Fabaceae), Japan, Prov. Tamba, Tannan-cho, Komakura, 29 Oct. 1958, W. Yamamoto.

Ill.: YAMAMOTO (1959: 6, Figs 21–24).

Notes: This name is valid since the author only cited a single collection, which can be considered the holotype.

furfuraceum McAlpine, Fungus Dis. Citrus Trees Austral.: 78 (1899)**!**.

T: on fruits of *Citrus medica* (Rutaceae), Australia, Victoria, Doncaster and elsewhere.

Lit.: SACCARDO (1902: 1058).

Ill.: MCALPINE (1899: Figs 19–20).

Notes: Type material is not preserved in the McAlpine herbarium (VPRI).

fuscatum Link, in Willd., Sp. pl. 6(1): 41 (1824)**!**, non *C. fuscum* Link, 1824.

T: on herbal stems [on *Passiflora edulis* (Passifloraceae) and *Avena sativa* (Poaceae)] (L 910.225–720).

≡ *Dematium fuscum* Pers., Mycol. eur. 1: 16 (1822)**!**.

= ***Cladosporium herbarum*** (Pers.: Fr.) Link, Ges. Naturf. Freunde Berlin Mag. Neuesten Entdeck. Gesammten Naturk. 7: 37 (1816)**!**.

Lit.: CROUS et al. (2000).

Notes: PRASIL & DE HOOG (1988) re-examined type material of *Dematium fuscum* Pers. but did not find any *Cladosporium* species.

fuscum Link, in Willd., Sp. pl. 6(1): 40 (1824)**!**: Fr., Syst. mycol. 3(2): 372 (1832)**!**.

T: on stems of *Rosa* sp. (Rosaceae), Germany, Leipzig (Kunze) and Berlin (Link) (B?).

Lit.: FRIES (1832: 372), SACCARDO (1886: 352), LINDAU (1907: 805), FERRARIS (1912: 335), OUDEMANS (1921), GONZÁLES-FRAGOSO (1927: 201).

fusicladiiformis Gonz. Frag., Trab. Mus. Nac. Ci. Nat., Ser. Bot. 10: 188 (1916).

T: on living leaves of *Eriobotrya japonica* (Rosaceae), Spain, near Dos Hermanas, Sevilla, 22 Mar. 1915, Gonzáles Fragoso (MA 06413).

Lit.: GONZÁLES-FRAGOSO (1927: 205), SACCARDO (1931: 795).

fusicladium Sacc., in Bresadola & Saccardo, Malpighia 11: 321 (1897)**!**.

T: on leaves of *Salix incana* (Salicaceae), Italy, Riva-Valsesia, 28 Apr. 1891, Carestia, No. 770 (PAD).

Lit.: SACCARDO (1899: 1080), LINDAU (1907: 818), FERRARIS (1912: 340).

fusisporum Berk. & M.A. Curtis, in herb.

On stems of *Chionanchus* sp. (?), USA, Alabama (NYS).

gallicola B. Sutton, Mycol. Pap. 132: 37 (1973)**!**.

T: on globose galls of *Endocronartium harknessii* (Cronartiaceae) on twigs of *Pinus banksiana* (Pinaceae), Canada, Saskatchewan, 27 mi S. Meadow Lake, 25 May 1967, C. Rentz, WINF (M) 6898e (IMI 145204: holotype).

Lit.: ELLIS (1976: 329).

Ill.: SUTTON (1973: 38–39, Figs 17–18), ELLIS (1976: 329, Fig. 247).

Host(s)/substrate(s) & distribution: hyperparasitic on galls of *Endocronartium harknessii* and *Cronartium comandrae* on *Pinus*, including *P. banksiana* and *P. contorta* var. *latifolia*; North America (Canada: very common).

geniculatum Morgan-Jones, in Morgan-Jones & Jacobsen, Mycotaxon 32(1): 226 (1988)**!**.

T: on discoloured wall plaster, USA, Florida, Jacksonville, Airport Holiday Inn, Dec. 1987, B.J. Jacobsen (AUA: holotype).

Ill.: MORGAN-JONES & JACOBSEN (1988: 227, Fig. 1).

Notes: Listed as *C. geniculatum* Morgan-Jones & B.J. Jacobsen by KIRK et al. (n.d.).

gentianae Lobik, Bolezni Rast. 17(3–4): 189 (1928)**!**.

T: on leaves of *Gentiana cruciata* (Gentianaceae), Russia (LE: holotype).

Ill.: LOBIK (1928: Tab. 8, Fig. 87).

gleditschiae Cooke, Grevillea 17(83): 66 (1889)**!**.

T: on legumes of *Gleditsia* (Caesalpiniaceae), USA, South Carolina, Aiken, Rav., F. amer. exs. 297 (BPI 426765; K 121559).

Lit.: SACCARDO (1892: 603; 1895: 621).

glochidionis C.D. Sharma, Gadp., Firdousi, A.N. Rai & K.M. Vyas, Indian Phytopathol. 51(2): 152 (1998)**!**.

T: on living leaves of *Glochidion* sp. (Euphorbiaceae), India, Madhya Pradesh, Shahdol circle, Amarkantak (south forest division), Kapil dhara, Jan. 1993, C.D. Sharma (S.U. Herb. No. C.S.1: holotype; IMI 356765: isotype).

Ill.: SHARMA et al. (1998: 153, Fig. 1).

gloeosporioides G.F. Atk., Cornell Univ. Sci. Bull. 3(1): 39 (1897)**!**.

T: on leaves of *Ascyrum stans* (= *Hypericum*), USA, Alabama, Lee Co., Auburn, 29 Aug. 1891, G.F. Atkinson (CUP-A2064: syntype); on leaves and stems of *Hypericum mutilum* (Hypericaceae), USA, Alabama, Lee Co., Auburn, 2 Sept. 1891, Duggar. (CUP-A2170: syntype).

Lit.: SACCARDO (1899: 1080).

gonorrhoicum Hallier, Flora, Neue Reihe, 26(19): 293 (1868)**!**.

T: isolated from man (gonorrhea).

≡ *Cladosporium coniothecii-gonorrhoici* Hallier, Flora, Neue Reihe, 26(19): 293 (1868)**!** (alternative name).

Ill.: HALLIER (1868a: Tab. 3, Fig. 4, 5, 8, 9).

Notes: Undoubtedly not belonging to *Cladosporium* s. str. Described as state (morphe) of *Coniothecium gonorrhoicum* Hallier (p. 294). "Forma penicillare. Hab. Associato a casidi gonorrhea" (NANNIZZI 1934). "Species incertae" (SACCARDO 1911).

gossypii Jacz., Holopkovoe Delo 1929, No. 5–6: 564 (1929)**!** and Bolezni khlpchatnica: 181–182 (1931)**!**.

T: on fibres of *Gossypium* sp. (Malvaceae), Russia (LEP).

Ill.: JACZEWSKI (1931: 181, Fig. 16).

gossypiicola Pidopl. & Deniak, in Pidoplichko, Gribnaja Flora Grubych Kormov: 273 (1953)**!**, as '*gossypicola*', nom. inval.

T: on seeds of cotton (*Gossypium* sp., Malvaceae), also found on damp straw, Ukraine.
Lit.: HO et al. (1999: 128).
Ill.: PIDOPLICHKO (1953: 274, Fig. 75), HO et al. (1999: 130, Fig. 20).

gossypiicola var. *minor* Pidopl. & Deniak, in Pidoplichko, Gribnaja Flora Grubych Kormov: 273 (1953)**!**, nom. inval.

T: on seeds of cotton (*Gossypium* sp., Malvaceae), Ukraine, Krim.

gougerotii (Matr.) G. Carrión & Marg. Silva, Arch. Inst. Pasteur Algérie 72: 532 (1955)**!**.

T: isolated from cystic lesion of human patient, USA, Memphis (CBS 526.76: neotype, selected by BORELLI, Acta Ci. Venez. 6(2): 81, 1955).
≡ *Sporotrichum gougerotii* Matr., Compt. Rend. Hebd. Séances Acad. Sci. 150: 545 (1910)**!**, as '*gougeroti*', nom. ambig. et dub.
≡ *Rhinocladium gougerotii* (Matr.) Verdun, Précis de Parasitologie Humaine, éd. 2: 677 (1913).
≡ *Dematium gougerotii* (Matr.) Grigoraki, Bull. Soc. Mycol. France 40: 274 (1924), as '*gougeroti*'.
≡ *Torula gougerotii* (Matr.) Brumpt, Précis Parasitol., ed. 5: 1791 (1936).
≡ *Oospora gougerotii* (Matr.) D. Janke, Archiv Dermatol. Syph. 187: 693 (1949), as '*Gougeroti*'.
≡ *Phialophora gougerotii* (Matr.) Borelli, Acta Ci. Venez. 6(2): 81 (1955).
Lit.: DE HOOG & HERMANIDES-NIJHOF (1977: 114), MCGINNIS & AJELLO (1982).
Notes: Of *S. gougeroti*: "This name has been applied to different fungi and has therefore been abandoned." (DE HOOG et al. 2000: 1022). MCGINNIS & AJELLO (1982) cite a lack of type material and illustrations, and inadequate descriptions as reasons for considering *S. gougerotii* a dubious name. CARRIÓN & SILVA (1955) designate No. 1792 (Kennedy Hospital, Memphis), No. 7031 (NIH ← CBS) and No. 7028 (NIH) as specimens of *Cladosporium gougerotii*. They illustrate in photomicrographs Nos 1792 and 7028 as possessing phialides.

gracile Corda, Icon. fung. 1: 15 (1837)**!**.

T: on rotten leaves of *Quercus* sp. (Fagaceae), Czech Republic, near Prag, Corda (PRM).
≡ *Didymotrichum gracile* (Corda) Bonord., Handb. Mykol.: 89 (1851)**!**.
Lit.: SACCARDO (1886: 361), LINDAU (1907: 820), FERRARIS (1912: 343; 1914: 884), GONZÁLES-FRAGOSO (1927: 203).
Ill.: CORDA (1837: Tab. 4, Fig. 213).

gramineum Link (FRIES 1832) under "Species dubias".

graminum Cooke, DOV [A. Commons 30,2060 (SUMSTINE 1949: 19)].

graminum Corda, Icon. fung. 1: 14 (1837)**!**, nom. illeg., homonym, non *C. graminum* (Pers.) Link, 1824.

T: on rotten leaves of Gramineae, Czech Republic, near Prag.
= ***Cladosporium herbarum*** (Pers.: Fr.) Link, Ges. Naturf. Freunde Berlin Mag. Neuesten Entdeck. Gesammten Naturk. 7: 37 (1816)**!**.
Ill.: CORDA (1837: Tab. 3, Fig. 207).
Notes: In CORDA (1837): '*C. graminum* (Link. p. 42 ?)'.

graminum [Corda] f. *bambusae* Roum., F. sel. gall. exs., Cent. XLII, No. 4191 (1887)**!**, nom. nud.

T: on leaves of *Bambusa* sp., France, Dept. Haute-Garonne, Vallee du Lys, Bagnères-de-Luchon, park of casino, Dec. 1886, Ch. Fourcade, Roum., F. sel. gall. exs. 4191 (B).

graminum [Corda] f. *inflorescentiae* Sacc., Syll. fung. 25: 791 (1931)**!**.

T: on flowers of *Baldingera arundinacea* (= *Phalaris arundinacea*) (Poaceae), France, Hariot.

graminum [Corda] var. '*moliniae*' Sacc., Ann. Mycol. 3: 169 (1905)**!**.

Lit.: SACCARDO (1906: 577), FERRARIS (1912: 338).

Notes: This reference is actually to var. *moliniae-caeruleae*. See next entry.

graminum [Corda] var. *moliniae-caeruleae* Sacc., Ann. Mycol. 3: 169 (1905)**!**.

T: on leaves of *Molinia caerulea* (Poaceae), Italy, Treviso, Montello, Aug. 1904, P.A. Saccardo, mixed infection with *Sphaerella montellica* Sacc. (BPI 426831A).

Lit.: LINDAU (1907: 815).

graminum (Pers.) Link, in Willd., Sp. pl. 6(1): 42 (1824)**!**.

T: on dry leaves and culms of Gramineae (L 910.225-723).

≡ *Dematium graminum* Pers., Mycol. eur. 1: 16 (1822)**!**.

≡ *Chloridium graminum* (Pers.) Chevall., Fl. gén. env. Paris 1: 35 (1826)**!**.

= *Cladosporium graminum* Corda, Icon. fung. 1: 14 (1837)**!**, nom. illeg., homonym, non *C. graminum* (Pers.) Link, 1824.

= ***Cladosporium herbarum*** (Pers.: Fr.) Link, Ges. Naturf. Freunde Berlin Mag. Neuesten Entdeck. Gesammten Naturk. 7: 37 (1816)**!**.

Lit.: SACCARDO (1886: 365; 1972: 1352), LINDAU (1907: 815), FERRARIS (1912: 337), LIND (1913: 523), GONZÁLES-FRAGOSO (1927: 208), DE VRIES (1952: 71, as '*C. graminum* Pers. ex Corda'), DAVID (1997: 10).

Ill.: GONZÁLES-FRAGOSO (1927: 209, Fig. 46).

graminum [(Pers.) Link] f. *poae-pratensis* Thüm., Mycoth. univ., Cent. V, No. 490 (1876)**!**, nom. nud.

T: on dry culms of *Poa pratensis* (Poaceae), Germany, Bavaria, Bayreuth, summer 1874, de Thümen, Thüm., Mycoth. univ. 490 (e.g., HAL; HBG).

graminum var. *scirpi*, in herb.

On dead plants of *Scirpus* sp., USA, California, Apr. 1880 (BPI 426819).

graminum var. *sorghi*, in herb.

On *Sorghum saccharatum* (Poaceae), USA, South Carolina, H.W. Ravenel (BPI 426822, 426832).

grech-delicatae Sacc., Ann. Mycol. 11: 564 (1913)**!** and Nuovo Giorn. Bot. Ital., N.S. 21(1): 125 (1914)**!**.

T: on still living stems of *Ranunculus aquatilis* (Ranunculaceae), Malta, Uied Bufula, Apr. 1913, Doct. Borg (PAD ?).

Lit.: SACCARDO (1931: 794).

Notes: GOLA (1930) listed the type at PAD as '*Grach-Delicatae*', but type material could not be located there.

grewiae Bacc., Ann. Bot. (Rome) 4: 277 (1906)**!**, as '*graeviae*'.

T: on dead leaves of *Grewia* (Tiliaceae), Eritrea, Mai Hiryi, Pappi.

Lit.: SACCARDO (1913: 1368).

griseo-olivaceum Pidopl. & Deniak, Mikrobiol. Zhurn. 5(2): 183, 193–194 (1938)**!**, nom. inval.

T: on grains of *Zea mays* (Poaceae), Ukraine.

Lit.: PIDOPLICHKO (1953: 271).

Ill.: PIDOPLICHKO & DENIAK (1938: 183, Fig. 2).

Notes: Neither in Mikrobiol. Zhurnal (1938) nor in PIDOPLICHKO (1953) is a Latin diagnosis given.

griseum (Berk. & Broome) S. Hughes, Canad. J. Bot. 31: 587 (1953)**!**.

T: on dead stems of *Urtica* sp. (Urticaceae), Great Britain, Northamptonshire, Kings Cliff, Mar. 1850 (K 121543: isotype).

≡ *Dendryphion griseum* Berk. & Broome, Ann. Mag. Nat. Hist., Ser. 2, 7: 177 (1851), as '*Dendryphium*', non *Polyscytalum griseum* Sacc., 1886.

≡ ***Polyscytalum berkeleyi*** M.B. Ellis, More Dematiaceous Hyphomycetes: 158 (1976)**!**, nom. nov.
Notes: HUGHES (1953) apparently based his new combination and illustration on IMI 4333.

grumosum (Pers.) Link, in Willd., Sp. pl. 6(1): 42 (1824)**!**.
T: not specified in the original publication.
≡ *Dematium grumosum* Pers., Mycol. eur. 1: 16 (1822)**!**.
Lit.: FRIES (1832: 373), CORDA (1837: 14), SACCARDO (1886: 363), LINDAU (1907: 822).
Notes: In OUDEMANS (1919) *Pteris aquilina* (= *Pteridium aquilinum*) is mentioned as host species. See *C. aquilinum*.

guanicense F. Stevens, Trans. Illinois Acad. Sci. 10: 207 (1917), as '*guanicensis*'.
T: on leaves of *Argemone mexicana* (Papaveraceae), Puerto Rico, Guanica, 2 Mar. 1913, F.L. Stevens, Porto Rican Fungi 347 (a) (BPI 426841, 426844, 426487; ILL 15873; PC; Univ. Mich. Fungus Collection).
≡ *Polythrincium guanicense* (F. Stevens) Cif., Ann. Mycol. 36: 233 (1938)**!**.
≡ *Cercosporidium guanicense* (F. Stevens) Deighton, Mycol. Pap. 112: 34 (1967)**!**.
≡ ***Passalora guanicensis*** (F. Stevens) U. Braun & R.F. Castañeda, in Castañeda Ruiz & Braun, Cryptog. Bot. 1(1): 46 (1989)**!**.
≡ *Passalora guanicensis* (F. Stevens) Poonam Srivast., J. Liv. World 1(2): 116 (1994), as '*guanicense*', comb. inval.
= *Cercospora whetzelii* Chupp, J. Dept. Agric. Porto Rico 15: 16 (1931). [T: CUP].
≡ *Piricularia whetzelii* (Chupp) Bat. & R. Garnier, Publ. Univ. Recife Inst. Micol. 278: 18 (1960).
Lit.: SACCARDO (1931: 794), CROUS & BRAUN (2003: 206).

gynoxidicola Petr., Sydowia 2: 381 (1948)**!**, as '*gynoxidicolum*'.
T: on living leaves of *Gynoxys* sp.(Asteraceae), Ecuador, Pichincha mountains near Quito, 30 Nov. 1937 (M: holotype; IMI 88949: slide).
≡ ***Stenella gynoxidicola*** (Petr.) J.L. Mulder, Trans. Brit. Mycol. Soc. 79(3): 478 (1982)**!**.
Lit.: ELLIS (1976: 342).

haplophylli (Vasyag. & Tartenova) J.C. David, Mycol. Pap. 172: 85 (1997)**!**.
T: on leaves of *Haplophyllum latifolium* (Rutaceae), Kazakhstan, Chimkentskaya Oblast, in the southern Kyzyl-Kum desert, 10 Jun. 1957, Tartenova (holotype: location not known); on leaves of *Haplophyllum latifolium*, Kazakhstan, Chimkentskaya Oblast, Talasskii Alatau, Zapovednik Aksu-Dzhabagly, by the river Aksu, 23 Jul. 1968, M.P. Vasjagina (AA: paratype).
≡ *Heterosporium haplophylli* Vasyag. & Tartenova, in Shvartsman et al., Fl. sporov. rast. Kazakhstana 8(2): 164 (1975).
Ill.: DAVID (1997: 87, Fig. 20).
Host(s)/substrate(s) & distribution: on species of *Haplophyllum*, including *H. acutifolium* and *H. latifolium*; Central Asia (Kazakhstan, Turkmenistan).

harknessii (Peck) S. Hughes, Canad. J. Bot. 31: 586 (1953)**!**.
T: on decaying wood, USA, New York, Helderberg Mountains, C.H. Peck (NYS 1443: holotype; DAOM 31921: isotype, slide).
≡ *Monilia harknessii* Peck, Rep. (Annual) New York State Mus. Nat. Hist. 34: 49 (1883).
Ill.: HUGHES (1953: 586, Fig. 7).
Notes: HUGHES (1953) apparently based his new combination and illustration on DAOM 28997.

heleophilum J.C. David, Mycol. Pap. 172: 80 (1997)**!**.
T: on *Typha latifolia* (Typhaceae), USA, Washington, Seattle, 26 Aug. 1912, Bartholomew, Barthol., F. columb. 4407, sub *C. herbarum* (K: holotype).
Ill.: DAVID (1997: 62, Fig. 17 J–L).
Host(s)/substrate(s) & distribution: on *Typha latifolia*; Europe (Germany, Great Britain), North America (USA).
Notes: Presumably more common than indicated, because it was confused with *C. herbarum* (Pers.: Fr.) Link or similar species occurring on *Typha* spp.

helicosporum R.F. Castañeda & W.B. Kendr., in Castañeda Ruiz, Kendrick & Gené, Mycotaxon 63: 183 (1997)**!**.

T: on fallen leaves of *Laciasis divaricata* from a rainforest, Cuba, La Habana, La Chorrera, 14 Apr. 1992, R.F. Castañeda & B. Kendrick (INIFAT C92/207-1: holotype; MUCL 39868: isotype).

Ill.: CASTAÑEDA et al. (1997: 184–185, Figs 1–2).

heliotropii Erikss., Bot. Centralbl. 47: 299 (1891)**!** and F. paras. scand., Fasc. 8, No. 396 (1891)**!**, with description on the label.

T: on leaves of *Heliotropium peruvianum* (Boraginaceae), Sweden, Stockholm, Rosendal, 1882, J. Eriksson, F. paras. scand. 396 (e.g., BPI 426853; HAL; HBG).

Lit.: SACCARDO (1892: 602), FERRARIS (1914: 884).

helminthosporioides (Corda) Fr., Summa veg. Scand. 2: 499 (1849)**!**.

T: on dead leaves of conifers, Czech Republic.

≡ *Azosma helminthosporioides* Corda, in Sturm, Deutsch. Fl. 3(12): 35 (1831)**!**.

≡ *Macrosporium helminthosporioides* (Corda) Sacc. & Traverso, Syll. fung. 20: 8 (1911)**!**.

Ill.: CORDA (1831: Tab. 18).

Notes: Type material could not be located in herb. PRM.

hemileiae Steyaert, Bull. Soc. Roy. Bot. Belgique 63(1): 47 (1930)**!**.

T: on uredosoris of *Hemileia vastatrix* (Uredinales) on *Coffea robusta* (Rubiaceae), Zaire, Prov. Orientale, Biaro, near Kisangani (Stanleyville), Oct. 1929, R.L. Steyaert (BPI 426854).

Lit.: SACCARDO (1972: 1337), SUTTON (1973: 40).

Ill.: STEYAERT (1930: Tab. 4–5).

Notes: Type material is probably not preserved, neither in herb. BR nor in the Division of Plant Pathology, Zaïre, Congo (SUTTON 1973).

herbarum (Pers.: Fr.) Link, Ges. Naturf. Freunde Berlin Mag. Neuesten Entdeck. Gesammten Naturk. 7: 37 (1816)**!**: Fr., Syst. mycol. 3(2): 370 (1832)**!**.

T: (L 910.225-733: lectotype).

≡ *Dematium herbarum* Pers., Ann. Bot. (Usteri) 11: 32 (1794): Fr., Syst. mycol. 3(2): 370 (1832)**!**.

≡ *Acladium herbarum* (Pers.) Link, Ges. Naturf. Freunde Berlin Mag. Neuesten Entdeck. Gesammten Naturk. 3: 12 (1809)**!**.

≡ *Byssus herbarum* (Pers.) DC., Fl. franç., Ed. 3, 5: 11 (1815)**!**, as '*Bissus*'.

≡ *Dematium vulgare* Pers., Mycol. eur. 1: 13 (1822)**!**, nom superfl.

≡ *Dematium vulgare* [Pers.] α *herbarum* (Pers.) Pers., Mycol. eur. 1: 13 (1822)**!**.

= ? *Byssus caespitosa* Roth, Catal. Bot. 1: 215 (1797).

= ? *Dematium herbarum* [Pers.] β *brassicae* Pers., Syn. meth. fung. 2: 699 (1801)**!**.

= ? *Dematium cinnabarinum* Pers., Syn. meth. fung. 2: 697 (1801)**!**.

= *Dematium epiphyllum* Pers., Syn. meth. fung. 2: 695 (1801)**!**.

≡ *Cladosporium epiphyllum* (Pers.) Nees, Syst. Pilze 1: 67 (1817)**!**.

≡ *Cladosporium epiphyllum* (Pers.) Link, in Willd., Sp. pl. 6(1): 42 (1824)**!**.

≡ *Chloridium epiphyllum* (Pers.) Chevall., Fl. gén. env. Paris 1: 35 (1826)**!**.

≡ *Cladosporium epiphyllum* (Pers.) Fries, Syst. mycol. 3(2): 370 (1832)**!**.

= *Dematium herbarum* [Pers.] γ *fungorum* Pers., Syn. meth. fung. 2: 699 (1801)**!**. [T: L 910.225-732].

≡ *Dematium vulgare* [Pers.] γ *fungorum* (Pers.) Pers., Mycol. eur. 1: 14 (1822)**!**.

≡ *Cladosporium herbarum* [(Pers.: Fr) Link] β *fungorum* (Pers.) Chevall., Fl. gén. env. Paris 1: 36 (1826)**!**.

≡ *Cladosporium fungorum* (Pers.) Roum., F. sel. gall. exs., Cent. 33, No. 3293 (1885)**!**, as 'Pers.'.

= ? *Dematium conicum* Schum., Emun. Saell. 2: 445 (1803).

= *Dematium graminum* Pers., Mycol. eur. 1: 16 (1822)**!**.

≡ *Cladosporium graminum* (Pers.) Link, in Willd., Sp. pl. 6(1): 42 (1824)**!**.

≡ *Chloridium graminum* (Pers.) Chevall., Fl. gén. env. Paris 1: 36 (1826)**!**.
= *Dematium fuscum* Pers., Mycol. eur. 1: 16 (1822)**!**.
≡ *Cladosporium fuscatum* Link, in Willd., Sp. pl. 6(1): 41 (1824)**!**, non *C. fuscum* Link, 1824.
= *Cladosporium typharum* Desm., Pl. crypt. N. France, Ed. 1, Ser. 2, Fasc. VII, No. 304 (1828).
= *Helminthosporium herbarum* Schwein., Trans. Amer. Philos. Soc., N.S. 4(2): 279 (1832)**!**.
= *Acladium heterosporum* Wallr., Flora crypt. Germ. 2: 287 (1833)**!**.
= *Myxocladium arundinis* Corda, Icon. fung. 1: 12 (1837)**!**. [T: PRM].
≡ *Cladosporium arundinis* (Corda) Sacc., Syll. fung. 4: 364 (1886)**!**.
= *Helminthosporium flexuosum* Corda, Icon. fung. 1: 13 (1837)**!**. [T: PRM].
≡ *Brachysporium flexuosum* (Corda) Sacc., Syll. fung. 4: 429 (1886)**!**.
= *Cladosporium alnicola* Corda, Icon. fung. 1: 14 (1837)**!**. [T: PRM].
≡ *Didymotrichum alnicola* (Corda) Bonord., Handb. Mykol.: 89 (1851)**!**.
= *Cladosporium caricicola* Corda, Icon. fung. 1: 14 (1837)**!**. [T: PRM].
≡ *Didymotrichum caricicola* (Corda) Bonord., Handb. Mykol.: 89 (1851)**!**.
= *Cladosporium graminum* Corda, Icon. fung. 1: 14 (1837)**!**, nom. illeg., homonym, non *C. graminum* (Pers.) Link, 1824.
= *Cladosporium fasciculatum* Corda, Icon. fung. 1: 15 (1837)**!**. [T: PRM].
= ? *Cladosporium lignicola* Corda, Icon. fung. 1: 14 (1837)**!**. [T: PRM].
= *Cladosporium nodulosum* Corda, Icon. fung. 1: 15 (1837)**!**. [T: PRM].
≡ *Didymotrichum nodulosum* (Corda) Bonord., Handb. Mykol.: 89 (1851)**!**.
= *Cladosporium tomentosum* Corda, Icon. fung. 1: 15 (1837)**!**. [T: PRM].
= ? *Cladosporium herbarum* var. *typharum* Westend., Cryptogames: 26 (1854), nom. inval.
= *Cladosporium fuligineum* Bonord., Abh. Mykol. 1: 92 (1864)**!**.
= *Helminthosporium vesiculosum* Thüm., Mycoth. univ., Cent. VIII, No. 784 (1877)**!**. [T: HAL; PAD].
≡ *Brachysporium vesiculosum* (Thüm.) Sacc., Syll. fung. 4: 429 (1886)**!**.
= *Helminthosporium phyllophilum* P. Karst., Hedwigia 23: 41 (1884)**!**. [T: H].
= *Heterosporium abroniae* Harkn., Bull. Calif. Acad. Sci. 1: 38 (1884). [T: BPI].
= *Helminthosporium nanum* [Nees] f. *petiolicola* Roum., F. gall. exs., No. 3391 (1885). [T: G; PC].
= ? *Heterosporium epimyces* Cooke & Massee, in Cooke, Grevillea 16(79): 80 (1888)**!**. [T: K].
= *Heterosporium laburni* Oudem., Ned. Kruidk. Arch., Ser. 2, 5(2): 174 (1888)**!**. [T: L].
= *Cladosporium condylonema* Pass., in Briosi & Cavara, F. paras., No. 79 (1889)**!**.
= ? *Heterosporium fungicola* Ellis & Everh., J. Mycol. 5: 70 (1889)**!**, as '*fungicolum*'.
= *Heterosporium goiranicum* C. Massal., Nuovo Giorn. Bot. Ital. 21: 170 (1889)**!** and Mem. Accad. Agric. Verona, Ser. III, Fasc. 2, 65: 117 (1889). [T: VER].
= *Helminthosporium acuum* P. Karst., Hedwigia 31: 295 (1892)**!**. [T: H].
= *Helminthosporium compactum* P. Karst., Hedwigia 31: 295 (1892)**!**. [T: H].
= *Heterosporium galii* Fautrey & Roum., Rev. Mycol. (Toulouse) 14: 106 (1892). [T: PC].
= *Heterosporium caulicola* Ellis & Everh., Proc. Acad. Nat. Sci. Philadelphia 46: 381 (1894)**!**, as '*caulicolum*'. [T: NY].
= *Heterosporium cladosporioides* Ellis & Everh., Proc. Acad. Nat. Sci. Philadelphia 46: 382 (1894)**!**. [T: NY].
= *Heterosporium didymosporum* Clem., Bot. Surv. Nebraska 3, 1893(2): 11 (1894). [T: NEB].
= *Heterosporium avenae* Oudem., Hedwigia 37: 318 (1898)**!**. [T: L].
= *Heterosporium syringae* Oudem., Hedwigia 37: 183 (1898)**!**. [T: L].
= ? *Cladosporium fagi* Oudem., Ned. Kruidk. Arch., Ser. 3, 2(3): 768 (1902)**!** and Beih. Bot. Centralbl. 11: 538 (1902)**!**.
= *Heterosporium ephedrae* Potebnia, Ann. Mycol. 5: 21 (1907)**!** and Trudy Obshch. Isp.

Prir. Imp. Khar'kovsk. Univ. (Trudy Oshch. Estest. imp. Khar'kov Univ.) 1907: 43 (1907). [T: PAD].

= *Heterosporium fraxini* Ferd. & Winge, Bot. Tidsskr. 28(2): 256 (1907)**!**. [T: C].

= *Heterosporium opuntiae* Lindau, in Rabenhorst, Krypt.-Fl., ed. 2, 1(9): 84 (1910)**!**. [T: B].

= *Heterosporium berberidis* Ranoj., Ann. Mycol. 8: 399 (1910)**!**. [T: BPI].

= *Heterosporium cytisi* Ranoj., Ann. Mycol. 8: 398 (1910)**!**.

= *Heterosporium asperatum* Massee ex Sacc., Syll. fung. 22: 1388 (1913)**!**. [T: K].

= *Heterosporium spiraeae* Syd. & P. Syd., Ann. Mycol. 11: 406 (1913)**!**. [T: S].

= *Heterosporium yuccae* Bubák, Ann. Mycol. 12: 214 (1914)**!**. [T: BPI].

= *Heterosporium sorghi* Ranoj., Ann. Mycol. 12: 418 (1914)**!**. [T: BPI].

