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A HOST INDEX TO THE NORTH AMERICAN SPECIES OF THE GENUS CERCOSPORA

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Introduction

The genus *Cercospora* belongs to the Fungi Imperfecti, Order Moniliales (Hyphomycetes), and Family Dematiaceae. To which section of the family the genus should be referred is a point on which some difference of opinion exists. Since the spores are many times longer than broad the logical position of the genus would seem to be in the section Scolecosporae. Lindau, in Engler and Prantl's 'Die Natürlichen Pflanzenfamilien,' assigns it to this position as does Saccardo in his 'Sylloge Fungorum' **14**: 1099. 1899. However, in the earlier volumes of the 'Sylloge Fungorum' Saccardo included it in the Phragmosporae, and in this he was followed by Lindau in Rabenhorst's 'Kryptogamenflora.'

Since the published descriptions of the genus are very brief the following diagnosis is presented:

Fungi parasitic on herbaceous plant parts, especially leaves, more rarely on pedicels, stems, fruits, and bracts, usually forming definitely amphigenous necrotic spots which may become confluent and involve large areas of the leaf. Mycelium internal, filamentous, septate. Conidiophores usually emerging from the host tissue in fascicles, often by way of the stomata, usually easily visible with a hand lens, mostly hypophyllous, though frequently epiphyllous, smoky to brown in color, becoming darker with age but usually paler at the tip, simple or occasionally branched, cylindrical, wavy or geniculate with age, obtuse at the apex, usually septate when mature. Conidia borne singly and terminally on the conidiophore or becoming lateral by further

growth of the conidiophore tip, usually obclavate and attached by the broader base, often considerably attenuated at the apex, many times longer than broad, subhyaline to brown, or rarely entirely hyaline, smooth, at first aseptate, later becoming several- to many-septate, the usual range in length varying between 30 and 150 μ, with an average width of 3 to 6 μ, straight or curved.

The species of the genus *Cercospora* are usually typical leaf-spotting fungi. Under the hand-lens the conidiophores are usually visible as dark-colored tufts of projecting hyphae. In some cases they are too short to be individually recognizable under the lens and the tuft may appear as a very small projecting pustule. The color of the conidiophores and conidia is dark by reflected light, and this point usually enables one to distinguish this fungus from species of *Ramularia*, in which the spores and conidiophores are paler and appear whitish under the lens. Under the microscope, and especially in cross-sections of the leaf, these conidiophores are often seen to be confluent at their bases in a sub-stromatic or tubercular mass that, in many cases at least, is located in the sub-stomatal vesicle of the host plant. Emerging from the host, the conidiophores in the individual tufts may stand almost erect in the fascicle; in other cases they diverge at varying angles; and at times they become almost decumbent. When the conidiophores are erect they may be so closely bound together that the fascicle simulates a coremium such as present in *Isariopsis*.

The mode of formation of the conidia is such that while young conidiophores may be almost straight and smooth-walled, the older ones are likely to become wavy or irregular in outline. The first conidium is produced at the tip of a conidiophore. Then by further growth from a point near the place of attachment of this conidium the tip continues, usually at a slight angle to the direction of its previous growth, and then produces another conidium. This process may be repeated several times. Sometimes the direction of secondary growth is almost at right angles to that of the main axis of the conidiophore, in which case the tip of the conidiophore is sharply bent. The point of attachment of each conidium is usually visible after the conidium has fallen, so that the number of conidia that any conidiophore has pro-

duced can be rather easily determined. It follows then that the older conidiophores may present quite a different appearance from those that are producing their first crop of conidia. This is also correlated with a deepening in color, so that the older conidiophores are both more irregular and darker than are the younger ones. This point should be borne in mind in determining specific limitations.

As in the case of all fungi with septate and elongated spores, the growth of the conidium and the formation of the septae is a continuous process, so that young spores may be much shorter and lack septae or have a lesser number of septae than do mature spores of the same species. Because of this fact, undoubtedly many species that have been recognized as distinct from others on the basis of smaller conidia with fewer septae are in reality only immature forms of other species.

History

The early use of the name *Cercospora* is difficult to follow, notwithstanding the fact that it was not proposed until 1863. In that year Fuckel issued his exsiccati entitled 'Fungi Rhenani,' of which numbers 117 to 120 are species of *Cercospora* and are so designated. The characterization "Cercospora Fres. Passalora valde affinis est, sed constanter sporidiis multiseptatis differt." (No. 117) probably satisfies the requirements of generic diagnosis according to the International Code. In the same year (1863) Fresenius published his 'Beiträge zur Mykologie,' in which (pp. 91–93) he fails to give a formal description of *Cercospora* but refers to it and describes *C. Apii*, *C. Chenopodii*, *C. penicillata*, and *C. ferruginea*, some of which he had apparently received from Fuckel, to whom he attributes the last-named species. Fresenius remarks that the specimens sent by Fuckel could not be classified with previously described genera because of the elongated conidia (p. 92, under *C. Apii*). The characters on which he recognized these species as constituting a generic entity are not succinctly stated, yet enough is given for the recognition of the group. It would appear that Fuckel's 'Fungi Rhenani' was issued almost simultaneously with Fresenius' 'Beiträge zur Mykologie' but it is probably not possible

to decide which actually appeared first. Under the circumstances *C. Apii* Fres. would seem to be the type species of the genus.

Fresenius delimits the genus *Cercospora* on the following characters which we find mentioned in the notes and in the description of the type species, *C. Apii:* brown conidiophores borne in fascicles, simple, erect or nearly so, bearing hyaline bristle-like spores. The conidiophores are non-septate or sometimes show a cross-wall above the base. At their apices and along the sides there are dark scars from fallen conidia. The spores are bristle-like with clavate thickened bases and gradually attenuated apices; they are erect or bent in various ways at the apex. The septations in the conidia vary from three to eleven.

All of the members of the genus *Cercospora* described in Fresenius' 'Beiträge zur Mykologie' agree in having brown conidiophores but the color of the conidia themselves as there described varies from hyaline (*C. Apii*) to brown (*C. ferruginea*). The shape of both spores and conidiophores varies little. If the spores of *C. Apii*[1] are in reality hyaline, and that species be taken as the type of the genus, then it becomes impossible to limit the genus *Cercospora* to brown-spored species.

Saccardo, in Michelia **2**: 20. 1880, described the genus *Cercosporella* which may be regarded, in part at least, as a segregate from *Cercospora*. The first two species mentioned by him are *Cercosporella persica* Sacc. and *C. cana* Sacc., both of which had been previously described by him under the genus *Cercospora*. The separation into the new genus *Cercosporella* was made on the basis of the presence in these species of hyaline conidiophores and conidia. This genus has been commonly accepted, and to it have been transferred a considerable number of hyaline-spored species of *Cercospora*. However, a great deal of work yet remains to be done before the exact status of many species now under *Cercospora* can be determined.

As stated above, the genus *Cercospora* as originally proposed by Fresenius, in 1863, contained four species there described for the first time. Fuckel in his 'Symbolae Mycologici,' 1869–70,

[1] The spores vary from hyaline to brown according to reports. Stevens describes them as hyaline; Schwarze hyaline to brown.

enumerated 10 species. Saccardo, in Michelia, 1877–1882, described approximately 60 species. Cooke in Grevillea, 1876–1885, has described some 37 additional species. Since then, Ellis and his co-workers have described more than 150 American species. This number has been augmented by various workers, such as Peck who has described at least 30 species, Atkinson with 40 or more, Kellerman and Swingle with 7 or 8, Tehon and Daniels with approximately a dozen, Tharp with 30 or more, and Heald and Wolf with 20 or more.

Nomenclature and Citations

In working out the nomenclature of the host species an attempt has been made to follow the International Code as exemplified in Gray's 'New Manual of Botany,' 7th edition, and Bailey's 'Manual of Cultivated Plants,' except in such cases where it has seemed more expedient to follow volumes 1 and 2 of the 'Index Kewensis.' For the nomenclature of the species of the genus *Cercospora* the International Code has been used throughout.

In several cases quotations concerning the relationships of the species have been introduced. Unless these are specifically attributed to a particular author, they are always the comments of the original author of the species.

It has been thought worth while to give with each species such additional references as might be of service in confirming an identification reached by means of the host index. Therefore in citing the literature of *Cercospora* the first citation is to the original place of publication of the binomial in question. If another citation intervenes between this and the citation in 'Sylloge Fungorum,' provided that the *Cercospora* was described previous to the appearance of volume 22, it constitutes the original description of the fungus under another name. The 'Sylloge Fungorum' reference appears next, followed by whatever other descriptions may have been found in looking over available literature. For most species the next most important reference is Ellis and Everhart's 'Enumeration of the North American Cercosporae' which began in the first number of the Journal of Mycology (1885) and was continued through volume 4 (1888). The work was not intended as a monograph, but simply a compila-

tion of species known at that time. Because they contain descriptions of a considerable number of species, the articles by Atkinson (Jour. Elisha Mitchell Sci. Soc. 8: 33–67. 1892) and by Schwarze (N. J. Agr. Sta. Bull. 313. 1917) are consistently cited for the species they contain. Wherever the United States Department of Agriculture Bulletin 1366 or the 'Scientific Survey of Porto Rico' is mentioned, it should be borne in mind that these are merely lists of hosts and their attacking fungi and contain no descriptive matter. Similarly, the Transactions of the Wisconsin Academy of Sciences, Arts, and Letters is frequently cited, when no description is given, because a new host is listed or the geographical range is extended.

THE SCOPE AND ARRANGEMENT OF THE INDEX

Only those plants indigenous to the continent of North America which are hosts to *Cercospora* are cited. An attempt has been made to list the International Code name; synonyms appear in italics and their equivalents follow in ordinary type. In the "Host Index" the hosts included in a bracket are affected by the same species of *Cercospora*. In the "Index of Species of Cercospora" where literature citations are given, each species is preceded by a number. This number appears again as a cross-reference in "Host Families and their Cercosporas" where the Cercosporas are arranged according to the host families they affect.

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Abbreviations of Authors

Herewith is appended a list of the abbreviations for the names of authors, and for titles of publications cited:

Allesch. = Allescher, A.
Atk. = Atkinson, G. F.
Barth. = Bartholomew, E. T.
Berk. = Berkeley, M. J.
Berl. = Berlese, A. M.
Br. = Broome, C. E.
Bres. = Bresadola, G.
Casp. = Caspary, R.
Ces. = Cesati, V.
Clint. = Clinton, G. P.
Curt. = Curtis, M. A.
Dearn. = Dearness, J.
Desm. = Desmazieres, J.
Ell. = Ellis, J. B.
Ev. = Everhart, B. M.
Fckl. = Fuckel, L.
Fres. = Fresenius, G.
Gall. = Galloway, B. T.
Ger. = Gerard, W. R.
Halst. = Halsted, B. D.
Harkn. = Harkness, H. W.
Henn. = Hennings, P.
Holw. = Holway, E.
Kell. = Kellermar, W.
Langl. = Langlois, L. B.
Lév. = Léveillé, J. H.
Mart. = Martin, C.
Massal. = Massalongo, C.
Oud. = Oudemans, C. A.
Pass. = Passerini, G.
Pat. = Patouillard, N.
Penz. = Penzig, O.
Rab. = Rabenhorst, L.
Racib. = Raciborski, M.
Rav. = Ravenel, H. W.
Roum. = Roumeguere, C.
Sacc. = Saccardo, P. A.
Sacc.D. = Saccardo, D.
Schn. = ? Schneider, W. G.
Sorok. = Sorokin, N.
Speg. = Spegazzini, C.
Sw. = Swingle, W.
Sydow = Sydow, H. & P.
Thuem. = de Thuemen, F.
Westd. = Westendorp, G. D.
Wint. = Winter, G.

Abbreviations of Publications

Acad. Phila. Proc. = Proceedings of the Academy of Natural Sciences of Philadelphia.
Acad. Roy. Sci. Belgique Bull. = Bulletins de l'Academie Royale des Sciences, des Lettres et des Beaux-Arts de Belgique.
Ala. Agr. Sta. Bull. = Alabama Agricultural Experiment Station Bulletin.
Am. Nat. = The American Naturalist.
Ann. Mag. Nat. Hist. = Annals and Magazine of Natural History.
Ann. Myc. = Annales Mycologici.
Ann. Sci. Nat. Bot. = Annales des Sciences Naturelles. Botanique.
B. P. I. Bull. = United States Department of Agriculture—Bureau of Plant Industry Bulletin.
Beitr. Myk. = Beiträge zur Mykologie.
Bot. Gaz. = Botanical Gazette.
Bot. Univ. Pavia Atti = Atti dell' Istituto Botanico dell' Universita di Pavia.
Calif. Acad. Sci. Bull. = California Academy of Sciences Bulletin.
Can. Inst. Proc. = Proceedings of the Canadian Institute.
Can. Inst. Trans. = Transactions of the Canadian Institute.