= *Heterosporium stromatigenum* Bubák & Vleugel, in Bubák, Ann. Mycol. 14: 351 (1916)**!**. [T: BPI].

= *Heterosporium atopomerum* Kirschst., Ann. Mycol. 37: 122 (1939)**!**. [T: B].

= *Heterosporium equiseti* H.C. Greene, Amer. Midl. Naturalist 44(3): 642 (1950)**!**. [T: WIS].

= *Heterosporium caricis* Grove, in herb.

= *Heterosporium pseudoplatani* Grove, in herb.

Teleomorph: *Davidiella tassiana* (De Not.) Crous & U. Braun, in Braun, Crous, Dugan, Groenewald & de Hoog, Mycol. Progr. 2(1): 8 (2003)**!**.

Lit.: COOKE (1871: 582), SACCARDO (1886: 350; 1972: 327, 1304), LINDAU (1907: 800; 1910: 795), FERRARIS (1912: 331), GONZÁLES-FRAGOSO (1927: 194), DE VRIES (1952: 71), HUGHES (1958: 750), ELLIS (1971: 313), DOMSCH et al. (1980: 204), SIVANESAN (1984: 225), ELLIS & ELLIS (1985: 290, 468; 1988: 168), PRASIL & DE HOOG (1988), WANG & ZABEL (1990: 202), MCKEMY & MORGAN-JONES (1991c), DUGAN & ROBERTS (1994), DAVID (1997: 59), HO et al. (1999: 129), DE HOOG et al. (2000: 587), SAMSON et al. (2000: 110), SAMSON et al. (2001).

Ill.: FERRARIS (1912: 327, Fig. 101), DE VRIES (1952: 73, Fig. 15), YAMAMOTO (1959: 2, Figs 1–4), ELLIS (1971: 314, Fig. 217 A), DOMSCH et al. (1980: 206, Fig. 83), VON ARX (1987: 57, Fig. 27), PRASIL & DE HOOG (1988: 51, Fig. 3), MCKEMY & MORGAN-JONES (1991c: 311, Pl. 1; 313, Fig. 1), DUGAN & ROBERTS (1994: 516, Figs 4–7), DAVID (1997: 62, Fig. 17 F, G, I), HO et al. (1999: 130, Figs 21–22), DE HOOG et al. (2000: 587–588, Figs).

Host(s)/substrate(s) & distribution: on different hosts and substrates, commonly on dead herbaceous plants; cosmopolitan.

Notes: See PRASIL & DE HOOG (1988) on CBS 177.71, L 910.225-733 (lectotype) and for comments on the incorrect typification of one of Link's secondary collections at herb. B by DE VRIES (1952). In SACCARDO (1886), LINDAU (1907) and FERRARIS (1912) '*Dematium pullulans* de Bary & Löwenthal' is cited as synonym of *Cladosporium herbarum*, but the current name is *Aureobasidium pullulans* (de Bary) G. Arnaud var. *pullulans*.

herbarum [(Pers.: Fr.) Link] α *aphidis* Fuckel, Jahrb. Nassauischen Vereins Naturk. 23–24: 356 '1869' (1870)**!**, nom. nud.

Lit.: OUDEMANS (1923).

Notes: see *C. herbarum* var. *aphidis*.

herbarum [(Pers.: Fr.) Link] α *foliorum* (Pers.) Chevall., Fl. gén. env. Paris 1: 36 (1826)**!**.

T: on leaves of *Iris*, *Brassica* etc.

≡ *Dematium vulgare* [Pers.] α *foliorum* Pers., Mycol. eur. 1: 14 (1822)**!**.

Notes: see *C. foliorum*.

herbarum [(Pers.: Fr.) Link] β *fasciculare* Corda, Icon. fung. 3: 9 (1839)**!**.

Lit.: FERRARIS (1914: 882), OUDEMANS (1923).

Notes: see *C. herbarum* var. *fasciculare*.

herbarum [(Pers.: Fr.) Link] β *fungorum* (Pers.) Chevall. → *fungorum* (Pers.) Roum.

herbarum [(Pers.: Fr.) Link] b *nigricans* (Roth: Fr.) Fr., Syst. mycol. 3(2): 371 (1832)**!**.

Notes: see *C. herbarum* var. *nigricans*.

herbarum [(Pers.: Fr.) Link] δ *cerealium* [Sacc.] f. *hordei* (Bruhne) Ferraris → *bruhnei*.

herbarum [(Pers.: Fr.) Link] b *solutum* (Link) Rabenh. → *solutum*.

herbarum [(Pers.: Fr.) Link] f. *agaves-echeveriae* Savelli, Ann. Reale Accad. Agric. Torino 56: 113 '1913' (1914)**!**.

T: on living leaves of *Agave americana* (Agavaceae) and *Echeveria* sp. (Crassulaceae), Italy, Torino, Mar. 1913.

Lit.: FERRARIS (1914: 882), PRASIL & DE HOOG (1988: 53).

Notes: PRASIL & DE HOOG (1988) found no authentic material in FI, PDA, PAV, RO, ROPV or TO. They think it unlikely that this was a *Cladosporium*.

herbarum [(Pers.: Fr.) Link] f. *amaranthi*, in herb.

On *Amaranthus retroflexus* (Amaranthaceae), Czech Republic, Moravia, Hranice (Maehr.-Weisskirchen), Jesernice, 3 Sept. 1914, F. Petrak (BPI 426907).

herbarum [(Pers.: Fr.) Link] f. *asparagi* Thüm., Herb. myc. oec., Fasc. VII, No. 320 (1875)**!**, nom. nud.

T: on *Asparagus* sp. (Asparagaceae), USA, Thüm., Herb. myc. oec. 320.

Lit.: STEVENSON (1971).

herbarum [(Pers.: Fr.) Link] f. *camellia-japonicae* Bubák, in Rabenhorst-Pazschke, F. eur., Cent. 43, No. 4289 (1901)**!**, nom. nud.

T: on leaves of *Camellia japonica* (Theaceae), Czech Republic, Bohemia, Tabór, Mar. 1901, F. Bubák, Rabenh., F. eur. 4289 (BPI 426941; HBG).

herbarum [(Pers.: Fr.) Link] f. *carpophilum* Bacc., Ann. Bot. (Rome) 4: 277 (1906)**!**, as '*carpophylum*'.

T: on inflorescences of *Panicum maximum* (Poaceae), Eritrea.

Lit.: SACCARDO (1913: 1366), PRASIL & DE HOOG (1988: 53).

Notes: No material in PAD.

herbarum [(Pers.: Fr.) Link] f. *cerealium*, in herb.

On *Koeleria cristata* (Poaceae), USA, New Mexico, 25 Aug. 1916, P.C. Standley (BPI 427189).

Notes: See *C. herbarum* var. *cerealium*?

herbarum [(Pers.: Fr.) Link] f. *dianthi*, in herb.

On leaves of *Dianthus caryophyllus* (Caryophyllaceae), Italy, Treviso, Selva, Aug. 1903 (BPI 427194, 426981).

herbarum [(Pers.: Fr.) Link] f. *epixylon* Sacc., Mycoth. ven., Fasc. III, No. 286 (1876)**!**, nom. nud.

T: on decorticated branches of *Robinia pseudacacia* (Fabaceae), Italy, Selva (Treviso), Sept. 1874, Sacc., Mycoth. ven. 286 (e.g., BPI 427093; HAL).

Notes: In OUDEMANS (1919: 570) wrongly cited as '*C. herbarum* [Lk. (fa)] var. *epixylon* Sacc., in Thüm., F. austr., No. 891'. However, the only name cited in 'Thüm., F. austr. 89' is *Cladosporium herbarum* var. *lignicola* Thüm.

herbarum [(Pers.: Fr.) Link] f. *fimicola* Marchal, Bull. Soc. Roy. Bot. Belgique 24: 67 (1885)**!**.

T: on dung of shrew and mice, Belgium, Brussels, summer 1883 and winter 1883–1884 (in fimo soricino et murino).

Lit.: PRASIL & DE HOOG (1988: 53).

Notes: no authentic material at BR.

herbarum [(Pers.: Fr.) Link] f. *flosculorum* Thüm., F. austr., Cent. XII, No. 1173 (1874)**!**.

T: on *Anthemis austriaca* (Asteraceae), Czech Republic, Teplitz, summer 1873, von Thümen, Thüm., F. austr. 1173 (e.g., HAL).

Lit.: OUDEMANS (1923).

Notes: see *C. herbarum* var. *flosculorum* Thüm.

herbarum [(Pers.: Fr.) Link] f. *fructicola*, in herb.

On fruits of *Lonicera etrusca* (Caprifoliaceae), Italy, Padua, Aug. 1902 (BPI 427197).

On fruits of *Datura stramonium* (Solanaceae), Austria, Lower Austria, Krems, 1871, A. Boller (BPI 427198).

herbarum [(Pers.: Fr.) Link] f. *hormodendroides* Ferraris → *cladosporioides*.

herbarum [(Pers.: Fr.) Link] f. *mesembrianthemi* – Exsiccatus 767. II specified in KOHLMEYER (1962: 39).

herbarum [(Pers.: Fr.) Link] f. *parasitica* Sacc., Ann. Mycol. 13(2): 133 (1915)**!**.

T: on *Exoascus tosquinetii* on leaves of *Alnus glutinosa* (Betulaceae), M. Weisskirchen (PAD).

Lit: SACCARDO (1931: 797), PRASIL & DE HOOG (1988: 54).

Notes: PRASIL & DE HOOG (1988) examined authentic material at PAD, which contains a mixture of *C. herbarum* and *C. cladosporioides*.

herbarum [(Pers.: Fr.) Link] f. *psoraleae* Gonz. Frag., Intr. al. est. de la flor. de micr. de Cat.: 152 (1917).

T: on *Psoralea* sp. (Fabaceae), Spain.

Lit.: GONZÁLES-FRAGOSO (1927: 198).

herbarum [(Pers.: Fr.) Link] f. *repens* Fresen., Beitr. Mykol. 1: 24 (1850)**!**.

T: (FRESENIUS 1850: Tab. 3, Fig. 29: iconotype).

Notes: FRESENIUS (1850) described a 'forma' *repens* without indicating any morphological differences. A type collection was not mentioned. LINDAU (1907: 801) cited it as a synonym of *C. herbarum* (Pers.: Fr.) Link.

herbarum [(Pers.: Fr.) Link] f. *rubi* Gonz. Frag., Mem. Real Acad. Ci. Barcelona, Ser. 3, 15(17): 458 (32) (1920)**!**.

T: on leaves of *Rubus rusticana* and *Rubus* sp. (Rosaceae), Spain, Barcelona, Bonanova and Vallvidrera, Sept. 1915 and Jul. 1918, Fr. Sennen (MA 06328, 06329).

Lit.: SACCARDO (1931: 795), PRASIL & DE HOOG (1988: 53, as 'var.').

herbarum [(Pers.: Fr.) Link] f. *saxicola* Sacc., Michelia 2(8): 578 (1882)**!**.

T: on wet stones, USA, New Jersey, Newfield, Ellis no. 3551 (PAD).

Lit.: PRASIL & DE HOOG (1988: 54)**!**.

Notes: Original specimen at PAD contains no fungus (PRASIL & DE HOOG 1988).

herbarum [(Pers.: Fr.) Link] f. *sechii-edulis* Thüm., Herb. myc. oec., Fasc. X, No. 466 (1877), nom. nud.

T: on *Sechium edule* (Cucurbitaceae), USA, Thüm., Herb. myc. oec. 466.

Lit.: STEVENSON (1971).

herbarum [(Pers.: Fr.) Link] f. *stellariae* Unamuno, Bol. Soc. Esp. Hist. Nat. 34: 146 (1934)**!**.

T: on dead leaves of *Stellaria uliginosa* (Caryophyllaceae), Spain, León, Cerca de Baña, Arroyo, Sierra Baja, 1200 m, 7 Aug. 1933, W. Rothmaler, Iter Hispanicum 583 (MA 06330).

Lit.: SACCARDO (1972: 1338), PRASIL & DE HOOG (1988: 54).

herbarum [(Pers.: Fr.) Link] var. *agaves-echeveriae* Savelli, Ann. Reale Accad. Agric. Torino 56: 113 '1913' (1914)**!**, as 'f. *agaves-echeveriae*'.

Lit.: SACCARDO (1931: 796).

Notes: see *C. herbarum* f. *agaves-echeveriae*.

herbarum [(Pers.: Fr.) Link] var. *aphidicola* C. Massal., in Sacc., Madonna Verona 1918: 21 (1918).

T: parasitic on aphids, Italy (PAD).

Lit.: SACCARDO (1931: 798), PRASIL & DE HOOG (1988: 52).

Notes: No aphids nor *Cladosporium* conidia could be found in authentic specimen at PAD (PRASIL & DE HOOG 1988).

herbarum [(Pers.: Fr.) Link] var. *aphidis* Fuckel, Jahrb. Nassauischen Vereins Naturk. 23–24: 356 '1869' (1870)**!**, as 'α *aphidis*', nom. nud.

T: on dead carcass of Aphidina (Blattläuse) on *Cornus sanguinea*, Germany, near Oestrich.
Lit.: SACCARDO (1886: 369), LINDAU (1907: 830), PRASIL & DE HOOG (1988: 52).
Notes: Type material is not preserved in herb. G (PRASIL & DE HOOG 1988).

herbarum [(Pers.: Fr.) Link] var. *brassicae*, in herb.

On leaves of *Brassica napus* (Brassicaceae), Czech Republic, Bohemia N., Decin (Tetschen), spring 1873, de Thümen (BPI 427187).

herbarum [(Pers.: Fr.) Link] var. *carpophilum*, in herb.

On *Cheiranthus cheiri* (= *Erysimum cheiri*) (Brassicaceae), Italy, Treviso, Selva, Jul. 1899, von Thümen (BPI 427188A, 427188B).

herbarum [(Pers.: Fr.) Link] var. *cellulosae* Sartory, R. Sartory, J. Mey. & Baumli, Papier 38(1): 43 (1935). ? (not in this volume, probably not in this journal).

T: on rotten paper, France.
Lit.: PRASIL & DE HOOG (1988: 52).
Notes: location of material unknown (no material in PC or STR); possible identity with *C. sphaerospermum*.

herbarum [(Pers.: Fr.) Link] var. *cerealium* Sacc., in Ferraris, Ann. Mycol. 7: 285 (1909)**!**.

T: on leaves, culms etc. of cereals (*Triticum*, *Hordeum*, *Secale* etc.) (Poaceae), Europe (PAD?).
Lit.: LINDAU (1910: 795), FERRARIS (1912: 333), SACCARDO (1913: 1366), PRASIL & DE HOOG (1988: 52).
Notes: The species was described as a substrate form on cereals without any real morphological difference (PRASIL & DE HOOG 1988).

herbarum [(Pers.: Fr.) Link] var. *citricola* H.S. Fawc. & O.F. Burger, Phytopathology 1: 165 (1911)**!**.

T: on *Citrus* sp. (Rutaceae), USA, Florida (FLAS).
Lit.: PRASIL & DE HOOG (1988: 52).
Notes: This variety, sufficiently different from *C. herbarum*, is to be considered as a separate species (PRASIL & DE HOOG 1988).

herbarum [(Pers.: Fr.) Link] var. *densum* Roum., F. sel. gall. exs., Cent. X, No. 950 (1880).

T: on leaves of *Rhus cotinus* (= *Cotinus coggygria*) (Anacardiaceae), France, Roum., F. sel. gall. exs. 950.
Lit.: OUDEMANS (1921).

herbarum [(Pers.: Fr.) Link] var. *epixylinum* Corda.

Lit.: SACCARDO & BERLESE (1884: 100). (No place of publication is provided).

herbarum [(Pers.: Fr.) Link] var. *fasciculare* Corda, Icon. fung. 3: 9 (1839)**!**, as 'β *fasciculare*'.

T: on stems of umbellifers, Lilliaceae and *Equisetum* sp., Czech Republic.
Lit.: SACCARDO (1886: 351), LINDAU (1907: 803), FERRARIS (1912: 333), PRASIL & DE HOOG (1988: 52).
Ill.: CORDA (1839: Tab. 1, Fig. 20).
Notes: Type material is not preserved in PRM, but from the figures it seems to be indistinguishable from *C. herbarum* (PRASIL & DE HOOG 1988). RABENHORST (1844) listed it as synonym of *C. fasciculare* (Pers.) Fr.

herbarum [(Pers.: Fr.) Link] var. *fimicola* Marchal, Bull. Soc. Roy. Bot. Belgique 24(1): 67 (1885)**!**, as 'forma *fimicola*'.

Lit.: SACCARDO (1886: 351, as '*fimicolum*'), LINDAU (1907: 803).
Notes: see *C. herbarum* f. *fimicola*.

herbarum [(Pers.: Fr.) Link] var. *flosculorum*, in herb.

On florets of *Anthemis austriaca* (Asteraceae), Czech Republic, Bohemia N., Teplice, summer 1873, von Thümen (BPI 427196).

herbarum [(Pers.: Fr.) Link] var. *hypharum* (sic) Westend. & Van Haes., LINDAU (1910 – in index).

An error. Refers to *C. herbarum* var. *typharum* Westend. & Van Haes. in LINDAU (1907: 801).

herbarum [(Pers.: Fr.) Link] var. *indutum* Thüm., Mycoth. univ., Cent. XVI, No. 1571 (1880)**!**.

T: on dry stems of *Zea mays* (Poaceae), USA, South Carolina, Aiken, 1877, H.W. Ravenel, Thüm., Mycoth. univ. 1571 (e.g., HAL).

herbarum [(Pers.: Fr.) Link] var. *lablab* Sacc., Philipp. J. Sci. 18: 604 (1921).

T: on legumes of *Dolichos lablab* (Fabaceae), China, Foochow (PAD).

Lit.: SACCARDO (1931: 792), PRASIL & DE HOOG (1988: 52).

Notes: Authentic material at PAD contains *C. herbarum*, *C. cladosporioides*, *Alternaria alternata* and *Penicillium*-like conidia (PRASIL & DE HOOG 1988).

herbarum [(Pers.: Fr.) Link] var. *lignicola* Thüm., F. austr., Fasc. 9, No. 891 (1874)**!**, nom. nud.

T: on wood of *Pinus* sp. (Pinaceae), Czech Republic, Bohemia, Libouchec (Königswald), summer 1873, von Thümen, Thüm., F. austr. 891 (e.g., BPI 427199; HAL).

herbarum [(Pers.: Fr.) Link] **var. *macrocarpum*** (Preuss) M.H.M. Ho & Dugan, in Ho, Castañeda, Dugan & Jong, Mycotaxon 72: 131 (1999)**!**, as '*Cladosporium herbarum* (Pers.) Link var. *macrocarpum* M.H.M. Ho & F.M. Dugan, comb. nov.'.

T: on dead leaves of *Eryngium pandanifolium* (Apiaceae), Italy, Saccardo (Herb. mycol.) 419 [PAD: neotype, selected by DE VRIES (1952) as 'lectotype'].

≡ *Cladosporium macrocarpum* Preuss, in Sturm, Deutschl. Fl. 3(6): 27 (1848)**!**.

Lit.: MCKEMY & MORGAN-JONES (1991c), DAVID (1997: 71).

Ill.: HO et al. (1999: 130, Fig. 23).

Notes: see *C. macrocarpum* Preuss.

herbarum [(Pers.: Fr.) Link] var. *macrosporum* Lagière, Ann. École Natl. Agric. Grignon, Sér. 3, 5: 159 (1945–1946)**!**.

T: on leaves of *Phleum pratense* (Poaceae), France, Seine-et-Oise, Grignon, 1944, Lagière.

= ? *Cladosporium phlei* (C.T. Greg.) G.A. de Vries, Contr. Knowl. Genus *Cladosporium*: 49 (1952)**!**.

Lit.: PRASIL & DE HOOG (1988: 53).

Notes: Original material seems to be lost. PRASIL & DE HOOG (1988) consider it to be probably a *Heterosporium* species.

herbarum [(Pers.: Fr.) Link] var. *nigricans* (Roth: Fr.) Fr., Syst. mycol. 3(2): 371 (1832)**!**, as ' β *nigricans*'.

T: on wood and other hard substrates.

≡ *Byssus nigricans* Roth, Catal. Bot. 1: 216 (1797).

= ? *Dematium hippocastani* Pers., Ann. Bot. (Usteri) 11: 32 (1794)**!**; Syn. meth. fung. 2: 698 (1801)**!**.

Lit.: SACCARDO (1886: 351; 1931: 798), LINDAU (1907: 803), ARENS (1945), PRASIL & DE HOOG (1988: 53).

Notes: Material could not be traced neither in herb. B nor PRM (PRASIL & DE HOOG 1988).

herbarum [(Pers.: Fr.) Link] var. *phaseoli*, in herb.

On leaves of *Phaseolus vulgaris* (Fabaceae), Czech Republic, Bohemia N., near Dečin (Tetschen), autumn 1873, von Thümen (BPI 427201).

herbarum [(Pers.: Fr.) Link] var. *phlei* Lagière, Ann. École Natl. Agric. Grignon, Sér. 3, 5: 159 (1945–1946)**!**.

T: on leaves of *Phleum pratense* (Poaceae), France, Seine-et-Oise, Grignon, summer 1944, R. Lagière.

Lit.: PRASIL & DE HOOG (1988: 53).

Notes: PRASIL & DE HOOG (1988): "Original material is probably lost, possible identity with *C. macrocarpum*".

herbarum [(Pers.: Fr.) Link] var. *rhois*, in herb.

On dead branches of *Rhus typhina* (Anacardiaceae), Austria, Lower Austria, Krems, winter 1870, A. Boller (BPI 427203).

herbarum [(Pers.: Fr.) Link] var. *rubi* Gonz. Frag., Mem. Real Acad. Ci. Barcelona, Ser. 3, 15(17): 458 (32) (1920)**!**.

Notes: see *C. herbarum* f. *rubi* Gonz. Frag.

herbarum [(Pers.: Fr.) Link] var. *saxicola* Sacc., Michelia 2(8): 578 (1882)**!**, as 'forma' *saxicola*.

Lit.: SACCARDO (1886: 351).

Notes: see C. *herbarum* f. *saxicola*.

herbarum [(Pers.: Fr.) Link] var. *solutum* (Link) Sacc. → *solutum*.

herbarum [(Pers.: Fr.) Link] var. *torulosum* Berk. & Broome, The Fungi of Ceylon, no. 886 (1870); J. Linn. Soc., Bot. 14: 99 '1873' (1875)**!**.

T: on leaves of *Anamirta* (Menispermaceae), India, Ceylon (K).

Lit.: SACCARDO (1886: 351), PETCH (1927), PRASIL & DE HOOG (1988: 53).

Notes: PRASIL & DE HOOG (1988) considered this variety to be identical with *C. herbarum*.

herbarum [(Pers.: Fr.) Link] var. *typharum* Westend., Cryptogames: 26 (1854), nom. inval.

Lit.: OUDEMANS (1919).

Notes: see entry below.

herbarum [(Pers.: Fr.) Link] var. *typharum* Westend. & Van Haes., Cat. crypt.: 8 (1838), no. 173.

Notes: cited in LINDAU (1907: 801) as synonym of *C. herbarum*.

herbarum [(Pers.: Fr.) Link] var. *vincetoxici* Allesch., in P. Sydow, Hedwigia 36(6), Beibl.: 163 (1897)**!**.

T: on dead stems of *Vincetoxicum purpurascens* (Asclepiadaceae), Germany, near Berlin (M).

Lit.: SACCARDO (1899: 1080), LINDAU (1907: 803), PRASIL & DE HOOG (1988: 53).

Notes: indistinguishable from *C. herbarum* (PRASIL & DE HOOG 1988).

herbarum [(Pers.: Fr.) Link] var. *vitricola* Sacc., in Ferraris, Ann. Mycol. 7: 286 (1909)**!**.

T: on dirty, wet glass, Italy (PAD?).

Lit.: LINDAU (1910: 795), FERRARIS (1912: 334), SACCARDO (1913: 1366), PRASIL & DE HOOG (1988: 53).

Notes: "*Byssocladium fenestrale* auct. p.p. non Mart. nec Link" (SACCARDO 1913: 1366).

heteronemum (Desm.) Oudem., Arch. Néerl. Sci. Exact. Nat. 11: 363 (1876)**!**.

T: on dead leaves of *Sagittaria sagittifolia* (Alismataceae), France, Desm., Pl. crypt. N. France, Sér. 2, No. 7.

≡ *Macrosporium heteronemum* Desm., Ann. Sci. Nat. Bot., Sér. 3, 20: 216 (1853)**!**.

= ? *Ascospora solidaginis* Fr., Summa veg. Scand. 2: 425 (1849)**!**.

Notes: Synonymy and exsiccati in OUDEMANS (1923).

heterophragmatis S.A. Kahn & Kamal, Mycopathol. Mycol. Appl. 18(4): 246 (1962)**!**.

T: on leaves of *Heterophragma adenophyllum* (Bignoniaceae), West Pakistan, Tandoja,

Campus A.R.I., 15 Nov. 1961, Shakil Ahmad Khan (IMI 90787).
Ill.: KAHN & KAMAL (1962: 247, Fig.).

heterosporium, in herb.
Substrate Undetermined, USA, New York, G.W. Clinton (BPI 427204).

heuglinianum Thüm., Rev. Mycol. (Toulouse) 1: 11 (1879)**!**.
T: on leaves of *Buddleja polystachya* (Buddlejaceae), near Nakfa on Red Sea (Nakfa ad Mare Rubrum).
Lit.: SACCARDO (1892: 603).

hibisci Reichert, Bot. Jahrb. Syst. 56: 721 (1921)**!**.
T: on dry stems of *Hibiscus esculentus* (Malvaceae), Egypt, near Siut, Oct. 1822/25, Ehrenberg (B).
Lit.: SACCARDO (1972: 1338).
Ill.: REICHERT (1921: Tab. 4, Fig. 3).

hordei (Bruhne) Pidopl. → *bruhnei*.

hordei Pass., in Brunaud, Fragments Mycologiques 1884–1885: 32 (1887).
T: on faded leaves of *Hordeum distichum* (= *distichon*) (Poaceae), France, Saintes.
Lit.: SACCARDO (1892: 605).
Notes: Type at B missing (Burghard Hein, personal communication).

hoveae Syd. & P. Syd., Ann. Mycol. 15: 148 (1917)**!**.
T: on leaves of *Hovea longifolia* var. *pannosa* (Fabaceae), Australia, Brisbane River, 1863–1865, A. Dietrich, comm. J. Bornmüller (S: holotype).
Lit.: SACCARDO (1931: 792).

humile Davis, Trans. Wisconsin Acad. Sci. 19: 702 (1919)**!**.
T: on leaves of *Acer rubrum* (Aceraceae), USA, Wisconsin, Luck, 25 Aug. 1916, J.J. Davis (WIS: lectotype; BPI 427214: isolectotype).
≡ ***Fusicladium humile*** (Davis) K. Schub. & U. Braun, IMI Descriptions of Fungi and Bacteria 152, No. 1520 (2002)**!**.
≡ *Fusicladosporium humile* (Davis) Partridge & Morgan-Jones, Mycotaxon 85: 366 (2003)**!**.
Teleomorph: *Venturia acerina* Plakidas ex M.E. Barr, Canad. J. Bot. 46: 814 (1968)**!**.
Lit.: SACCARDO (1931: 788), ELLIS (1976: 340), SIVANESAN (1984: 607, as *Cladosporium* state of *Venturia acerina*), SCHUBERT et al. (2003: 57).

hydrangeae Z.Y. Zhang & T.F. Li, in Zhang, Li, Zhang & Wang, J. Anhui Agric. Univ. 26: 40 (1999)**!**.
T: on living leaves of *Hydrangea macrophylla* (Hydrangeaceae), China, Liaoning, 16 Sept. 1992, Wang & Li (MHYAU 07029: holotype).
Ill.: ZHANG et al. (1999: 41, Fig. 1).
Notes: The article is published in a supplement to volume 26.

hypophloeum Berk. & M.A. Curtis, in Berkeley, J. Linn. Soc., Bot. 10: 362 (1869)**!**.
T: on leaves of a Sapindaceae, Cuba, February.
Lit.: SACCARDO (1886: 359).

hypophyllum Fuckel, Jahrb. Nassauischen Vereins Naturk. 23–24: 356 '1869' (1870)**!**.
T: on the lower surface of living leaves of *Ulmus campestris* (Ulmaceae), Germany, 'auf Grünau bei Hattenheim am Rheinufer', Fuckel, F. rhen. 1629 (e.g., BPI 427228, 427229; HAL).
= ***Cladosporium cladosporioides*** (Fresen.) G.A. de Vries, Contr. Knowl. Genus *Cladosporium*: 57 (1952)**!**.
Lit.: SACCARDO (1886: 360), LINDAU (1907: 820).

'*hyridis*, in herb.' (?) – BPI 427627 TYPE
[probably misspelling of '*xyridis*', i.e., *Cladosporium xyridis* Tracy & Earl; *Xyris fimbriata* (Xyridaceae), USA, Mississippi, 29 Sept. 1895, F.S. Earle].

idesiae Bres., in Sydow, Hedwigia 35(1), Beih.: 62 (1896)**!**.
T: on leaves of *Idesia* sp. (Flacourtiaceae), Germany, Berlin, Späth'sche Baumschule,

Sydow, Mycoth. march. 4498 (B).
Lit.: SACCARDO (1899: 1081), LINDAU (1907: 828).

inaequiseptatum Matsush., Icones Microfungorum a Matsushima Lectorum: 35 (1975)**!**.
T: on a dead leaf of *Quercus phillyraeoides* (Fagaceae), Japan, Miyajima, Hiroshima, May 1972 (Matsush. Herb. 4428).
≡ ***Parapleurotheciopsis inaequiseptata*** (Matsush.) P.M. Kirk, Trans. Brit. Mycol. Soc. 78(1): 65 (1982)**!**.

inconspicuum Thüm., Contributiones ad florum mycologicam lusitanicam, Ser. 2, No. 193/133? (1879) and Hedwigia 19: 133 (1880)**!**.
T: on living leaves of *Styrax officinalis* (Styracaceae), Portugal, Coimbra, botanical garden, Oct. 1878, Moller.
Lit.: SACCARDO (1886: 359), OUDEMANS (1923).

indicum J.N. Rai, J.P. Tewari & Mukerji, Mycopathol. Mycol. Appl. 38: 22 (1969)**!**.
T: from mangrove mud, India, West Bengal, via Lucknow University, 26 Mar. 1962, J.N. Rai (IMI 92675, IMI 92676).
Ill.: RAI et al. (1969: 25, Figs 12–16).

indigoferae Sawada, Special Publ. Coll. Agric. Natl. Taiwan Univ. 8: 196 (1959)**!**, nom. inval.
T: on stems of *Indigofera tinctoria* (Fabaceae), Taiwan, Pref. Taipei, Taipei, 18 Aug. 1909, K. Sawada (BPI 427230; PPMH).
Ill.: SAWADA (1959: Pl. 3, Figs 8–9).

infuscans Thüm., Rev. Mycol. (Toulouse) 1: 59 (1879)**!**.
T: on living stems of *Desmodium strictum* (Fabaceae), USA, South Carolina, Aiken, H.W. Ravenel, Thüm., Mycoth. univ. 1573 (e.g., BPI 427232, 427231; HAL; M; NY).
≡ ***Dendryphiella infuscans*** (Thüm.) M.B. Ellis, Dematiaceous Hyphomycetes: 500 (1971)**!**.
Lit.: SACCARDO (1886: 361).

inopinum (Petr.) U. Braun, Mycotaxon 55: 224 (1995)**!**.
T: on leaves of *Gynoxys hallii* (Asteraceae), Ecuador, Pichincha, near Quito, 20 Sept. 1937, H. Sydow, Reliquiae Petrakianae 1350 (GZU: syntype).
≡ *Cercospora inopina* Petr., Sydowia 4: 570 (1950)**!**.
Lit.: CROUS & BRAUN (2003: 227).
Ill.: BRAUN (1995: 225, Fig. 2).

insectorum Gonz. Frag., Broteria, Sér. Bot. 22: 69 (1926)**!**, as '*insectarum*'.
T: on *Saissetia hemisphaerica* (Homoptera, Coccidae) on leaves of *Asplenium lineatum* (Aspleniaceae) and *Cordyline congesta* (Dracaenaceae), Spain, Madrid, botanical garden, Mar. 1925, Menor.
Lit.: SACCARDO (1972: 1338).
Notes: Type collections could not be located in herb. MA.

iridicola Schwein., Trans. Amer. Philos. Soc., N.S., 4(2): 277 (1832)**!**.
T: on leaves of *Iris virginica* (Iridaceae), USA, Pennsylvania, Bethlehem, No. 2604.
Lit.: SACCARDO (1886: 367, as '*iridicolum*'), ZHANG et al. (1999: 41–42).
Ill.: ZHANG et al. (1999: 41, Fig. 2).
Notes: Type material could not be located in herb. PH, it is probably not preserved. A record of this species from China is reported by ZHANG et al. (1999).

iridis (Fautrey & Roum.) G.A. de Vries, Contr. Knowl. Genus *Cladosporium*: 49 (1952)**!**.
T: on leaves of *Iris germanica* (Iridaceae), France, Cote d'Or, Jardin de Noidan, Jul. 1880, F. Fautrey, Roum., F. sel. gall. exs. 5689 (PC: lectotype, selected by DAVID, 1997; K: isolectotype).
≡ *Scolecotrichum iridis* Fautrey & Roum., Rev. Mycol. (Toulouse) 13: 82 (1891).
≡ *Heterosporium iridis* (Fautrey & Roum.) J.E. Jacques, Contr. Inst. Bot. Univ. Montréal 39: 18 (1941).

= *Heterosporium gracile* Sacc., Syll. fung. 4: 480 (1886)**!**, as '(Wallr. ?) Sacc.'. [T: PAD: lectotype].
= *Heterosporium montenegrinum* Bubák, Sber. K. böhm. Ges. Wiss. Math.-Nat. Kl. 1903(12): 21 (1903). [T: BPI: lectotype].
= *Scolecotrichum cladosporioideum* Maire, Ann. Mycol. 4: 329 (1906)**!**, as 'sp. prov. nov.'. [T: MPU: holotype; PC, K: isotypes].
= ? *Heterosporium pruneti* Nicolas & Aggéry, Rev. Pathol. Vég. Entomol. Agric. France 15: 66 (1928)**!**.
= *Heterosporium iridis-pumilae* Săvul. & Sandu, Hedwigia 75: 222 (1935)**!**. [T: IMI 10047, K: isotypes].

Teleomorph: *Davidiella macrospora* (Kleb.) Crous & U. Braun, in Braun, Crous, Dugan, Groenewald & de Hoog, Mycol. Progr. 2(1): 10 (2003)**!**.

Lit.: ELLIS (1971: 312), ELLIS & WALLER (1974), SIVANESAN (1984: 222, as *Cladosporium* state of *Mycosphaerella macrospora*), MCKEMY & MORGAN-JONES (1990), DAVID (1997: 43), SHIN et al. (1999).

Ill.: ELLIS (1971: 311, Fig. 215 B), SIVANESAN (1984: 224, Fig. 120), MCKEMY & MORGAN-JONES (1990: 427, Fig. 1; 429, Pl. 1; 431, Fig. 2; 433, Fig. 3; 437, Pl. 2), DAVID (1997: 45, Fig. 11), SHIN et al. (1999: Fig. 1).

Host(s)/substrate(s) & distribution: on *Iris* spp., including *I. florentina*, *I. foetidissima*, *I. germanica*, *I. gueldenstaedtiana*, *I. pallida*, *I. plicata* (= *I. swertii*), *I. pseudacorus* and other species, also on *Belacamanda chinensis* (= *Gemmingia chinensis*); Europe, Asia, Africa, North America, Central & South America, Australia.

jacarandae Viégas, Bragantia 7(2): 33 (1947)**!**.

T: on living leaves of *Jacaranda* sp. (Bignoniaceae), Brazil, Minas Gerais, Agua Limpa, Exp. de Agua Limpa, 21 May 1945, E.P. Heringer (IACM).

Ill.: VIÉGAS (1947: 46, Fig. 11).

jasmini Schwein. → *maculans* Schwein.

javanicum Wakker, Meded. Proefstat. Oost-Java, N.S., 28: 1–9 (1896)**!**.

T: on cortex of (in corticibus) *Saccharum officinarum* (Poaceae), Java.

Lit.: SACCARDO (1899: 1082).

Ill.: WAKKER (1896: Tab. 1).

juglandinum Cooke, Grevillea 16(79): 80 (1888)**!**.

T: on fading leaves of walnut (*Juglans regia*, Juglandaceae), Great Britain, Highgate (K).

Lit.: SACCARDO (1892: 604), LINDAU (1907: 819).

juglandis Pass., in herb.

On leaves of *Juglans regia* (Juglandaceae), Italy (B).

Notes: on the label: "a *Cladosporium epiphyllo* Nees".

juncicolum Rabenh. / P. Magnus, in herb.

On *Juncus acutus*? (Cyperaceae), Egypt, P. Ascherson, iter aegyptiacum quartum, ex herb. P. Magnus (HBG).

Notes: on the label: "viell. *Brachysporium juncicolum* Rabenh.; *Helminthosporium juncicolum* Rabenh." SACCARDO (1886: 430): "*Brachysporium juncicolum* (Rabenh.) Sacc. *Helminthosporium juncicolum* Rabenh., Bot. Zeit. 1851, p. 626 – An *Cladosporium*?".

kapildharens C.D. Sharma, Gadp., Firdousi, A.N. Rai & K.M. Vyas, Indian Phytopathol. 51(2): 160 (1998)**!**.

T: on living leaves of an unknown host, India, Madhya Pradesh, Shahdol circle, Amarkantak (south forest division), Kapil dhara, Jan. 1993, C.D. Sharma (S.U. Herb. No. C.S.2: holotype; IMI 356766: isotype).

Ill.: SHARMA et al. (1998: 155, Fig. 3).

kniphofiae Cooke, Grevillea 14(70): 40 (1885)**!**.

T: on dead leaves of *Kniphofia aloides* (Asphodelaceae), Great Britain, Surrey, Kew, Royal Botanic Gardens, Aug. 1895, M.C. Cooke (K 121560: holotype).

Lit.: SACCARDO (1886: 367).
Notes: In SUBRAMANIAN (1971) the species is cited as synonym of *Cladosporium herbarum* (Pers.: Fr.) Link.

lacroixii Desm., Pl. crypt. N. France, Ed. 3, Fasc. 15–16, No. 755 (1860).
T: on *Narcissus jonquilla* (Amaryllidaceae), France, Vienne, L.-S.V. de Lacroix, Desm., Pl. crypt. N. France 755 (PC: lectotype, selected by DAVID, 1997; BR, K, IMI 118411: isolectotypes).
Lit.: SACCARDO (1886: 370), ELLIS (1976: 333), DAVID (1997: 50).
Ill.: ELLIS (1976: 335, Fig. 253), DAVID (1997: 51, Fig. 13; 53, Fig. 14 G–I).
Notes: OUDEMANS (1919) listed *Allium sphaerocephalum* and *Ornithogalum umbellatum* as hosts, but these records seem to be based on misidentifications referring to *Cladosporium allii* (Ellis & G. Martin) P.M. Kirk & J.G. Crompton and *Cladosporium ornithogali* (Klotzsch ex Cooke) G.A. de Vries.

lactucae Sawada, Rep. Gov. Res. Inst. Formosa 85: 92 (1943)**!**, nom. inval.
T: on *Lactuca indica* (Asteraceae), Taiwan, Taipeh, 9 Mar. 1924, K. Sawada (BPI 427238; PPMH).

lactucicola Y. Cui & Z.Y. Zhang, in He & Zhang, Mycosystema 21(1): 22 (2002)**!**.
T: on living leaves of *Lactuca indica* (Asteraceae), China, Sichuan Prov., Chengdu, 15 Aug. 1985, Y. Qing (MHYAU 03881: holotype).
≡ *Cladosporium lactucicola* Z.Y. Zhang & Y. Cui, in Zhang et al., Flora Fungorum Sinicorum, Vol. 14: 114 (2003)**!**, nom. superfl.
Ill.: HE & ZHANG (2002: 22, Fig. 2), ZHANG et al. (2003: 114, Fig. 73).
Notes: ZHANG et al. (2003) cited *Cladosporium lactucae* Sawada (nom. inval.) as synonym and reported *Lactuca sativa* as an additional host.

ladinum E. Müll., Sydowia 4: 294 (1950)**!**.
T: on dead stems of *Laserpitium halleri* (Apiaceae), Switzerland, Graubünden, Scuol, 17 Jul. 1948, E. Müller (ZT).
Teleomorph: ? *Leptosphaeria ladina* E. Müll., Sydowia 4: 293 (1950)**!**.
≡ *Nodulosphaeria ladina* (E. Müll.) L. Holm, Symb. Bot. Upsal. 14(3): 83 (1957)**!**.
Notes: 'It must be considered a culture contaminent rather than an anamorph' (CRANE & SHEARER 1991).

lanciforme Ces., Flora 36: 204 (1853)**!**.
T: on *Typha* sp. (Typhaceae), Italy, mixed infection with *Cladosporium astroideum* Ces.
≡ *Cladosporium typharum* [Desm.] f. *lanciforme* (Ces.) Ferraris, Flora Ital. Crypt., Pars I, Fungi, Fasc. 8: 337 (1912)**!**.
Lit.: SACCARDO (1886: 366), LINDAU [1907: 813, indexed as '*laniforme* Ces.' in LINDAU (1910)].

langeronii (Fonseca, Leão & Nogueira) Vuill., Champ. paras.: 78 (1931)**!**.
T: isolated from an 'ulcero-nodular mycosis'.
≡ *Hormodendron langeronii* Fonseca, Leão & Nogueira, Sci. Med. 5: 563 (1927).
≡ *Cladosporium langeronii* (Fonseca, Leão & Nogueira) Cif., Manuale di Micologia Medica, ed. 2: 488 (1960)**!**, as '*langeroni*', comb. superfl.
= ***Cladosporium sphaerospermum*** Penz., in Sacc., Michelia 2(8): 473 (1882)**!**.
Lit.: DODGE (1935: 847–848), DE HOOG et al. (2000: 592).

lantanae K. Bhalla & A.K. Sarbhoy, Indian Phytopathol. 53(3): 263 (2000)**!**.
T: on living leaves of *Lantana camara* (Verbenaceae), Cuba, Bayamo, Mar. 1967, R. Urtiaga (IMI 126781b).
≡ *Mycovellosiella lantanae* [Chupp] var. *cubensis* Deighton, Mycol. Pap. 137: 36 (1974)**!**.
≡ ***Passalora lantanae*** var. ***cubensis*** (Deighton) U. Braun & Crous, in Crous & Braun, *Mycosphaerella* and its anamorphs: 1. Names published in *Cercospora* and *Passalora*, CBS Biodiversity Ser. 1: 243 (2003)**!**.

laricis Sacc., Ann. Mycol. 3: 515 (1905)**!**.
T: on still living leaves of *Larix europaea* (= *Larix decidua*) (Pinaceae), Italy, Apenninen, Giogo di Scarparia (Mugello), Prof. V. Perona (PAD, according to GOLA 1930).

Lit.: LINDAU (1907: 812), FERRARIS (1912: 336; 1914: 883), SACCARDO (1913: 1369; 1931: 790).

Notes: See Saccardo's comments on relation to *Meria* (1931: 1370).

laricis [Sacc.] var. *pini-pineae* Sacc. & Trotter, I Funghi dell'Avellinese, Avellino: 154 (1920).

T: on sheaths of living leaves or leaves becoming dry (In vaginis adhuc vivis vel arescentibus foliorum) of *Pinus pinea* (Pinaceae), Italy, Campania, near Avellino, mixed infection with *Pestalozzia hartigi*.

Lit.: SACCARDO (1931: 790).

lathyri Z.Y. Zhang & Y.L. Liu, J. Yunnan Agric. Univ. 15(3): 219–221 (2000).

T: on *Lathyrus quinquenervius* (Fabaceae), China (MHYAU 07835: holotype).

Ill.: ZHANG et al. (2003: 115, Fig. 74).

lauri Raybaud, Congr. Pathol. Végét. (Cent. Pasteur), Strausbourg: 48 (1923)**!**.

T: on leaves of *Laurus nobilis* (Lauraceae), on *Aonidia lauri* (Hemiptera, Diaspididae) and *Lecanium hesperidum*, France.

laxicapitulatum Matsush., Icones Microfungorum a Matsushima Lectorum: 35 (1975)**!**.

T: on a rotting leaf of *Pasania edulis* (Fagaceae), Japan, Hyogo, Kobe City, Apr. 1969 (Matsush. herb. 2570).

Lit.: HO et al. (1999: 131).

Ill.: MATSUSHIMA (1975: Pl. 42, Figs 1–2), HO et al. (1999: 133, Figs 24–25).

laxum Kalchbr. & Cooke, Grevillea 9(49): 24 (1880)**!**.

T: on fading leaves of *Printzia pyrifolia* (Asteraceae), South Africa (IMI 115272; K).

≡ *Mycovellosiella laxa* (Kalchbr. & Cooke) Deighton, Mycol. Pap. 137: 65 (1974)**!**.

≡ ***Passalora laxa*** (Kalchbr. & Cooke) U. Braun & Crous, in Crous & Braun, *Mycosphaerella* and its anamorphs: 1. Names published in *Cercospora* and *Passalora*, CBS Biodiversity Ser. 1: 458 (2003)**!**.

Lit.: SACCARDO (1886: 358).

leproides (L. Léger & Nogueira) Nann., Trattato di Micopatologia Umana 4: 409 (1934)**!**, as '(Léger & Nogueira) Thom 1930'.

T: isolated from two patients with mild lesions resembling leprosy.

≡ *Scopulariopsis leproides* L. Léger & Nogueira, Bull. Soc. Pathol. Exot. 15: 656 (1922).

≡ *Hormodendrum leproides* (L. Léger & Nogueira) C.W. Dodge, Med. Mycol.: 848 (1935)**!**.

Notes: "Certainly not a *Scopulariopsis*" (Mycol. Pap. 86: 87, 1963).

leprosum Morgan-Jones, Mycotaxon 6(1): 1 (1977)**!**.

T: on painted surface of veneer, USA, Alabama, Lee Co., Auburn, Apr. 1976, G. Morgan-Jones (BPI: holotype; AUA).

Ill.: MORGAN-JONES (1977: 2, Fig. 1).

lethiferum House, Bull. New York State Mus. Nat. Hist. 219/220: 62 (1919–1920)**!**.

Notes: Petrak (Petrak's Lists 1: 192) seems to have errored. *C. lethiferum* Peck is the published name. See comments under *Cladosporium brevipes* House.

lethiferum Peck, Rep. (Annual) New York State Mus. Nat. Hist. 40: 64 (1887)**!**.

T: on living leaves of *Populus tremuloides* (Salicaceae), USA, New Hampshire, Keene, Jun. 1887, Peck (NYS: holotype; BPI 427241: isotype).

≡ *Pollaccia lethifera* (Peck) M. Morelet, Bull. Soc. Sci. Nat. Archéol. Toulon & Var 34 (219): 12 (1978)**!**.

≡ *Pollaccia radiosa* [(Lib.) E. Bald. & Cif.] var. *lethifera* (Peck) M. Morelet, Cryptog. Mycol. 6: 113 (1985)**!**.

≡ ***Fusicladium radiosum*** [(Lib.) Lind] var. ***lethiferum*** (Peck) Ritschel & U. Braun, in Schubert, Ritschel & Braun, Schlechtendalia 9: 87 (2003)**!**.

= *Clasterosporium populi* Ellis & Everh., J. Mycol. 7: 134 (1892), nom. illeg., homonym, non *C. populi* Sacc., 1886. [T: NY].

≡ *Stigmina populi* Pound & Clem., Bull. Geol. Nat. Hist. Surv. 9: 662 (1896), as '(Ellis & Everh.) Pound & Clem.'.
≡ *Stigmina populi* Peck, Bull. New York State Mus. Nat. Hist. 157: 34 (1912), as '(Ellis & Everh.) Peck'.
= *Dicoccum populinum* Ellis & Everh., Proc. Acad. Nat. Sci. Philadelphia 46: 462 (1894). [T: NY].
= *Fusicladium lageniforme* Solheim & Hadfield, in Hadfield, Univ. Wyoming Pupl. 1946: 18–19 (1946), nom. inval.
= *Pollaccia americana* Ondřej, Eur. J. Forest Pathol. 2: 144 (1972). [T: DAOM, as *Fusicladium radiosum* (Lib.) Lind].
Teleomorph: *Venturia tremulae* [Aderh.] var. *grandidentatae* M. Morelet, Cryptog. Mycol. 6: 113 (1985).
Lit.: SACCARDO (1892: 604).

levieri (Magnus) Hara, Agric. & Hort. 12: 2706 (1937)**!**.
T: on *Diospyros lotus* (Ebenaceae), Caucasus, Georgia, Batum, 'in silvis litoris Euscini', 16 Jun. 1890 (HBG: holotype).
≡ ***Fusicladium levieri*** Magnus, in Sommier & Lévier, Trudy Imp. S.- Peterburgsk. Bot. Sada 16: 543 (1900)**!**.
≡ *Ragnhildiana levieri* (Magnus) Vassiljevsky, in Vassiljevsky & Karakulin, Parazitnye nesovershennye griby, Ch. 1., Gifomicety: 373 (1937)**!**.
≡ *Phaeoramularia levieri* (Magnus) U. Braun, in Braun & Melnik, Proc. Komarov Bot. Inst. (St. Petersburg) 20: 69 (1997)**!**.
= *Fusicladium kaki* Hori & Yoshino, Bot. Mag. (Tokyo) 19: 220 (1905).
= *Fusicladium diospyros* Chona, Munjal & J.N. Kapoor, Indian Phytopathol. 9: 129 (1956)**!**. [T: HCIO?].
= *Fusicladium diospyros* Hori & Yoshino, in herb. (B).
Lit.: SCHUBERT (2001), CROUS & BRAUN (2003: 482), SCHUBERT et al. (2003: 61–62).

lichenicola Linds., Quart. J. Microscop. Sci., N.S., 11: 42 (1871)**!**, as '*lichenicolum*'.
T: on thallus of *Peltigera aphthosa* (Peltigeraceae), Great Britain, Scotland, S. Aberdeenshire, Falls of the Garrawalt, Aug. 1856, W.L. Lindsay.
Lit.: HAWKSWORTH (1979: 269).
Notes: "...refers only to sterile mycelium. Lindsay was hesitant in introducing the name as he stated that the fungus '... if it is entitled to specific distinction, may be fitly denominated *C. lichenicolum*'." (HAWKSWORTH 1979).

lichenum Keissl., Centralbl. Bakteriol., 2. Abth., 37: 389 (1913)**!**.
T: on apothecia of *Haematomma cismonicum* (Haematommataceae), Austria, Steiermark, valle See-Aü at Leopoldsteiner See near Eisenerz, alt. 700 m, Jul. 1912, K. von Keissler (W1912/117: holotype).
≡ *Pseudocercospora lichenum* (Keissl.) D. Hawksw., Bull. Brit. Mus. (Nat. Hist.), Bot. 6(3): 246 (1979)**!**.
Lit.: SACCARDO (1931: 796).
Ill.: HAWKSWORTH (1979: 247, Fig. 31).

lignatile Schwein., Trans. Amer. Philos. Soc., N.S., 4(2): 277 (1832)**!**.
T: on rotten wood, USA, Pennsylvania, Bethlehem, No. 2601 (PH, as '*lignatilis*').
≡ *Virgaria lignatilis* (Schwein.) S. Hughes, Canad. J. Bot. 31: 603 (1953)**!**.
= *Botrytis nigra* Link, Ges. Naturf. Freunde Berlin Mag. Neuesten Entdeck. Gesammten Naturk. 3: 14 (1809).
≡ ***Virgaria nigra*** (Link) Nees, Syst. Pilze 1: 54 (1817)**!**.
≡ *Sporotrichum nigrum* (Link) Fr., Syst. mycol. 3(2): 416 (1832).
≡ *Trichosporum nigrum* (Link) Fr., Summa veg. scand. 2: 492 (1849).
= *Sporotrichum fuliginosum* Pers., Mycol. eur. 1: 77 (1822). [T: L].
= *Botrytis atrofumosa* Cooke & Ellis, Grevillea 6(39): 90 (1878)**!**. [T: K; NY].
≡ *Virgaria atrofumosa* (Cooke & Ellis) Sacc., Syll. fung. 4: 281 (1886)**!**.

= *Trichosporum splenicum* Sacc. & Berl., Atti Reale Ist. Veneto Sci. Lett. Arti, Ser. 6, 3(4): 741 (1885). [T: PAD].

Lit.: SACCARDO (1886: 356), HUGHES (1958: 751, 823).

lignicola Corda, Icon. fung. 1: 14 (1837)**!**, as '*lignicolum*'.

T: on rotten wood, Czech Republic, near Prag (PRM).

Lit.: COOKE (1871: 584), SACCARDO (1886: 356), LINDAU (1907: 809), FERRARIS (1912: 340), HO et al. (1999: 132).

Ill.: CORDA (1837: Tab. 3, Fig. 206), HO et al. (1999: 133, Figs 26–27).

Notes: HUGHES (1958) reduced the species to a synonym of *Cladosporium herbarum* (Pers.: Fr.) Link, whereas HO et al. (1999) treat it as a distinct species.

lineolatum Sacc., Ann. Mycol. 12: 313 (1914)**!**.

T: on faded or dead leaves of *Capparis micracantha* (Capparidaceae), Phillipines, Prov. Rizal, Albany, Mar. 1912, P.W. Graff, No. 16748 (PAD ?).

Lit.: SACCARDO (1931: 789).

linicola Pidopl. & Deniak, in Pidoplichko, Gribnaja Flora Grubych Kormov: 267 (1953)**!**, nom. inval.

T: on seeds of flax (Linaceae), also found on damp hay, Ukraine, Kievsk. Oblast.

Ill.: PIDOPLICHKO (1953: 267, Fig. 68).

longipes Sorokīn, On nekot. bolez. vinograda i drug. rast. Kavkazk. Kraja, Tiflis: 26 (1892), also in Z. Pflanzenkrankh. 3: 154 (1893)**!**.

T: on leaves of *Vitis vinifera* (Vitaceae), Caucasus, 'im kubanischen Bezirk'.

Lit.: SACCARDO (1895: 619).

Ill.: SOROKĪN (1892: Tab. 4, Figs 49–50).

lonicerae Sawada, Rep. Gov. Res. Inst. Formosa 86: 163 (1943), nom. inval.

T: on *Lonicera japonica* var. *sempervillosa* (Caprifoliaceae), Taiwan, Taipeh, 20 Dec. 1914, K. Sawada (BPI 427243).

lonicericola Y.H. He & Z.Y. Zhang, Mycosystema 20(4): 469 (2001)**!** and in Zhang et al., Flora Fungorum Sinicorum, Vol. 14: 116 (2003)**!**.

T: on living leaves of *Lonicera japonica* (Caprifoliaceae), China, Yunnan Prov., Kunming, 3 Aug. 1990, H. Li (MHYAU 03533: holotype).

Ill.: HE & ZHANG (2001: 469, Fig. 1), ZHANG et al. (2003: 117, Fig. 75).

Notes: *Abelia biflora* and *Leycesteria formosa* are reported as additional hosts. *Cladosporium lonicerae* Sawada is cited as synonym.

lophodermii Georgescu & Tutunaru, Rev. Biol. (Bucharest) 3(1): 61 (1958)**!**.

T: on apothecia of *Lophodermium pinastrum* (Rhytismataceae) on leaves of *Pinus silvestris* (Pinaceae), Romania, Poiana Stalin at Postăvaru, Jun. 1956.

Ill.: GEORGESCU & TUTUNARU (1958: 60, Fig. 14).

lupiniphilum U. Braun, A monograph of *Cercosporella*, *Ramularia* and allied genera (Phytopathogenic Hyphomycetes) 2: 410 (1998)**!**.

T: on *Lupinus luteus* (Fabaceae), Byelorussia, Minsk area, 1959, Čenaškskaja (?) (LEP: holotype, as '*Ramularia lupini*').

Ill.: BRAUN (1998: 411, Fig. 664).

lychnidis Z.Y. Zhang & Y.L. Liu, Plant Diseases and Their Control: 104 (1998).

T: on *Lychnis coronata* (Caryophyllaceae), China (MHYAU 03958: holotype).

Ill.: ZHANG et al. (2003: 118, Fig. 76).

lycoperdinum Cooke, Grevillea 12(61): 32 (1883)**!**.

T: on *Lycoperdon*, USA, South Carolina, Aiken, Rav., F. amer. exs. 595 (e.g., BPI 427244; K; NY).

Lit.: SACCARDO (1886: 368).

lycopersici Plowr., Gard. Chron. 16: 621 (1881)**!**.

T: on fruits of *Solanum lycopersicum* (= *Lycopersicon esculentum*) (Solanaceae), Great Britain.

Lit.: SACCARDO (1892: 602), FERRARIS (1912: 350).
Ill.: PLOWRIGHT (1881: 621, Fig. 121).

lysimachiae H.C. Greene, Trans. Wisconsin Acad. Sci. 38: 232 (1946)**!**, nom. illeg., homonym, non *C. lysimachiae* Guba, 1939.

T: on living leaves and stems of *Lysimachia terrestris* (Primulaceae), USA, Wisconsin, Dane Co., Madison, Univ. Wisconsin Arboretum, Marsh, 24 Aug. 1943, H.C. Greene (BPI 427245; WIS: syntypes).

lysimachiae Guba, Rhodora 41: 513 (1939)**!**.

T: on living leaves, rarely on the stems of *Lysimachia vulgaris* (Primulaceae), USA, Massachusetts, Nantucket Co., Nantucket, in waste places near the waterfront east of Main Street, 15 Aug. 1936, E.F. Guba, No. 115 (ILL 21101: holotype).

lythri Westend., Bull. Acad. Roy. Sci. Belgique 21(8): 240 (1854)**!**.

T: on leaves of *Lythrum salicaria* (Lythraceae), Belgium, near Courtrai, Westendorp, No. 1091 (BR).
≡ *Cercospora lythri* (Westend.) Niessl, Hedwigia 15: 1 (1876)**!**.
≡ ***Stenella lythri*** (Westend.) J.L. Mulder, Trans. Brit. Mycol. Soc. 65: 517 (1975)**!**.
= *Cercospora sanguinea* Fuckel, Hedwigia 5: 30 (1866)**!**. [T: Fuckel, F. rhen. 1630, e.g., HAL].
Lit.: SACCARDO (1886: 452), LINDAU (1910: 122, 803), CHUPP (1954: 362), CROUS & BRAUN (2003: 259).

machili Sawada, Special Publ. Coll. Agric. Natl. Taiwan Univ. 8: 196 (1959)**!**.

T: on leaves of *Machilus thunbergii* (= *Persea*) (Lauraceae), Taiwan, Pref. Taipei, Taipei, 15 Nov. 1914, Y.F. (PPMH).

macrocarpum Pers. (sic) – listed by SACCARDO & BERLESE (1884: 100).

macrocarpum Preuss, in Sturm, Deutsch. Fl. 3(26): 27 (1848)**!**.

T: on dead leaves of *Eryngium pandanifolium* (Apiaceae), Italy, Saccardo (Herb. mycol.) 419 [PAD: neotype, selected by DE VRIES (1952) as 'lectotype'].
≡ ***Cladosporium herbarum*** [(Pers.: Fr.) Link] var. ***macrocarpum*** (Preuss) M.H.M. Ho & Dugan, in Ho, Castañeda, Dugan & Jong, Mycotaxon 72: 131 (1999)**!**.
= *Heterosporium minutulum* Cooke & Massee, in Cooke, Grevillea 16(77): 11 (1887)**!**. [T: K].
= *Cladosporium algarum* Cooke & Massee, in Cooke, Grevillea 16(79): 80 (1888)**!**. [T: K].
≡ *Heterosporium algarum* (Cooke & Massee) Cooke & Massee, in Cooke, Grevillea 18(88): 74 (1890)**!**.
= *Heterosporium typharum* Cooke & Massee, in Cooke, Grevillea 16(79): 80 (1888)**!**. [T: NY].
= *Heterosporium phragmitis* var. *typharum* Cooke, Grevillea 16(80): 109 (1888)**!**, nom. inval. [T: K].
= *Heterosporium maculatum* Klotzsch ex Cooke, Grevillea 17(83): 65 (1888)**!**. [T: K].
= *Heterosporium hybridum* Ellis & Everh., J. Mycol. 5: 70 (1889)**!**. [T: NY].
= *Heterosporium cleomis* Ellis & Everh., in Kelsey, J. Mycol. 5: 82 (1889)**!**, nom. inval.
= *Fusicladium destruens* Peck, Rep. (Annual) New York State Mus. Nat. Hist. 43: 30 (1890). [T: NYS].
= *Heterosporium tuberculans* Ellis & Everh., Erythea 1: 203 (1893). [T: NY; K].
= *Heterosporium sphaeriiforme* Ellis & Everh., Proc. Acad. Nat. Sci. Philadelphia 46: 38 (1894)**!**, as '*sphaeriaeforme*'. [T: NY].
= *Heterosporium proteus* Starbäck, Bot. Centralbl. 64: 382 (1895)**!**. [T: K].
= *Heterosporium oxybaphi* F. Patt., Bull. Torrey Bot. Club 27: 285 (1900)**!**. [T: BPI].
= *Heterosporium calandriniae* Massee, Bull. Misc. Inform. 175–177: 168 (1901). [T: K].
= *Heterosporium chamaeropis* Oudem., Beih. Bot. Centralbl. 11: 539 (1902)**!**. [T: L].
= *Heterosporium hordei* Bubák, Sber. K. böhm. Ges. Wiss., Math.-Nat. Kl. 1903(12): 20 (1903). [T: BPI].
= *Heterosporium amsoniae* Kabát & Bubák, in Bubák & Kabát, Hedwigia 47: 362 (1908)**!**. [T: BPI].
= *Heterosporium tortuoso-inflatum* Bubák, Bot. Közlem. 15(3–4): 82 (1915)**!**. [T: BPI].