Can. Rec. Sci. = Canadian Record of Science.
Cornell Univ. Bull. = Bulletin of Cornell University.
Dec. Myc. = Decades Mycologicae Italicae.
Elisha Mitchell Sci. Soc. Jour. = Journal of the Elisha Mitchell Scientific Society.
Field Mus. Bot. Ser. Rept. = Field Columbian Museum Report—Botanical Series.
Fla. Agr. Sta. Bull. = Florida Agricultural Experiment Station Bulletin.
Fungi Columb. = Fungi Columbiana.
Grev. = Grevillea.
Guar. = Fungi Guarantici.
Harriman Alaska Exped. = Harriman Alaska Expedition.
Hedw. = Hedwigia.
Ill. Acad. Trans. = Transactions of the Illinois Academy of Science.
Ind. Acad. Proc. = Proceedings of the Indiana Academy of Science.
Iowa Acad. Proc. = Proceedings of the Iowa Academy of Science.
Ist. Veneto Atti = Atti R. Istituto Veneto di Scienze, Lettere ed Arti.
Jour. Myc. = Journal of Mycology.
K. Akad. Wiss. Berlin Monatsber. = Monatsberichte der Königlichen Akademie der Wissenschaft Berlin.
Linn. Soc. Bot. Jour. = Journal of Linnaean Society—Botany. London.
Mededeel. Proefst. Suiker. = Mededeelingen van het Proefstation voor de Java Suikerindustrie.
Mich. Agr. Sta. Tech. Bull. = Michigan Agricultural Experiment Station Technical Bulletin.
Misc. myc. = Miscellanea mycologica.
Mo. Bot. Gard. Ann. = Annals of the Missouri Botanical Garden.
Myc. = Mycologia.
Myc. Univ. = Mycotheca Universalis.
Myc. Ven. = Mycotheca Veneta.
Not. Myc. = Notae Mycologicae.
N. J. Agr. Sta. Bull. = New Jersey Agricultural Experiment Station Bulletin.
Nuovo Giorn. Bot. Ital. = Nuovo Giornale Botanico Italiano.
N. Y. Acad. Ann. = Annals of the New York Academy of Sciences.
N. Y. Bot. Gard. Bull. = New York Botanical Garden Bulletin.
N. Y. Mus. Rept. = State Museum Report—University of the State of New York.
Oest. Bot. Zeitschr. = Oesterreichische botanische Zeitschrift.
Phytopath. = Phytopathology.
Rev. Myc. = Revue Mycologique.
Sci. Surv. Porto Rico = Scientific Survey of Porto Rico and the Virgin Islands.
Soc. Cien. Argent. Ann. = Annales de la Sociedad Cientifiques Argentina.

Soc. Myc. Fr. Bull. = Bulletin de la Société Mycologique de France.
Syll. Fung. = Sylloge Fungorum.
Symb. Myc. = Symbolae Mycologicae.
Tex. Agr. Sta. Bull. = Texas Agricultural Experiment Station Bulletin.
Tokyo Coll. Agr. Jour. = Journal of the College of Agriculture, Imperial University of Tokyo.
Torr. Bot. Club Bull. = Bulletin of the Torrey Botanical Club.
Tuskegee Sta. Bull. = Tuskegee Experiment Station Bulletin.
Wisc. Acad. Trans. = Transactions of the Wisconsin Academy of Sciences, Arts, and Letters.
Univ. Maine Studies = University of Maine Studies.
U. S. D. A. Bull. = United States Department of Agriculture Bulletin.
Zeit. Pflanzenkr. = Zeitschrift für Pflanzenkrankheiten.

Host Index

Abelmoschus esculentus (L.) Moench = Hibiscus esculentus L.
Abutilon Avicennae Gaertn. = A. Theophrasti Medic.
Abutilon Theophrasti Medic.
C. Abutilonis Tehon & Daniels
C. Althaeina Sacc.
Acalypha caroliniana Ell. = A. ostryaefolia Ridd.
Acalypha graciliens Gray
C. Acalyphae Peck
Acalypha ostryaefolia Ridd.
C. Acalyphae Peck
C. Acalypharum Tharp
Acalypha virginica L.
C. Acalyphae Peck
Acer Negundo L.
C. Negundinis Ell. & Ev.
Acerates viridiflora (Raf.) Eaton
C. Briareus Ell. & Ev.
Achyranthes portoricensis (Kuntze) Standl.
C. Alternantherae Ell. & Langl.
Acnida cannabina L.
C. Acnidae Ell. & Ev.
Actinomeris alternifolia (L.) DC.
C. anomala Ell. & Halst.
Actinomeris squarrosa Nutt. = A. alternifolia (L.) DC.
Acuan illinoense (Michx.) Kuntze = Desmanthus illinoensis (Michx.) Mac M.
Aesculus octandra Marsh
C. Aesculina Ell. & Kell.
Agrostis sp.
C. Agrostidis Atk.
Ailanthus glandulosa Desf.
C. glandulosa Ell. & Kell.
Alisma Plantago-aquatica L. ex Am. Auth.
C. Alismatis Ell. & Holw.
C. pachyspora Ell. & Ev.
Alisma subcordatum Raf. = A. Plantago-aquatica L.
Allionia hirsuta Pursh = Oxybaphus hirsutus (Pursh) Sweet
Allionia nyctaginea Michx. = Oxybaphus nyctagineus (Michx.) Sweet
{Alternanthera Achyrantha R. Br., Alternanthera portoricensis (Kuntze) Standl.
C. Alternantherae Ell. & Langl.
Althaea rosea Cav.
C. Althaeina Sacc.
C. Kellermani Bubák
Amaranthus sp.
C. brachiata Ell. & Ev.
C. canescens Ell. & Mart.
{Amaranthus retroflexus L. Amaranthus spinosus L.
C. brachiata Ell. & Ev.
Amaryllis sp.
C. Amaryllidis Ell. & Ev.

Ambrosia trifida L.
C. Arcti-Ambrosiae Halst.
C. racemosa Ell. & Mart.
Amelanchier sp.
C. Mali Ell. & Ev.
Ammania coccinea Rottb.
C. Ammanniae Tharp
Ammania latifolia Torr. & Gray, not L. = A. coccinea Rottb.
Amorpha canescens Pursh
C. Passaloroides Wint.
Amorpha cordata
C. Vitis (Lév.) Sacc.
Amorpha fruticosa L.
C. Passaloroides Wint.
Ampelopsis sp.
C. Ampelopsidis Peck
Ampelopsis arborea (L.) Rusby = Cissus arborea (L.) DesMoulins
Ampelopsis cordata Michx. = Cissus Ampelopsis Pers.
Ampelopsis quinquefolia (L.) Michx. = Psedera quinquefolia (L.) Greene
Amphicarpaea comosa Nwd. & Lunell
C. simulans Ell. & Kell.
Amphicarpa monoica (L.) Ell.
C. monoica Ell. & Holw.
C. simulans Ell. & Kell.
Amygdalus spp. = Prunus spp.
Andropogon halepensis (L.) Brot. = Holcus halepensis L.
Anethum graveolens L.
C. Anethi Sacc.
Angelica ?
C. Apii Fres. var. *Angelicae* Sacc. & Scalia
Angelica hirsuta Muhl. = A. villosa (Walt.) BSP.
Angelica villosa (Walt.) BSP.
C. Thaspii Ell. & Ev.
Apios tuberosa Moench
C. tuberosa Ell. & Kell.
Apium graveolens L.
C. Apii Fres.
Apocynum sp.
C. Apocyni Ell. & Kell.
Aquilegia canadensis L.
C. Aquilegiae Kell. & Sw.
Arachis hypogaea L.
C. personata (Berk. & Curt.) Ell.
Aralia nudicaulis L.
C. leptosperma Peck
Aralia spinosa L.
C. atromaculans Ell. & Ev.
Archangelica hirsuta Torr. & Gray = Angelica villosa (Walt.) BSP.
Arctium Lappa L.
C. Arcti-Ambrosiae Halst.
Arctostaphylos Uva-ursi (L.) Spreng.
C. Arctostaphyli Davis
Argythamnia mercurialina Muell.
C. Argythamniae Dearn. & House
Aristolochia macrophylla Lam.
C. guttulata Ell. & Kell.
Aristolochia Serpentaria L.
C. Serpentariae Ell. & Ev.
Armoracia rusticana Gaertn. Mey. & Scherb.
C. Armoraciae Sacc.
Aronia arbutifolia (L.) Ell. = Pyrus arbutifolia (L.) L. f.
Artemisia Absinthium L.
Artemisia ludoviciana Nutt.
C. Absinthii (Peck) Sacc.
Artemisia vulgaris L.
C. ferruginea Fckl.
Arundinaria tecta (Walt.) Muhl.
C. Scolecotrichoides Atk.
Asclepias amplexicaulis J. E. Smith
C. clavata (Ger.) Peck
Asclepias cordifolia (Benth.) Jep. = Gomphocarpus cordifolius Benth.
Asclepias Cornuti Decne. = A. syriaca L.
Asclepias curassavica L.
C. venturioides Peck
Asclepias ecornuta Kell. = Gomphocarpus cordifolius Benth.
Asclepias incarnata L.
C. clavata (Ger.) Peck
C. incarnata Ell. & Ev.
Asclepias Jamesii Torr. & Gray = A. latifolia (Torr.) Raf.
Asclepias latifolia (Torr.) Raf.
C. Asclepiodorae Ell. & Kell.
Asclepias Meadii Torr.
C. clavata (Ger.) Peck

Asclepias obtusifolia Michx. = A. amplexicaulis J. E. Smith
{Asclepias phytolaccoides Pursh
{Asclepias speciosa Torr.
C. clavata (Ger.) Peck
Asclepias syriaca L.
C. clavata (Ger.) Peck
C. elaeochroma Sacc.
C. Hanseni Ell. & Ev.
C. illinoensis Barth.
C. venturioides Peck
{Asclepias tuberosa L.
{Asclepiodora sessilis
{Asclepiodora viridis (Walt.) Gray
C. Asclepiodorae Ell. & Kell.
Asimina triloba Dunal
C. Asiminae Ell. & Kell.
Asparagus officinalis L.
C. Asparagi Sacc.
C. caulicola Wint.
Aster sp.
C. Asterata Atk.
C. viminei Tehon
Aster vimineus Lam.
C. viminei Tehon
Atriplex patula L.
C. dubia (Riess) Wint.
Baccharis Douglasii DC.
C. Baccharidis Ell. & Ev.
{Baptisia sp.
{Baptisia bracteata (Muhl.) Ell.
{Baptisia leucantha Torr. & Gray
C. velutina Ell. & Kell.
Begonia sp.
C. sp.—reported in Tex. Agr. Sta. Bull. **9**: 24. 1890, Jour. Myc. **6**: 83. 1891, and in U. S. D. A. Bull. 1366. 1926, without description.
Beta vulgaris L.
C. beticola Sacc.
Bidens sp.
C. umbrata Ell. & Holw.
{Bidens cernua L.
{Bidens connata Muhl.
C. megalopotamica Speg.
Bidens Nashii Small
C. Bidentis Tharp
Bignonia capreolata L.
C. capreolata Ell. & Ev.
Bignonia crucigera L., in part = B. capreolata L.
Bignonia radicans L. = Campsis radicans (L.) Seem.
Blitum capitatum L. = Chenopodium capitatum (L.) Asch.
Boehmeria cylindrica (L.) Sw.
C. Boehmeriae Peck
Borreria micrantha Torr. & Gray
C. Borreriae Ell. & Ev.
Brassica oleracea capitata L.
C. Bloxami Berk. & Br.
Breweria humistrata (Walt.) Gray
C. Stylismae Tracy & Earle
Brickellia californica (Kuntze) Gray
C. Coleosanthi Ell. & Ev.
Buchloë dactyloides (Nutt.) Engelm.
C. seminalis Ell. & Ev.
Bumelia lanuginosa (Michx.) Pers.
C. lanuginosa Heald & Wolf
Calla palustris L.
C. Callae Peck & Clint.
{Callicarpa sp.
{Callicarpa americana L.
C. Callicarpae Cooke
{Callirhoë sp.
{Callirhoë involucrata (Torr. & Gray) Gray
C. Althaeina Sacc.
Callirhoë triangulata (Leavenw.) Gray
C. Althaeina Sacc. var. *praecincta* Davis
Campsis radicans (L.) Seem.
C. duplicata Ell. & Ev.
C. Langloisii Sacc.
C. sordida Sacc.
Camptosorus rhizophyllus (L.) Link
C. Camptosori Davis
Capsicum annuum L. = C. frutescens L.
Capsicum frutescens L.
C. Capsici Heald & Wolf
Carduus altissimus L. = Cirsium altissimum (L.) Spreng.
{Carex arctata Boott
{Carex castanea Wahlenb.
{Carex cephaloidea Dewey
C. Caricina Ell. & Dearn.
Carex folliculata L.
C. Caricis Dearn. & House

{Carex gracillima Schwein.
Carex grisea Wahlenb.
Carex intumescens Rudge
C. Caricina Ell. & Dearn.