= *Heterosporium laricinum* Dearn., Mycologia 21: 328 (1929)**!**. [T: DAOM].
= ? *Heterosporium maydis* Lobik, Trudy Severo-Kavkazsk. Inst. Zashch. Rast. 1(2): 42 (1933). [T: LEP].
= *Heterosporium thapsiae* Petr., in Rechinger, Denkschr. Akad. Wiss. Wien 105(2): 26 (1943)**!**. [T: W].
= ? *Cladosporium herbarum* var. *phlei* Lagière, Ann. École Natl. Agric. Grignon, Sér. 3, 5: 159 (1946).
= *Heterosporium petuniae* R. Sprague, Mycologia 57: 658 (1965)**!**. [T: WSP].
= *Heterosporium cerastis* Jacz., nom. herb. [VIR ex LEP].
= *Heterosporium trichostematis* Jacz., nom. herb. [LE 41142].
Lit.: SACCARDO (1886: 352), LINDAU (1907: 805), FERRARIS (1912: 335), GONZÁLES-FRAGOSO (1927: 200), DE VRIES (1952: 76), ELLIS (1971: 315), DOMSCH et al. (1980: 208), ELLIS & ELLIS (1985: 290, 468), MATSUSHIMA (1985: 5), MCKEMY & MORGAN-JONES (1991c), DUGAN & ROBERTS (1994), DAVID (1997: 71), SAMSON et al. (2000: 110).
Ill.: PREUSS (1848: Tab. 14), GONZÁLES-FRAGOSO (1927: 200, Fig. 44), DE VRIES (1952: 77–78, Figs 16–17), ELLIS (1971: 314, Fig. 217 C), DOMSCH et al. (1980: 209, Fig. 84), MATSUSHIMA (1985: 58, Fig. 311), DUGAN & ROBERTS (1994: 516, Figs 1–3), DAVID (1997: 62, Fig. 17 H–I; 89, Fig. 22 G–H).

maculans (Catt.) Sacc. → *oryzae* Sacc. & P. Syd.

maculans Schwein., Trans. Amer. Philos. Soc., N.S., 4(2): 277 (1832)**!**.
T: under the epidermis of *Jasminum fructicans* (Oleaceae), USA, Pennsylvania, Bethlehem, No. 2599 (PH).
≡ *Cladosporium jasmini* Schwein., in herb.
Lit.: SACCARDO (1886: 355).

maculatum Cooke – Cooke, exs. I. [= ?Fung. brit. exs. = Fungi britannici exsiccati], no. 162 (OUDEMANS 1921).

maculicola Ellis & Barthol., in herb.
On *Diervilla* cult., Mo.
Notes: Specimen in Myc. Coll. (CASH 1952: 69).

maculicola (Romell & Sacc.) M. Morelet, Bull. Soc. Sci. Nat. Archéol. Toulon & Var 201: 4 (1972)**!**, as '*maculicolum*'.
T: on living leaves of *Populus tremula* (Salicaceae), Sweden, Nacka Vikdalen, 24 Jun. 1890, L. Romell (S: lectotype; WINF(M) 11082, IMI 17008, PAD: isolectotypes).
≡ *Torula maculicola* Romell & Sacc., in Saccardo, Grevillea 21(99): 69 (1893)**!**, non *Fusicladium maculicola* (Ellis & Kellerm.) Ondřej, 1973.
≡ *Phaeoramularia maculicola* (Romell & Sacc.) B. Sutton, Canad. J. Bot. 48: 471 (1970)**!**.
≡ ***Fusicladium romellianum*** Ondřej, Česká Mykol. 27(4): 237 (1973)**!**.
= *Pollacia borealis* A. Funk, Canad. J. Bot. 67: 776 (1989)**!**. [T: DAVFP 23609].
Lit.: ELLIS (1976: 322), SCHUBERT & BRAUN (2002b, c), SCHUBERT et al. (2003: 90–92).

madagascarense Sartory, Champignons Parasites de l'Homme et des Animaux 11: 729 (1923)**!**, as '*madagascarensis*'.
T: infection of human, Madagascar.
≡ *Cladosporium* sp. ('*madagascarensis*') Guég., Compt. Rend. Hebd. Séances Acad. Sci. 152(7): 412–413 (1911)**!**.
≡ *C. madagascarense* Verdun, Précis de Parasitologie Humaine, éd. 2: ? (1912) [publication not found].
≡ *Hormodendrum madagascarense* (Verdun) C.W. Dodge, Med. Mycol.: 845 (1935)**!**.
Lit.: DE HOOG et al. (2000: 1025).
Notes: The name *C. madagascarensis* was not coined by Guéguen (*C.* sp.). A description for this species was given in SARTORY (1923: 729), who cited 'Verdun, 1912' without any details. But this publication could not be traced, and it is unclear if Verdun introduced the

name *C. madagascarense* and if he published a first description. Doubtful species, no material known (DE HOOG et al. 2000).

magnoliae Lindau, Verh. Bot. Vereins Prov. Brandenburg 47: 74 (1905)**!**.

T: on leaves of *Magnolia soulangeana* (Magnoliaceae), 'Tamsel' (now Poland), Dec. 1904, Vogel (B).

Lit.: SACCARDO (1906: 576), LINDAU (1907: 823).

magnusianum (Jaap) M.B. Ellis, More Dematiaceous Hyphomycetes: 337 (1976)**!**.

T: on leaves of *Narthecium ossifragum* (Melanthiaceae), Denmark, Tønder, Rømø, peat-bog by Twismark, Jul.–Aug. 1901, Jaap.

≡ *Heterosporium magnusianum* Jaap, Schriften Naturwiss. Vereins Schleswig-Holstein 12: 346 (1902)**!**.

= *Napicladium ossifragi* Rostr., Bot. Færöes 1: 316 (1901).

≡ *Heterosporium ossifragi* (Rostr.) Lind, Dan. fung.: 531 (1913)**!**.

Lit.: ELLIS & ELLIS (1985: 390), DAVID (1995a; 1997: 85), HO et al. (1999).

Ill.: DAVID (1995a: 1, Fig.; 1997: 88–89, Figs 21, 22 A–B), HO et al. (1999: 133, Figs 28–29).

Host(s)/substrate(s) & distribution: on *Narthecium ossifragum*; Europe (Austria, Denmark, Germany, Great Britain, Ireland, Norway).

Notes: Location of the types is unknown (DAVID 1997).

malorum Rühle, Phytopathology 21: 1146 (1931)**!**.

T: on living fruits of *Pyrus malus* (= *Malus sylvestris*) (Rosaceae), USA, Washington.

≡ *Cladosporium malorum* Heald & Rühle, Wash. State Agric. Exp. Sta. Bull. 245: 48 (1930)**!**, nom. nud.

≡ ***Alternaria malorum*** (Rühle) U. Braun, Crous & Dugan, in Braun, Crous, Dugan, Groenewald & de Hoog, Mycol. Progr. 2(1): 5 (2003)**!**.

= *Phaeoramularia kellermaniana* Marasas & I.H. Bredell, Bothalia 11: 217 (1974)**!**.

≡ *Cladophialophora kellermaniana* (Marasas & I.H. Bredell) U. Braun & Feiler, Microbiol. Res. 150: 83 (1995)**!**.

≡ *Pseudocladosporium kellermanianum* (Marasas & I.H. Bredell) U. Braun, A monograph of *Cercospora*, *Ramularia* and allied genera 2: 393 (1998)**!**.

= *Cladosporium porophorum* Matsush., Icones Fungorum a Matsushima Lectorum: 36 (1975)**!**.

Lit.: HO et al. (1999: 134).

malvacearum C.D. Sharma, Gadp., Firdousi, A.N. Rai & K.M. Vyas, Indian Phytopathol. 51(2): 156 (1998)**!**.

T: on living leaves of *Kydia calycina* (Malvaceae), India, Madhya Pradesh, Shahdol circle, Amarkantak (south forest division), Jan. 1993, C.D. Sharma (S.U. Herb. No. C.S.5: holotype; IMI 254691: isotype?).

Ill.: SHARMA et al. (1998: 154, Fig. 2).

Notes: Data given on the label of the collection in herb. IMI (254691) [on *Grewia* sp. (Tiliaceae), India, Univ. Gorakhpur, A.N. Rai] deviate from the data cited in the original description.

manoutchehrii Esfand., Sydowia 5: 368 (1951)**!**.

T: on living leaves of *Quercus atropatena* (Fagaceae), Iran, Polé Zangouleh, 27 Jul. 1948, Manoutchehri.

mansonii (Castell.) Pinoy, Ann. Dermatol. Syphiligr., Sér. 5, 3: 341 (1912)**!** ? (not on this page).

T: isolated from a human patient, India, Ceylon (CBS 158.58 = IMI 134457 = ATCC 18657: neotype, selected by DE HOOG 1977).

≡ *Microsporum mansonii* Castell., Brit. Med. J. 2: 1271 (1905).

≡ *Foxia mansonii* (Castell.) Castell., J. Trop. Med. Hyg. 11: 261 (1908).

≡ *Malassezia mansonii* (Castell.) Verdun, Précis de Parasitologie Humaine, éd. 2: 698 (1912).

≡ *Torula mansonii* (Castell.) Vuill., Compt. Rend. Hebd. Séances Acad. Sci. 89: 406 (1929).

≡ *Sporotrichum mansonii* (Castell.) Toro, Sci. Surv. Porto Rico & Virgin Islands 8: 222 (1932), as '*mansoni*'.
≡ *Dematium mansonii* (Castell.) C.W. Dodge, Med. Mycol.: 678 (1935)**!**.
≡ *Pullularia mansonii* (Castell.) Borelli, Riv. Anat. Patol. Oncol. 17: 617 (1960).
≡ *Aureobasidium mansonii* (Castell.) W.B. Cooke, Mycopathol. Mycol. Appl. 17: 34 (1962)**!**.
≡ *Rhinocladiella mansonii* (Castell.) Schol-Schwarz, Antonie van Leeuwenhoek J. Microbiol. Serol. 34: 122 (1968).
≡ *Exophiala mansonii* (Castell.) de Hoog, in de Hoog & Hermanides-Nijhof, Stud. Mycol. 15: 114 (1977)**!**.
≡ *Wangiella mansonii* (Castell.) Bièvre & Mariat, Bull. Soc. Franç. Mycol. Méd. 8(2): 127 (1979).
Lit.: NANNIZZI (1934: 405), KWON-CHUNG & BENNETT (1992: 191–192), DE HOOG et al. (2000: 1026).
Notes: DE HOOG & HERMANIDES-NIJHOF (1977) and 'Index fungorum' give 'Castell. & Chalm.' as authors of the combination *Cladosporium mansonii* (Castell.), Manual of Tropical Medicine, ed. 2: 1100 (1913). KWON-CHUNG & BENNETT (1992) summarise nomenclatural controversies surrounding the name *C. mansonii*. According to these authors, it was Castellani who proposed the combination *C. mansonii* and attributed it to Pinoy. This name has been abandoned because of confusion. The neotype strain, CBS 158.58, is also the type strain of *Exophiala castellani* (DE HOOG et al. 2000).

maracuja Viégas, Bragantia 6: 367 (1947)**!**.
T: on *Passiflora* (Passifloraceae), Brazil, Prov. St. Pauli, Pindorama, Est. Exp. de Pindorama, 19 Jul. 1935, A.S. Costa (IACM).

marinum A.K. Pal & Purkay., J. Mycopathol. Res. 30(2): 175 (1992)**!**.
T: on living leaves of *Avicennia marina* (Avicenniaceae), India, West Bengal, Sundarban, Bakkhali, 10 Jun. 1991 (on the label) / 14 May 1991, A.K. Pal (IMI 351331: holotype).
Ill.: PAL & PURKAYASTHA (1992: 174, Figs 3–5).

martianoffianum Thüm., Byull. Moskovsk. Obshch. Isp. Prir., Otd. Biol. 55(1): 74 (1880).
T: on living leaves of *Populus laurifolia* (Salicaceae), Russia, Sibiria, Minussinsk, near river Jenissei, Aug. 1879, N. Martianoff (M: lectotype; Thüm., Mycoth. univ. 2067: isolectotypes).
≡ ***Fusicladium martianoffianum*** (Thüm.) K. Schub. & U. Braun, IMI Descriptions of Fungi and Bacteria 152, No. 1515 (2002)**!**.
= *Fusicladium asiaticum* Ondřej, Česká Mykol. 27(4): 237 (1973)**!**. [T: LE 161361].
Lit.: SACCARDO (1886: 357), LINDAU (1907: 818; 1910: 796), SCHUBERT et al. (2003: 64–65).

melanophlaei Thüm., Flora 60: 412 (1877)**!**.
T: on living leaves of *Myrsine melanophlaeos* (Myrsinaceae), South Africa, Promont, near Grahamstown, summer 1876, P. Mac. Owan, No. 1255.
Lit.: SACCARDO (1886: 358).

menispermi Allesch., Hedwigia 34: 220 (1895)**!**.
T: on fading leaves of *Menispermum canadense* (Menispermaceae), Germany, Munich, botanical garden, Sept. 1894, Allescher (M: holotype).
Lit.: SACCARDO (1899: 1079), LINDAU (1907: 823).

metaniger (Castell.) Ferraris, Atti Ist. Bot. "Giovanni Briosi" 3: 183 (1932)**!**.
T: isolated from a case of 'trichomycosis nigra' on human skin, Castellani.
≡ *Cryptococcus metaniger* Castell., Archiv Dermatol. Syph. 16(4): 402 (1927)**!**.
= ***Hortaea werneckii*** (Horta) Nishim. & Miyaji, Jap. J. Med. Mycol. 26(2): 145 (1984).
Lit.: NANNIZZI (1934: 406), DODGE (1935: 675), COOKE (1962: 27), KWON-CHUNG & BENNETT (1992: 195).
Notes: In Unesco (1955: 38) as '*metanigrum*'. See *C. werneckii*.

metaplexis Z.Y. Zhang & X.Y. Wang, in Zhang, Wang, Liu & Li, Mycosystema 19(2): 165 (2000)**!**.
T: on living leaves of *Metaplexis japonica* (Asclepiadaceae), China, Heilongjiang, Harbin,

Xiangfang, 2 Sept. 1992, Y.X. Wang & H. Li (MHYAU 07830: holotype).
Ill.: ZHANG et al. (2000: 166, Fig. 1).

micropilum (sic) Syd. – see *C. microspilum*.

microporum Rabenh., in Cooke, Grevillea 17(83): 66 (1889)**!**.
T: on leaves of *Nerium oleander* (Apocynaceae), Italy, Sardinia, Gonnos-Fanadiga, Dr. Marcucci, Unio itin. crypt. 42 (e.g., HBG; M).
≡ *Cladosporium microporum* Rabenh., Unio itin. crypt., No. 42 (1866)**!**, nom. nud.
Notes: Unio itin. crypt. (1866) is a selection of species made by Marcucci and determinated by Rabenhorst. New species were not validly published, because descriptions were not given. COOKE (1889): 'In our specimens only a minute species of *Coniothyrium* can be found.' See *C. microsporum* Rabenh.

microporum Roth – GOLA (1930: 21).
Notes: See also *C. microsporum* Rabenh.

microspermum Berk. & M.A. Curtis, in Berkeley, Grevillea 3(27): 107 (1875)**!**.
T: on leaves of *Quercus obtusiloba* (Fagaceae), USA, South Carolina, No. 1686.
Lit.: SACCARDO (1886: 360).
Ill.: ZHANG et al. (1998: 197, Fig. 3).
Notes: ZHANG et al. (1998) describe this species on *Lithocarpus viridis*.

microspilum Syd. & P. Syd., Ann. Mycol. 18: 102 (1920)**!**.
T: on leaves of *Cissampelos pareira* (Menispermaceae), Phillipines, Luzon, Prov. Laguna, Mt. Maquiling, 26 Apr. 1919, T. Collado, No. 6271.
Lit.: SACCARDO (1931: 793).
Notes: Type collection is not deposited at herb. S.

microsporum Rabenh., sensu Saccardo.
Lit.: SACCARDO (1892: 603; 1895: 617), FERRARIS (1912: 344), OUDEMANS (1923).
Notes: SACCARDO (1892) changed the epithet '*microporum*' in '*microsporum*', because he thought that this name was misspelled by Rabenhorst. However, it is not quite clear what Rabenhorst meant, minute spores or pores.

microsporum Trab., in Roum., F. sel. gall. exs., Cent. XV, No. 1426 (1881).
T: on leaves of *Nerium oleander* (Apocynaceae), Algeria, Trabut.
≡ *Bispora trabutiana* Sacc., Bull. Soc. Roy. Bot. Belgique 31(2): 237 (1892).
Lit.: SACCARDO (1892: 603; 1895: 616), LINDAU (1907: 768).

microstictum Sacc. & D. Sacc., Mycoth. ital., No. 589 (1899)**!**.
T: on living leaves of *Ulmus campestris* (Ulmaceae), Italy, Treviso, Vittorio, Oct. 1899, Sacc., Mycoth. ital. 589 (e.g., BPI 427261).
Lit.: SACCARDO (1905: 165; 1906: 576), LINDAU (1907: 820), FERRARIS (1912: 345).

mikaniae F. Stevens, Trans. Illinois Acad. Sci. 10: 208 (1917)**!**.
T: on leaves of *Mikania* sp. (Asteraceae), Puerto Rico, Las Marias, 22 Mar. 1913, F.L. Stevens (ILL 314; IMI 119607).
≡ *Mycovellosiella mikaniae* (F. Stevens) Deighton, Mycol. Pap. 137: 45 (1974)**!**.
≡ ***Passalora mikaniae*** (F. Stevens) U. Braun & F. Freire, Cryptog. Mycol. 23: 300 (2002)**!**.
Lit.: SACCARDO (1931: 790), CROUS & BRAUN (2003: 460).

milii Syd., Ann. Mycol. 12: 538 (1914)**!**.
T: on leaves of *Milium effusum* (Poaceae), France, 'Lothringen', 'Wald am Oetinger Tälchen' near Forbach, 22 Jun. 1913, A. Ludwig, Syd., Mycoth. germ. 1295; on leaves of *Millium effusum*, 'Ostpreussen, Warnicken, Samland', 11 Jul. 1914, H. Sydow, Syd., Mycoth. germ. 1296 (BPI 427263; HBG; M: syntypes).
≡ ***Passalora milii*** (Syd.) G.A. de Vries, Contr. Knowl. Genus *Cladosporium*: 94 (1952)**!**.
Lit.: SACCARDO (1931: 792), CROUS & BRAUN (2003: 460).

mimulicola U. Braun, Nova Hedwigia 58(1–2): 196 (1994)**!**.
T: on *Mimulus* sp. (Scrophulariaceae), USA, California, 18 Jul. 1895, J.J. Davis (NY: holotype).

Ill.: BRAUN (1994: 193, Pl. 1, Fig. 7).

minor R.F. Castañeda, Fungi Cubensis III: 22 (1988)**!**, as '*minus*', nom. illeg., homonym, non *C. minor* Spreng. 1827.

T: on an unidentified leaf, Cuba, Prov. Pinar del Río, Viñales, 25 Sept. 1987, R.F. Castañeda (C87/292-2 INIFAT: holotype).

≡ *Alysidium minus* R.F. Castañeda & W.B. Kendr., Univ. Waterloo Biol. Ser. 35: 6 (1991)**!**, nom. nov., as '(R.F. Castañeda) R.F. Castañeda & W.B. Kendr.'.

≡ ***Castanedaea minor*** A. Baker & Partridge, in Partridge, Baker & Morgan-Jones, Mycotaxon 78: 178 (2001)**!**, nom. nov., as '(R.F. Castañeda) A. Baker & Partridge'.

minor Spreng., Syst. veg. 4(1): 553 (1827)**!**, as '*minus*'.

T: on fallen twigs and on stems of herbaceous plants.

= ? *Helminthosporium nanum* Nees, Syst. Pilze 1: 67 (1817)**!**.

Notes: cited in LINDAU (1910: 40).

minourae Iwatsu, Mycotaxon 20(2): 523 (1984)**!**.

T: from rotting wood, Japan, Chiba, Shiroi, 11 Feb. 1979, T. Iwatsu (IFM 4700: holotype in Depart. Pathog. Fungi, Research Inst. Chemobiodynamics, Chiba, Japan). [Culture extype: ATCC 52853 (= CBS 556.83 = IMI 298056)].

≡ ***Cladophialophora minourae*** (Iwatsu) Haase & de Hoog, in Haase, Sonntag, Melzer-Krick & de Hoog, Stud. Mycol. 43: 94 (1999)**!**.

Lit.: HO et al. (1999: 134).

minus R.F. Castañeda → *minor* R.F. Castañeda.

minus Spreng. → *minor* Spreng.

minusculum Sacc., Ann. Mycol. 11: 20 (1913)**!**.

T: on excrement of insects on living leaves of *Salix alba* (Salicaceae), Malta, Ghain el Gbira, Oct. 1911, Caruana Gatto (PAD: holotype; IMI 70294: isotype).

Lit.: FERRARIS (1914: 886), SACCARDO (1931: 798), BRAUN (2000: 34).

Ill.: BRAUN (2000: 37, Fig. 5).

Notes: *C. minusculum* is morphologically close to *Cladosporium cladosporioides* (Fresen.) G.A. de Vries, but differs in having strongly geniculate–sinuous conidiophores and consistently verruculose conidia (BRAUN 2000).

miyakei Sacc. & Trotter, Syll. fung. 22: 1370 (1913)**!**.

T: on leaves of *Oryza sativa* (Poaceae), Japan.

≡ *Cladosporium oryzae* I. Miyake, J. Coll. Agric. Imp. Univ. Tokyo 2: 262 (1910), nom. illeg., homonym, non *C. oryzae* Sacc. & P. Syd., 1899.

Lit.: PADWICK (1950: 170).

Ill.: MIYAKE (1910: Tab. 14, Figs 68–70).

Notes: "A *Cl. maculani* mycelio superficiali distinctum." (SACCARDO 1913).

modestum Syd., Ann. Mycol. 37: 252 (1939)**!**.

T: on living leaves of *Anthostema senegalensis* (Euphorbiaceae), Sierra Leone, Kenema, 5 Dec. 1938, F.C. Deighton (IMI 7520).

≡ ***Denticularia modesta*** (Syd.) Deighton, Trans. Brit. Mycol. Soc. 59(3): 422 (1972)**!**.

Lit.: ELLIS (1976: 183).

moldavicum Fosteris, Bull. Sect. Sci. Acad. Roumaine 26(7): 494 (1944)? and in Herb. Mycol. Rom., Fasc. 27, No. 1341 (1944)**!**, nom. inval.

T: on *Festuca ovina* (Poaceae), Romania, Moldova, Neamţ District, Broşteni, Neagră Valley, 15 Aug. 1943, S. Fosteris, Herb. Mycol. Rom. 1341 (BPI 427266; MA-Fungi 8381; PC: syntypes).

= ? *Cladosporium herbarum* (Pers.: Fr.) Link, Ges. Naturf. Freunde Berlin Mag. Neuesten Entdeck. Gesammten Naturk. 7: 37 (1816)**!**.

Notes: Page 494 does not exist, name not published in this volume, and the description in Herb. Mycol. Rom. 1341 is not in Latin.

molle Cooke, Grevillea 6(40): 139 (1878)**!**.

T: on under surface of dead leaves of *Asclepias* (Asclepiadaceae), USA, South Carolina, Aiken [K; M; IMI (slide)].

≡ *Cercospora molle* (Cooke) Deighton, in herb. (IMI).

= *Cercospora venturioides* Peck, Rep. (Annual) New York State Mus. Nat. Hist. 34: 47 (1881). [T: NYS].

≡ *Mycovellosiella venturioides* (Peck) U. Braun, Proc. Komarov Bot. Inst. (St. Petersburg) 20: 99 (1997)**!**.

≡ ***Passalora venturioides*** (Peck) U. Braun & Crous, in Crous & Braun, *Mycosphaerella* and its anamorphs: 1. Names published in *Cercospora* and *Passalora*, CBS Biodiversity Ser. 1: 419 (2003)**!**.

= *Cercospora illionensis* Barthol., F. columb., No. 2611 (1908). [T: Barthol., F. columb. 2611, e.g., HBG; NY].

Lit.: SACCARDO (1886: 363), LINDAU (1907: 828).

monardae H.C. Greene, Amer. Midl. Naturalist 50(2): 508 (1953)**!**.

T: on living leaves of *Monarda punctata* (Lamiaceae), USA, Wisconsin, Dane Co. Madison, Univ. Wisconsin Arboretum, Prairie, 10 Aug. 1952, H.C. Greene (BPI 427271; WIS: syntypes).

mori (Yendo) H. Zhang & Z.Y. Zhang, Proceedings of Phytopathological Symposium Organized by Phytopathology Laboratory of Yunnan Province 2: 306 (1998).

T: on *Morus* (Moraceae), Japan.

≡ *Hormodendrum mori* Yendo, J. Sericult. Sci. Japan 28: 335 (1927).

Ill.: ZHANG et al. (2003: 127, Fig. 83).

Notes: recorded from China on *Morus alba*.

multigeniculatum W. Yamam., Sci. Rep. Hyogo Univ. Agric., Ser. Agric. 4(1): 3 (1959)**!**, nom. inval.

T: on *Phyllostachys reticulata*, Japan.

Lit.: HO et al. (1999: 136).

Ill.: YAMAMOTO (1959: 4, Figs 13–16), HO et al. (1999: 135, Figs 33–34).

Notes: Yamamoto did not designate a type. HO et al. (1999) select figures 33/34 as 'lectotype' (iconotype) of this species, with lyophilized culture of ATCC 38012, batch 12-13-78 as epitype. This 'lectotypification' is, however, incorrect since the figures cited are not elements from the protologue. Hence, the name *C. multigeniculatum* was not validated by HO et al. (1999). A formal validation is necessary and will be published elsewhere in connection with a re-examination of this fungus.

murorum Petr., Ann. Naturhist. Mus. Wien 52: 288 (1941)**!**.

T: on a kitchen wall, Austria, Wien, Apr. 1941, H. Lohwag (M).

Lit.: RIEDL (1968).

musae E.W. Mason, in E.B. Martyn, Mycol. Pap. 13: 2 (1945)**!**.

T: on leaves of *Musa* sp. (Musaceae), Jamaica, 7 Sept. 1942, E.B. Martyn (IMI 7521, slide only).

≡ *Periconiella sapientumicola* Siboe, African J. Mycol. Biotechnol. 1994: 4 (1994), non *Periconiella musae* M.B. Ellis, 1967.

Lit.: ELLIS (1971: 317), DAVID (1988c), HO et al. (1999: 136).

Ill.: MARTYN (1945: 3, Fig. 1), ELLIS (1971: 318, Fig. 219 A), DAVID (1988c: 1, Fig.), HO et al. (1999: 138, Figs 35–37).

myriosporum Ellis & Dearn., Proc. Canad. Inst., N.S., 3, 1: 90 (1897)**!**.

T: on legumes of *Pisum* (Fabaceae), Canada, British Columbia (DAOM).

Lit.: SACCARDO (1899: 1080), CASH (1952: 69).

myrmecophilum (Fresen.) Bayl. Ell., Trans. Brit. Mycol. Soc. 5(1): 138 (1914)**!**.

T: in a nest of *Lasius fuliginosus* (Insecta), Germany.

≡ *Septosporium myrmecophilum* Fresen., Beitr. Mykol. 3: 49 (1863)**!**.

≡ *Macrosporium myrmecophilum* (Fresen.) Sacc., Syll. fung. 4: 538 (1886)**!**.

≡ *Cladotrichum myrmecophilum* (Fresen.) Lagerh., Entomol. Tidskr. 1900: 17 (1900).
Lit.: SACCARDO (1931: 798).
Ill.: FRESENIUS (1863: Tab. 6, Figs 29–32), BAYLISS ELLIOTT (1914: Tab. 2, Figs 1–4).
Notes: Material examined by Jessie S. Bayliss Elliott was supplied by H. Donisthorpe from freshly excavated ant (*L. fuliginosus* and *L. umbratus*) nests. Further designation or deposit of material not specified by Elliott. FRESENIUS (1863) described his new species from the surface of a nest of *Formica fuliginosa* (= *Lasius fuliginosus*) consisting of wood fibres of *Picea*.

myrticola Bubák, in Bubák & Kabát, Ann. Mycol. 13: 113 (1915)**!**, as '*myrticolum*'.
T: on leaves of *Myrtus communis* (Myrtaceae), Italy, Tyrol, Gries near Bozen, 30 May 1914, Dr. W. Pfaff (BPI 427273: holotype).
Lit.: SACCARDO (1931: 793).
Notes: In the type material, the month of the collecting date is given as June.

myrticola R.F. Castañeda & W.B. Kendr., Univ. Waterloo Biol. Ser. 35: 20 (1991)**!**, nom. illeg., homonym, non *C. myrticola* Bubák, 1915.
T: on dead leaves of *Syzygium jambos* (Myrtaceae), Cuba, Pinar del Río, Cuchillas de San Simón, 24 Mar. 1990, R.F. Castañeda (INIFAT C90/108: holotype).
Ill.: CASTAÑEDA & KENDRICK (1991: 22, Fig. 11).

neocheiropteridis Y.L. Liu & Z.Y. Zhang, in Liu, He & Zhang, Mycosystema 19(2): 169 (2000)**!**.
T: on living leaves of *Neocheiropteris palmatopedata* (Polypodiaceae), China, Yunnan, Kunming, Jindian, 4 Apr. 1997, K. Li & H. Xiong (MHYAU 07827: holotype).
Ill.: LIU et al. (2000: 170, Fig. 1).

neottopteridis Y.L. Liu & Y.H. He, in Liu, He & Zhang, Mycosystema 19(2): 169 (2000)**!**.
T: on leaves of *Neottopteris nidum*, China, Yunnan (MHYAU 07828: holotype).
Ill.: LIU et al. (2000: 170, Fig. 2).

nerii Gonz. Frag., Mem. Real Acad. Ci. Barcelona, Ser. 3, 15(17): 459 (33) (1920)**!**.
T: on faded and dried leaves of *Nerium oleander* (Apocynaceae), Spain, Baleares, Ibiza, near S. Juan, 24 Mar. 1918, Dr. Font Quer.
Lit.: GONZÁLES-FRAGOSO (1927: 205), SACCARDO (1931: 788).
Notes: Type material could not be located in herb. MA.

neriicola S.A. Khan & M.A. Kamal, Mycopathol. Mycol. Appl. 52(1): 33 (1974)**!**.
T: on leaves of *Nerium indicum* (Apocynaceae), West Pakistan, Tando Mohd Khan, Faugi Sugarcane Farm, 11 Oct. 1966, S.A. Khan (IMI 123901).
Ill.: KHAN & KAMAL (1974: 34, Fig. 4).

nervale Ellis & Dearn., in Bartholomew, F. columb., Cent. 21, No. 2010 (1905)**!**.
T: on living leaves of *Rhus typhina* (Anacardiaceae), Canada, London, Jul./ Aug. 1904, J. Dearness, Barthol., F. columb. 2010 (BPI 427277–427278; ILL; NY).
= ? *Cladosporium aromaticum* Ellis & Everh., Proc. Acad. Nat. Sci. Philadelphia 47: 439 (1895)**!**.
Lit.: SACCARDO (1913: 1367; 1931: 788), CASH (1952: 69), ZHANG et al. (1999: 42).
Notes: ZHANG et al. (1999) reported this species from China as causal agent of leaf spots on *Rohdea japonica* (Convallariaceae).

nervisequum Mont., Ann. Sci. Nat. Bot., Sér. 4, 8: 298 (1857)**!**.
T: on leaves of *Eriobotrya japonica* (Rosaceae), France, L. Castagne, No. 2789.
Lit.: SACCARDO (1886: 356), FERRARIS (1912: 341).

nicotianae Oudem., Ned. Kruidk. Arch., Ser. 3, 2(3): 769 (1902)**!**.
T: on decaying leaves of *Nicotiana tabacum* (Solanaceae), the Netherlands, Amerongen, Jul. 1901, C.J. Koning (L).
= *Cladosporium tabaci* Oudem., Beih. Bot. Centralbl. 11: 538 (1902)**!**.
Lit.: SACCARDO (1906: 576), LINDAU (1907: 829), OUDEMANS (1923), DE VRIES (1952: 94).

Notes: The type is represented by only two drawings, the description is short and the drawings are so poor that this species was regarded as doubtful [a nomen dubium] (DE VRIES 1952).

nigrelloides U. Braun & Mouch., in Braun, Mouchacca & McKenzie, New Zealand J. Bot. 37(2): 302 (1999)**!**.

T: on leaves of *Manihot utilissima* (Euphorbiaceae), French Polynesia, Isles Gambier, Mangareva, Rikitaea, 2 Apr. 1966, Huguenin (PS 66.684, PC: holotype, as '*Cercospora henningsii*').

Ill.: BRAUN et al. (1999: 300, Fig. 2).

nigrellum Ellis & Everh., Proc. Acad. Nat. Sci. Philadelphia 47: 463 (1894)**!**.

T: on inner bark of railroad ties, USA, West Virginia, Fayette Co., Nuttallburg, 20 Oct. 1893, L.W. Nutall, Flora of Fayette County, No. 172 (NY: holotype; BPI: isotypes).