Carex laxiflora Lam.
C. microstigma Sacc.

{Carex lupulina Muhl.
Carex retrorsa Schwein.
Carex rosea Schkuhr.
C. Caricina Ell. & Dearn.

Carum Petroselinum Benth. & Hook. = Petroselinum hortense Hoff.

Carya alba (L.) K. Koch
C. Halstedii Ell. & Ev.

Carya illinoensis (Wang.) K. Koch
C. fusca (Heald & Wolf) emend. F. V. Rand, acc. to U. S. D. A. Bull. 1366. 1926.

Carya olivaeformis Nutt. = C. illinoensis (Wang.) K. Koch

Carya tomentosa Nutt. = C. alba (L.) K. Koch

Casimiroa edulis La Llave
C. Coleroides Sacc.

Cassava sp.
C. Cassavae Ell. & Ev.

Cassia alata L.
C. Chamaecristae Ell. & Kell.
C. simulata Ell. & Ev.

Cassia Chamaecrista L.
C. Chamaecristae Ell. & Kell.

Cassia marilandica L.
C. simulata Ell. & Ev.

Cassia nictitans L.
C. pinnulaecola Atk.

Cassia obtusifolia L. = C. Tora L.

Cassia occidentalis L.
C. Chamaecristae Ell. & Kell.
C. occidentalis Cooke
C. personata (Berk. & Curt.) Ell. & Ev. var. *Cassiae occidentalis* Sacc.

Cassia Tora L.
C. atromaculans Ell. & Ev.
C. nigricans Cooke
C. Torae Tharp

{Castalia odorata (Ait.) Woodville & Wood
Castalia tuberosa (Paine) Greene
C. Nymphaeacea Cooke & Ell.

Castilleja pallida Kunth
C. sp. acc. to Iowa Acad. Proc. **27:** 105. 1920.

Catalpa bignonioides Walt.
C. Catalpae Wint.

Catalpa Catalpa Karst. = C. bignonioides Walt.

Catalpa speciosa Warder
C. Catalpae Wint.

Cathartolinum virginianum (L.) Reichenb. = Linum virginianum L.

Caulophyllum thalictroides (L.) Michx.
C. Caulophylli Peck

Ceanothus americanus L.
C. Ceanothi Kell. & Sw.

Ceanothus arboreus Greene
C. MacClatchieana Sacc. & Syd.

Ceanothus ovatus Desf.
C. Ceanothi Kell. & Sw.

Cebatha carolina (L.) Britt. = Coccolus carolinus (L.) DC.

Celastrus scandens L.
C. melanochaeta Ell. & Ev.

Cephalanthus occidentalis L.
C. Cephalanthi Ell. & Kell.
C. perniciosa Heald & Wolf

Cercis canadensis L.
C. cercidicola Ell.
C. cercidicola Ell. var. *coremioides* Tehon

Cercis occidentalis Torr.
C. cercidicola Ell.

Chaetochloa glauca (L.) Scribn. = Setaria glauca (L.) Beauv.

Chamaecrista nictitans (L.) Moench = Cassia nictitans L.

Chayota edulis Jacq. = Sechium edule (Jacq.) Sw.

Chenopodium album L.
C. dubia (Riess) Wint.

Chenopodium ambrosioides L. var. anthelminthicum (L.) Gray
C. anthelmintica Atk.

Chenopodium capitatum (L.) Asch.
C. dubia (Riess) Wint.

Chionanthus virginica L.
C. Chionanthi Ell. & Ev.

{Chloris petraea Sw.
Chloris Swartziana Doell.
C. caespitosa Ell. & Ev.

Chrysanthemum sp.
C. Chrysanthemi Heald & Wolf
Chrysobalanus oblongifolius Michx.
C. Chrysobalani Ell. & Ev.
Chrysopsis graminifolia (Michx.) Nutt.
C. macroguttata Atk.
Cichorium Intybus L.
C. Cichorii Davis
Cinchona sp.
C. Cinchonae Ell. & Ev.
Cirsium sp.
C. kansensis Syd.
C. obesa Ell. & Ev.
Cirsium altissimum (L.) Spreng.
C. kansensis Syd.
Cirsium remotifolium (Gray) Jeps.
C. Cirsii Ell. & Ev.
Cirsium undulatum (Nutt.) Spreng.
C. ditissima Ell. & Ev.
Cissus Ampelopsis Pers.
C. truncata Ell. & Ev.
Cissus arborea (L.) DesMoulins
C. arboriae Tharp
Citrullus Citrullus (L.) Small = C. vulgaris Schrad.
Citrullus vulgaris Schrad.
C. Citrullina Cooke
Citrus Aurantium L.
C. aurantia Heald & Wolf
Citrus sinensis Pers. = C. Aurantium L.
Clematis sp.
C. rubigo Cooke & Harkn.
{Clematis viorna L.
{Clematis virginiana L.
C. squalidula Peck
Cleome sp.
C. conspicua Earle
Cleome pungens Willd. = C. spinosa L.
Cleome spinosa L.
C. Cleomis Ell. & Halst.
C. conspicua Earle
{Clitoria mariana L.
{Clitoria virginiana L.
C. Clitoriae Atk.
Cnicus sp. = Cirsium sp.
Cnicus remotifolius Gray = Cirsium remotifolium (Gray) Jeps.
Cnicus undulatus (Nutt.) Gray = Cirsium undulatum (Nutt.) Spreng.
Coccolus carolinus (L.) DC.
C. Menispermi Ell. & Holw.
Coffea arabica L.
C. coffeicola Berk. & Curt.
C. Herrerana Farneti
Coleosanthus californicus Kuntze = Brickellia californica (Kuntze) Gray
Comandra umbellata (L.) Nutt.
C. Comandrae Ell. & Dearn.
Comarum palustre L. = Potentilla palustris (L.) Scop.
Convolvulus acetosaefolius R. & S. = Ipomoea stolonifera (Cyrill.) Poir.
Convolvulus sepium L.
C. tuberculella Davis
Cornus femina Mill.
C. Corni Davis
Cornus florida L.
C. cornicola Tracy & Earle
Cornus paniculata L'Her.
C. Corni Davis
Cracca hispidula (Michx.) Kuntze = Tephrosia hispidula (Michx.) Pers.
Crassina elegans (Jacq.) Kuntze = Zinnia elegans Jacq.
Crataegus sp.
C. confluens Lieneman, nom. nov.
Crataegus apiifolia Michx. = C. Marshallii Eggl.
Crataegus Marshallii Eggl.
C. Apiifoliae Tharp
Crinum sp.
C. Pancratii Ell. & Ev.
Crotalaria sagittalis L.
C. Demetrioniana Wint.
Croton sp.
C. Crotonis Ell. & Ev.
Croton capitatus Michx.
C. capitati Tharp
Croton fruticulosus Engelm.
C. crotonicola Ell. & Barth.
Croton glandulosus L.
C. crotonifolia Cooke
Croton maritimus Walt.
C. maritima Tracy & Earle
Croton texensis (Klotzsch) Muell. Arg.
C. Crotonis Ell. & Ev.
Cubelium concolor (Forst.) Raf. = Hybanthus concolor (Forst.) Spreng.

Cucumis sativus L.
C. sp.—cited in U. S. D. A. Bull. 1366. 1926.
Cucurbita sp.
C. cucurbitacea Ell. & Gall., acc. to U. S. D. A. Bull. 1366. 1926.
{Cucurbita foetidissima HBK.
Cucurbita Lagenaria L.
Cucurbita maxima Duchesne
Cucurbita moschata Duchesne
Cucurbita Pepo L.
C. Cucurbitae Ell. & Ev.
Cucurbita perennis Gray = C. foetidissima HBK.
Cydonia japonica Pers. = Pyrus japonica (Pers.) Thunb.
{Cynara Cardunculus L.
Cynara Scolymus L.
C. obscura Heald & Wolf
Cynoctonum Mitreola (L.) Britt.
C. torta Tracy & Earle
Cynoctonum petiolatum (Walt.) Gmel. = C. Mitreola (L.) Britt.
Cynoxylon floridum (L.) Raf. = Cornus florida L.
{Cyperus filiculmis Vahl
Cyperus Houghtonii Torr.
Cyperus Schweinitzii Torr.
C. Caricina Ell. & Dearn.
{Cypripedium acaule Ait.
Cypripedium hirsutum Mill.
Cypripedium parviflorum Salisb. var. pubescens (Willd.) Knight
C. Cypripedii Ell. & Dearn.
Cypripedium spectabile Salisb. = C. hirsutum Mill.
Dactyloctenium aegyptium (L.) Richter
C. tessellata Atk.
Dalea enneandra Nutt.
C. Daleae Ell. & Kell.
Dalea laxiflora Pursh = D. enneandra Nutt.
Dasystephana linearis (Froel.) Britt. = Gentiana linearis Froel.
Dasystoma virginica (L.) Britt. = Gerardia virginica (L.) BSP.
Datura Metel L.
C. crassa Sacc.
Datura Stramonium L.
C. crassa Sacc.
C. Daturae Peck
Daucus Carota L.
C. sp.—mentioned in U. S. D. A. Bull. 1366. 1926.
Decodon verticillatus (L.) Ell.
C. Decodontis Tehon & Daniels
C. Nesaeae Ell. & Ev.
Decumaria barbara L.
C. Decumariae Tracy & Earle
Desmanthus illinoensis (Michx.) MacM.
C. Desmanthi Ell. & Kell.
Desmodium acuminatum DC. = D. grandiflorum (Walt.) DC.
{Desmodium grandiflorum (Walt.) DC.
Desmodium molle DC.
Desmodium nudiflorum (L.) DC.
C. Desmodii Ell. & Kell.
Desmodium tortuosum DC.
C. melaleuca Ell. & Ev.
Deutzia gracilis Sieb. & Zucc.
C. Deutziae Ell. & Ev.
Dianthera americana L.
C. Diantherae Ell. & Kell.
Diervilla sp.
C. Weigeliae Ell. & Ev.
Diervilla Lonicera Mill.
C. Diervillae Ell. & Ev.
Diervilla trifida Moench = D. Lonicera Mill.
Diodia teres Walt.
C. Diodiae Cooke
Diodia virginiana L.
C. Diodiae-virginianae Atk.
Dioscorea villosa L.
C. Dioscoreae Ell. & Mart.
C. nubilosa Ell. & Ev.
Diospyros Kaki L.
C. Diospyri Thuem.
C. fuliginosa Ell. & Kell.
C. Kaki Ell. & Ev.
Diospyros virginiana L.
C. atra Ell. & Ev.
C. Diospyri Thuem.
C. Diospyri Thuem. var. *ferruginosa* Atk.
C. flexuosa Tracy & Earle

C. fuliginosa Ell. & Kell.
C. virginiana Thuem.—cited in U. S. D. A. Bull. 1366. 1926.

Dipsacus sylvestris Huds.
C. elongata Peck

Dipteracanthus ciliosus Nees. = Ruellia parviflora (Nees) Britt.

Ditremexa occidentalis (L.) Britt. & Rose = Cassia occidentalis L.

Dolichos sp.
C. cruenta Sacc.

Dolichos Lablab L.
C. canescens Ell. & Mart.

Dolichos sinensis L. = Vigna sinensis (L.) Endl.

Echinochloa crusgalli (L.) Beauv.
C. Echinochloae Davis

Echinocystis lobata (Michx.) Torr. & Gray
C. Echinocystis Ell. & Mart.