Lit.: SACCARDO (1895: 620), ELLIS (1976: 329), MORGAN-JONES (1977: 5), HO et al. (1999: 137).

Ill.: ELLIS (1976: 328, Fig. 246), MORGAN-JONES (1977: 4, Fig. 2), HO et al. (1999: 138, Fig. 38).

Notes: OUDEMANS (1920) listed *Salix* as substrate.

nitrariae Dumitraş & Bontea, in Bontea & Dumitraş , Rev. Roumaine Biol., Sér. Bot. 12(6): 387 (1967)**!**.

T: on living leaves, fruits and twigs of *Nitraria schoberi* (Zygophyllaceae), Romania, Ploeşti, between Pîclele Mari and Pîclele Mici, Jul. 1962, Tiberiu Oprescu (BUCM).

Ill.: BONTEA & DUMITRAŞ (1967: 388, Fig. 2).

nodulosum Corda, Icon. fung. 1: 15 (1837)**!**.

T: on rotting wood of *Carpinus* sp. (Corylaceae), Czech Republic, Bohemia (PRM).

≡ *Didymotrichum nodulosum* (Corda) Bonord., Handb. Mykol.: 89 (1851)**!**.

= ***Cladosporium herbarum*** (Pers.: Fr.) Link, Ges. Naturf. Freunde Berlin Mag. Neuesten Entdeck. Gesammten Naturk. 7: 37 (1816)**!**.

Lit.: COOKE (1871: 585), SACCARDO (1886: 351, 358), LINDAU (1907: 806), FERRARIS (1912: 335; 1914: 883), OUDEMANS (1919), HUGHES (1958: 751).

Ill.: CORDA (1837: Tab. 4, Fig. 212).

oblongum Bres., Stud. Trent. 7(2): 74 (1926)**!**.

T: on stems of *Zinnia elegans* (Asteraceae), Italy, Trento, Feb. 1923, G. Bresadola (BPI 427289).

obtectum Rabenh., in Cooke, Grevillea 17(83): 66 (1889)**!**.

T: on fadding leaves of *Artemisia maritima* (Asteraceae), Italy, Sardinia, Alghero, Dr. Marcucci, Unio itin. crypt. 36 (e.g., HBG).

≡ *Cladosporium obtectum* Rabenh., Unio itin. crypt., No. 36 (1866)**!**, nom. nud.

Lit.: SACCARDO (1892: 602; 1895: 619), FERRARIS (1912: 348), ELLIS (1976: 342).

Ill.: ELLIS (1976: 341, Fig. 259 C).

Notes: Unio itin. crypt. (1866) is a selection of species made by Marcucci and determinated by Rabenhorst. New species were not validly published, because descriptions were not given.

obtectum Roth – listed by GOLA (1930: 21).

occultum Ces., Atti Accad. Sci. Fis. 8(4): 25 (1879)**!**.

T: on hidden glumes of *Sporobolus* sp. (Poaceae), Borneo, Pulo-Pinang, May 1865, C.O. Beccari.

≡ *Dactylosporium occultum* (Ces.) Cif. & Vegni, in Vegni, Riv. Patol. Veg., Sér. 3, 3: 207 (1963)**!**.

Lit.: SACCARDO (1886: 364).

Notes: Two specimens in Cesati collection at RO (Palmer Marchi, personal communication).

oleacinum – Sacc., Syll. fung. 14: 900 (1899).

(= ? *Chaetophoma oleacina* Cooke). [Under description of *Ch. oleacina*: "Peritheciis (sic) gregariis, subglobosis, inter hyphas fuligineas…cladosporioideas, conidia fuligenea, uniseptata, 8,4–10,5 × 3½–6 gerentes (*Cladosporium oleacinum*) oriundis, …; sporulis ovoideis, 2,3–2,6 × 1–1,3 …" etc.

oleae Ellis & Everh., in herb.
On *Olea europaea*, USA, California, Santa Barbara, 1 Jun. 1895, J.J. Davis (WIS).

oligocarpum Corda, Icon. fung. 1: 14 (1837)**!**.
T: on rotting wood, Czech Republic, near Reichenberg (PRM).
≡ *Didymotrichum oligocarpum* (Corda) Bonord., Handb. Mykol.: 89 (1851)**!**.
Lit.: SACCARDO (1886: 352), LINDAU (1907: 810).
Ill.: CORDA (1837: Tab. 4, Fig. 208).

oligocarpum [Corda] var. *malvacearum* Berk., J. Linn. Soc., Bot. 14: 353 (1875)**!**.
T: on leaves of some malvaceous plant, Cape-Verdes, St. Vincent, Aug. 1873.
Lit.: SACCARDO (1886: 352)**!**.
Notes: This seems to be an error in SACCARDO (1886), because BERKELEY (1875) did not describe a new variety rather he considered it to be *C. oligocarpum* Corda though it is very difficult to speak positively without authentic specimens.

olivaceum (Corda) Bonord., Handb. Mykol.: 72 (1851)**!**.
T: on rotten wood of *Picea* (Pinaceae), Czech Republic.
≡ *Mydonosporium olivaceum* Corda, in Sturm, Deutschl. Fl. 3(13): 95 (1833)**!**.
Lit.: SACCARDO (1886: 354), LINDAU (1907: 811).
Ill.: CORDA (1833: Tab. 48).
Notes: Type material could not be located in herb. PRM.

opacum Schulzer & Sacc. – cited in OUDEMANS (1919, 1924).
Notes: '*Cladosporium opacum* Schulzer & Sacc.' appears to be an error in OUDEMANS (1919, 1924). *Cladotrichum opacum* Schulzer & Sacc., Hedwigia 23: 127 (1884)**!** was intended.

ophiopogonis T. Zhang & Z.Y. Zhang, Plant Diseases and Their Control: 110 (1998).
T: on *Ophiopogon mairei* (Liliaceae s. lat.), China (MHYAU 03951).
Ill.: ZHANG et al. (2003: 136, Fig. 91).
Notes: *Chlorophytum elatum* was recorded from China as an additional host.

oplismeni Syd., Philipp. J. Sci., (Ser. C., Bot.) 8: 507 (1913).
T: on spikes of *Oplismenus undulatifolius* (Poaceae), Philippines, Luzon, Ifugao, Mt. Polis, McGregor.
Lit.: SACCARDO (1931: 792).
Notes: Type material is not in herb. S.

orbiculans Schwein.?, in herb.
On leaves of *Ixora* sp. (Rubiaceae), Surinam (PH).

orbiculatum Desm., Ann. Sci. Nat. Bot., Sér. 3, 11: 275 (1849)**!**.
T: on living leaves of *Sorbus domestica* (Rosaceae), herb. Desmazières (PC: lectotype).
≡ *Fusicladium orbiculatum* (Desm.) Thüm., F. austr., Cent. VIII, No. 774 (1873)**!**.
≡ *Passalora dendritica* var. *orbiculata* (Desm.) Berk., in Saccardo, Mycoth. ven., Cent. XII No. 1246 (1876)**!** and Michelia 1(2): 265 (1878)**!**.
≡ *Fusicladium dendriticum* var. *orbiculatum* (Desm.) Sacc., Syll. fung. 4: 345 (1886)**!**.
= ***Fusicladium pomi*** (Fr.) Lind, Dan. fung.: 521 (1913)**!**.
Teleomorph: *Venturia inaequalis* (Cooke) G. Winter, Hedwigia 36: 81 (1897)**!**.
Lit.: LINDAU (1907: 782), OUDEMANS (1921), RITSCHEL (2001), CROUS & BRAUN (2003: 485), SCHUBERT et al. (2003: 76).
Notes: For further synonyms see SCHUBERT et al. (2003).

orchidearum Cooke & Massee, in Cooke, Grevillea 16(79): 80 (1888)**!**.
T: on leaves of orchids (Orchidaceae), Great Britain, Kew (NY 72454).
Lit.: SACCARDO (1892: 605), ELLIS (1976: 339).
Ill.: ELLIS (1976: 339, Fig. 257 B).

orchidis E.A. Ellis & M.B. Ellis, in M.B. Ellis, Mycol. Pap. 131: 17 (1972)**!**.
T: on living leaves of *Orchis praetermissa* (= *Dactylorhiza majalis* subsp. *praetermissa*) (Orchidaceae), Great Britain, Norfolk, Horsey Warren, 17 Jul. 1955, E.A. Ellis (IMI 60545).

Lit.: ELLIS (1976: 338), ELLIS & ELLIS (1985).
Ill.: ELLIS (1972: 18, Fig. 17), ELLIS (1976: 339, Fig. 257 A).

oreodaphnes Allesch., in herb.

On faded leaves of *Oreodaphnes foet*., Germany, Berlin, botanical garden, 1894, P. Hennings, No. 40 (M).

ornithogali (Klotzsch ex Cooke) G.A. de Vries, Contr. Knowl. Genus *Cladosporium*: 49 (1952)**!**.

T: on leaves of *Ornithogalum umbellatum* (Hyacinthaceae), Germany, spring, Klotzsch, Herb. viv. myc. 69 (M: lectotype, selected by DAVID, 1997; K: isolectotype).
≡ *Heterosporium ornithogali* Klotzsch ex Cooke, Grevillea 5(35): 123 (1877)**!**.
≡ *Heterosporium ornithogali* Klotzsch, Herb. viv. myc., Cent. I, No. 69 (1832)**!**, nom. inval.
= *Heterosporium ornithogali* var. *minus* Bäumler, in Beck & Zahlbruckner, Ann. K.K. Naturhist. Hofmus. 12(2): 81 (1897)**!**, as 'f. *minus*'. [T: K].
Teleomorph: *Davidiella ornithogali* (J.E. Jacques) Crous & U. Braun, in Braun, Crous, Dugan, Groenewald & de Hoog, Mycol. Progr. 2(1): 10 (2003)**!**.
Lit.: ELLIS (1976: 338), DAVID (1995b; 1997: 52).
Ill.: ELLIS (1976: 337, Fig. 256 B), DAVID (1995b: 1, Fig.; 1997: 53–54, Figs 14 A–F, 15).
Host(s)/substrate(s) & distribution: on leaves of *Ornithogalum* and *Gagea* spp.; Europe (Czech Republic, France, Germany, Great Britain, Hungary, Italy, the Netherlands, Poland, Romania, Serbia, Slovakia, Russia), Africa (Kenya, South Africa), North America (USA: IL, PA, WA).

oryzae I. Miyake → *miyakei*.

oryzae Sacc. & P. Syd., Syll. fung. 14: 1082 (1899)**!**.

T: on rotten culms of *Oryza sativa* (Poaceae), Italy.
≡ *Helminthosporium maculans* Catt., Arch. Triennale Lab. Bot. Crittog. 2/3: 122 (1879)**!**.
≡ *Cladosporium maculans* (Catt.) Sacc., Syll. fung. 4: 365 (1886)**!**, nom. illeg., homonym, non *C. maculans* Schwein., 1832.
Lit.: LINDAU (1907: 814), FERRARIS (1912: 339), PADWICK (1950: 170).
Ill.: CATTANEO (1879: Tab. 14, Figs 7–9).
Notes: OUDEMANS (1923) cited *Jasminum fruticans* as host species, but this record presumably refers to *C. maculans* Schwein.

osterici Ces., in herb.

On *Osterium verticillare* ?, Italy (B).

oudemansii Kupka, Oesterr. Bot. Z. 67: 157 (1918)**!**, nom. nov.

T: on leaves of *Phragmites communis* (= *P. australis*) (Poaceae), the Netherlands.
≡ *Cladosporium phragmitis* J. Opiz ex Oudem., Ned. Kruidk. Arch., Ser. II, 6: 57 (1892)**!** non *C. phragmitis* J. Opiz, 1852.
= ***Deightoniella arundinacea*** (Corda) S. Hughes, Mycol. Pap. 48: 29 (1952)**!**.
Lit.: LINDAU (1907: 814), DE VRIES (1952: 96), DAVID (1997: 137).
Notes: see *C. phragmitis*.

ovorum Pidopl. & Deniak, in Pidoplichko, Gribnaja Flora Grubych Kormov: 272 (1953)**!**, nom. inval.

T: on a hen's egg, Ukraine.
Ill.: PIDOPLICHKO (1953: 272, Fig. 73).

oxycocci Shear, Bull. Torrey Bot. Club 34(6): 306 (1907)**!**.

T: on living leaves of *Vaccinium macrocarpum* (Ericaceae), Canada, Nova Scotia, Arichat, 21 Jun. 1902, C.L. Shear (BPI 427299; 1492 C.L.S.).
Lit.: SACCARDO (1913: 1368).

oxysporum Berk. & M.A. Curtis, in Berkeley, J. Linn. Soc., Bot. 10: 362 (1869)**!**.

T: on dead leaves of *Passiflora* sp. (Passifloraceae), Cuba, C. Wright, Fungi cubensis Wrightiani, No. 489 (K 121562: holotype; PC: isotype).

= *Cladosporium subtile* Rabenh., F. eur., Ed. nov., Ser. 2, Cent. 24, No. 2364 (1876)**!**, nom. nud.

Lit.: SACCARDO (1886: 363), ELLIS (1971: 312), MCKEMY & MORGAN-JONES (1991b), DAVID (1997: 81), BAGYANARAYANA & BRAUN (1999: 13), HO et al. (1999: 137), DE HOOG et al. (2000: 589).

Ill.: ELLIS (1971: 313, Fig. 216 A), MCKEMY & MORGAN-JONES (1991b: 399, Pl. 1; 401, Fig. 1; 403, fig. 2), DAVID (1997: 62, Fig. 17 A–E), HO et al. (1999: 138, Fig. 39), DE HOOG et al. (2000: 589–590, Figs).

Host(s)/substrate(s) & distribution: on dead parts of leaves and stems of herbaceous and woody plants and other organic matter; common and widespread in the tropics and subtropics.

paeoniae Pass., in Thümen, Herb. myc. oec., Fasc. IX, No. 416 (1876)**!** and Just's Bot. Jahresber. 4: 235 (1876)**!**.

T: on living leaves of *Paeonia edulis* (Paeoniaceae), Italy, Thüm., Herb. myc. oec. 416 (e.g., M).

= ***Cladosporium chlorocephalum*** (Fresen.) E.W. Mason & M.B. Ellis, Mycol. Pap. 56: 23 (1953)**!**.

Lit.: SACCARDO (1886: 362), LINDAU (1907: 822), FERRARIS (1912: 348), LIND (1913: 524), DE VRIES (1952: 94).

paeoniae [Pass.] var. *paeoniae-anomalae* Sacc., Syll. fung. 4: 362 (1886)**!**.

T: on faded leaves of *Paeonia anomala* (Paeoniaceae), Russia, Sibiria.

≡ *Cladosporium paeoniae* ('*paeoniae-anomalae*') Sacc., Michelia 2(6): 148 (1880)**!**.

= ? *Cladosporium chlorocephalum* (Fresen.) E.W. Mason & M.B. Ellis, Mycol. Pap. 56: 123 (1953)**!**.

Lit.: LINDAU (1907: 822), MCKEMY & MORGAN-JONES (1991a).

'*paeoniae-anomalae*' Sacc., Michelia 2(6): 148 (1880)**!**.

Notes: Michelia (1880) refers to *C. paeoniae* Pass. reported on *Paeonia anomala*.

pallidum Berk. & M.A. Curtis, Proc. Amer. Acad. Arts 4: 127, '1858' (1860)**!**.

T: on leaves of an unidentified host, Nicaragua, Greytown, 1856, U.S. Pac. Ex. 354 (K).

≡ *Cercospora pallida* (Berk. & M.A. Curtis) Cooke, Grevillea 17(81): 21 (1888)**!**, nom. illeg., homonym, non *C. pallida* Ellis & Everh., 1887.

Lit.: SACCARDO (1886: 361; 1892: 638), CHUPP (1954: 609), CROUS & BRAUN (2003: 304).

pallidum (Oudem.) H. Zhang & Z.Y. Zhang, Proceedings of Phytopathological Symposium Organized by Phytopathology Laboratory of Yunnan Province 2: 306 (1998), nom. illeg., homonym, non *C. pallidum* Berk. & M.A. Curtis, 1860.

T: from soil, the Netherlands, Bussum.

≡ *Hormodendrum pallidum* Oudem., Arch. Néerl. Sci. Exact. Nat., Sér. 2, 7: 293 (1902).

Lit.: SACCARDO (1906: 581), ZHANG et al. (2003: 233).

Ill.: ZHANG et al. (2003: 233, Fig. 152).

Notes: ZHANG et al. (2003) recorded this species from China on *Antirrhinum majus* and *Enkianthus quinqueflorus*. In any case, the description and illustration of '*C. pallidum*' from China do not agree with the original description of *Hormodendrum pallidum* by Oudemans, who described branched (dendroid) conidiophores and much wider conidia, 12–20 × 5–8 µm.

palmetto Ger. – an error in VANEV & TASEVA (1990).

Notes: In Index fungorum (CABI page) only *Helminthosporium palmetto* W.R. Gerard, Grevillea 17: 68 (1889), is listed. This species was transferred to the genus *Pleurophragmium* by HUGHES (1958) and later to *Spiropes* by ELLIS (1968).

pannosum Cooke, Grevillea 12(61): 24 (1883)**!**.

T: on *Musa* sp. (Musaceae), USA, South Carolina, H.W. Ravenel, No. 3056 (K 121564).

Lit.: SACCARDO (1884: 201).

Notes: Under description (l.c.) of *Chaetophoma musae* Cooke, Grevillea 12: 24 (1883): "Effusa atro-fusca, pannosa; hyphis intertextis, cladosporioideis, (*Cladosporium pannonsum* Cooke); peritheciis (sic) globoso–depressis…fuscis…".

papyricola Berk. & Broome, Trans. Linn. Soc., Ser. 2, Bot., 2: 68 (1883)**!**, as '*papyricolor*'.

T: on damp paper, Australia, Queensland, Brisbane, F.M. Bailey, no. 128 (K 121565: isotype).
Lit.: SACCARDO (1886: 369, as '*papyricolum*'; 1897: 879).

parasiticum Sorokīn, Mikol. ocherki: 30 (1871).

T: on abdomen of *Melolontha fullonis* (Coleoptera), Russia, Saratow.
Lit.: SACCARDO (1906: 681; 1913: 1370).
Notes: In SACCARDO (1906) under *Strumella parasitica* C. Wize (l.c.), [Pilze des Cleon. punctiventr. Crac. 1905: 725, fig. 11 (Bull. Acad. Crac.)] "An *Cladosporium parasiticum* Sorok? (ubi?)". Also cited in GUÉGUEN, Champ. paras. homme: 256 (1904).

paulliniae Deighton, Mycol. Pap. 144: 54 (1979)**!**.

T: on leaves of *Paullinia pinnata* (Sapindaceae), Ghana, Essipun, 9 May 1949, S.J. Hughes (IMI 37238a).
Ill.: DEIGHTON (1979: 54, Fig. 28).

pelliculosum Berk. & M.A. Curtis, in herb.

On leaves of *Polygonum punctatum* (Polygonaceae), *Lobelia* (Campanulaceae), etc., USA, South Carolina (K).
Lit.: COOKE (1889), SACCARDO (1892: 602; 1895: 621).
Notes: COOKE (1889): "Scarcely appears to differ from *Cladosporium effusum* Berk. & M.A. Curtis, and does not seem to have been described".

penicilloides Preuss, in Sturm, Deutschl. Fl. 3(26): 31 (1848)**!**.

T: on *Tubercularia granulata* and *T. vulgaris*, Germany, C.G.T. Preuss, Nr. 396 (B: holotype).
Lit.: SACCARDO (1886: 369), LINDAU (1907: 807), FERRARIS (1912: 351), OUDEMANS (1920: *Betula verrucosa* as host; 1921: *Prunus domestica* as host), NANNIZZI (1934: 407).
Ill.: PREUSS (1848: Tab. 16).

percicum, in herb.

On *Prunus persica* (Rosaceae), Japan, Iwate, Morioka, 27 Oct. 1927, K. Togashi (BPI 427388).

perfragile R.F. Castañeda, unpublished name. CABI-page, Kirk et al (n. d.).

pericarpium Cooke, Grevillea 12(61): 31 (1883)**!**.

T: on husks of walnut (*Juglans nigra*, Juglandaceae), USA, South Carolina, Aiken, Rav., F. amer. exs. 597 (e.g., BPI 427378; K; NY; PH).
Lit.: SACCARDO (1886: 353).

peridermiicola, in herb.

On *Gymnosporangium nelsonii*, *Peridermium columnare* (BPI).

perpusillum Sacc., Atti Reale Ist. Veneto Sci. Lett. Arti, Ser. 6, 2(3): 449 (1883–1884)**!**.

T: on culms of *Ammophila* sp. (Poaceae), France, Vendée, Malbranche, no. 78.
Lit.: SACCARDO (1886: 364).

personatum Berk. & M.A. Curtis, in Berkeley, Grevillea 3(27): 106 (1875)**!**.

T: on leaves of *Arachis hypogaea* (Fabaceae), USA, Santee River, Ravenel, No. 1612 (IMI 104553; K).
≡ *Cercospora personata* (Berk. & M.A. Curtis) Ellis & Everh., J. Mycol. 1: 63 (1885)**!**.
≡ *Cercosporiopsis personata* (Berk. & M.A. Curtis) Miura, Flora of Manchuria and East Mongolia, III. Cryptog. Fungi: 529 (1928), as '*personatum*'.
≡ ***Passalora personata*** (Berk. & M.A. Curtis) S.A. Khan & M. Kamal, Pakistan J. Sci. Res. 13: 188 (1961).
≡ *Cercosporidium personatum* (Berk. & M.A. Curtis) Deighton, Mycol. Pap. 112: 71 (1967)**!**.
≡ *Phaeoisariopsis personata* (Berk. & M.A. Curtis) Arx, Proc. Kon. Ned. Akad. Wetensch. C, 86(1): 43 (1983)**!**.
≡ *Passalora personata* (Berk. & M.A. Curtis) Poonam Srivast., J. Liv. World 1(2): 117 (1994)**!**, comb. inval. et nom. illeg.

= *Septogloeum arachidis* Racib., Z. Pflanzenkrankh. 8: 66 (1898).
= *Cercospora arachidis* Henn., Hedwigia 41: 18 (1902). [T: N].
Teleomorph: *Mycosphaerella berkeleyi* W.A. Jenkins, J. Agric. Res. 56: 330 (1938).
Lit.: SACCARDO (1886: 439), SIVANESAN (1984: 219), CROUS & BRAUN (2003: 31).

personatum [Berk. & M.A. Curtis] f. *arachidis-hypogaeae* Thüm., Herb. myc. oec., Fasc. XIII, No. 608 (1878)**!**, nom. nud.
T: on living leaves of *Arachis hypogaea* (Fabaceae), USA, South Carolina, Thüm., Herb. myc. oec. 608.

personatum [Berk. & M.A. Curtis] var. *cassiae* Thüm., Mycoth. univ., Cent. XX, No. 1964 (1881)**!**.
T: on living leaves of *Cassia occidentalis* (Caesalpiniaceae), USA, South Carolina, Aiken, 1876, H.W. Ravenel, Thüm., Mycoth. univ. 1964 (e.g., BPI; G; HBG; HAL; S; W).
= *Cercospora personata* var. *cassiae-occidentalis* Berk. & M.A. Curtis, Grevillea 3(27): 106 (1875). [T: IMI 104555; K].
= *Cercospora occidentalis* Cooke, Hedwigia 17: 39 (1878)**!**. [T: BPI 438975; K; IMI 92632a; Ellis, N. Am. F. 642; Rav., F. amer. exs. 65].
≡ *Ramularia cassiicola* Heald & F.A. Wolf, U.S.D.A. Bur. Pl. Industr. Bull. 226: 101 (1912), nom. nov., non *Ramularia occidentalis* Ellis & Kellerm., 1883.
≡ *Phaeoramularia occidentalis* (Cooke) Deighton, in Ellis, More Dematiaceous Hyphomycetes: 322 (1976)**!**.
≡ ***Passalora occidentalis*** (Cooke) U. Braun, Schlechtendalia 5: 70 (2000)**!**.
= *Cercospora sphaeroidea* Speg., Anales Soc. Ci. Argent. 9: 279 (1880). [T: IMI 206774; LPS 911].
≡ *Phaeoisariopsis sphaeroidea* (Speg.) L.G. Br. & Morgan-Jones, Mycotaxon 4: 303 (1976)**!**.
= *Cercospora cassiicola* Roum., F. sel. gall. exs., No. 4486 (1886)**!**, as '*cassiaecola*', nom. nud. [T: LEP].
= *Cercospora paulensis* Henn., Hedwigia 48: 18 (1909)**!**. [T: B].
= *Cercospora iponemensis* Henn., Hedwigia 48: 18 (1909)**!**. [T: B].
≡ *Cercosporina iponemensis* (Henn.) Sacc., Syll. fung. 25: 906 (1931)**!**.
= *Cercospora occidentalis* Ellis & Kellerm., U.S.D.A. Bur. Pl. Industr. Bull. 226: 101 (1912), nom. illeg., homonym, non *C. occidentalis* Cooke, 1878.
= *Cercospora somalensis* Curzi, Boll. Staz. Patol. Veg. Roma, N.S., 12: 158 (1932).
Lit.: ELLIS (1976: 322), CROUS et al. (2000), CROUS & BRAUN (2003: 294).

peruamazonicum Matsush., Matsushima Mycol. Mem. 7: 47 (1993)**!**.
T: on rotten leaves, Peru.

pestis Thüm., Herb. myc. oec., Fasc. IX, No. 419 (1876)**!** and Oesterr. Bot. Z. 27: 12 (1877)**!**.
T: on living leaves of *Vitis vinifera* (Vitaceae), Austria, Klosterneuburg, Krems, 1876, von Thümen, Thüm., Herb. myc. oec. 419 (e.g., M).
= ***Passalora dissiliens*** (Duby) U. Braun & Crous, in Crous & Braun, *Mycosphaerella* and its anamorphs: 1. Names published in *Cercospora* and *Passalora*, CBS Biodiversity Ser. 1: 164 (2003)**!**.
Lit.: SACCARDO (1886: 458), LINDAU (1910: 117).
Notes: see also *C. roesleri*.

phlei (C.T. Greg.) G.A. de Vries, Contr. Knowl. Genus *Cladosporium*: 49 (1952)**!**.
T: on *Phleum pratense* (Poaceae), USA, New York, Ithaca, greenhouse, 6 Apr. 1918, Gregory 10498 (CUP: holotype).
≡ *Heterosporium phlei* C.T. Greg., Phytopathology 9: 580 (1919)**!**.
= ? *Cladosporium herbarum* var. *macrosporum* Lagière, Ann. École Natl. Agric. Grignon, Sér. 3, 5: 159 (1946)**!**.
Lit.: MATSUSHIMA (1975: 36), ELLIS (1976: 334), ELLIS & ELLIS (1985: 508), DAVID (1988d; 1997: 90), HO et al. (1999: 139).

Ill.: GREGORY (1919: 579, Fig. 2), MATSUSHIMA (1975: Pl. 53, Figs 1–2), ELLIS (1976: 335, Fig. 254), DAVID (1988d: 1, Fig.; 1997: 91, Fig. 23), HO et al. (1999: 141, Figs 40–41).

Host(s)/substrate(s) & distribution: on *Phleum pratense*; Asia (Japan), Caucasus (Armenia), Europe (Byelorussia, Germany, Denmark, Eire, Estonia, Great Britain, Norway, Russia, Sweden), North America (Canada: Que., USA: most states), New Zealand.

phlei-pratensis Sawada, Bull. Gov. Forest Exp. Sta. 105: 96 (1958)**!**, as '*phlei-pratense*', nom. inval.

T: on leaves of *Phleum pratense* (Poaceae), Japan, Tohoku District, 27 Jul. 1940, Iizuka (10516) and 18 Jul. 1941, Ikeda (10440).

Notes: In the original diagnosis two collections were mentioned but the author did not designate a type.

phoenicis 'Fautrey', Rev. Mycol. (Toulouse) 13: 133 (1891)**!**.

Lit.: SACCARDO (1892: 604).

Notes: This species was not described by Fautrey, rather it refers to Roumeguère, see next entry.

phoenicis Roum., F. sel. gall. exs., Cent. 58, No. 5798 (1891)**!** and Rev. Mycol. (Toulouse) 13: 133 (1891)**!**, as '*phaenicis*'.

T: on leaves of *Phoenix tenuis* (Arecaceae), France, Toulouse, 1891, G. Machado, Roum., F. sel. gall. exs. 5798 (e.g., B; FH).

phragmitis J. Opiz, in Opiz, Seznam: 117 (1852), nom. nud., non *C. phragmitis* J. Opiz ex Oudem., 1892.

T: on leaves of *Phragmites communis* (= *P. australis*) (Poaceae), Czech Republic (PRM).

= *Heterosporium phragmitis* Sacc., in Saccardo & Roumeguère, Rev. Mycol. (Toulouse) 6: 37 (1884), as '(Opiz?) Sacc.'.

Lit.: SACCARDO (1886: 370), LINDAU (1907: 814), OUDEMANS (1919), DE VRIES (1952: 96).

phragmitis J. Opiz ex Oudem., Ned. Kruidk. Arch., Ser. 2, 6(1): 57 (1892)**!**.

T: on leaves of *Phragmites communis* (= *P. australis*) (Poaceae), the Netherlands, Bien de Campagne Zorgvlied, near Haye, Jul. 1889, C.E. Destrée.

≡ *Cladosporium oudemansii* Kupka, Oesterr. Bot. Z. 67: 157 (1918)**!**.

= *Helminthosporium arundinaceum* Corda, Icon. fung. 3: 10 (1839), as '*Helmisporium*'.

≡ *Napicladium arundinaceum* (Corda) Sacc., Syll. fung. 4: 482 (1886)**!**.

≡ ***Deightoniella arundinacea*** (Corda) S. Hughes, Mycol. Pap. 48: 29 (1952)**!**.

Lit.: DE VRIES (1952: 96), DAVID (1997: 137).

Notes: DAVID (1997): "OUDEMANS (1892) provided a description of what he took to be Opiz's species. This description, also given by LINDAU (1907), is of an entirely different fungus, as noted by KUPKA (1918) and DE VRIES (1952).".

phyllachorae M.B. Ellis, More Dematiaceous Hyphomycetes: 332 (1976)**!**.

T: on *Catacauma apoensis* (= *Phyllachora*) (Phyllachoraceae) on leaves of *Ficus nervosa* (Moraceae), Philippines, Samar, Mar.–Apr. 1914, M. Ramos (Bur. Sc. 17616).

≡ *Monotospora parasitica* Syd. & P. Syd., Ann. Mycol. 15: 263 (1917)**!**, non *Cladosporium parasiticum* Sorokīn, 1891.

Ill.: ELLIS (1976: 333, Fig. 251).

Notes: A further collection for *Monotospora parasitica* is mentioned in the original diagnosis on *Phyllachora pseudis* on leaves of *Ficus nota*, Phillipines, Luzon, Prov. Laguna, San Antonio, Oct. 1915, M. Ramos (Bur. Sc. 23781).

phyllophilum McAlpine, Agric. Gaz. New South Wales 7: 153 (1896)**!**.

T: on both surfaces of deformed portion of leaf, and occasionally on branches of *Prunus persica* (= *Persica vulgaris*) (Rosaceae), Australia, Victoria, Armadale, 16 Feb. 1896, D. McAlpine (VPRI 2490: lectotype).

Lit.: SACCARDO (1906: 575), BRAUN (2001: 53).

Ill.: MCALPINE (1902: Figs 87, 88).