Eichhornia speciosa Kunth
C. Piaropi Tharp

{Elaeagnus sp.
{Elaeagnus angustifolia L.
C. Elaeagni Heald & Wolf

Elephantopus carolinianus Willd.
C. Elephantopodis Ell. & Ev.

{Elephantopus caroliniensis G. F. W. Mey.[1]
{Elephantopus nudatus Gray
{Elephantopus tomentosus L.
C. Elephantopodis Ell. & Ev.

Eleusine aegyptia Pers. = Dactyloctenium aegyptium (L.) Richter

Epigaea repens L.
C. Epigaeae Ell. & Dearn.
C. Epigaeina Davis

Epilobium adenocaulon Haussk.
C. montana (Speg.) Sacc.

Epilobium alpinum L.
C. Epilobii Schn.

{Epilobium angustifolium L.
{Epilobium coloratum Muhl.
C. montana (Speg.) Sacc.

Erechthites hieracifolia (L.) Raf.
C. Erechthitis Atk.

Erechthites praealta Raf. = E. hieracifolia (L.) Raf.

Erigeron annuus (L.) Pers.
C. grisella Peck

Erigeron tomentosus[2]
C. ferruginea Fckl.

Eriogonum molle Greene
C. Eriogoni Ell. & Ev.

Eriogonum tomentosum Michx.
C. rubella Cooke

Erysimum cheiranthoides L.
C. Erysimi Davis

Erysimum officinale (L.) Scop. = Sisymbrium officinale Scop.

Erythrina Crista-galli L.
C. Erythrinae Ell. & Ev.

Erythrina herbacea L.
C. erythrinicola Tharp

{Euonymus americana L.
{Euonymus atropurpurea Jacq.
{Euonymus europaea L.
C. Euonymi Ell.

Euonymus japonica L.
C. destructiva Rav.

Eupatorium ageratoides L. = E. urticaefolium Reichard

Eupatorium album L.
C. Ageratoides Ell. & Ev.
C. Eupatorii Peck

{Eupatorium perfoliatum L.
{Eupatorium purpureum L.
C. perfoliata Ell. & Ev.

Eupatorium rotundifolium L.
C. Eupatorii Peck

Eupatorium urticaefolium Reichard
C. Ageratoides Ell. & Ev.

Eupatorium verbenaefolium Michx.
C. Agrostidis Atk.

[1] Although *C. Elephantopodis* was described in the original as occurring on *Elephantopus carolinensis*, a tropical species, the host is more likely to have been *Elephantopus carolinianus* Willd.

[2] Search through the available literature has failed to disclose this species of *Erigeron* as cited by Ellis and Everhart. Perhaps *Erigeron tomentosus* was an error for *Eriogonum tomentosum* Michx.

Euphorbia sp.
C. euphorbiaecola Atk.
Euphorbia corollata L.
C. Euphorbiae Kell. & Sw.
C. heterospora Ell. & Ev.
Euphorbia pulcherrima Willd.
C. pulcherrimae Tharp
C. pulcherrimae minima Tharp
Eustachys petraea (Sw.) Desv. = Chloris petraea Sw.
{Eustoma Andrewsii A. Nels.
{Eustoma Russellianum (Hook.) Griseb.
C. Eustomae Peck
C. nepheloides Ell. & Holw.
Eustoma silenifolium Salisb.
C. nepheloides Ell. & Holw.
Falcata comosa (L.) Kuntze = Amphicarpa monoica (L.) Ell.
Ficus carica L.
C. Bolleana (Thuem.) Speg.
C. Fici Heald & Wolf
C. Ficina Tharp
{Fragaria vesca L.
{Fragaria virginiana Duchesne
C. vexans C. Massal.
Fraxinus sp.
C. Fraxinea Ell. & Ev.
C. Fraxinites Ell. & Ev.
C. lumbricoides Turconi & Maffei
C. superflua Ell. & Holw.
Fraxinus pennsylvanica Marsh
C. texensis Ell. & Gall.
Fraxinus viridis Michx. f. = F. pennsylvanica Marsh
Froelichia floridana (Nutt.) Moq.
C. crassoides Davis
Galactia spp.
C. flagellifera Atk.
C. Galactiae Ell. & Ev.
{Galium Aparine L.
{Galium asprellum Michx.
C. Galii Ell. & Holw.
Galium pilosum Ait.
C. Galii Ell. & Holw.
C. tenuis Peck
{Galium pilosum Ait. var. puncticulosum (Michx.) Torr. & Gray
{Galium tinctorium L.
C. Galii Ell. & Holw.
Galium trifidum Ait.
C. punctoidea Ell. & Holw.
Galium triflorum Michx.
C. Galii Ell. & Holw.
Garrya elliptica Dougl.
C. Garryae Harkn.
C. glomerata Harkn.
Gaultheria procumbens L.
C. Gaultheriae Ell. & Ev.
Gaura biennis L.
C. Gaurae Kell. & Sw.
Gayophytum diffusum Torr. & Gray
C. Gayophyti Ell. & Ev.
Gentiana crinita Froel.
C. gentianicola Ell. & Ev.
Gentiana linearis Froel.
C. Gentianae Peck
{Geranium carolinianum L.
{Geranium maculatum L.
C. Geranii Kell. & Sw.
{Gerardia grandiflora Benth.
{Gerardia punctata Robins.
C. Gerardiae Ell. & Dearn.
Gerardia quercifolia Pursh = G. virginica (L.) BSP.
Gerardia virginica (L.) BSP.
C. clavata (Ger.) Peck
C. Gerardiae Ell. & Dearn.
Gleditsia triacanthos L.
C. condensata Ell. & Kell.
C. olivacea (Berk. & Rav.) Ell.
Glottidium floridanum DC. = Sesbania platycarpa Pers.
Glycine Apios L. = Apios tuberosa Moench
Glycine hispida = G. Max Merr.
Glycine Max Merr.
C. canescens Ell. & Mart.
C. cruenta Sacc.
Glycine Soja Sieb. & Zucc. = G. Max Merr.
Gnaphalium spp.
C. Gnaphaliacea Cooke
Gnaphalium decurrens Ives
C. Gnaphalii Harkn.
{Gnaphalium polycephalum Michx.
{Gnaphalium purpureum L.
C. Gnaphaliacea Cooke

Gomphocarpus cordifolius Benth.
C. Hanseni Ell. & Ev.
Gomphocarpus viridiflorus (Raf.) Spreng. = Acerates viridiflora (Raf.) Eaton
Gonolobus hirsutus Michx. = Vincetoxicum hirsutum (Michx.) Britt.
Gossypium sp.
Gossypium barbadense L.
C. Gossypina Cooke
Gossypium Cavanillesianum Tod.
C. Althaeina Sacc.
Gossypium herbaceum L.
C. Gossypina Cooke
Gossypium hirsutum Cav. = G. Cavanillesianum Tod.
Gratiola pilosa Michx.
C. Gratiolae Ell. & Ev.
Grindelia sp.
Grindelia squarrosa (Pursh) Dunal
C. Grindeliae Ell. & Ev.
Grossularia reclinata (L.) Mill. = Ribes Grossularia L.
Gymnocarpus sp. = Uapaca sp.
Gymnocladus canadensis Lam. = G. dioica (L.) Koch
Gymnocladus dioica (L.) Koch
C. Gymnocladi Ell. & Kell.
Halenia deflexa (Sm.) Griseb.
C. gentianicola Ell. & Ev.
Hamamelis virginiana L.
C. Hamamelidis Ell. & Ev.—N. Am. Fungi, 2586, nomen nudum.
Hedera sp.
C. Ampelopsidis Peck
Helenium microcephalum DC.
C. Helenii Tharp
Helianthus sp.
C. Helianthi Ell. & Ev.
Helianthus annuus L.
C. pachypus Ell. & Kell.
Helianthus doronicoides Lam.
Helianthus hirsutus Raf.
C. Helianthi Ell. & Ev.
Helianthus lenticularis Dougl. = H. annuus L.
Helianthus Maximiliani Schrad.
Helianthus occidentalis Riddell
C. Helianthi Ell. & Ev.
Helianthus petiolaris Nutt.
C. pachypus Ell. & Kell.
Helianthus rigidus Desf. = H. scaberrimus Ell.
Helianthus scaberrimus Ell.
Helianthus strumosus L.
Helianthus tuberosus L.
C. Helianthi Ell. & Ev.
Heliotropium curassavicum L.
C. Heliotropii Ell. & Ev.
Hemerocallis fulva L.
C. Hemerocallis Tehon
Herpetica alata (L.) Raf. = Cassia alata L.
Heteromeles arbutifolia Roem.
C. Heteromeles Harkn.
Heuchera americana L.
C. Heucherae Ell. & Mart.
Hibiscus esculentus L.
C. Althaeina Sacc.
C. brachypoda Speg.
C. Hibisci Tracy & Earle
Hibiscus tiliaceus L.
C. Hibisci Tracy & Earle
C. Hibiscina Ell. & Ev.
Hicoria pecan Britt. = Carya illinoensis (Wang.) K. Koch
Hieracium venosum L.
C. Hieracii Ell. & Ev.
Holcus halepensis L.
Holcus Sorghum L.
C. Sorghi Ell. & Ev.
Houstonia coerulea L.
C. Houstoniae Ell. & Ev.
Hybanthus concolor (Forst.) Spreng.
C. columbiensis Ell. & Ev.
Hydrangea sp.
C. Hydrangeae Ell. & Ev.
C. Hydrangeana Tharp
Hydrangea arborescens L.
C. arborescentis Tehon & Daniels
Hydrocotyle spp.
Hydrocotyle americana L.
Hydrocotyle Canbyi Coult. & Rose
Hydrocotyle interrupta Muhl.
Hydrocotyle umbellata L.
Hydrocotyle verticillata Thunb.
C. Hydrocotyles Ell. & Ev.
Hydrolea ovata Nutt.
C. Namae Dearn. & House

{Hymenocallis sp.
{Hymenocallis caribaea Herb.
C. Amaryllidis Ell. & Ev.

Hymenocallis crassifolia Herb.
C. Pancratii Ell. & Ev.

Hymenocallis declinata Roem. = H. caribaea Herb.

Hypericum adpressum Bart.
C. Hyperici Tehon & Daniels

Hyptis sp.
C. Ellissii Sacc. & Syd.

Ichthyomethia piscipula L. = Piscidia Erythrina L.

Ilex glabra (L.) Gray
C. Ilicis Ell.

Ilex opaca Ait.
C. ilicicola Lieneman, nom. nov.
C. Pulvinula Cooke & Ell.

Ionidium concolor Benth. & Hook. = Hybanthus concolor (Forst.) Spreng.

Ipomoea acetosaefolia Roem. & Schult.
C. sp., acc. to Torr. Bot. Club Bull. **28:** 84. 1901.

{Ipomoea lacunosa L.
{Ipomoea pandurata (L.) Meyer
C. Ipomoeae Wint.

Ipomoea purpurea (L.) Roth.
C. alabamensis Atk.
C. Ipomoeae Wint.
C. viridula Ell. & Ev.

Ipomoea stolonifera (Cyrill.) Poir.
C. Convolvuli Tracy & Earle

Isanthus brachiatus (L.) BSP.
C. Isanthi Ell. & Kell.

Isanthus caeruleus Michx. = I. brachiatus (L.) BSP.

Isopyrum biternatum (Raf.) Torr. & Gray
C. Merrowii Ell. & Ev.

Isopyrum thalictroides L.
The only mention of this host for *C. Merrowii* is Syll. Fung. **11:** 625. 1895.

Jatropha stimulosa Michx.
C. Jatrophae Atk.

{Juglans cinerea L.
{Juglans nigra L.
C. Juglandis Kell. & Sw.

Juniperus communis L. var. alpina Gaud.
C. Sequoiae Ell. & Ev.

Juniperus virginiana L.
C. Sequoiae Juniperi Ell. & Ev.

Jussiaea decurrens (Walt.) DC. = Jussieua decurrens (Walt.) DC.

Jussiaea leptocarpa Nutt. = Jussieua leptocarpa Nutt.

{Jussieua decurrens (Walt.) DC.
{Jussieua leptocarpa Nutt.
C. Jussieuae Atk.

Kalmia latifolia L.
C. Kalmiae Ell. & Ev.
C. sparsa Cooke

Lagenaria vulgaris Ser. = Cucurbita Lagenaria L.

Lagerstroemia indica L.
C. Lythracearum Heald & Wolf

Lathyrus latifolius L.
C. Lathyrina Ell. & Ev.