Notes: BRAUN (2001): 'very close to and probably identical with *C. cladosporioides*' (J. Cunnington, in litt.).

pilicola Richon, Cat. Champ. Marne: 452 (1889).
T: on dry stems of *Galium mollugo* (Rubiaceae), France, Marne, Soulanges.
Lit.: SACCARDO (1892: 602, as '*pilicolum*').

pipericola R.A. Singh & Shankar, Mycopathol. Mycol. Appl. 43(1): 110 (1971)**!**, as '*pipericolum*'.
T: on living leaves of *Piper betle* (Piperaceae), India, Uttar Pradesh, Varanasi, 15 Jan. 1956/66, G. Shankar (MSP no. 342; IMI 116933).
Lit.: DAVID (1988e).
Ill.: SINGH & SHANKAR (1971: 111, Pl. 1, Figs 3–4), DAVID (1988e: 1, Fig.).

piricularioides Dearn. & House, Circ. New York State Mus. 24: 57 (1940), nom. inval.
T: on leaves of *Panicum boreale* (Poaceae), USA, New York, Essex Co., Newcomb, 17 Aug. 1924, H.D. House (NYS 2365: holotype; DAOM 5741, NY: isotypes).
Notes: without latin diagnosis. In NYS label: *C. piricularioidis*.

piriforme Reichert – SACCARDO (1972: 1338).
Notes: see *C. pyriforme*.

pirorum Berk. – LINDAU (1907: 779).
Notes: see *C. pyrorum* Berk.

pisi Cugini & Macch., Boll. Reale Staz. Agric. Modena, N.S., 10(1890): 104 (1891).
T: on legumes of *Pisum sativum* (Fabaceae), Italy, Vaciglio near Modena.
= ? *Cladosporium herbarum* (Pers.: Fr.) Link, Ges. Naturf. Freunde Berlin Mag. Neuesten Entdeck. Gesammten Naturk. 7: 37 (1816)**!**.
Lit.: SACCARDO (1892: 601), LINDAU (1907: 825), FERRARIS (1912: 349), OUDEMANS (1921: on *Vicia faba*), SNYDER (1934: 890), MORGAN-JONES & MCKEMY (1992: 11).
Ill.: CUGINI & MACCHIATI (1891: Tab. 5).
Notes: The status of this taxon is uncertain (FARR et al. 1989).

pisicola W.C. Snyder, Phytopathology 24: 899 (1934)**!**, as '*pisicolum*'.
T: on *Pisum sativum* (Fabaceae), USA, California. (UBC 41245, W.C. Snyder collector, Dec. 1940, infected pea pod: topotype ?).
≡ *Cladosporium cladosporioides* [(Fresen.) G.A. de Vries] f. sp. *pisicola* (W.C. Snyder) G.A. de Vries, Contr. Knowl. Genus *Cladosporium*: 61 (1952)**!**.
Lit.: FARR et al. (1989: 629).
Ill.: SNYDER (1934: 893, Fig. 2).

platycodonis Z.Y. Zhang & H. Zhang, in Zhang, Zhang & Li, Mycosystema 19(3): 308 (2000)**!**.
T: on living leaves and petals of *Platycodon grandiflorus* (Campanulaceae), China, Heilongjiang, Monte Maoer, 5 Sept. 1992, H. Li & Y.X. Wang (MHYAU 07826: holotype).
Ill.: ZHANG et al. (2000: 309, Fig. 1).

polygonati M.B. Ellis, More Dematiaceous Hyphomycetes: 338 (1976)**!**.
T: on leaves of *Polygonatum* sp. (Convallariaceae), Ireland, Wicklow Co., Eriskerry, Bray, Powerscourt, Oct. 1965, C.H. Dickinson (IMI 116694: holotype).
≡ *Heterosporium polygonati* (M.B. Ellis) Arx, Genera Fungi Sporul. Pure Cult., ed. 3: 305 (1981)**!**.
Lit.: DAVID (1997: 57).
Ill.: ELLIS (1976: 337, Fig. 256 C), DAVID (1997: 38, Fig. 8 D–G; 56, Fig. 16).

polygonaticola Z.Y. Zhang & W.Q. Pu, Plant Diseases and Their Control: 105 (1998).
T: on *Polygonatum* (Convallariaceae), China.
Ill.: ZHANG et al. (2003: 146, Fig. 98).
Notes: We have not seen the original publication. Therefore, it is not yet possible to give the exact data for the type collection. ZHANG et al. (2003) cited three hosts, viz., *Polygonatum cirrhifolium*, *P. cyrtonema* and *P. sibiricum*.

polymorphosporum R.F. Castañeda & W.B. Kendr., Univ. Waterloo Biol. Ser. 35: 24 (1991)**!**.

T: on stem of an unidentified grass, Cuba, Pinar del Río, Sandino, 24 Mar. 1990, R.F. Castañeda (INIFAT C90/139: holotype).

Ill.: CASTAÑEDA & KENDRICK (1991: 23, Fig. 12).

polymorphum Peyl, Lotos 15: 18 (1865)**!** and Hedwigia 5: 60 (1866)**!**.

T: on fruits of *Pyrus* sp. (Rosaceae), Czech Republic, Kačina, near Neuhof, 1864.

= *Helminthosporium pyrorum* Lib. (p.p.), Pl. crypt. ard., Fasc. 2, No. 188 (1832). [T: DAOM].

≡ ***Fusicladium pyrorum*** (Lib.) Fuckel, Jahrb. Nassauischen Vereins Naturk. 23–24: 357 '1869' (1870)**!**, as '*Fusicladium pyrinum*'.

≡ *Passalora pyrina* (Lib.) Sacc., Michelia 1: 537 (1879).

≡ *Megacladosporium pyrorum* (Lib.) Vienn.-Bourg., Les Champignons parasites des plantes cultivèes 1: 489 (1949), as '*Megacladosporium pirinum*'.

= *Arthrinium pyrinum* Wallr., Fl. crypt. Germ. 2: 163 (1833). [T: IMI 68300; STR].

= *Fusidium pyrinum* Corda, Icon. Fung. 1: 3 (1837). [T: PRM].

= *Fusicladium virescens* Bonord., Handb. Mykol.: 80 (1851)**!**. [T: Bonorden, 1851: Fig. 94 (iconotype)].

= *Fusicladium fuscescens* Rabenh., Bot. Zeitung (Berlin) 15: 430 (1857)**!**. [T: Rabenh., Herb. mycol. 588, e.g., HAL; HBG].

= *Passalora pomi* G.H. Otth, Mitteil. Naturf. Ges. Bern 1868: 66 (1868). [T: BERN].

= *Fusicladium pyrorum* [(Lib.) Fuckel] var. *cladophilum* Ellis & Everh., N. Am. F., No. 2791 (1892)**!**. [T: Ellis & Everh., N. Am. F. 2791, e.g., BPI; M; NY].

= *Cercospora porrigo* Speg., Anales Mus. Nac. Buenos Aires, Ser. 2, 6: 341 (1899). [T: LPS 934].

= *Fusicladium pyrorum* [(Lib.) Fuckel] f. *carpophila* Sacc., Mycoth. ital., No. 992 (1901)**!**. [T: Sacc., Mycoth. ital. 992, e.g., B].

= *Acrotheca dearnessiana* Sacc., Ann. Mycol. 10: 314 (1912). [T: Barthol., F. columb. 5001, e.g., IMI 7073].

≡ *Fusicladium dearnessianum* (Sacc.) M.B. Ellis, in herb.

Teleomorph: *Venturia pyrina* Aderh., Landw. Jahrb. 25: 875 (1896)**!**, as '*pirina*'.

Lit.: LINDAU (1907: 781), OUDEMANS (1921), SCHUBERT et al. (2003: 82).

polysporum Link, in Willd., Sp. pl. 6(1): 40 (1824)**!**.

T: on rotten wood, Germany, Berlin, Link (B).

= *Trichoderma globosum* Schwein., Syn. fung. Carol. sup.: 77 (1822): Fr., Syst. Mycol. 3(1): 215 (1829). [T: BPI; K; PH; UPS].

≡ *Oidium inquinans* Schwein., Trans. Amer. Philos. Soc., N.S., 4(2): 286 (1832), nom. nov.

≡ *Torula inquinans* (Schwein.: Fr.) Sacc., Syll. fung. 4: 251 (1886)**!**.

≡ *Streptothrix globosa* (Schwein.: Fr.) S. Hughes, Canad. J. Bot. 31: 606 (1953)**!**.

≡ ***Conoplea globosa*** (Schwein.: Fr.) S. Hughes, Canad. J. Bot. 36: 755 (1958)**!**.

= *Steptothrix atra* Berk. & M.A. Curtis, in Berkeley, Grevillea 3(27): 107 (1875)**!**.

= *Strumella coryneoidea* Sacc. & G. Winter, in Rabenhorst, F. eur., Cent. XXX, No. 2984 (1883) and Hedwigia 22(11): 175 (1883)**!**. [T: CUP; HAL].

= *Trichosporium densum* P. Karst., Hedwigia 23(4): 59 (1884)**!**.

= *Streptothrix pereffusa* Sumst., Mycologia 6: 34 (1914).

Lit.: SACCARDO (1886: 354), LINDAU (1907: 831), DE VRIES (1952: 96).

polytrichorum Reichardt, Verh. K.K. Zool.-Bot. Ges. Wien 27: 844, '1877' (1878)**!**.

T: on *Polytrichum formosum* (Polytrichaceae), Austria, Tobelbad, near Graz, Sept. 1875, H.W. Reichardt.

Notes: REICHARDT (1878): "an status conidiophorus *Lizoniae emperigoniae* Ces. ?".

porophorum Matsush., Icones Microfungorum a Matsushima Lectorum: 36 (1975)**!**.

T: from seeds of *Raphanus sativus* (Brassicaceae), Japan, Feb. 1969 (Matsush. herb. 2578).

= ***Alternaria malorum*** (Rühle) U. Braun, Crous & Dugan, in Braun, Crous, Dugan,

Groenewald & de Hoog, Mycol. Progr. 2(1): 5 (2003)**!**.
Lit.: HO et al. (1999: 134).
Notes: see *C. malorum* Rühle.

potebniae Pidopl. & Deniak, Mikrobiol. Zhurn. 5(2): 189, 194 (1938)**!**, as '*potebnjae*', nom. inval.
T: from rotting fruit of *Malus* sp. (Rosaceae), Ukraine.
Lit.: PIDOPLICHKO (1953: 270).
Ill.: PIDOPLICHKO & DENIAK (1938: 189, Fig. 6).

praecox (Niessl) U. Braun, Schlechtendalia 5: 34 (2000)**!**.
T: on leaves of *Tragopogon orientalis* (= *Tragopogon pratensis* subsp. *orientalis*) (Asteraceae), Czech Republik, 'pr. Bistenz ad Brunnam Moraviae', May, G. de Niessl, Rabenh., F. eur. 1166 (B; HAL; HBG: syntypes).
≡ *Fusicladium praecox* Niessl, in Rabenhorst, F. eur., Ed. Nov., Ser. II, No. 1166 (1868)**!** and Hedwigia 7: 124 (1868)**!**.
Ill.: BRAUN (2000: 33, Fig. 3).

profusum Desm. ex Sacc., Syll. fung. 10: 602–603 (1892)**!**.
T: France, Desm., Pl. crypt. N. France, No. 755 (e.g., PC).
≡ *Cladosporium profusum* Desm., Pl. crypt. N. France, No. 755 (1836), nom. nud.
≡ *Cladosporium profusum* Desm., in Rabenhorst, F. eur., Cent. 6, No. 578 (1863)**!**, nom. nud.
Lit.: SACCARDO (1886: 370; 1892: 602), LINDAU (1907: 832), GONZÁLES-FRAGOSO (1927: 211).
Notes: LINDAU (1907): "...Ebensowenig war es mir möglich festzustellen, wo Rabenhorst die Diagnose veröffentlicht hat und ob dies überhaupt geschehen ist. Woher Saccardo die Diagnose hat, ist mir nicht bekannt. Cooke hat in seinem zitierten Aufsatz nur die Abbildung, nimmt aber im Text auf die Art keinen Bezug. Am besten läßt man sie vielleicht ganz fort". GONZÁLES-FRAGOSO (1927: 211) provided a description and considered this species to be very close to *C. herbarum*.

profusum [Desm. ex Sacc.] var. *robustior* Roum. & Pat., Rev. Mycol. (Toulouse) 5: Tab. 35, Fig. 6 (1883)**!**.

prunicola McAlpine, Fungus Dis. Stone-fruit Trees Austral.: 100 (1902)**!**, as '*prunicolum*'.
T: on partly decayed leaves of *Prunus armeniaca* (= *Armeniaca vulgaris*) (Rosaceae), Australia, Victoria, Armadale near Melbourne, Dec. 1899.
Lit.: SACCARDO (1906: 575), BRAUN (2001: 53).
Ill.: MCALPINE (1902: Figs 89, 90).
Notes: Type material is not preserved in VPRI, but description is close to *Cladosporium herbarum* var. *macrocarpum* (J. Cunnington, in litt.) (BRAUN 2001).

psammicola (Sacc.) Morgan-Jones & W.B. Kendr., Canad. J. Bot. 50(9): 1817 (1972)**!**.
T: on dead leaves of *Psamma arenaria* (= *Ammophila arenaria*) (Poaceae), North Africa, Libya, Ras Carrac in Magna Syrte, 18 May (PAD: holotype).
≡ *Exosporium psammicola* Sacc., in Saccardo & Trotter, Ann. Mycol. 11: 420 1913)**!**.
Ill.: MORGAN-JONES & KENDRICK (1972: 1818, Fig. 1).

psidiicola J.M. Yen, Bull. Trimestriel Soc. Mycol. France 95(3): 188 '1979' (1980)**!**, as '*psidicolum*'.
T: on living leaves of *Psidium guajava* (Myrtaceae), China, Tai-Yuan-Yu-Tsun, Hsin-Chiai, Kowloon, Hong Kong, 13 Nov. 1971, Jo-min Yen, No. 71334 (LAM).
Ill.: YEN (1980: 187, Fig. 2).

psoraleae M.B. Ellis, Mycol. Pap. 131: 16 (1972)**!**.
T: on living leaves of *Psoralea corylifolia* (Fabaceae), Burma, Mandalay, 25 Nov. 1971, M. Thaung (IMI 163005).
Lit.: ELLIS (1976: 344).
Ill.: ELLIS (1972: 17, Fig. 16).

puccinioides Cooke, Grevillea 5(33): 15 (1876)**!**.

T: on under side of living leaves of an unidentified host plant, India, 1876, Colonel Hobsen, No. 57 (K 121568: holotype).

≡ *Prathigada puccinoides* (Cooke) M.B. Ellis, in herb.

Lit.: SACCARDO (1886: 361), SUBRAMANIAN (1971: 291).

Ill.: COOKE (1876: Pl. 74, Fig. 11).

Notes: COOKE (1876): "This is certainly intermediate between *Cladosporium* and *Helminthosporium*.".

pulcherrimum Ellis & Everh., N. Am. F., Ser. 2, Cent. XXIX, No. 2877 (1893), nom. nud.

T: on *Carpinus* sp. (Corylaceae), USA, Ontario, Ellis & Everh., N. Am. F. 2877.

Lit.: CASH (1952: 69).

pullulans (de Bary) Sacc., Syll. fung. 22: 1250 (1913)**!**.

T: on fruits of *Vitis vinifera* (Vitaceae), France (ex-neotype: CBS 584.75).

≡ *Dematium pullulans* de Bary, Vergl. Morph. Biol. Pilze: 182 (1884).

≡ *Oidium pullulans* (de Bary) Lindner, Wochenschr. Brauerei 15: 209–213 (1898).

≡ *Oospora pullulans* (de Bary) Sacc., Syll. fung. 18: 499 (1906)**!**.

≡ ***Aureobasidium pullulans*** (de Bary) G. Arnaud var. ***pullulans***, Ann. Écol. Nat. Agric. Montpellier, N.S., 16: 39 (1918).

≡ *Pullularia pullulans* (de Bary) Berkhout, Die schimmelgeschlachten *Monilia*, *Oidium*, *Oospora* en *Torula*: 55 (1923).

≡ *Hormonema pullulans* (de Bary) Lagerb. & Melin ex/in (?) Robak, Nyt Mag. Naturvidensk 71: 256 (1932).

Notes: Cited by SACCARDO (l.c.) under *Oidium erysiphoides* f. *cordiae* Sacc., Ann. Mycol. 8: 339 (1910): "Hab. in foliis *Cordiae subopposita* … Socium adest *Cladosporium* (Demat.) *pullulans*.". In SACCARDO (1886), LINDAU (1907) and FERRARIS (1912) '*Dematium pullulans* de Bary & Löwenthal' is cited as synonym of *Cladosporium herbarum*. For further synonyms and comments on *Aureobasidium pullulans* see SUBRAMANIAN (1971), DE HOOG & YURLOVA (1994) and YURLOVA et al. (1999).

punctatum Dearn. & House → *sarraceniae.*

punctatum (Sacc.) Sacc., Syll. fung. 4: 355 (1886)**!**.

T: on *Euonymus japonica* (Celastraceae), France, Rouen, Malbranche (PAD).

≡ *Cladosporium compactum* [Sacc.] **punctatum* Sacc., Michelia 2(7): 363 (1881)**!**.

Lit.: SACCARDO (1886: 359).

Notes: "Affine *Cl. subcompacto* Sacc." (SACCARDO 1886).

punctiforme Fuckel, F. rhen., Fasc. II, No. 116 (1863)**!**.

T: on living leaves of *Sanicula europaea* (Apiaceae), Germany, 'auf der Geis im Hattenheimer Wald', Fuckel, F. rhen. 116 (e.g., HAL).

≡ *Cercospora punctiformis* (Fuckel) G.A. de Vries, Contr. Knowl. Genus *Cladosporium*: 97 (1952)**!**, nom. illeg., homonym, non *C. punctiformis* Sacc. & Roum., 1881.

= *Cercospora saniculae-europaeae* E. Müll. & Arx, Phytopathol. Z. 24: 356 (1955)**!**.

≡ ***Pseudocercospora saniculae-europaeae*** (E. Müll. & Arx) U. Braun & Crous, in Crous & Braun, *Mycosphaerella* and its anamorphs: 1. Names published in *Cercospora* and *Passalora*, CBS Biodiversity Ser. 1: 365 (2003)**!**.

Lit.: FUCKEL (1870: 355), SACCARDO (1886: 362), LINDAU (1907: 825), OUDEMANS (1923).

punctulatum Sacc. – listed by SACCARDO & BERLESE (1884: 100).

Notes: see *C. punctulatum* Sacc. & Ellis.

punctulatum Sacc. & Ellis, Michelia 2(8): 578 (1882)**!**.

T: on leaves of *Euonymus japonica* (Celastraceae), USA, New Jersey, Newfield, Ellis no. 3585 (BPI 427402; PAD).

Lit.: SACCARDO (1886: 359), LINDAU (1907: 827), FERRARIS (1912: 343), GONZÁLES-FRAGOSO (1927: 207).

Notes: "*Cladosporio punctato* Sacc. subaffine." (SACCARDO 1886).

punctulatum var. *xylogenum* Fairm., Proc. Rochester Acad. Sci. 6: 131 (1922)**!**.
T: on the outside of a cigar box exposed to damp weather, USA, New York, Lyndonville, 14 Dec. 1920, C.E. Fairman (associated with *Epicoccum agyrioides* Corda).

putrefaciens – Z. Pflanzenkrankh. 4: 333 (1894).
Notes: without author, on *Beta* sp. – maybe an error and *Clasterosporium putrefaciens* (Fuckel) Sacc. was intended.

pygmaeum Ellis & Everh. (in Exs.: Flora Sequoia Gigantea Region, No. 1235, nom. nud.).
T: on *Vitis californica* (Vitaceae), USA, California, Amador Co., Pine Grove, Jul. 1893, G.E. Hansen (B; BPI 427408–427409; NY).

pyllophilum – see *phyllophilum*.

pyriforme Reichert, Bot. Jahrb. Syst. 56: 721 (1921)**!**, as '*pyriformum*'.
T: on cladodes of *Opuntia ficus-indica* (Cactaceae), Egypt, near Bulak, 1822/25, Ehrenberg (B).
Lit.: SACCARDO (1972: 1338, as '*piriforme'* I. Reichert).
Ill.: REICHERT (1921: Tab. 4, Fig. 4).

'*pyrorum* Berk.', Gard. Chron. 1848: 398 (1848)**!**.
Lit.: LINDAU (1907: 779), OUDEMANS (1921).
Notes: LINDAU (l.c.) cited Gard. Chron. p. 398 (1848) for *C. pirorum* Berk. and listed it as synonym of *Fusicladium dendriticum* (Wallr.) Fuckel [= *Fusicladium pomi* (Fr.) Lind, Dan. fung.: 521 (1913)]. The page concerned has been examined, but the name '*Cladosporium pyrorum* Berk.' was not found.

qinghaiense T. Zhang & Z.Y. Zhang, Proceedings of Phytopathological Symposium Organized by Phytopathology Laboratory of Yunnan Province 2: 285 (1998), as '*qinghaiensis*'.
T: on *Pisum sativum* (Fabaceae), China (MHYAU 03925: holotype).
Ill.: ZHANG et al. (2003: 148, Fig. 100).

quitense Syd., Ann. Mycol. 37: 420 (1939)**!**.
T: on leaves of *Berberis schwerinii* (Berberidaceae), Ecuador, Pichincha mountains near Quito, 11 Sept. 1937, H. Sydow (B; BPI 427427; M; Syd., F. exot. exs. 1232).

radians Sacc. & D. Sacc., in Saccardo & P. Sydow, Syll. fung. 16: 1059 (1902)**!**.
T: on leaves of *Abies pinsapo* (Pinaceae), Italy, Padua, Apr. 1900, Sacc., Mycoth. ital. 787 (B; BPI 427428; HBG).
≡ *Cladosporium radians* Sacc. & D. Sacc., Mycoth. ital., Cent. VIII., No. 787 (1901)**!**, nom. nud.
Lit.: LINDAU (1907: 812), FERRARIS (1912: 336).

ramulosum Rab. – OUDEMANS (1924).
An error. *C. ramulosum* Roberge ex Desm. was intended.

ramulosum Reissek, Sitzungsber. Kaiserl. Akad. Wiss., Math.-Naturwiss. Cl. 7(2): 336 (1851)**!**.
T: on pollen of *Pinus sylvestris* (Pinaceae), Austria.
Lit.: SACCARDO (1886: 370; 1913: 1370), LINDAU (1907: 833).
Notes: REISSEK (1851): '(*C. entoxylinum* Corda var. ?)'. "An diversum a *Cladosporio ramuloso* Desm.?" (SACCARDO 1886). "Species omnino dubia, cfr. Lindau l.c." (SACCARDO 1913). See also *C. ramulosum* Roberge ex Desm. below.

ramulosum Roberge ex Desm., Ann. Sci. Nat. Bot., Sér. 3, 18: 361 (1852)**!**, nom. illeg., homonym, non *C. ramulosum* Reissek, 1851.
T: on *Populus alba* (Salicaceae), France, Paris, Parc du Libisy, May 1851, Roberge [PC 1518: holotype; herb. Desmazières 2135 (PC): isotype]
≡ *Pollaccia ramulosa* (Rostr.) Ondřej, Eur. J. Forest Pathol. 2: 143 (1972)**!**, nom. nov., as '(Desm.) Ondřej'.
= ***Fusicladium radiosum*** (Lib.) Lind, Ann. Mycol. 3: 429 (1905) var. ***radiosum***.
Lit.: SACCARDO (1886: 357), LINDAU (1907: 777), OUDEMANS (1920), BALDACCI &

CIFERRI (1937: 61), RITSCHEL (2001), SCHUBERT et al. (2003: 85).
Notes: see *C. asteroma*.

raphanicola Opiz, Seznam: 117 (1852), nom. nud.
T: on *Raphanus* ?, Czech Republic.
Lit.: SACCARDO (1886: 370, as '*raphanicolum*'), LINDAU (1907: 832), KUPKA (1918: 156).
Notes: Type is not preserved at PRM. KUPKA (1918): "Von dem variablen *C. herbarum* kaum verschieden...".

rectum Preuss, in Sturm, Deutschl. Fl. 3(26): 29 (1848)**!**.
T: on the innerside of bark of *Pinus* (Pinaceae), Germany, near Hoyerswerda (B).
= *Helminthosporium fasciculare* Corda, Icon. fung. 1: 14 (1837)**!**, as '*Helmisporium*'. [T: PRM].
≡ ***Septonema fasciculare*** (Corda) S. Hughes, Canad. J. Bot. 36: 803 (1958)**!**.
= *Dendryphion pini* Höhn., Sitzungsber. Kaiserl. Akad. Wiss., Math.-Naturwiss. Cl., Abt. 1, 116: 153 (1907). [T: FH].
Lit.: SACCARDO (1886: 354, 374; 1906: 577), LINDAU (1907: 810).

rederse, in herb. HBG (without author and description).

resinae (Lindau) G.A. de Vries (f. *resinae*), Antonie van Leeuwenhoek J. Microbiol. Serol. 21: 167 (1955)**!**.
≡ *Hormodendrum resinae* Lindau, in Rabenhorst, Krypt.-Fl., ed. 2, 1(8): 699 (1907)**!**, as '*Hormodendron*'.
≡ *Hormoconis resinae* (Lindau) Arx & G.A. de Vries, in Arx, Verh. Kon. Ned. Akad. Wetensch., Afd. Natuurk., Tweede Sect., 61(4): 62 (1973)**!**.
= *Racodium resinae* Fr., Observ. mycol. 1: 216 (1815).
≡ *Sporocybe resinae* (Fr.) Fr., Syst. mycol. 3(2): 341 (1832).
≡ ***Sorocybe resinae*** (Fr.) Fr., Summa veg. Scand. 2: 468 (1849)**!**.
≡ *Dendryphion resinae* (Fr.) Corda, Icon. fung. 6: 11 (1854).
≡ *Stysanopsis resinae* (Fr.) Ferraris, Flora Ital. Crypt., Pars I, Fungi, Fasc. 6: 187 (1910).
= *Pycnostysanus resinae* Lindau, Verh. Bot. Vereins Prov. Brandenburg 45: 160 (1904).
≡ *Stysanus resinae* (Lindau) Sacc., Syll. fung. 18 : 651 (1906).
= *Cladosporium avellaneum* [G.A. de Vries] f. *viride* G.A. de Vries, Contr. Knowl. Genus *Cladosporium*: 56 (1952)**!**.
Teleomorph: *Amorphotheca resinae* Parbery, Austral. J. Bot. 17: 340 (1969)**!**.
Lit.: ELLIS (1971), DOMSCH et al. (1980), DAVID & KELLEY (1995), HO et al. (1999: 149), PARTRIDGE et al. (2001: 179), PARTRIDGE & MORGAN-JONES (2002: 344–348).

resinae [(Lindau) G.A. de Vries] f. *albidum* (G.A. de Vries) G.A. de Vries, Antonie van Leeuwenhoek J. Microbiol. Serol. 21: 167 (1955)**!**.
≡ *Cladosporium avellaneum* [G.A. de Vries] f. *albidum* G.A. de Vries, Contr. Knowl. Genus *Cladosporium*: 56 (1952)**!**.
= ***Sorocybe resinae*** (Fr.) Fr., Summa veg. Scand. 2: 468 (1849)**!**.

resinae [(Lindau) G.A. de Vries] f. *avellaneum* (G.A. de Vries) G.A. de Vries, Antonie van Leeuwenhoek J. Microbiol. Serol. 21: 167 (1955)**!**.
≡ *Cladosporium avellaneum* [G.A. de Vries] f. *avellaneum* G.A. de Vries, Contr. Knowl Genus *Cladosporium*: 56 (1952)**!**.
= ***Sorocybe resinae*** (Fr.) Fr., Summa veg. Scand. 2: 468 (1849)**!**.

resinae [(Lindau) G.A. de Vries] f. *sterile* (G.A. de Vries) G.A. de Vries, Antonie van Leeuwenhoek J. Microbiol. Serol. 21: 167 (1955)**!**.
≡ *Cladosporium avellaneum* [G.A. de Vries] f. *sterile* G.A. de Vries, Contr. Knowl. Genus *Cladosporium*: 56 (1952)**!**.
= ***Sorocybe resinae*** (Fr.) Fr., Summa veg. Scand. 2: 468 (1849)**!**.

rhododendri, in herb.
On leaves of *Rhododenron* sp., Switzerland (B).

rhodomyrti Sawada, Rep. Gov. Res. Inst. Formosa 87: 74 (1944)**!**, nom. inval.
T: on *Rhodomyrtus tomentosa* (Myrtaceae), Taiwan (PPMH).
Notes: description only in Japanese, not validly published.

rhois Arcang., in Thümen, Mycoth. univ., Cent. XIV, No. 1371 (1879)**!**.
T: on living leaves of *Rhus coriaria* (Anacardiaceae), Italy, Etruria, Tuscany, Settignano, near Florence, Nov. 1878, Arcangeli, Thüm., Mycoth. univ. 1371 and Erb. Critt. Ital. 849 (e.g., E; HAL; K; BPI 427440).
= *Cercospora marmorata* Tranzschel, in Tranzschel & Serebrianikow, Mycotheca Rossica, Fasc. 5, No. 250 (1911)**!**. [T: e.g., K; LE; W].
≡ *Cercosporina marmorata* (Tranzschel) Sacc., Syll. fung. 25: 895 (1931)**!**.
≡ *Phaeoramularia marmorata* (Tranzschel) Deighton, Mycol. Pap. 144: 34 (1979)**!**.
≡ ***Passalora marmorata*** (Tranzschel) U. Braun & Crous, in Crous & Braun, *Mycosphaerella* and its anamorphs: 1. Names published in *Cercospora* and *Passalora*, CBS Biodiversity Ser. 1: 267 (2003)**!**.
= *Cercospora rhois-coriariae* Kuhnh.-Lord., Ann. Éphiphyt., Ser. 2, 13: 54 (1947).
Lit.: SACCARDO (1886: 359), LINDAU (1907: 827), FERRARIS (1912: 346).

rietmanni Sart. & Syd., Rev. Pat. Malad. Pays Chauds 15(1): 9–44 (1935).
T: isolated from man (mycosis of the epidermis).
= ***Hortaea werneckii*** (Horta) Nishim. & Miyaji, Jap. J. Med. Mycol. 26(2): 145 (1984).
Lit.: CIFERRI (1960: 501), DE HOOG et al. (2000: 721).
Notes: see *C. werneckii*.

rigidiphorum R.F. Castañeda, in herb.
On dead leaves of *Smilax* sp. (Smilacaceae) (CBS 314.95; MUCL 39142).

rivinae Speg., Anales Mus. Nac. Buenos Aires 20: 437 (1910)**!**.
T: on living leaves of *Rivina laevis* (Phytolaccaceae), Argentina, near Metán, Salta, Jun. 1905.
Lit.: SACCARDO (1913: 1369), FARR (1973: 251).

robiniae (Kabát & Bubák) J.C. David, Mycol. Pap. 172: 92 (1997)**!**.
T: on fallen leaves of *Robinia pseudacacia* (Fabaceae), Czech Republic, Turnau, 10/20 Nov. 1903, J.E. Kabát (BPI: holotype; Kab. & Bub., F. imp. exs., No. 596: isotype, e.g., BPI; K).
≡ *Heterosporium robinae* Kabát & Bubák, in Bubák & Kabát, Hedwigia 43: 421 (1904)**!**.
Ill.: DAVID (1997: 84, Fig. 19 H–K; 93, Fig. 24).
Host(s)/substrate(s) & distribution: on *Robinia pseudacacia*; Europe (Czech Republic), North America (USA: NY).

roesleri Catt., Bol. Commiss. Agrar. Voghera 13: 263 (1876).
T: on *Vitis vinifera* (Vitaceae), France, Dep. de l'Eure, Eburense, A. Malbranche.
≡ *Cercospora roesleri* (Catt.) Sacc., Michelia 2(6): 128 (1880)**!**.
≡ *Cercospora roesleri* 'f. *typica* (Catt.)' Elenkin, Bolezni Rast. 4: 67 (1909), nom. inval.
≡ *Ragnhildiana roesleri* (Catt.) Vassiljevsky, in Vassiljevsky & Karakulin, Parazitnye nesovershennye griby, Ch. I, Gifomicety: 375 (1937)**!**.
= *Torula dissiliens* Duby, Mem. Soc. Phys. Genève 7: 128 (1835).
≡ *Septocylindrium dissiliens* (Duby) Sacc., Mycoth. ven., No. 583 (1876).
≡ *Phaeoramularia dissiliens* (Duby) Deighton, in Ellis, More Dematiaceous Hyphomycetes: 324 (1976)**!**.
≡ ***Passalora dissiliens*** (Duby) U. Braun & Crous, in Crous & Braun, *Mycosphaerella* and its anamorphs: 1. names published in *Cercospora* and *Passalora*, CBS Biodiversity Ser. 1: 164 (2003)**!**.
= ? *Septocylindrium virens* Sacc., Nuovo Giorn. Bot. Ital. 8: 186 (1876).
= *Septosporium fuckelii* Thüm., Oesterr. Bot. Z. 27: 137 (1877)**!**.
≡ *Cercospora fuckelii* (Thüm.) Jacz., Parasitic fungal diseases of grape vine, ed. 2: 81 (1906).
≡ *Cercospora roesleri* f. *fuckelii* (Thüm.) Elenkin, Bolezni Rast. 4: 68 (1909).
≡ *Isariopsis fuckelii* (Thüm.) du Plessis, Farming South Africa 17: 62 (1942).
= *Cladosporium pestis* Thüm., Oesterr. Bot. Z. 27: 12 (1877)**!**.