Lathyrus maritimus (L.) Bigel.
C. Lathyri Dearn. & House

{Lathyrus palustris L.
{Lathyrus venosus Muhl.
C. Viciae Ell. & Holw.

Laurus Benzoin L.
C. Smilacina Sacc.

Leonotis nepetaefolia R. Br.
C. Leonotidis Cooke

Leonotis ovata Boj. = L. nepetaefolia R. Br.

{Lepachys columnaris (Sims) Torr. & Gray
{Lepachys pinnata (Vent.) Torr. & Gray
C. Ratibidae Ell. & Barth.

{Lepidium sp.
{Lepidium campestre (L.) R. Br.
{Lepidium virginicum L.
C. Lepidii Peck

Lespedeza ? sp.
C. flagellifera Atk.

Lespedeza capitata Michx.
C. flagellifera Atk.
C. latens Ell. & Ev.
C. Lespedezae Ell. & Dearn.

Lespedeza frutescens (L.) Britt
C. flagellifera Atk.

Ligustrum sp.
C. adusta Heald & Wolf
C. Ligustri Roum.
Ligustrum californicum Hort. = Ligustrum ovalifolium Hassk.
Ligustrum japonicum Thunb.
C. Ligustri Roum.
Ligustrum ovalifolium Hassk.
C. adusta Heald & Wolf
Lilium longiflorum Thunb.
C. unicolor Sacc. & Penz.
Linum virginianum L.
C. Lini Ell. & Ev.
{Lippia lanceolata Michx.
Lippia nodiflora (L.) Michx.
C. Lippiae Ell. & Ev.
Liquidambar Styraciflua L.
C. Liquidambaris Cooke & Ell. U. S. D. A. Bull. 1366. 1926, nomen nudum.
C. tuberculans Ell. & Ev.
Liriodendron Tulipifera L.
C. Liriodendri Ell. & Harkn.
Litsea geniculata (Walt.) Nicholson
C. olivacea (Berk. & Rav.) Ell.
Lobelia amoena Michx.
C. effusa (Berk. & Curt.) Ell.
C. Lobeliae Kell. & Sw.
{Lobelia cardinalis L.
Lobelia inflata L.
Lobelia puberula Michx.
C. effusa (Berk. & Curt.) Ell.
Lobelia syphilitica L.
C. effusa (Berk. & Curt.) Ell.
C. Lobeliae Kell. & Sw.
Lonicera spp.
C. antipus Ell. & Holw.
C. varia Peck
{Lonicera flava Sims
Lonicera glaucescens Rydb.
Lonicera hirsuta Eat.
Lonicera Sullivantii Gray
C. antipus Ell. & Holw.
Ludwigia alternifolia L.
C. Ludwigiae Atk.
Lupinus diffusus Nutt.
C. Lupini Cooke
Lupinus perennis L.
C. filispora Peck
C. longispora Peck
Lupinus pilosus L.
C. longispora Peck
Lupinus subcarnosus Hook.
C. lupinicola Lieneman, nom. nov.
Lupinus texensis Hook. = L. subcarnosus Hook.
Lycium halimifolium Mill.
C. Lycii Ell. & Halst.
Lycium vulgare Dunal = L. halimifolium Mill.
Lycopersicum esculentum Mill.
C. canescens Ell. & Mart.
C. cruenta Sacc.
Lycopus rubellus Moench
C. Lycopi Ell. & Ev.
Lysimachia stricta Ait. = L. terrestris (L.) BSP.
Lysimachia terrestris (L.) BSP.
C. Lysimachiae Ell. & Halst.
Lythrum alatum Pursh
C. Lythri (Westd.) Niessl.
Maclura aurantiaca Nutt. = M. pomifera (Raf.) Schneider
Maclura pomifera (Raf.) Schneider
C. Maclurae Ell. & Ev.
Magnolia glauca L. = M. virginiana L.
Magnolia virginiana L.
C. Magnoliae Ell. & Harkn.
Maianthemum bifolium DC.
C. Majanthemi Fckl.
Maianthemum canadense Desf.
C. Majanthemi Fckl.
C. subsanguinea Ell. & Ev.
Malachra alcaefolia Jacq. = M. capitata L.
Malachra capitata L.
C. Malachrae Heald & Wolf
Malachra rotundifolia Schrank = M. capitata L.
Mallotus japonicus Muell. = Rottlera japonica Spreng.
Malus sylvestris Mill. = Pyrus Malus L.
Malva spp.
C. Althaeina Sacc.
Manihot esculenta Crantz = M. utilissima Pohl

Manihot Manihot (L.) Cockerell = M. utilissima Pohl
Manihot utilissima Pohl
C. Cassavae Ell. & Ev.
Marrubium vulgare L.
C. Marrubii Tharp
Martynia louisiana Mill.
C. beticola Sacc.
Medicago arabica Huds.
C. Medicaginis Ell. & Ev.
Medicago denticulata Willd. = M. hispida Gaertn.
{Medicago hispida Gaertn.
{Medicago lupulina L.
C. Medicaginis Ell. & Ev.
Medicago maculata Sibth. = M. arabica Huds.
Medicago sativa L.
C. helvola Sacc. var. *Medicaginis* Chester
C. Medicaginis Ell. & Ev.
Megapterium Fremontii (Wats.) Britt. = Oenothera Fremontii Wats.
Meibomia grandiflora Kuntze = Desmodium grandiflorum (Walt.) DC.
Meibomia mollis = Desmodium molle DC.
Melia Azedarach L.
C. leucosticta Ell. & Ev.
C. Meliae Ell. & Ev.
Melilotus alba Desf.
C. Davisii Ell. & Ev.
Menispermum canadense L.
C. Menispermi Ell. & Holw.
Mentha arvensis L. var. canadensis (L.) Briquet
C. menthicola Tehon & Daniels
Mentha canadensis L. = M. arvensis L. var. canadensis (L.) Briquet
Micrampelis lobata (Michx.) Greene = Echinocystis lobata (Michx.) Torr. & Gray
Mikania scandens (L.) Willd.
C. Mikaniae Ell. & Ev.
Mimulus alatus Ait.
C. Mimuli Ell. & Ev.
Mirabilis Jalapa L.
C. Mirabilis Tharp
Mitreola petiolata Torr. & Gray = Cynoctonum Mitreola (L.) Britt.
Modiola caroliniana (L.) Don
C. Althaeina Sacc. var. *Modiolae* Atk.
C. Modiolae Tharp
Modiola multifida Moench = M. caroliniana (L.) Don
Mollugo verticillata L.
C. molluginicola Lieneman, nom. nov.
C. Molluginis Halst.
Morongia uncinata Willd. = Schrankia uncinata Willd.
Morus sp.
C. moricola Cooke
C. pulvinulata Sacc. & Wint.
Morus alba L.
C. moricola Cooke
Morus rubra L.
C. moricola Cooke
C. pulvinulata Sacc. & Wint.
Muhlenbergia diffusa Willd. = M. Schreberi Gmel.
{Muhlenbergia foliosa Trin.
{Muhlenbergia mexicana (L.) Trin.
{Muhlenbergia Schreberi Gmel.
{Muhlenbergia sylvatica Torr.
C. Muhlenbergiae Atk.
Myrica carolinensis Mill.
C. diffusa Ell. & Ev.[1]
Myrica cerifera L.
C. diffusa Ell. & Ev.[1]
C. dispersa Ell. & Ev.
C. Myricae Tracy & Earle
C. penicillus Ell. & Ev.
Nabalus altissima (L.) Hook = Prenanthes altissima L.
Nabalus aspera (Michx.) Torr. & Gray = Prenanthes aspera Michx.
Nama ovata (Nutt.) Britt. = Hydrolea ovata Nutt.
Nasturtium palustre (L.) DC. = Radicula palustris (L.) Moench
Negundo aceroides Moench = Acer Negundo L.

[1] This species of *Cercospora*, otherwise known on members of the Solanaceae, is reported on this host in the U. S. D. A. Bull. 1366. 1926.

Negundo fraxinifolium Nutt. = Acer Negundo L.
Nelumbo lutea (Willd.) Pers.
C. Nelumbonis Tharp
Nelumbo luteum Willd. = N. lutea (Willd.) Pers.
Nepeta Cataria L.
C. Nepetae Tehon
Nerium Oleander L.
C. neriella Sacc.
Nesaea verticillata HBK. = Decodon verticillatus (L.) Ell.
{Nicotiana repanda Willd.
{Nicotiana Tabacum L.
C. Nicotianae Ell. & Ev.
Nymphaea (cultivated)
C. exotica Ell. & Ev.
C. Nymphaeaceae Cooke & Ell.
Nymphaea odorata Ait. = Castalia odorata (Ait.) Woodville & Wood
Nyssa multiflora Wang. = N. sylvatica Marsh
Nyssa sylvatica Marsh
C. Nyssae Tharp
Oenothera biennis L.
C. didymospora Ell. & Barth.
C. Oenotherae Ell. & Ev.
Oenothera Fremontii Wats.
C. didymospora Ell. & Barth.
Oenothera laciniata Hill
C. Oenotherae-sinuatae Atk.
Oenothera sinuata L. = O. laciniata Hill
Onagra biennis Scop. = Oenothera biennis L.
Oryza sativa L.
C. Oryzae Miyake
{Osmorhiza Claytonia (Michx.) Clarke
{Osmorhiza longistylis (Torr.) DC.
C. Osmorhizae Ell. & Ev.
{Oxybaphus hirsutus (Pursh) Sweet
{Oxybaphus nyctagineus (Michx.) Sweet
C. Oxybaphi Ell. & Halst.
Oxydendrum arboreum (L.) DC.
C. Oxydendri Tracy & Earle
Padus americana (L.) Mill. = Prunus virginiana L.
Paeonia officinalis L.
C. Paeoniae Tehon & Daniels
C. variicolor Wint.
Pancratium coronarium LeConte = Hymenocallis crassifolia Herb.
Panicum dichotomum L.
C. fusimaculans Atk.
Panicum latifolium L.
C. Panici Davis
Pariti tiliaceum (L.) St. Hil. = Hibiscus tiliaceus L.
Parosela enneandra (Nutt.) Britt. = Dalea enneandra Nutt.
Parthenocissus quinquefolia Planch.
C. Ampelopsidis Peck
Passiflora sp.
C. regalis Tharp
Passiflora incarnata L.
C. biformis Peck
C. fuscovirens Sacc.
C. truncatella Atk.
Passiflora lutea L.
C. fuscovirens Sacc.
Passiflora sexflora Juss.
C. biformis Peck
Pastinaca sativa L.
C. Apii Fres.
C. Pastinacae (Sacc.) Peck
Pelargonium spp.
C. Brunkii Ell. & Gall.
Peltandra alba Raf. = P. sagittaefolia (Michx.) Morong
Peltandra sagittaefolia (Michx.) Morong
C. pachyspora Ell. & Ev.
Peltandra virginica (L.) Kunth.
C. Callae Peck & Clint.
C. pachyspora Ell. & Ev.
Penthorum sedoides L.
C. sedoidis Ell. & Ev.
{Pentstemon Cobaea Nutt.
{Pentstemon grandiflorus Nutt.
{Pentstemon hirsutus (L.) Willd.
C. Pentstemonis Ell. & Kell.
Pentstemon pubescens Soland. = P. hirsutus (L.) Willd.
Pepo foetidissima (HBK.) Britt. = Cucurbita foetidissima HBK.
Persea americana Mill.
C. sp. Stevenson, Fla. Agr. Sta. Bull. 161: 3–23. 1922; Myc. **15:** 145. 1923; U. S. D. A. Bull. 1366. 1926.
Persea gratissima Gaertn. = P. americana Mill.