= ? *Cercospora coryneoides* Săvul. & Rayss, Rev. Pathol. Vég. Entomol. Agric. France 22: 223 (1935).

= *Cercospora leoni* Săvul. & Rayss, Rev. Pathol. Vég. Entomol. Agric. France 22: 222 (1935). [T: HUJ].

= *Cercospora judaica* Rayss, Palestine J. Bot, Jerusalem Ser. III, 50: 22 (1943). [T: HUJ].

Lit.: SACCARDO (1886: 458, as '*rosleri*'), LINDAU (1910: 117, as '*Rösleri*'), CHUPP (1954: 604).

'*roumegueri* Speg.', Rev. Mycol. (Toulouse) 1: 149 (1879)**!**.

Notes: An error on the web-site of the herbarium HBG (as '*rouegnesis*') and on the label of the collection in HBG, *Cladotrichum roumegueri* Speg., in Roumeguère, Rev. Mycol. (Toulouse) 1: 148–149 (1879) is intended.

rubi Ellis & Everh. (Exs.: Flora Sequoia Gigantea Region, No. 1487, nom. nud.).

T: on *Rubus parviflorus* (Rosaceae), USA, California, Jul. 1893, G. Hansen (B; BPI).

rutae (T.M. Achundov) U. Braun, A Monograph of *Cercosporella*, *Ramularia* and Allied Genera (Phytopathogenic Hyphomycetes), Vol. 2: 306 (1998)**!**.

T: on *Ruta graveolens* (Rutaceae), Azerbaijan, Apscheron, botanical garden, 25 Mar. 1961, Achundov (BAK: holotype; LE 42008: isotype).

≡ *Ramularia rutae* T.M. Achundov, Novosti Sist. Nizsh. Rast. 24: 96 (1987)**!**.

Ill.: BRAUN (1998: 307, Fig. 571).

salicis Moesz & Smarods, in Moesz, Magyar Bot. Lapok 31: 42 (1932)**!**.

T: on branches of *Salix cinerea* (Salicaceae), Latvia, near Adaži, 10 Jun. 1930, J. Smarods (M). Topotypes: Petr., Mycoth. gen. 1808 (e.g., BPI 427452); Behr, Plantae rarae et novae 134-1939 (e.g., HAL), material collected at the type locality in 1937.

Lit.: SACCARDO (1972: 1339).

Ill.: MOESZ (1932: 43, Fig. 6).

salicis-sitchensis Dearn. & Barthol., in Dearness, Mycologia 16: 174 (1924)**!**.

T: on living leaves of *Salix sitchensis* (Salicaceae), USA, Washington, Langley, Sept. 1922, Grant, No. 5011 (DAOM: lectotype).

= *Ramulaspera salicina* var. *tirolense* Bubák & Kabát, Oesterr. Bot. Z. 55: 243 (1905)**!**.

≡ *Ramularia salicina* var. *tirolense* (Bubák & Kabát) Deighton, Trans. Brit. Mycol. Soc. 90(2): 330 (1988).

≡ ***Phacellium salicinum*** var. ***tirolense*** (Bubák & Kabát) U. Braun, Nova Hedwigia 56: 438 (1993).

Lit.: SACCARDO (1972: 1339), BRAUN (1998: 337).

sambuci Brunaud, Champ. Charente-Infer. 1892: 38 (1892).

T: on leaves of *Sambucus nigra* (Caprifoliaceae), France, Saintes.

Lit.: SACCARDO (1895: 620).

sambuci Pass., in herb.

On living leaves of *Sambucus nigra* (Caprifoliaceae), Italy (B).

'*sarcopodioides* Sacc.' – OUDEMANS (1924).

Notes: An error. *Clasterosporium sarcopodioides* was intended.

sarraceniae Dearn. & House, Circ. New York State Mus. 24: 58 (1940), nom. inval.

T: on dead petioles and blades of *Sarracenia purpurea* (Sarraceniaceae), USA, New York, Albany Co., Voorheesville, 30 Aug. 1924, H.D. House (NYS 2716: holotype; DAOM: isotype).

≡ *Cladosporium punctatum* Dearn. & House, in herb., non *C. punctatum* (Sacc.) Sacc., 1882.

Notes: published without Latin diagnosis.

savastani Carbone, Atti Ist. Bot. Univ. Pavia, Ser. 2, 14: 322 (1914)**!**.

T: isolated from sausage ['in botulis (Salame crudo)'], Italy, Pavia.

Lit.: SACCARDO (1931: 799).

scabies Cooke, Gard. Chron., Ser. 3, 34: 100 (1903)**!**.

T: on fruits of cucumber (Cucurbitaceae), Great Britain.

= ***Cladosporium cucumerinum*** Ellis & Arthur, Bull. Agric. Exp. Sta., Indiana 19: 9–10 (1889).
Lit.: MCKEMY & MORGAN-JONES (1992), CROUS et al. (2000).

scillae Deighton, in Laundon, New Zealand J. Bot. 8(1): 55 (1970)**!**.
T: on living leaves of *Scilla peruviana* (Hyacinthaceae), New Zealand, Levin, 21 Dec. 1965, G.F. Laundon, LEV 477 (IMI 116997: holotype).
≡ ***Fusicladium scillae*** (Deighton) U. Braun & K. Schub., IMI Descriptions of Fungi and Bacteria 152, No. 1518 (2002)**!**.
Lit.: SCHUBERT et al. (2003: 94–96).

sclerotiophilum Sawada, Rep. Gov. Res. Inst. Formosa 51: 112 (1931)**!**, nom. inval.
T: on *Citrus grandis* var. *butan* (Rutaceae), Taiwan, 25 Nov. 1928, K. Sawada (PPMH).
Notes: description only in Japanese.

scopiforme Berk., Hooker's J. Bot. Kew Gard. Misc. 6: 208 (1854), as '*scopæforme*'.
T: on leaves of *Myristica* (Myristicaceae), India, Khasia (Churra), Hooker (K 115206; UPS).
≡ *Helminthosporium scopiforme* (Berk.) Subram., J. Indian Bot. Soc. 35: 450 (1956), as '*scopæforme*'.
≡ *Pleurophragmium scopiforme* (Berk.) S. Hughes, Canad. J. Bot. 36: 798 (1958)**!**, as '*scopæforme*'.
≡ ***Spiropes scopiformis*** (Berk.) M.B. Ellis, Mycol. Pap. 114: 30 (1968)**!**.
= *Cladosporium congestum* Berk. & Broome, J. Linn. Soc., Bot. 14: 99, 1873 (1875)**!**. [T: K].
= *Helminthosporium iteodaphnes* Thüm., Rev. Mycol. (Toulouse) 2: 38 (1880). [T: W 89009].
≡ *Cercospora iteodaphnes* (Thüm.) Sacc., Syll. fung. 4: 464 (1886)**!**.
Lit.: SACCARDO (1886: 358).

scribnerianum Cavara, in Briosi & Cavara, F. paras., Fasc. 7/8, No. 187 (1892)**!** and Hedwigia 31: 143 (1892)**!**.
T: on leaves of *Betula populifolia* (Betulaceae), Italy, Pavia, 1890, F.L. Scribner, Briosi & Cav., F. paras. 187 (HAL: syntype).
≡ ***Fusicladium scribnerianum*** (Cavara) M.B. Ellis, More Dematiaceous Hyphomycetes: 238 (1976)**!**.
Lit.: SACCARDO (1895: 620), LINDAU (1907: 819), FERRARIS (1912: 340), SCHUBERT et al. (2003: 96–97).

secedens Fr., Summa veg. Scand. 2: 499 (1849)**!**.
T: on rotten Sterea (= *Stereum*), Scandinavia.
Lit.: SACCARDO (1886: 368).

sericeum, in herb.
On a decorticated limb of *Magnolia fraseri* (Magnoliaceae), USA, West Virginia, 18 Sept. 1895, L.W. Nutall (BPI 427456, BPI 427457).

sidae Cif. & Gonz. Frag., Bol. Real Soc. Esp. Hist. Nat. 25: 455 (1925)**!** and Publ. Estac. Agron. Haina, Ser. B, Bot., 2: 12 (1926).
T: on dry stems of *Sida* sp. (Malvaceae), Dominican Republic, Haina, 28 Jun. 1925, Dr. R. Ciferri (BPI 427458; MA 06453: syntypes).
Lit.: SACCARDO (1972: 1339).

simplex Schwein., Trans. Amer. Philos. Soc., N.S., 4(2): 277 (1832)**!**.
T: on fallen leaves of *Fraxinus* sp. (Oleaceae), USA, Pennsylvania, Bethlehem, No. 2606 (PH).
Lit.: SACCARDO (1886: 360).

smilacis (Schwein.) Fr., Syst. mycol. 3(2): 369 (1832)**!**.
T: in the epidermis of *Smilax rotundifolia* (Smilacaceae), USA, Salem, Bethlehem (PH).
≡ *Dematium smilacis* Schwein., Syn. fung. Carol. sup.: 102 (1822)**!**.
Lit.: SACCARDO (1886: 367).

solanicola Viégas, Bragantia 6: 368 (1946)**!**, as '*solanicolum*'.
T: on *Solanum lycocarpum* (Solanaceae), Brazil, Prov. St. Pauli, Campinas, Bosque de Jequìtibás, 27 Jun. 1913, A.P. Viégas (IACM).

≡ *Mycovellosiella solanicola* (Viégas) Munt.-Cvetk., Lilloa 30: 178 (1960)**!**.
= *Cercospora brachycarpa* Syd., Ann. Mycol. 28: 207 (1930)**!**. [T: IMI 8500a].
≡ *Mycovellosiella brachycarpa* (Syd.) Deighton, Mycol. Pap. 137: 8 (1974)**!**.
≡ ***Passalora brachycarpa*** (Syd.) U. Braun & Crous, in Crous & Braun, *Mycosphaerella* and its anamorphs: 1. Names published in *Cercospora* and *Passalora*, CBS Biodiversity Ser. 1: 87 (2003)**!**.
= *Cercospora jaguarensis* Chupp & A.S. Mull., Bol. Soc. Venez. Ci. Nat. 8: 48 (1942), nom. inval. [T: CUP; IMI 105210a].
Notes: ZHANG et al. (1998) mentioned a first record of this species from China on *Solanum melongena*.

soldanellae Jaap, Ann. Mycol. 5: 270 (1907)**!**.
T: on dead leaves of *Soldanella alpina* (Primulaceae), Switzerland, Simplonhospiz, 2010 m alt.
Lit.: LINDAU (1910: 796), FERRARIS (1912: 348), SACCARDO (1913: 1368).
Notes: Type at B missing (Burghard Hein, personal communication).

solutum Link, in Willd., Sp. pl., 6(1): 39 (1824)**!**.
T: on stems of *Hibiscus esculentus* (*Abelmoschus esculentus*) (Malvaceae), Egypt, near Sjut, Oct., Ehrenberg.
≡ *Cladosporium herbarum* b *solutum* (Link) Rabenh., Krypt.-Fl. 1: 113 (1844)**!** : Fr. (1832).
≡ *Cladosporium herbarum* var. *solutum* (Link) Sacc., Syll. fung. 4: 351 (1886)**!**.
Lit.: PRASIL & DE HOOG (1988: 53, as '*C. herbarum* var. *solutum*').
Notes: Authentic material is not preserved in herb. B, so the identity of the species cannot be established (PRASIL & DE HOOG 1988). In OUDEMANS (1923), *Ricinus communis* (Euphorbiaceae) is given as host.

sorghi S.R. Chowdhury, Sydowia 23(6): 50 '1969' (1970)**!**.
T: on living inflorescences of *Sorghum vulgare* (Poaceae), India, Madhya Pradesh, Raipur, Coll. of Science, Dec. 1966, S.R. Chowdhury (IMI 125190b: holotype).
Ill.: CHOWDHURY (1970: 51, Fig. 2).

sparsum Schwein., Trans. Amer. Philos. Soc., N.S., 4(2): 277 (1832)**!**.
T: on leaves of *Allium cepa* and *Allium* sp. (Alliaceae), USA, Pennsylvania, Bethlehem, No. 2602 (PH).
Lit.: SACCARDO (1886: 367).

sphaeroideum Cooke, Grevillea 8(46): 60 (1879)**!**.
T: on leaves of *Poa foliosa* (Poaceae), New Zealand, Canterbury Alps, No. 398 (K 121569: holotype).
Lit.: SACCARDO (1886: 365), LIND (1913).
Notes: COOKE (1879) stated that the habit of this species resembles a *Sphaeria* or *Venturia*.

sphaerospermum Penz., Michelia 2(8): 473 (1882)**!**.
T: on faded leaves and branches of *Citrus* sp. (Rutaceae), Italy, Padova, Feb. 1882, O. Penzig.
= *Torula lichenopsis* Höhn., Denkschr. Kaiserl. Akad. Wiss., Math.-Naturwiss. Kl. 83: 36 (1927)**!**. [T: FH-Höhnel 1275: holotype].
= *Hormodendron langeronii* Fonseca, Leão & Nogueira, Sci. Med. 5: 563 (1927).
≡ *Cladosporium langeronii* (Fonseca, Leão & Nogueira) Vuill., Champ. paras.: 78 (1931)**!**.
≡ *Cladosporium langeronii* (Fonseca, Leão & Nogueira) Cif., Manuale di Micologia Medica, ed. 2: 488 (1960)**!**, as '*langeroni*', comb. superfl.
Lit.: SACCARDO (1886: 355), LINDAU (1907: 826), FERRARIS (1912: 345), DE VRIES (1952: 81), YAMAMOTO (1959: 3), ELLIS (1971: 315), HAWKSWORTH (1979: 287), DOMSCH et al. (1980: 209), ELLIS & ELLIS (1985: 290; 1988), WANG & ZABEL (1990: 200), HO et al. (1999: 139), DE HOOG et al. (2000: 591), SAMSON et al. (2000: 108), SAMSON et al. (2001: 340).
Ill.: DE VRIES (1952: 82, Fig. 18), YAMAMOTO (1959: 2, Figs 5–8), MINOURA (1966: 141, Fig. 5C), ELLIS (1971: 316, Fig. 218 A), DOMSCH et al. (1980: 209, Fig. 85), HO et al. (1999: 141, Figs 42–43), DE HOOG et al. (2000: 591–592, Figs), SCHELL (2003: 583, Fig. 18).

Host(s)/substrate(s) & distribution: as a secondary invader on many different plants as well as in air, soil, foodstuffs, paint, textiles and occasionally isolated from man and animals; cosmopolitan.

sphaerosporum (sic) – BARRON (1968: 130), Fig. 55.

Notes: Neither *C. sphaerospermum* nor *C.* '*sphaerosporum*' are amongst the *Cladosporium* species indexed by BARRON (1968), but Figure 55, of which a detail provides the illustration for the cover and an enlargement the frontispiece for BARRON (1968), is a commendable illustration of typical *C. sphaerospermum*.

spinae-christi M.B. Ellis, in herb., not published, cited on CABI page.

spongiosum Berk. & M.A. Curtis, in Berkeley, J. Linn. Soc., Bot. 10(46): 362 (1869)**!**.

T: on fruits of *Cenchrus* and on the inflorescences of *Setaria* (Poaceae), Cuba, C. Wright No. 287 (K 121570).

≡ *Helminthosporium spongiosum* (Berk. & M.A. Curtis) Cif., Atti Ist. Bot. Lab. Crittog. Univ. Pavia, Ser. 5, 19: 109 (1962)**!**.

Lit.: SACCARDO (1886: 365), ELLIS (1971: 317).

Ill.: ELLIS (1971: 316, Fig. 218 B).

Notes: BERKELEY (1869) compared the habit of his newly described species with *Helminthosporium ravenelii* M.A. Curtis. CIFERRI (l.c.) did not examine type material of *Cladosporium spongiosum* Berk. & M.A. Curtis, but rather based his new combination on material collected by himself on *Cenchrus echinatus* in the Dominican Republic (in comparing it with the description given by Berkeley and Curtis).

stanhopeae Allesch., Hedwigia 34: 221 (1895)**!**.

T: on faded leaves of *Stanhopea* (Orchidaceae), Germany, Munich, botanical garden, Sept. 1894, Allescher (M: holotype).

Lit.: SACCARDO (1895: xlviii; 1899: 1081), LINDAU (1907: 817).

staurophorum (W.B. Kendr.) M.B. Ellis, More Dematiaceous Hyphomycetes: 333 (1976)**!**.

T: on fallen leaves of *Pinus sylvestris* (Pinaceae), Great Britain, Cheshire, Delamere (DAOM 60786).

≡ *Hormodendrum staurophorum* W.B. Kendr., Canad. J. Bot. 39: 835 (1961)**!**.

Lit.: ELLIS & ELLIS (1985: 175), HO et al. (1999: 140).

Ill.: KENDRICK (1961: 833–834, Figs 1–2; Pl. 1, Figs 3–5), ELLIS (1976: 334, Fig. 252 B), HO et al. (1999: 141, Figs 44–45).

Notes: This species must be excluded from *Cladosporium*. It will be treated elsewhere.

stenosporum Berk. & M.A. Curtis, in Berkeley, Grevillea 3(27): 107 (1875)**!**.

T: on *Stylosanthes* (Fabaceae), USA, South Carolina, No. 2067 and on leaves of *Malus* sp. (Rosaceae), USA, No. 2529 (not preserved in herb. K).

Lit.: SACCARDO (1886: 352).

Notes: BUBÁK (1916) examined material of *Acrotheca dearnessiana* Sacc. sent to him by J. Dearness and thought it to be *Cladosporium stenosporum*. *Acrotheca dearnessiana* is a synonym of *Fusicladium pyrorum* (Lib.) Fuckel (SCHUBERT 2000; CROUS & BRAUN 2003: 488).

stercorarium Corda, Icon. fung. 1: 14 (1837)**!**.

T: on bird dung, Czech Republic.

Lit.: SACCARDO (1886: 369), LINDAU (1907: 831).

Ill.: CORDA (1837: Tab. 3, Fig. 205).

Notes: Type material is not preserved in herb. PRM.

stercoris Speg., Anales Mus. Nac. Buenos Aires, Ser. 2, 6: 338 (1899)**!**.

T: on old rabbit dung, Argentina, Parque de La Plata, May 1888.

Lit.: SACCARDO (1902: 1059), FARR (1973: 251).

stipae H.C. Greene, Trans. Wisconsin Acad. Sci. 41: 127 (1952)**!**.

T: on living leaves of *Stipa spartea* (Poaceae), USA, Wisconsin, Dane Co., Madison,

Univ. Wisconsin Arboretum, Oak opening, 6 Sept. 1951, H.C. Greene (BPI 427474; WIS: syntypes).

straminicola Pidopl. & Deniak, in Pidoplichko, Gribnaja Flora Grubych Kormov: 269 (1953)**!**, nom. inval.

T: on straw and on hay, Ukraine.

Ill.: PIDOPLICHKO (1953: 269, Fig. 70).

'*strictum* Sacc.' – GOLA (1930), *Cladotrichum strictum* Sacc. is intended.

strobilanthis H.J. Lu, Y.L. Liu & Z.Y. Zhang, Mycosystema 22: 49 (2003)**!**.

T: on *Strobilanthes cusia* (Acanthaceae), China, Shaanxi Prov., Xian, 29 Aug. 1989, T.F. Li & H. Li (MHYAU 07908).

Notes: The publication of this name is connected with a severe misprint. The text starts with the Latin description, but the name of the new species and 'sp. nov.' is missing. However, in the Chinese summary the name '*C. strobilanthis*' as new species appears, so that it can nevertheless be considered a valid name.

'*stromatum* Pers.' – listed by SACCARDO & BERLESE (1884: 100).

stromatum Preuss, in Sturm, Deutschl. Fl. 3(26): 25 (1848)**!**.

T: on wood of *Pinus* sp. (Pinaceae), Germany, Hoyerwerda.

Lit.: SACCARDO (1886: 352, 355), LINDAU (1907: 811), FERRARIS (1912: 339), OUDEMANS (1919: on *Eutypa lejoplaca*; 1920: on *Juglans regia*; 1921: on *Acer campestris*).

Ill.: PREUSS (1848: Tab. 13).

strumelloideum Milko & Dunaev, Novosti Sist. Nizsh. Rast. 23: 134 (1986)**!**.

T: on leaves of *Carex* sp. (Cyperaceae) from stagnent water, Russia, Yaroslavskaya Oblast, Rybinskoe, Sutka (BKMF-2534).

stysanoides Bubák, Bot. Közlem. 15(3–4): 81 (1915)**!**.

T: on leaves of *Soldanella alpina* (Primulaceae), Montenegro, Durmitor, Lokvice, ca. 2200 m, 15 Aug. 1904, F. Bubák (BPI 427476: holotype).

Lit.: SACCARDO (1931: 794).

suaveolens (Lindner) Delitsch, Ergebnisse der theoretischen und angewandten Mikrobiologie, Ed. Lembke, Bd. 1, Systematik der Schimmelpilze: 135 (1943).

T: in a distillery.

≡ *Sachsia suaveolens* Lindner, Mikroskopische Betriebskontrolle in den Gährungsgewerben: 153 (1895).

≡ *Oospora suaveolens* (Lindner) Lindau, in Rabenhorst, Krypt.-Fl., ed. 2, 1(8): 35 (1907)**!**.

≡ *Candida suaveolens* (Lindner) Langeron & Guerra ?

≡ *Geotrichum suaveolens* (Lindner) Cif., in Caretta, Atti Ist. Bot. Lab. Crittog. Univ. Pavia, Ser. 5, 19: 6 (1962)**!** (cited as 'Cif., in Diddens & Lodder, 1942'?).

≡ ***Moniliella suaveolens*** (Lindner) Arx, Antonie van Leeuwenhoek J. Microbiol. Serol. 38(3): 294 (1972)**!**.

Notes: "The species does not belong in the genus *Cladosporium*" (DE VRIES 1952: 97, with comments on type and other specimens).

subcompactum Roum. & P. Karst. → *compactiusculum*.

subcompactum Sacc., Syll. fung. 4: 361 (1886)**!**.

T: on dead stems of *Delphinium ajacis* (Ranunculaceae), France, Rouen, Letendre.

≡ *Cladosporium compactum* Sacc., Michelia 2(6): 127 (1880)**!**, nom. illeg., non *C. compactum* Berk. & M.A. Curtis, 1875.

Lit.: LINDAU (1907: 825), FERRARIS (1912: 344; 1914: 884), OUDEMANS (1921), GONZÁLES-FRAGOSO (1927: 203).

subfusoideum McAlpine, Fungus Dis. Citrus Trees Austral.: 79 (1899)**!**.

T: on fruits of *Citrus medica* (Rutaceae), Australia, Victoria, Wandin Yallok, Sept. 1898 and New South Wales, Parramatta, Feb. 1899, Cairnes.

Lit.: SACCARDO (1902: 1058).

Ill.: MCALPINE (1899: Pl. 5, Figs 21–22).

Notes: Types are lost, no specimen in VPRI. 'Type details agree with *Diplodia citricola* McAlpine (in part)' (personal communication with J. Cunnington / I. Pascoe).

subnodosum Cooke, Grevillea 17(83): 67 (1889)**!**.

T: on leaves of *Spinacia* (Chenopodiaceae), USA, South Carolina, Aiken, Rav., F. amer. exs. 294 (BPI 427478; NY).

Lit.: SACCARDO (1892: 601; 1895: 621).

subsclerotioideum Bubák & Dearn., in Bubák, Hedwigia 58: 33 (1916)**!**.

T: on living leaves of *Turritis glabra*, Canada, Ontario, London, Jun.–Jul. 1910, J. Dearness, mixed infection with *Peronospora parasitica* and *Albugo candida* (BPI 427479).

Lit.: SACCARDO (1931: 790).

subsessile Ellis & Barthol., Erythea 4: 83 (1896).

T: on living leaves of *Populus monilifera* (= *Populus deltoides* subsp. *monilifera*) (Salicaceae), USA, Kansas, 18 Sept. 1894, Bartholomew (NY: lectotype, selected by SCHUBERT et al., 2003); isolectotypes: on leaves of *Populus deltoides* subsp. *monilifera*, USA, Kansas, Rockport, Sept. 1894, E. Bartholomew, Ellis & Everh., N. Am. F. 3288 (e.g., M; NY).

≡ *Cladosporium brevipes* Ellis & Barthol., Erythea 4: 27 (1896), nom. illeg., non *C. brevipes* Peck, 1887.

≡ ***Fusicladium subsessile*** (Ellis & Barthol.) K. Schub. & U. Braun, IMI Descriptions of Fungi and Bacteria 152, No. 1519 (2002).

Lit.: SACCARDO (1899: 1081), FERRARIS (1912: 345), SCHUBERT et al. (2003: 99–100).

subtile Rabenh., F. eur., Ed. Nov., Ser. II, Cent. XXIV, No. 2364 (1876)**!**, nom. nud.

T: on legumes of *Leucaena glauca* (Mimosaceae), India, Calcutta, Rabenh., F. eur. 2364 (e.g., HAL).

= ***Cladosporium oxysporum*** Berk. & M.A. Curtis, in Berkeley, J. Linn. Soc., Bot. 10: 362 (1869)**!**.

Lit.: SACCARDO (1895: 621), BAGYANARAYANA & BRAUN (1999: 13).

superficiale Petch, Ann. Roy. Bot. Gard. (Peradeniya) 9: 327 (1925).

T: on leaves of *Cinnamomum ovalifolium* (Lauraceae), India, Ceylon, Hakgala, 27 Feb. 1922, No. 6570 (K 121571: holotype).

Lit.: SACCARDO (1972: 1339).

sycophilum Farneti, Atti Ist. Bot. Univ. Pavia, Ser. 2, 8: 517 (1904)**!**, as '*sicophilum*'.

T: on living fruits of *Ficus carica* (Moraceae), Italy, Pavia.

Lit.: SACCARDO (1906: 576), LINDAU (1907: 821), FERRARIS (1912: 347).

Notes: In OUDEMANS (1920) *Morus alba* is given as a further host.

symphoricarpi, in herb.

On *Symphoricarpos acutus* (Caprifoliaceae), Canada, British Columbia, 11 Jul. 1935, G.G. Hedgcock (BPI 427503).

syphiliticum Hallier, Flora, Neu Reihe, 26(19): 294 (1868)**!**.

T: isolated from man associated with syphilis.

≡ *Cladosporium coniothecii-syphilitici* Hallier, Flora, Neu Reihe, 26(19): 294 (1868)**!** (alternative name).

Lit.: SACCARDO (1913: 1371), NANNIZZI (1934: 409).

Ill.: HALLIER (1868a: Tab. 3, Fig. 13).

Notes: Introduced as state (morphe) of *Coniothecium syphiliticum* Hallier and *Penicillium syphiliticum* Hallier (p. 295). A doubtful, human pathogenic fungus associated with syphilis, undoubtedly not belonging to *Cladosporium* s. str. "Est species omnini obsura et vix *Cladosporium*." (SACCARDO 1913). "Species incertae" (SACCARDO 1911: 282). Of E. Hallier, "Herbarium and types: unknown" (STAFLEU & COWAN 1979).

syringae Montem., Riv. Patol. Veg., Ser. 2, 1915: 226 (1915).
T: on leaves of *Syringa vulgaris* (Oleaceae), Italy, Montubeccaria, Pavia.
Lit.: SACCARDO (1931: 793).

tabaci Oudem., Beih. Bot. Centralbl. 11: 538 (1902)**!**.
T: on decaying leaves of *Nicotiana tabaca* (Solanaceae), the Netherlands, Bussum, Aug. 1901, C.J. Koning (L).
= *Cladosporium nicotianae* Oudem., Ned. Kruidk. Arch., Ser. 3, 2(3): 769 (1902)**!**.
Lit.: SACCARDO (1906: 576), LINDAU (1907: 829).

taphrinae Bubák, Bot. Közlem. 15(3–4): 81 (1915)**!**.
T: on *Taphrina coerulescens* on living leaves of *Quercus cerris* (Fagaceae), Montenegro, Šavnik, 30 Sept. 1911, L. Vlach (BPI 427506: holotype).
Lit.: SACCARDO (1931: 797).

tectonae Sawada, Rep. Gov. Res. Inst. Formosa 85: 92 (1943)**!**, nom. inval.
T: on *Tectona grandis* (Verbenaceae), Taiwan, Taipeh, 6 May 1930, K. Sawada (BPI 427507; PPMH).
Notes: description only in Japanese, not validly published.

tectonicola Y.H. He & Z.Y. Zhang, Mycosystema 21(1): 21 (2002)**!** and in Zhang et al., Flora Fungorum Sinicorum, Vol. 14: 164 (2003)**!**.
T: on living leaves of *Tectona grandis* (Verbenaceae), China, Guangdong, Ledong, 30 Aug. 1978, D.R. Duan (HMAS 38603: holotype).
Ill.: HE & ZHANG (2002: 21, Fig. 1), ZHANG et al. (2003: 165, Fig. 114).
Notes: ZHANG et al. (2003) cited *Cladosporium tectonae* Sawada as synonym.

tenerrimum Link, in Willd., Sp. pl. 6(1): 41 (1824)**!**.
T: on rotting bark, Germany, Berlin, Link (B).
Lit.: SACCARDO (1886: 355), LINDAU (1907: 831).

tenerum (Link) E.W. Mason, in herb.?, Kirk et al. (n. d.), CABI page.

tenuis – GOLA (1930: 21).

tenuissimum Cooke, Grevillea 6(40): 140 (1878)**!**.
T: on sheats of *Zea mays* (Poaceae), USA, South Carolina, Aiken, H.W. Ravenel (K; NY).
Lit.: SACCARDO (1886: 365), OUDEMANS (1919), ELLIS (1976: 326), HO et al. (1999: 140).
Ill.: ELLIS (1976: 327, Fig. 245 A), HO et al. (1999: 143, Figs 46–47).
Host(s)/substrate(s) & distribution: on different host plants, also isolated from air, bread and soil; cosmopolitan but especially common in the tropics.

tetrapanacis D.X. Wu & Z.Y. Zhang, Mycosystema 22: 48 (2003)**!**.
T: on *Tetrapanax papyriferus* (Araliaceae), China, Shaanxi Prov., Xian, 29 Aug. 1989, T.F. Li (MHYAU 07906).
Ill.: WU & ZHANG (2003: 49, Fig. 1).

teucrii Y.L. Liu & Z.Y. Zhang, Plant Diseases and Their Control: 101 (1998).
T: on *Teucrium viscidum* (Lamiaceae), China (MHYAU 03954: holotype).
Ill.: ZHANG et al. (2003: 168, Fig. 116).

theobromicola Av.-Saccá, Bol. Agric. (São Paulo) 21: 59 (1920)**!**, as '*theobromicolum*'.
T: on *Theobroma cacao* (Sterculiaceae), Brazil.
Ill.: AVERNA-SACCÁ (l.c.: Figs 3–5).

tomentosum Corda, Icon. fung. 1: 15 (1837)**!**.
T: on wood and rotten bark, Czech Republic, near Reichenberg (PRM).
= ***Cladosporium herbarum*** (Pers.: Fr.) Link, Ges. Naturf. Freunde Berlin Mag. Neuesten Entdeck. Gesammten Naturk. 7: 37 (1816)**!**.
Lit.: SACCARDO (1886: 356), LINDAU (1907: 809), HUGHES (1958: 751).
Ill.: CORDA (1837: Tab. 4, Fig. 215).

tortuosum Fr., Summa veg. Scand. 2: 499 (1849)**!**.
T: on wood of *Quercus* (Fagaceae), Scandinavia.
Lit.: SACCARDO (1886: 354).

transchelii Pidopl. & Deniak, Mikrobiol. Zhurn. 5(2): 188, 194 (1938)**!**, nom. inval.
T: from stalks of *Zea mays* (Poaceae), Ukraine.
Lit.: PIDOPLICHKO (1953: 273).
Ill.: PIDOPLICHKO & DENIAK (1938: 188, Fig. 5).

transchelii var. *semenicola* (Pidopl. & Deniak) Pidopl. & Bilai, in Pidoplichko, Gribnaja Flora Grubych Kormov: 274 (1953)**!**, nom. inval.
T: on grains of oats, Ukraine.
≡ *Cladosporium viridiolivaceum* var. *semenicola* Pidopl. & Deniak (?).
Notes: It is unknown where the authors published this variety of *C. viridiolivaceum* Pidopl. & Deniak.

transchelii var. *viridi-olivacearum* (Pidopl. & Deniak) Pidopl. & Bilai, in Pidoplichko, Gribnaja Flora Grubych Kormov: 274 (1953)**!**, nom. inval.
T: isolated from rotting apples (*Malus* sp., Rosaceae), Ukraine.
≡ *Cladosporium viridiolivaceum* Pidopl. & Deniak, Mikrobiol. Zhurn. 5(2): 187, 194 (1938)**!**, as '*viridi-olivaceum*', nom. inval.
Ill.: PIDOPLICHKO & DENIAK (1938: 187, Fig. 4).

trichellum Sacc. – GOLA (1930: 21).

trichoides C.W. Emmons, in Binford, Thompson & Gorham, Amer. J. Clin. Pathol. 22: 541 (1952)**!**.
T: isolated from man, USA.
= ***Cladophialophora bantiana*** (Sacc.) de Hoog, Kwon-Chung & McGinnis, in de Hoog, Guého, Masclaux, Gerrits van den Ende, Kwon-Chung & McGinnis, J. Med. Veterin. Mycol. 33: 343 (1995)**!**.
Lit.: MCGINNIS & BORELLI (1981), HO et al. (1999: 146).

trichoides [C.W. Emmons] var. *chlamydosporum* Kwon-Chung, Mycologia 75(2): 320 (1983)**!**.
T: from brain abscess in man, USA, Maryland.
= ***Cladophialophora bantiana*** (Sacc.) de Hoog, Kwon-Chung & McGinnis, in de Hoog, Guého, Masclaux, Gerrits van den Ende, Kwon-Chung & McGinnis, J. Med. Veterin. Mycol. 33: 343 (1995)**!**.

trichophilum H.C. Greene, Amer. Midl. Naturalist 48(3): 756 (1952)**!**, nom. illeg., homonym, non *C. trichophilum* Petr. & Cif., 1932.
T: on living leaves of *Lonicera hirsuta* (Caprifoliaceae), USA, Wisconsin, Rusk Co., Hawkins, 26 Aug. 1918, J.J. Davis (BPI 427512; WIS: syntypes).

trichophilum Petr. & Cif., Ann. Mycol. 30: 337 (1932)**!**.
T: on living leaves of *Lantana trifolia* (Verbenaceae), Dominican Republic, Valle del Cibao, Prov. Santiago, Las Lagunas, at Pozo Hediondo, 7 Dec. 1930, R. Ciferri & E.L. Ekman (BPI 427513A, 43696A; IMI 127138a; M; W).
≡ *Mycovellosiella trichophila* (Petr. & Cif.) Deighton, in herb.
= *Cercospora lantanae* Chupp, in Toro, J. Dept. Agric. Porto Rico 15: 10 (1931). [T: CUP-PR 1200; IMI 132050].
≡ *Mycovellosiella lantanae* (Chupp) Deighton, Mycol. Pap. 137: 33 (1974)**!**.
≡ ***Passalora lantanae*** (Chupp) U. Braun & Crous, in Crous & Braun, *Mycosphaerella* and its anamorphs: 1. Names published in *Cercospora* and *Passalora*, CBS Biodiversity Ser. 1: 242 (2003)**!**.
= *Chaetotrichum lantanae* Petr., Sydowia 5: 38 (1951), nom. nov., non *Chaetotrichum trichophilum* (Stev.) Petr., 1951.

= *Mycovellosiella lantanae* var. *verbenacearum* K. Bhalla, S.K. Singh & A.K. Srivast., Australas. Syst. Bot. 12: 369 (1999)**!**. [T: IMI 373101].

trillii Ellis & Everh., Proc. Acad. Nat. Sci. Philadelphia 47: 430 (1895)**!**.

T: on leaves of *Trillium petiolatum* (Trilliaceae), USA, Washington, Pullman, Jun. 1894, C.V. Piper, no. 341, mixed infection with *Phyllosticta trillii* Ellis & Everh. (NY).

Lit.: SACCARDO (1899: 1081).

trilliicola J.C. David **nom. nov.**

T: on leaves (partly dead) of *Trillium ovatum* (Trilliaceae), USA, Idaho, Latah Co., 14 Jul. 1893, C.V. Piper (NY: holotype).

≡ *Heterosporium trillii* Ellis & Everh., Proc. Acad. Nat. Sci. Philadelphia 46: 382 (1894)**!**.

≡ *Cladosporium trillii* (Ellis & Everh.) J.C. David, Mycol. Pap. 172: 94 (1997)**!**, nom. illeg., homonym, non *C. trillii* Ellis & Everh., 1895.

Ill.: DAVID (1997: 89, Fig. 22 C–F; 95, Fig. 25).

triostei Peck, in Trelease, Trans. Wisconsin Acad. Sci. 6: 119 (1885)**!** and J. Mycol. 1: 13 (1885)**!**.

T: on leaves of *Triosteum perfoliatum* (Caprifoliaceae), USA, Wisconsin, La Crosse, L.H. Pammel (NYS 3219: holotype).

Lit.: SACCARDO (1886: 359), DE VRIES (1952: 99).

tropicale Sartory, R. Sartory, J. Mey. & R. Weiss, Bull. Acad. Roy. Méd. 113(24): 890 (1935), as '*tropicalis*', nom. inval.

T: 'dermatomycosis tropicalis', disease caused in man, Central Africa.

Notes: Latin diagnosis lacking, description rudimentary. "Doubtful, probably an *Exophiala*" (DE HOOG et al. 2000: 1033) or an *Aureobasidium* (CIFERRI 1960: 501).

tuberculatum Fr., Summa veg. Scand. 2: 499 (1849)**!**.

T: on ostiola of *Cytospora leucosperma*, Scandinavia.

Lit.: SACCARDO (1886: 368).

tuberum Cooke, Grevillea 12(61): 31 (1883)**!**.

T: on tubers of *Batata edulis* (= *Ipomoea batatas*) (Convolvulaceae), USA, South Carolina, Aiken, Rav., F. amer. exs. 600 (BPI 427529; K; NY).

Lit.: SACCARDO (1886: 362).

typhae Schwein., Trans. Amer. Philos. Soc., N.S., 4(2): 277 (1832)**!**.

T: on leaves of *Typha* sp. (Typhaceae), USA, Pennsylvania, Bethlehem, No. 2603 (PH).

Lit.: SACCARDO (1886: 366).

typharum Desm., Pl. crypt. N. France, Ed. 1, Ser. 2, Fasc. VII, No. 304 (1828).

T: on *Typha* sp. (Typhaceae), France, Desm., Pl. crypt. N. France 304 (K: isotype).

= ***Cladosporium herbarum*** (Pers.: Fr.) Link, Ges. Naturf. Freunde Berlin Mag. Neuesten Entdeck. Gesammten Naturk. 7: 37 (1816)**!**.

Lit.: SACCARDO (1886: 366; 1899: 1081), LINDAU (1907: 813; 1910: 796), FERRARIS (1912: 337), LIND (1913: 523), OUDEMANS (1919), GONZÁLES-FRAGOSO (1927: 211), DAVID (1997: 59, 70).

Notes: DAVID (1997): "The name *C. typharum* was introduced by Desmazières in 1828, giving *Dematium vulgare* [sic] ?var. γ *typharum* Pers. as a synonym. …Authentic Persoon material has a mixed population of conidia comprising both *C. herbarum* and *C. macrocarpum*.".

'*typharum* [Desm.] f. *fuscum* P. Karst.', Hedwigia 35: 48 (1896)**!**.

Notes: Cited by OUDEMANS (1919); see *C. typarum* var. *fuscum*. The actual reference in Hedwigia is to *Brachysporium typharum* (Desm.) Karst. var. *fuscum* n. var.

typharum [Desm.] f. *lanciforme* (Ces.) Ferraris → *lanciforme*.

typharum [Desm.] f. *minor* Brunaud, Bull. Soc. Bot. France 36: 340 (1889)**!**.

T: on leaves of *Typha latifolia* (Typhaceae), France, Rochefort.

Lit.: SACCARDO (1899: 1081), OUDEMANS (1919).

'*typharum* [Desm.] var. *fuscum* P. Karst.', Hedwigia 35: 48 (1896)**!**.

Lit.: SACCARDO (1899: 1081)**!**.

Notes: See comment under *C. typharum* [Desm.] f. *fuscum* P. Karst.

uleanum Henn., Hedwigia 34: 116 (1895)**!**.

T: on living leaves of a Myrtaceae, Brazil, Uberaba in Minas Geraës, Jun. 1892, E. Ule, no. 1927 (B; HBG).

Lit.: SACCARDO (1895: 620), LINDAU (1907: 828), LIND (1913: 524), OUDEMANS (1923).

ulmariae Grognot, in Roum., F. sel. gall. exs., Cent. XXXVII, No. 3697 (1886)**!**.

T: on *Spiraea ulmaria* (= *Filipendula ulmaria* subsp. *ulmaria*) (Rosaceae), France, Roum., F. sel. gall. exs. 3697 (FH).

Lit.: SACCARDO (1895: 621).

umbrinum Fr., Syst. mycol. 3(2): 372 (1832)**!**.

T: on *Agaricus olearius*, France, Montagne.

= ? *Botrytis pulvinata* Link, in Willd., Sp. pl. 6(1): 61 (1824).

Lit.: SACCARDO (1886: 369), LINDAU (1907: 807), OUDEMANS (1919).

unedonis Gonz. Frag., Mem. Real Acad. Ci. Barcelona, Ser. 3, 15(17): 459 (33) (1920)**!**.

T: on living leaves, becoming dry, of *Arbutus unedo* (Ericaceae), Spain, near Barcelona, Las Planas, 28 Mar. 1918, Prof. A. Caballero (MA 06466).

Lit.: GONZÁLES-FRAGOSO (1927: 204), SACCARDO (1931: 790).

uniseptosporum Matsush., Icones Microfungorum a Matsushima Lectorum: 36 (1975)**!**.

T: on rotten wood, Japan, Chiba, Kiyozumi Exp. Forest, Univ. Tokyo, Oct. 1967 (Matsush. herb. 2147).

Lit.: HO et al. (1999: 142).

Ill.: MATSUSHIMA (1975: Pl. 59, Fig. 3), HO et al. (1999: 143, Fig. 48).

uredinicola Speg., Anales Mus. Nac. Hist. Nat. Buenos Aires 23: 122–123 (1912)**!**.

T: on living acervuli of *Puccinia cestri* (Pucciniaceae) on *Cestrum pubescens* (Solanaceae), Argentina, Salta, near Calilegua, Nov. 1911, C. Spegazzini (LPS 13073: holotype; slides IMI 87162a; AUA).

Lit.: SACCARDO (1931: 798), SUTTON (1973: 40), ELLIS (1976: 330), ELLIS & ELLIS (1985: 571; 1988), MORGAN-JONES & MCKEMY (1990), HO et al. (1999: 142).

Ill.: SUTTON (1973: 41, Fig. 19A), ELLIS (1976: 331, Fig. 249), MORGAN-JONES & MCKEMY (1990: 189, Pl. 1; 191, Fig. 1; 193, Fig. 2; 195, Fig. 3; 197, Pl. 2; 199, Pl. 3), HO et al. (1999: 143, Fig. 49).

Host(s)/substrate(s) & distribution: hyperparasitic on uredia and telia of rusts, especially *Cronartium* and *Puccinia*; Europe (Great Britain), Asia (India), North America, South America (Argentina).

urediniphilum Speg., Anales Mus. Nac. Hist. Nat. Buenos Aires 31: 438–439 (1923)**!**.

T: on living acervuli of *Uredo cyclotrauma* (Uredinales) on leaves of *Pithecolobium cauliflorum*, Paraguay, Asunción, Puerto Sajonia, Oct. 1919, C. Spegazzini.

Lit.: DEIGHTON (1969), SACCARDO (1972: 1340), FARR (1973: 252), SUTTON (1973: 40).

Ill.: SUTTON (1973: 41, Fig. 19 B).

uredinis Deighton – listed on CABI-page, refers to *Cladosporiella uredinis* Deighton, Mycol. Pap. 118: 36 (1969).

ushuwaiense Speg., Bol. Acad. Nac. Ci. 27(4): 399 (1924)**!**, as '*ushuwaiensis*'.

T: on dead leaves of *Berberis ilicifolia* (Berberidaceae), Argentina, Cape Horn, Ushuwaia.

Lit.: SACCARDO (1972: 1340), FARR (1973).

uvarum McAlpine, Add. fungi vine Australia: 47 (1898)**!**.

T: on berries dried up and shrunken of *Vitis vinifera* (Vitaceae), Australia.

Lit.: SACCARDO (1899: 1079).
Ill.: MCALPINE (1898: Figs 72–74).

vagans (Pers.) Desm., Pl. crypt. N. France, Ed. 1, Fasc. I, No. 6 (1825), as 'Pers.'.
T: on leaves of *Acer*, *Tilia*, etc.
≡ *Fumago vagans* Pers., Mycol. eur. 1: 9 (1822)**!**.
Lit.: SACCARDO (1886: 370), OUDEMANS (1923).
Notes: see *C. fumago* Link.

vangueriae (Thirum. & Mishra) Arx, Genera Fungi Sporul. Pure Cult., Ed. 2: 222 (1974)**!**.
T: on leaves of *Vangueria spinosa* (= *Meyna laxiflora*), India, Bihar, Darbhanga (BPI 442756; IMI 51482).
≡ *Biharia vangueriae* Thirum. & Mishra, Sydowia 7(1–4): 79 (1963)**!**.
≡ ***Stenella vangueriae*** (Thirum. & Mishra) Deighton, Mycol. Pap. 144: 53 (1979)**!**.

variabile (Cooke) G.A. de Vries, Contr. Knowl. Genus *Cladosporium*: 85 (1952)**!**.
T: on *Spinacia oleracea* (Chenopodiaceae), Great Britain, Wales, Montgomeryshire, Welshpool, Forden Vicarage, J.E. Vize, Cooke, F. brit. exs. 360 (K: holotype).
≡ *Helminthosporium variabile* Cooke, F. brit. exs., Ed. 2, No. 360 (1870), nom. inval.
≡ *Heterosporium variabile* Cooke, Grevillea 5(35): 123 (1877)**!**.
Lit.: ELLIS (1971: 315), ELLIS & ELLIS (1985: 429), DAVID (1995c; 1997: 94), HO et al. (1999: 144).
Ill.: MINOURA (1966: 141, Fig. 5D), ELLIS (1971: 314, Fig. 217 B), DAVID (1995c: 1, Fig.; 1997: 97, Fig. 26), FUENTES-DAVILA & GABRIELSON (1996: 54–55, Figs 1–2), HO et al. (1999: 145, Fig. 50).
Host(s)/substrate(s) & distribution: on *Spinacia oleracea*; Asia (China, India, Iraq, Pakistan), Europe (Austria, Belgium, Denmark, France, Germany, Great Britain, Hungary, Italy, Montenegro, the Netherlands, Norway, Romania, Spain, Turkey, Cyprus), North America (USA: CA, MA, VA, WA).

velutinum Ellis & Tracy, J. Mycol. 6: 76 (1890)**!**.
T: on leaves of *Phalaris canariensis* (Poaceae), USA, Mississippi, Starkville, 25 Mar. 1890, S.M. Tracy, No. 1323 (NY, selected by R.A. Shoemaker; BPI 427595, 427597).
Lit.: SACCARDO (1892: 605).

venturioides Sacc., Nuovo Giorn. Bot. Ital., N.S., 22: 71 (1915)**!**.
T: on faded or dead branches of *Amaranthus caudatus* (Amaranthaceae), Malta, Zebbih, Jan. 1914, no. 643 (PAD, according to GOLA 1930).
Lit.: SACCARDO (1931: 796).

venturioides [Sacc.] var. *citricola* Sacc., Nuovo Giorn. Bot. Ital., N.S., 22: 72 (1915)**!**
T: on leaves of *Citrus aurantium* (Rutaceae), Malta, Imthaleb, C. Balzan, 1014, no. 501.
Lit.: SACCARDO (1931: 796).

versicolor P.A. Dang., Botaniste 22: 455 (1931)**!**.
T: in a glass of water containing a piece of potato, France.
Ill.: DANGEARD (1931: 489, Pl. 17; 491, Pl. 18).
Notes: DANGEARD (1931) described and illustrated this species as a pycnidial fungus.

versicolor T.E.T. Bond, Ceylon J. Sci., Sect. A, Bot. 12: 183 (1947), nom. illeg., homonym, non *C. versicolor* P.A. Dang., 1931.
T: on *Ageratum conyzoides* (Asteraceae), India, Ceylon, St. Coombs, Dec. 1943 (IMI 676).
= *Cercospora perfoliati* Ellis & Everh., J. Mycol. 5: 71 (1889), as '*perfoliata*'. [T: NY].
≡ *Mycovellosiella perfoliati* (Ellis & Everh.) Munt.-Cvetk., Lilloa 30: 201 (1960)**!**.
≡ ***Passalora perfoliati*** (Ellis & Everh.) U. Braun & Crous, in Crous & Braun, *Mycosphaerella* and its anamorphs: 1. Names published in *Cercospora* and *Passalora*, CBS Biodiversity Ser. 1: 314 (2003)**!**.
= *Cercospora agerati* F. Stevens, Bernice P. Bishop Mus. Bull. 19: 154 (1925)**!**. [T: ILL 16297].

≡ *Ragnhildiana agerati* (F. Stevens) F. Stevens & Solheim, Mycologia 23: 402 (1931)**!**.
= *Ramularia agerati* Sawada, Special Publ. Coll. Agric. Natl. Taiwan Univ. 8: 190 (1959)**!**, nom. inval. [T: PPMH; IMI 123997a (slide)].
= *Cercosporella coorgica* Muthappa, Mycopathol. Mycol. Appl. 34: 194 (1968)**!**. [T: IMI 937100].
Lit.: DEIGHTON (1974: 69).

victorialis (Thüm.) U. Braun & H.D. Shin, in Braun & Melnik, Proc. Komarov Bot. Inst. (St. Petersburg) 20: 101 (1997)**!**.
T: on *Allium victorialis* (Alliaceae), Russia, West Sibiria, Mt. Kerlygan, Martianoff (LE 40451: lectotype; LE 40452: isolectotype).
≡ *Cercospora victorialis* Thüm., Hedwigia 21: 172 (1882)**!**.
= *Cladosporium alliicola* H.D. Shin & U. Braun, Korean J. Mycol. 23(2): 141 (1995)**!**.
Lit.: CROUS & BRAUN (2003: 422).
Ill.: BRAUN & MELNIK (1997: Fig. 71).
Host(s)/substrate(s) & distribution: *Allium cepa*, *A. ochotense*, *A. sativum*, *A. victorialis*; Asia (Korea, Russia), South America (Brazil).

vignae M.W. Gardner, Phytopathology 15(8): 457 (1925)**!**.
T: on living stems of *Vigna sinensis* (= *V. unguiculata*) (Fabaceae), USA, Indiana, LaFayette, Sept. 1924, M.W. Gardner (BPI 427604).
Lit.: DE VRIES (1952: 99), MORGAN-JONES & MCKEMY (1992), HO et al. (1999: 144).
Ill.: MORGAN-JONES & MCKEMY (1992: 13, Fig. 1; 15, Pl. 1; 17, Fig. 2), HO et al. (1999: 145, Fig. 51).
Host(s)/substrate(s) & distribution: on *Vigna unguiculata* and *Lespedeza bicolor*; North America (USA), Australia (New South Wales, Queensland).

vincae Fairm., Ann. Mycol. 9: 148 (1911)**!**.
T: on dead leaves of *Vinca minor* (Apocynaceae), USA, New York, Lyndonville, 6 May 1910, C.E. Fairman [CUP-F2873(24-68)].
Lit.: SACCARDO (1931: 788).
Ill.: FAIRMAN (1911: 150, Figs 3–5).

vincae Moesz, Bot. Közlem. 23: 123 (1926)**!**, nom. illeg., homonym, non *C. vincae* Fairm., 1911.
T: on living leaves of *Vinca herbacea* (Apocynaceae), Hungary, near Budapest.
Lit.: SACCARDO (1972: 1340).
Ill.: MOESZ (1926: Fig. 7).
Notes: This species was described and illustrated as phytopathogenic, causing leaf spots, with conidiophores emerging through stomata.

'*virescens* Pers.', Mycol. eur. 1: 14 (1822)**!**.
Notes: *Cladosporium virescens* is cited in LINDAU (1907: 206) as synonym of *Sporotrichum virescens* (Pers.) Link (Bas.: *Dematium virescens* Pers.) which seems to be an error. PERSOON (1822) refers to *Dematium virescens* Pers.; the name *Cladosporium virescens* Pers. was never published.

virgultorum Schwein., Trans. Amer. Philos. Soc., N.S., 4(2): 277 (1832)**!**.
T: on branches, USA, Pennsylvania, Bethlehem, No. 2605 (PH).
Lit.: SACCARDO (1886: 356).

viride (Fresen.) Z.Y. Zhang & T. Zhang, Proceedings of Phytopathological Symposium Organized by Phytopathology Laboratory of Yunnan Province 2: 306 (1998).
T: on rotten fruits of *Vitis* (Vitaceae).
≡ *Penicillium viride* Fresen., Beitr. Mykol. 1: 21 (1850)**!**.
≡ *Hormodendrum viride* (Fresen.) Sacc., Syll. fung. 4: 311 (1886).
Ill.: ZHANG et al. (2003: 175, Fig. 122).
Notes: recorded from China on *Vitis balanseana*.

viridiolivaceum Pidopl. & Deniak → *transchelii* var. *viridi-olivacearum*.

viridiolivaceum [Pidopl. & Deniak] var. *semenicola* Pidopl. & Deniak → *transchelii* var. *semenicola*.

viticola Ces., in Rabenhorst, Flora 37: 206 (1854)**!** and in Klotzsch, Herb. viv. myc., Cent. XIX, No. 1877 (1854)**!**, as '*viticolum*'.

T: on *Vitis* sp. (Vitaceae), Italy, Klotzsch, Herb. viv. myc. 1877 (e.g., BPI 797134; HAL).
≡ *Cercospora viticola* (Ces.) Sacc., Syll. fung. 4: 485 (1886)**!**.
= ***Pseudocercospora vitis*** (Lév.) Speg., Anales Mus. Nac. Buenos Aires 20: 438 (1910)**!**.
Lit.: LINDAU (1910: 116, as '*viticolum*'), CHUPP (1954: 605), SIVANESAN (1984: 210).

vitis (Lév.) Sacc., Mycoth. ven., Cent. III, No. 284 (1875)**!**.

T: on leaves of *Vitis vinifera* (Vitaceae), Italy, Treviso, Selva, Sept. 1874, Sacc., Mycoth. ven. 284 (HAL).
≡ *Septonema vitis* Lév., Ann. Sci. Nat. Bot., Sér. 3, 9: 261 (1848)**!**.
≡ *Cercospora vitis* (Lév.) Sacc., Nuovo Giorn. Bot. Ital. 8: 188 (1876)**!**.
≡ *Helminthosporium vitis* (Lév.) Pirotta, Rev. Mycol. (Toulouse) 11: 185 (1889)**!**.
≡ ***Pseudocercospora vitis*** (Lév.) Speg., Anales Mus. Nac. Buenos Aires 20: 438 (1910)**!**.
≡ *Phaeoisariopsis vitis* (Lév.) Sawada, Rep. Dept. Agric. Gov. Res. Inst. Formosa 2: 164 (1922).
≡ *Cercosporiopsis vitis* (Lév.) Miura, Flora of Manchuria and East Mongolia, III. Cryptog. Fungi: 527 (1928).
= *Cladosporium viticola* Ces., in Rabenhorst, Flora 38: 206 (1854)**!** and in Klotzsch, Herb. viv. myc., Cent. XIX, No. 1877 (1854)**!**, as '*viticolum*'.
≡ *Cercospora viticola* (Ces.) Sacc., Syll. fung. 4: 485 (1886)**!**.
= *Cladosporium ampelinum* Pass., Erb. Critt. Ital., Ser. 2, No. 595 (1872)**!**.
= *Graphium clavisporium* Berk. & Cooke, Grevillea 3(27): 100 (1874)**!**. [T: K].
≡ *Isariopsis clavispora* (Berk. & Cooke) Sacc., Syll. fung. 4: 631 (1886)**!**.
= *Cercospora vitis* [(Lév.) Sacc.] var. *rupestris* Cif., Ann. Mycol. 20: 45 (1922).
= *Cercospora vitis* f. *parthenocissi* Docea, Lucr. Şti. Inst. Agron. 'N. Bălescu', Ser. A., 11: 406 (1968).
Teleomorph: *Mycosphaerella personata* B.B. Higgins, Amer. J. Bot. 16: 287 (1929).
Lit.: LINDAU (1910: 116, as '*vitis* Sacc.'), CHUPP (1954: 605), DEIGHTON (1976: 131), SIVANESAN (1984: 210), CROUS & BRAUN (2003: 427).

vitis-frutigeni, in herb.

On *Vitis* sp. (Vitaceae), USA, North Carolina, 17 Sept. 1890, G.E. Boggs (BPI 427626).

vulgaris – PACMA lists one collection in CM herbarium.

wedrila – on CABI page without author and citation, in herb.? (Kirk et al. n.d.).

werneckii Horta, Revista Med. Cirugía Brasil 29: 274 (1921), as '*Wernecki*'.

T: on man, Brazil. [ATCC 36317: ex-type].
≡ *Dematium werneckii* (Horta) C.W. Dodge, Med. Mycol.: 676 (1935)**!**.
≡ *Pullularia werneckii* (Horta) G.A. de Vries, Contr. Knowl. Genus *Cladosporium*: 101 (1952)**!**.
≡ *Exophiala werneckii* (Horta) Arx, Genera Fungi Sporul. Pure Cult.: 180 (1970)**!**.
≡ ***Hortaea werneckii*** (Horta) Nishim. & Miyaji, Jap. J. Med. Mycol. 26(2): 145 (1984).
≡ *Phaeoannellomyces werneckii* (Horta) McGinnis & Schell, in McGinnis, Schell & Carson, Sabouraudia 23(3): 184 (1985).
= *Cryptococcus metaniger* Castell., Archiv Dermatol. Syph. 16(4): 402 (1927)**!**.
≡ *Cladosporium metaniger* (Castell.) Ferraris, Atti Ist. Bot. "Giovanni Briosi" 3: 183 (1932)**!**.
= *Cladosporium rietmanni* Sart. & Syd., Rev. Pat. Malad. Pays Chauds 15(1): 9–44 (1935).
Lit.: NANNIZZI (1934: 408), DE VRIES (1952: 100), COOKE (1962: 34), KWON-CHUNG & BENNETT (1992: 195), SCHELL (2003: 606).

wikstroemiae (Sawada) H. Zhang & Z.Y. Zhang, Proceedings of Phytopathological Symposium Organized by Phytopathology Laboratory of Yunnan Province 2: 306 (1998), comb. inval.

T: on *Wikstroemia indica* (Thymeleaceae), Taiwan, Taipei, 19 Feb. 1913, K. Sawada (TNS

F218930: lectotype; PPMH: isolectotype).
≡ *Heterosporium wikstroemiae* Sawada, Rep. Gov. Res. Inst. Formosa 87: 77 (1944), nom. inval. et illeg., homonym, non *H. wikstroemiae* Petch, 1922.
= *Heterosporium wikstroemiae* Petch, Ann. Roy. Bot. Gard. (Peradeniya) 7: 319 (1922). [T: K; PAD].
≡ ***Stenella wikstroemiae*** (Petch) J. Walker, in Walker & White, Mycol. Res. 95: 1010 (1991)**!**.
Lit.: DAVID (1997: 126).

xyridis Tracy & Earle, Bull. Torrey Bot. Club 23(5): 206 (1896)**!**, as '*Gladisporium* (sic) *xyridis*'.
T: on petals of *Xyris fimbriata* (Xyridaceae), USA, Mississippi, Ocean Springs, 29 Sept. 1895, F.S. Earle (BPI 427627–427628; NY).
Lit.: SACCARDO (1899: 1081).

zeae Lobik, Trudy Severo-Kavkazsk. Inst. Zashch. Rast. 1(2): 41 (1933), nom. illeg., homonym, non *C. zeae* Peck, 1894.
T: on *Zea mays* (Poaceae), former USSR, Caucasus (LE).

zeae Peck, Rep. (Annual) New York State Mus. Nat. Hist. 46: 114 (1894).
T: on unripened grains of *Zea mays* (Poaceae), USA, Menands, Sept., C.H. Peck (NYS 3441: holotype).
Lit.: SACCARDO (1895: 620).

zeylanicum Sacc. & Trotter → *compactiusculum*.

zizyphi P. Karst. & Roum., Rev. Mycol. (Toulouse) 12(46): 78 (1890)**!**, non *Pseudocercospora zizyphi* (Petch) Crous & Braun, 1996.
T: on faded leaves of *Zizyphus* (Rhamnaceae), 'ad Sontag', Dec. 1887 (PC and Roum., F. sel. gall. exs. 5500).
= *Cercospora jujubae* S. Chowdhury, Indian J. Agric. Sci. 16: 525 (1946). [T: IMI 113803].
≡ ***Pseudocercospora jujubae*** (S. Chowdhury) N. Khan & Shamsi, Bangladesh J. Bot. 12: 117 (1983)**!**.
Lit.: SACCARDO (1892: 604), FERRARIS (1912: 342), OUDEMANS (1923), CROUS & BRAUN (2003: 233).

Unnamed Cladosporium states of named teleomorphs:

Cladosporium state of *Apiosporina collinsii* (Schwein.) Höhn.
≡ ***Fusicladium*** state of ***Apiosporina collinsii*** (Schwein.) Höhn.
Lit.: SIVANESAN (1984: 598), SCHUBERT (2001), SCHUBERT et al. (2003: 105–106).

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