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Persea palustris (Raf.) Sarg.
C. purpurea Cooke
Persica vulgaris Mill. = Prunus Persica (L.) Sieb. & Zucc.
Persicaria Hydropiper (L.) Opiz. = Polygonum Hydropiper L.
Persicaria punctata (Ell.) Small = Polygonum acre HBK.
Petroselinum hortense Hoffm.
C. Apii Fres.
Petunia hybrida Hort.
C. sp.—mentioned in U. S. D. A. Bull. 1366. 1926.
Petunia parviflora Juss.
C. canescens Ell. & Mart.
Peucedanum graveolens (L.) Benth. & Hook. = Anethum graveolens L.
Peucedanum sativum (L.) Benth. & Hook. = Pastinaca sativa L.
Phaseolus sp.
C. canescens Ell. & Mart.
C. columnaris Ell. & Ev.
C. cruenta Sacc.
C. Phaseolorum Cooke
Phaseolus lunatus L.
C. canescens Ell. & Mart.
C. cruenta Sacc.
C. Phaseolorum Cooke
Phaseolus vulgaris L.
C. canescens Ell. & Mart.
C. cruenta Sacc.
{Philadelphus spp.
Philadelphus coronarius L.
C. angulata Wint.
Phleum pratense L.
C. graminicola Tracy & Earle
Phlox spp.
C. Phlogina Peck
C. omphakodes Ell. & Holw.
{Phlox amoena Sims
Phlox divaricata L.
Phlox floridana Benth.
Phlox maculata L.
C. omphakodes Ell. & Holw.
Photinia arbutifolia Lindl. = Heteromeles arbutifolia Roem.
Physalis spp.
C. Physalidis Ell.
Physalis heterophylla Nees
C. diffusa Ell. & Ev.
C. Physalidis Ell.
Physalis lanceolata Michx.
C. diffusa Ell. & Ev.
Physalis pubescens L.
C. Physalidis Ell.
Physalis virginiana Mill.
C. physalicola Ell. & Barth.
Physalis virginica Gray = P. virginiana Mill.
{Phytolacca americana L.
Phytolacca decandra L.
Phytolacca icosandra L.
C. flagellaris Ell. & Mart.
Piaropus crassipes Raf. = Eichhornia speciosa Kunth
Piaropus crassipes (Mart.) Britt. = Eichhornia speciosa Kunth
Pimpinella integerrima (L.) Gray = Taenidia integerrima (L.) Drude
Piscidia Erythrina L.
C. Ichthyomethiae Dearn. & Barth.
{Plantago lanceolata L.
Plantago lusitanica L.
Plantago major L.
C. Plantaginis Sacc.
Plantago Rugelii Decne.
C. Plantaginella Tehon
Platanus occidentalis L.
C. platanicola Ell. & Ev.
Pleiotaenia Nuttallii (DC.) Coult. & Rose = Polytaenia Nuttallii DC.
Podophyllum peltatum L.
C. Podophylli Tehon & Daniels
{Polygala cruciata L.
Polygala lutea L.[1]
C. grisea Cooke & Ell.
Polygonum spp.
C. Polygonacea Ell. & Ev.

[1] Saccardo (Syll. Fung. **4:** 434. 1886) lists this as a host for *Cercospora minuta* Cooke & Ell., with reference to Grev. **5:** 49. 1876. No such species is listed in that place, but instead is *C. grisea* Cooke & Ell. and only on *Polygala lutea* L. So far as can be determined, Cooke and Ell. never published a *C. minuta* and if regarded as distinct it should be referred to Sacc. for authorship.

Polygonum acre HBK.
C. Hydropiperis (Thuem.) Speg.
Polygonum aviculare L.
C. avicularis Wint.
{Polygonum Convolvulus L.
Polygonum dumetorum L.
C. Polygonacea Ell. & Ev.
Polygonum erectum L.
C. avicularis Wint.
{Polygonum Hydropiper L.
Polygonum pennsylvanicum L.
C. Hydropiperis (Thuem.) Speg.
Polygonum punctatum Ell. = P. acre HBK.
Polygonum sagittatum L.
C. avicularis Wint. var. *Sagittati* Atk.
Polygonum scandens L.
C. Polygonacea Ell. & Ev.
Polypodium Phyllitidis L.
C. Phyllitidis Hume
Polytaenia Nuttallii DC.
C. Polytaeniae Ell. & Ev.
Pontederia cordata L.
C. Pontederiae Ell. & Dearn.
Populus alba L.
C. Populina Ell. & Ev.
Populus angulata Ait. = P. deltoides Marsh
Populus deltoides Marsh
C. populicola Tharp
C. Populina Ell. & Ev.
C. reducta Syd.
Populus dilatata Ait.
C. Populina Ell. & Ev.
Populus monilifera Ait. = P. deltoides Marsh
Potentilla palustris (L.) Scop.
C. Comari Peck
Prenanthes alba L.
C. brunnea Peck
C. tabacina Ell. & Ev.
Prenanthes altissima L.
C. brunnea Peck
C. effusa (Berk. & Curt.) Ell.
{Prenanthes aspera Michx.
Prenanthes crepidinea Michx.
C. Prenanthis Ell. & Kell.
Prosopis glandulosa Torr.
C. Prosopidis Heald & Wolf
Prunus sp.
C. rosicola Pass.
Prunus americana Marsh
C. circumscissa Sacc.
C. prunicola Ell. & Ev.
Prunus armeniaca L.
C. circumscissa Sacc.
Prunus Avium L.
C. Cerasella Sacc.
C. circumscissa Sacc.
Prunus Cerasus L.
C. Cerasella Sacc.
C. rubrotincta Ell. & Ev.
Prunus communis Fritsch
C. circumscissa Sacc.
Prunus demissa D. Dietr. = P. virginiana L.
{Prunus domestica L.
Prunus pennsylvanica L.
C. circumscissa Sacc.
Prunus Persica (L.) Sieb. & Zucc.
C. circumscissa Sacc.
C. consobrina Ell. & Ev.
C. rubrotincta Ell. & Ev.
{Prunus serotina Ehrh.
Prunus spinosa L.
C. circumscissa Sacc.
Prunus virginiana L.
C. Cerasella Sacc.
C. circumscissa Sacc.
Psedera quinquefolia (L.) Greene
C. Ampelopsidis Peck
C. psedericola Tehon
Psoralea argophylla Pursh
C. latens Ell. & Ev.
Ptelea trifoliata L.
C. afflata Wint.
C. Pteleae Wint.
Ptiloria virgata (Benth.) Greene = Stephanomeria virgata Benth.
Punica Granatum L.
C. Lythracearum Heald & Wolf
Pyrus arbutifolia (L.) L. f.
C. Pyri Farlow
Pyrus communis L.
C. minima Tracy & Earle
C. Pyri Farlow

Pyrus japonica (Pers.) Thunb.
C. Cydoniae Ell. & Ev.
Pyrus Malus L.
C. Mali Ell. & Ev.
Pyrus melanocarpa (Michx.) Willd.
C. Pyri Farlow
Quercus chrysolepis Liebm.
C. macrochaeta Ell. & Ev.
Quercus virens Ait. = Q. virginiana Mill.
Quercus virginiana Mill.
C. polytricha Cooke
Radicula Armoracia (L.) Robins.
C. Armoraciae Sacc.
Radicula Nasturtium-aquaticum (L.) Britten & Rendle
Radicula palustris (L.) Moench
Radicula sylvestris (L.) Druce
C. Nasturtii Pass.
Rafinesquia californica Nutt.
C. Rafinesquiae Harkn.
Ranunculus repens L.
Ranunculus septentrionalis Poir.
C. Ranunculi Ell. & Holw.
Raphanus sativus L.
C. atrogrisea Ell. & Ev.
C. Cruciferarum Ell. & Ev.
Ratibida columnaris (Sims) Don = Lepachys columnaris (Sims) Torr. & Gray
Reseda odorata L.
C. Resedae Fckl.
Rhamnus sp.
C. aeruginosa Cooke
Rhamnus alnifolia L'Her.
Rhamnus cathartica L.
C. Rhamni Fckl.
Rheum Rhaponticum L.
C. Rhapontici Tehon & Daniels
Rhexia mariana L.
Rhexia virginica L.
C. erythrogena Atk.
Rhus aromatica Ait. = R. canadensis Marsh
Rhus canadensis Marsh
C. Rhuina Cooke & Ell.
Rhus copallina L.
C. Rhuina Cooke & Ell.
C. Rhuina Cooke & Ell. var. *nigromaculans* Peck
Rhus Cotinus L.
Rhus glabra L.
Rhus hirta (L.) Sudw.
Rhus pumila Michx.
C. Rhuina Cooke & Ell.
Rhus Toxicodendron L.
C. Bartholomaei Ell. & Kell.
C. Rhuina Cooke & Ell.
C. Toxicodendri Ell.
Rhus typhina L. = R. hirta (L.) Sudw.
Rhus venenata DC. = R. Vernix L.
Rhus Vernix L.
C. infuscans Ell. & Ev.
C. Rhuina Cooke & Ell.
Rhynchospora glomerata (L.) Vahl = R. glomerata (L.) Vahl
Ribes sp.
C. Ribis Earle
Ribes aureum Pursh
C. ribicola Ell. & Ev.
Ribes bracteosum Douglas
C. coalescens Davis
Ribes Grossularia L.
C. sp.—mentioned in U. S. D. A. Bull. 1366. 1926.
Ribes sanguineum Pursh
C. ribicola Ell. & Ev.
Ribes tenuiflorum Lindl. = R. aureum Pursh
Ribes vulgare Lam.
C. angulata Wint.
Richardia africana Kunth.
C. richardiaecola Atk.
Richardia scabra St. Hil.
C. Carveriana Sacc. & D. Sacc.
Richardsonia scabra St. Hil. = Richardia scabra St. Hil.
Ricinus communis L.
C. canescens Ell. & Mart.
C. Ricinella Sacc. & Berl.
Ridan alternifolius (L.) Britt. = Actinomeris alternifolia (L.) DC.
Rivina laevis L.
C. flagellaris Ell. & Mart.
Roripa Armoracia (L.) Hitchc. = Armoracia rusticana Gaertn., Mey. & Scherb.

Rosa spp.
C. rosicola Pass.
C. Rosigena Tharp
Rosa arkansana Porter
C. rosicola Pass.
Rosa blanda Ait.
C. rosicola Pass. var. *undosa* Davis
Rosa carolina L.
C. rosicola Pass.
Rosa humilis Marsh
C. rosicola Pass. var. *undosa* Davis
Rottlera japonica Spreng.
C. Malloti Ell. & Ev.
Rubus spp.
C. bliti Tharp
C. Rubi Sacc.
Rubus canadensis L.
C. septorioides Ell. & Ev.
C. Rubi Sacc.
Rubus cuneifolius Pursh
Rubus fructicosus L.
Rubus villosus Ait.
C. Rubi Sacc.
Rudbeckia hirta L.
C. tabacina Ell. & Ev.
Rudbeckia laciniata L.
C. Rudbeckiae Peck
C. tabacina Ell. & Ev.
Rudbeckia triloba L.
C. tabacina Ell. & Ev.
Ruellia ciliosa Pursh
Ruellia parviflora (Nees) Britt.
C. consociata Wint.
Rumex Acetosella L.
C. Acetosellae Ell.
Rumex crispus L.
C. Acetosellae Ell. var. *maculosa* Peck
Rynchospora glomerata (L.) Vahl
C. crinospora Atk.
Sabbatia angularis (L.) Pursh
C. Sabbatiae Ell. & Ev.
Saccharum officinarum L.
C. vaginae Kreuger
Sagittaria heterophylla Pursh
Sagittaria lancifolia L.
Sagittaria latifolia Willd.
C. Sagittariae Ell. & Kell.
Sagittaria variabilis Engelm. = S. latifolia Willd.
Salix spp.
Salix nigra Marsh
C. Salicina Ell. & Ev.
Salvia farinacea Benth.
C. salviicola Tharp
Sambucus spp.
C. lateritia Ell. & Halst.
Sambucus canadensis L.
C. catenospora Atk.
C. Depazeoides (Desm.) Sacc.
Sambucus nigra L.
Sambucus pubens Michx.
Sambucus racemosa L.
C. lateritia Ell. & Halst.
Sanguinaria canadensis L.
C. Sanguinariae Peck
Sanicula gregaria Bicknell
C. Saniculae Davis
Saururus cernuus L.
C. Saururi Ell. & Ev.
Schrankia uncinata Willd.
C. Morongiae Tracy & Earle
Scutellaria cordifolia Muhl. = S. versicolor Nutt.
Scutellaria versicolor Nutt.
C. Scutellariae Ell. & Ev.
Sechium edule (Jacq.) Sw.
C. Cucurbitae Ell. & Ev.
Sedum sp.
C. Sedi Ell. & Ev.
Selinum Gmelini Bray
C. Apii Fres. var. *Selini-Gmelini* Sacc. & Scalia
Senecio aureus L.
C. Senecionis Ell. & Ev.
Sepium sebiferum (L.) Roxb.
C. Stillingiae Ell. & Ev.
Sequoia gigantea DC.
C. Sequoiae Ell. & Ev.
Sesbania platycarpa Pers.
C. glotidiicola Tracy & Earle
Setaria glauca (L.) Beauv.
C. Setariae Atk.
C. setariicola Tehon & Daniels
C. striaeformis
Sicyos angulatus L.
C. Echinocystis Ell. & Mart.
Sida spinosa L.
C. sidaecola Ell. & Ev.

Sium cicutaefolium Schrank
C. Sii Ell. & Ev.

{Silphium compositum Michx.
Silphium integrifolium Michx.
C. Silphii Ell. & Ev.

Silphium laciniatum L.
C. Silphii Ell. & Ev. var. *laciniati* Tehon & Daniels

Sisymbrium officinale (L.) Scop.
C. Cruciferarum Ell. & Ev.
C. Nasturtii Pass.

Smilacina canadensis Pursh = Maianthemum canadense Desf.

Smilacina sessilifolia Nutt.
C. Smilacinae Ell. & Ev.

Smilax sp.
C. nubilosa Ell. & Ev. See note concerning *C. nubilosa.*

Smilax spp.
C. Smilacis Thuem.

{Smilax aspera L.
Smilax bona-nox L.
C. Smilacina Sacc.

Smilax glauca Walt.
C. Smilacina Sacc.
C. Smilacis Thuem.

Smilax hispida Muhl.
C. Smilacis Thuem.

Smilax laurifolia L.
C. Smilacina Sacc.

{Smilax rotundifolia L.
Smilax tamnifolia Michx.
C. Smilacis Thuem.

Soja max (L.) Moench = Glycine Max Merr.

Solanum carolinense L.
C. atromarginalis Atk.
C. carolinensis Tharp

Solanum Dulcamara L.
C. Dulcamarae (Peck) Ell.

Solanum nigrum L.
C. atromarginalis Atk.
C. nigri Tharp
C. rigospora Atk.

Solanum tuberosum L.
C. concors (Casp.) Sacc.
C. solanicola Atk.

{Solidago latifolia L.
Solidago serotina Ait.
C. stomatica Ell. & Davis

Sophronanthe pilosa (Michx.) Small = Gratiola pilosa Michx.

Sorghum halepensis (L.) Pers. = Holcus halepensis L.

Sorghum vulgare Pers. = Holcus Sorghum L.

Spathyema Foetida (L.) Raf. = Symplocarpus foetidus (L.) Nutt.

Spermacoce ocymoides Burm. = Borreria micrantha Torr. & Gray

Spinacia oleracea L.
C. beticola Sacc.
C. dubia (Riess) Wint.
C. flagelliformis Ell. & Halst.

Spiraea aruncus L.
C. sp.—Wisc. Acad. Trans. **15:** 779. 1907.

{Spiraea sp.
Spiraea salicifolia L.
C. Rubigo Cooke & Harkn.

Sporobolus asper (Michx.) Kunth
C. seriata Atk.

Stachys palustris L.
C. Stachydis Ell. & Ev.

Stephanomeria virgata Benth.
C. clavicarpa Ell. & Ev.

Stillingia sebifera Michx. = Sepium sebiferum (L.) Roxb.

Stizolobium Deeringianum Bort.
C. Mucunae Syd. U. S. D. A. Bull. 1366. 1926.
C. Stizolobii Syd. U. S. D. A. Bull. 1366. 1926.

Streptopus amplexifolius (L.) DC.
C. Streptopi Dearn. & Barth.

Stylisma humistrata (Walt.) Chapm. = Breweria humistrata (Walt.) Gray

Stylosanthes biflora (L.) BSP.
C. Commonsii Sacc.

Stylosanthes elatior Sw. = S. biflora (L.) BSP.

Symphoricarpos orbiculatus Moench
C. Symphoricarpi Ell. & Ev.

Symphoricarpos vulgaris Michx. = S. orbiculatus Moench

Symplocarpus foetidus (L.) Nutt.
C. Symplocarpi Peck
Syringa sp.
C. macromaculans Heald & Wolf
Syringa persica L.
C. lilacis (Desm.) Sacc.
Taenidia integerrima (L.) Drude
C. platyspora Ell. & Holw.
Tagetes patula L.
C. tageticola Ell. & Ev.
Tecoma radicans (L.) Juss. = Campsis radicans (L.) Seem.
Tephrosia hispidula (Michx.) Pers.
C. Tephrosiae Atk.
Tetranthera geniculata Nees = Litsea geniculata (Walt.) Nicholson
Teucrium canadense L.
C. ferruginea Fckl.
C. racemosa Ell. & Mart.
C. Teucrii Ell. & Kell.
Thalia dealbata Roscoe
C. Thaliae Ell. & Langl.
Thalictrum dasycarpum Fisch. & Lall.
Thalictrum dioicum L.
C. fingens Davis
Thermopsis "arenaria." Probably error for "arenosa" Nels.
C. Thermopsidis Earle
Tilia americana L.
Tilia cordata Mill.
C. microsora Sacc.
Tilia europaea L. = T. cordata Mill.
Tiniaria convolvulus (L.) Webb. & Mod. = Polygonum Convolvulus L.
Tiniaria dumetorum (L.) Opiz. = Polygonum dumetorum L.
Tithymalopsis corollata (L.) Kl. & Garcke = Euphorbia corollata L.
Toxylon pomiferum Raf. = Maclura pomifera (Raf.) Schneider
Tracaulon sagittatum (L.) Small = Polygonum sagittatum L.
Trachelospermum difforme (Walt.) Gray
C. repens Ell. & Ev.
Tragia nepetaefolia Cav.
C. euphorbiaecola Atk. var. *tragiae* Tharp
Tragopogon porrifolius L.
C. Tragopogonis Ell. & Ev.

Trifolium agrarium L.
Trifolium dubium Sibth.
Trifolium hybridum L.
C. zebrina Pass.
Trifolium incarnatum L.
C. Medicaginis Ell. & Ev.
Trifolium medium L.
C. zebrina Pass.
Trifolium pratense L.
C. Medicaginis Ell. & Ev.
C. zebrina Pass.
Trifolium repens L.
C. helvola Sacc.
C. zebrina Pass.
Tropaeolum majus L.
C. Tropaeoli Atk.
Uapaca sp.
C. inquinans Cooke
Ulmus spp.
C. sphaeriaeformis Cooke
Unifolium canadense (Desf.) Greene = Maianthemum canadense Desf.
Vagnera sessilifolia (Nutt.) Greene = *Smilacina sessilifolia* Nutt.
Verbascum Thapsus L.
C. verbascicola Ell. & Ev.
Verbena sp.
C. papillosa Atk.
Verbena caroliniana Michx.
C. septatissima Tracy & Earle
C. verbenicola Ell. & Ev.
Verbena stricta Vent.
C. Verbenae-strictae Peck
Verbena Xutha Lehm.
C. verbenicola Ell. & Ev.
Verbesina texana Buckl.
C. fulvella Heald & Wolf
Vernonia angustifolia Michx.
C. Vernoniae Ell. & Kell.
Vernonia Baldwini Torr.
C. oculata Ell. & Kell.
C. Vernoniae Ell. & Kell.
Vernonia fasciculata Michx.
C. Vernoniae Ell. & Kell.
Vernonia noveboracensis (L.) Willd.
C. noveboracensis Ell. & Ev.
C. Vernoniae Ell. & Kell.
Veronica scutellata L.
C. tortipes Davis

{Viburnum acerifolium L.
Viburnum cassanoides L.
Viburnum Lentago L.
Viburnum Opulus L.}
C. varia Peck

Viburnum plicatum
C. tinea Sacc., or less probably *C. varia* Peck.

Viburnum pubescens (Ait.) Pursh
C. varia Peck

{Vicia caroliniana Walt.
Vicia sativa L.}
C. Viciae Ell. & Holw.

Vigna Catjang Walp. = Vigna sinensis (L.) Endl.

Vigna luteola (Jacq.) Benth.
C. Vignae Ell. & Ev.

Vigna sinensis (L.) Endl.
C. canescens Ell. & Mart.
C. cruenta Sacc.
C. Dolichi Ell. & Ev.
C. Vignae Ell. & Ev.

Vigna unguiculata (L.) Walp. = Vigna sinensis (L.) Endl.

Vincetoxicum spp.
C. Bellynckii (Westd.) Sacc.

Vincetoxicum hirsutum (Michx.) Britt.
C. Vincetoxici Ell. & Ev.

{Viola blanda Willd.
Viola conspersa Reichenb.}
C. Violae Sacc.

Viola cucullata Ait.
C. granuliformis Ell. & Holw.
C. murina Ell. & Kell.
C. Violae Sacc.

{Viola obliqua, of recent authors, not Hill
Viola odorata L.}
C. Violae Sacc.

Viola sagittata Ait.
C. granuliformis Ell. & Holw.

Viola tricolor L.
C. Violae Sacc.

Viola villosa of recent authors = Viola hirsutula Brainerd

{Vitis sp.
Vitis cordifolia Michx.}
C. Vitis (Lév.) Sacc.

Vitis hederacea Ehrh.
C. psedericola Tehon
C. Ampelopsidis Peck

Vitis indivisa Willd. = Cissus Ampelopsis Pers.

Vitis labruscae L.
C. Vitis (Lév.) Sacc.

Vitis rotundifolia Michx.
C. brachypus Ell. & Ev.
C. Vitis (Lév.) Sacc.

Vitis vulpina L.
C. vulpinae Ell. & Kell.
C. Vitis (Lév.) Sacc.

Vitex Agnus-castus L.
C. Viticis Ell. & Ev.

Washingtonia longistylis (Torr.) Britt. = Osmorhiza longistylis (Torr.) DC.

Weigela sp. = Diervilla sp.

Xanthium spp.
C. xanthicola Heald & Wolf

Xanthoxylum "carolinense" (error for "carolinianum" Lam. ?) = Zanthoxylum Clava-Herculis L.

Xyris elata Chapm.
C. Xyridis Miles

{Yucca filamentosa L.
Yucca gloriosa L.}
C. concentrica Cooke & Ell.

Yucca rupicola Scheele
C. floricola Heald & Wolf

Zanthoxylum Clava-Herculis L.
C. Xanthoxyli Cooke

Zea Mays L.
C. Sorghi Ell. & Ev.
C. Zeae-Maydis Tehon & Daniels

Zinnia sp.
C. atricincta Heald & Wolf

Zinnia elegans Jacq.
C. atricincta Heald & Wolf
C. Zinniae Ell. & Mart.

{Zinnia multiflora L.
Zinnia pauciflora L.}
C. Zinniae Ell. & Mart.

{Zizia aurea (L.) Koch
Zizia cordata (Walt.) DC.}
C. Ziziae Ell. & Ev.

Zizia integerrima (L.) DC. = Taenidia integerrima (L.) Drude

Index of Species of Cercospora

1. *C. Absinthii* (Peck) Sacc. Syll. Fung. **4:** 444. 1886; N. Y. Mus. Rept. **30:** 54. 1878, as *Helminthosporium Absinthii* Peck; Wisc. Acad. Trans. **18:** 269. 1915.
2. *C. Abutilonis* Tehon & Daniels, Myc. **17:** 246. 1925.
3. *C. Acalyphae* Peck, N. Y. Mus. Rept. **34:** 48. 1881; Syll. Fung. **4:** 457. 1886; Jour. Myc. **1:** 20. 1885; Elisha Mitchell Sci. Soc. Jour. **8:** 46. 1892; N. J. Agr. Sta. Bull. 313: 128. 1917.
4. *C. Acalypharum* Tharp, Myc. **9:** 106. 1917.
5. *C. Acetosellae* Ell. Torr. Bot. Club Bull. **8:** 65. 1881; Syll. Fung. **4:** 454. 1886; Jour. Myc. **1:** 54. 1885.
6. *C. Acetosellae* Ell. var. *maculosa* Peck, N. Y. Mus. Rept. **40:** 64. 1887.
7. *C. Acnidae* Ell. & Ev. Acad. Phila. Proc. **1891:** 89. 1891; Syll. Fung. **10:** 637. 1892.
8. *C. adusta* Heald & Wolf, Myc. **3:** 14. 1911; B. P. I. Bull. 226: 77. 1912.
9. *C. aeruginosa* Cooke, Hedw. **17:** 39. 1878; Syll. Fung. **4:** 466. 1886; Jour. Myc. **1:** 39. 1885.
10. *C. Aesculina* Ell. & Kell. Jour. Myc. **9:** 105. 1903; Syll. Fung. **18:** 598. 1906.
11. *C. afflata* Wint. Hedw. **24:** 201. 1885; Syll. Fung. **4:** 465. 1886; Jour. Myc. **1:** 125. 1885.
12. *C. Ageratoides* Ell. & Ev. Jour. Myc. **5:** 71. 1889; Syll. Fung. **10:** 627. 1892; Wisc. Acad. Trans. **18:** 269. 1915; *l. c.* **19:** 675. 1919; N. J. Agr. Sta. Bull. 313: 128. 1917.
13. *C. Agrostidis* Atk. Elisha Mitchell Sci. Soc. Jour. **8:** 44. 1892; Syll. Fung. **10:** 656. 1892.
14. *C. alabamensis* Atk. Elisha Mitchell Sci. Soc. Jour. **8:** 51. 1892; Syll. Fung. **10:** 632. 1892.
15. *C. Alismatis* Ell. & Holw. Jour. Myc. **1:** 63. 1885; Syll. Fung. **4:** 478. 1886.
16. *C. Alternantherae* Ell. & Langl. Jour. Myc. **6:** 36. 1890; Syll. Fung. **10:** 637. 1892.
17. *C. Althaeina* Sacc. Michelia **1:** 269. 1878; Am. Nat. **16:** 810. 1882, as *C. malvicola* Ell. & Mart.; Syll. Fung. **4:** 440. 1886; Jour. Myc. **1:** 38. 1885; *l. c.* **4:** 28. 1888; *l. c.* **8:** 57. 1902; Elisha Mitchell Sci. Soc. Jour. **8:** 60. 1892; B. P. I. Bull. 226: 86. 1912; N. J. Agr. Sta. Bull. 313: 128. 1917.
18. *C. Althaeina* Sacc. var. *Modiolae* Atk. Elisha Mitchell Sci. Soc. Jour. **8:** 60. 1892.
19. *C. Althaeina* Sacc. var. *praecincta* Davis, Wisc. Acad. Trans. **18:** 260. 1915.
20. *C. Amaryllidis* Ell. & Ev. Jour. Myc. **3:** 14. 1887; Syll. Fung. **10:** 653. 1892.
21. *C. Ammanniae* Tharp, Myc. **9:** 107. 1917.
22. *C. Ampelopsidis* Peck, N. Y. Mus. Rept. **30:** 55. 1876; Grev. **12:** 30. 1883, as *C. pustula* Cooke; Syll. Fung. **4:** 459. 1886; Jour. Myc. **1:** 55. 1885, as *C. pustula* Cooke; Syll. Fung. **4:** 458. 1886, as *C. pustula* Cooke; B. P. I. Bull. 226: 80. 1912, as *C. pustula* Cooke; Myc. **16:** 140. 1924.
23. *C. Anethi* Sacc. Nuovo Giorn. Bot. Ital. **23:** 219. 1916.
24. *C. angulata* Wint. Hedw. **24:** 202. 1885; Syll. Fung. **4:** 459. 1886; Jour. Myc. **1:** 124. 1885.
25. *C. anomala* Ell. & Halst. Jour. Myc. **4:** 8. 1888; Syll. Fung. **10:** 628. 1892.

26. *C. anthelmintica* Atk. Elisha Mitchell Sci. Soc. Jour. **8**: 49. 1892; Syll. Fung. **10**: 636. 1892; N. J. Agr. Sta. Bull. 313: 128. 1917.
27. *C. antipus* Ell. & Holw. Jour. Myc. **1**: 5. 1885; Syll. Fung. **4**: 469. 1886; Jour. Myc. **1**: 20. 1885; Wisc. Acad. Trans. **17**: 894. 1914; *l. c.* **21**: 278. 1924; Myc. **16**: 125. 1924.
28. *C. Apii* Fres. Beitr. Myk. 91. 1863; Syll. Fung. **4**: 442. 1886; Jour. Myc. **1**: 36. 1885; N. J. Agr. Sta. Bull. 313: 130. 1917; N. J. Agr. Sta. Rept. **37**: 594. 1917; Mich. Agr. Sta. Tech. Bull. 63. 1923.
29. *C. Apii* Fres. var. *Angelicae* Sacc. & Scalia, Harriman Alaska Exped. **5**: 16. 1904; Syll. Fung. **18**: 602. 1906.
30. *C. Apii* Fres. var. *Selini-Gmelini* Sacc. & Scalia, Harriman Alaska Exped. **5**: 16. 1904; Syll. Fung. **18**: 602. 1906.
31. *C. Apiifoliae* Tharp, Myc. **9**: 107. 1917.
32. *C. Apocyni* Ell. & Kell. Torr. Bot. Club Bull. **11**: 121. 1884; Syll. Fung. **4**: 451. 1886; Jour. Myc. **1**: 62. 1885.
33. *C. Aquilegiae* Kell. & Sw. Jour. Myc. **5**: 74. 1889; Syll. Fung. **10**: 618. 1892.
34. *C. Arborescentis* Tehon & Daniels, Myc. **17**: 246. 1925.
35. *C. arboriae* Tharp, Myc. **9**: 108. 1917.
36. *C. Arcti-Ambrosiae* Halst. Torr. Bot. Club Bull. **20**: 25. 1893.
37. *C. Arctostaphyli* Davis, Wisc. Acad. Trans. **18**: 268. 1915.[1]
38. *C. Argythamniae* Dearn. & House, N. Y. Mus. Bull. 179: 33. 1915.
39. *C. Armoraciae* Sacc. Nuovo Giorn. Bot. Ital. **8**: 188. 1876; Syll. Fung. **4**: 433. 1886; Hedw. **16**: 123. 1877; N. J. Agr. Sta. Bull. 313: 130. 1917.
40. *C. Asclepiodorae* Ell. & Kell. Jour. Myc. **4**: 6, 29. 1888; Syll. Fung. **10**: 635. 1892.
41. *C. Asiminae* Ell. & Kell. Jour. Myc. **3**: 103. 1887; Syll. Fung. **10**: 638. 1892.
42. *C. Asparagi* Sacc. Michelia **1**: 88. 1877; Syll. Fung. **4**: 477. 1886; B. P. I. Bull. 226: 34. 1912.
43. *C. Asterata* Atk. Elisha Mitchell Sci. Soc. Jour. **8**: 50. 1892; Syll. Fung. **10**: 627. 1892.
44. *C. atra* Ell. & Ev. Jour. Myc. **4**: 4. 1888; Syll. Fung. **10**: 648. 1892.
45. *C. atricincta* Heald & Wolf, Myc. **3**: 14. 1911; B. P. I. Bull. 226: 89. 1912.
46. *C. atrogrisea* Ell. & Ev. Acad. Phila. Proc. **1893**: 464. 1893; Syll. Fung. **11**: 625. 1895.
47. *C. atromaculans* Ell. & Ev. Jour. Myc. **3**: 17. 1887; Syll. Fung. **10**: 644. 1892; Elisha Mitchell Sci. Soc. Jour. **8**: 56. 1892.
48. *C. atromarginalis* Atk. Elisha Mitchell Sci. Soc. Jour. **8**: 59. 1892; Syll. Fung. **10**: 635. 1892; B. P. I. Bull. 226: 96. 1912.
49. *C. aurantia* Heald & Wolf, Myc. **3**: 15. 1911; B. P. I. Bull. 226: 27. 1912.
50. *C. avicularis* Wint. Hedw. **24**: 202. 1885; Jour. Myc. **1**: 125. 1885; Syll. Fung. **4**: 455. 1886; Ind. Acad. Proc. **1921**: 146. 1922; Wisc. Acad. Trans. **16**: 758. 1909; **17**: 891. 1914.
51. *C. avicularis* Wint. var. *Sagittati* Atk. Elisha Mitchell Sci. Soc. Jour. **8**: 48. 1892.
52. *C. Baccharidis* Ell. & Ev. Acad. Phila. Proc. **1894**: 379. 1894; Syll. Fung. **11**: 627. 1895.

[1] In *l. c.* **21**: 253. 1924, Davis says "*Cercospora arctostaphyli* Davis (Trans. Wis. Acad. **18**: 268) seems to have been founded upon a misapprehension. There is no specimen in the University of Wisconsin herbarium and the characters ascribed are those of *Cercospora gaultheriae* E. & E. It should be stricken out."

53. *C. Bartholomaei* Ell. & Kell. Jour. Myc. **5:** 144. 1889; Syll. Fung. **10:** 639. 1892.
54. *C. Bellynckii* (Westd.) Sacc. Hedw. **15:** 1. 1876; Acad. Roy. Sci. Belgique Bull. **21²:** 240. 1854, as *Cladosporium Bellynckii* Westd.; Syll. Fung. **4:** 450. 1886; B. P. I. Bull. 226: 103. 1912.
55. *C. beticola* Sacc. Nuovo Giorn. Bot. Ital. **8:** 189. 1876; Syll. Fung. **4:** 456 1886; Jour. Myc. **1:** 20. 1885; Elisha Mitchell Sci. Soc. Jour. **8:** 46. 1892; B. P. I. Bull. 226: 38, 43. 1912; N. J. Agr. Sta. Bull. 313: 130. 1912; Phytopath. **8:** 135. 1918.
56. *C. Bidentis* Tharp, Myc. **9:** 108. 1917.
57. *C. biformis* Peck, Torr. Bot. Club Bull. **36:** 156. 1909; Syll. Fung. **22:** 1414. 1913.
58. *C. bliti* Tharp, Myc. **9:** 108. 1917; *l. c.* **16:** 139. 1924.
59. *C. Bloxami* Berk. & Br. Ann. Mag. Nat. Hist. V, **9:** 183. 1882; Syll. Fung. **4:** 433. 1886; B. P. I. Bull. 226: 38. 1912.
60. *C. Boehmeriae* Peck, N. Y. Mus. Rept. **34:** 48. 1881; Syll. Fung. **4:** 457. 1886; Jour. Myc. **1:** 37. 1885; Elisha Mitchell Sci. Soc. Jour. **8:** 54. 1892; Myc. **18:** 31. 1926.
61. *C. Bolleana* (Thuem.) Speg. Michelia **1:** 475. 1879; Oest. Bot. Zeitschr. **27:** 12. 1877, as *Septosporium Bolleanum* Thuem.; Syll. Fung. **4:** 475. 1886; Elisha Mitchell Sci. Soc. Jour. **8:** 61. 1892.
62. *C. Borreriae* Ell. & Ev. Acad. Phila. Proc. **1894:** 379. 1894; Syll. Fung. **11:** 627. 1895.
63. *C. brachiata* Ell. & Ev. Jour. Myc. **4:** 5. 1888; Syll. Fung. **10:** 637. 1892; B. P. I. Bull. 226: 99. 1912.
64. *C. brachypoda* Speg. Anal. Soc. Cient. Arg. **13:** 28. 1882; Syll. Fung. **4:** 441. 1886; U. S. D. A. Bull. 1366. 1926.
65. *C. brachypus* Ell. & Ev. Jour. Myc. **8:** 71. 1902; Syll. Fung. **18:** 598. 1906.
66. *C. Briareus* Ell. & Ev. Acad. Phila. Proc. **1894:** 381. 1894; Syll. Fung. **11:** 629. 1895.
67. *C. Brunkii* Ell. & Gall. Jour. Myc. **6:** 33. 1890; Syll. Fung. **10:** 620. 1892.
68. *C. brunnea* Peck, Torr. Bot. Club Bull. **36:** 156. 1909; Syll. Fung. **22:** 1427. 1913; Wisc. Acad. Trans. **21:** 289. 1924.
69. *C. caespitosa* Ell. & Ev. Acad. Phila. Proc. **1891:** 88. 1891; Syll. Fung. **10:** 657. 1892.
70. *C. Callae* Peck & Clint. N. Y. Mus. Rept. **29:** 52. 1878; Syll. Fung. **4:** 478. 1886; Jour. Myc. **1:** 22. 1885; *l. c.* **4:** 6. 1888; Wisc. Acad. Trans. **14:** 95. 1903; *l. c.* **20:** 400. 1922.
71. *C. Callicarpae* Cooke, Grev. **6:** 140. 1878; Syll. Fung. **4:** 470. 1886; Jour. Myc. **1:** 50. 1885; Iowa Acad. Proc. **7:** 162. 1899.
72. *C. Camptosori* Davis, Wisc. Acad. Trans. **18:** 267. 1915.
73. *C. canescens* Ell. & Mart. Am. Nat. **16:** 1003. 1882; Syll. Fung. **4:** 435. 1886; Jour. Myc. **1:** 21. 1885; Elisha Mitchell Sci. Soc. Jour. **8:** 48. 1892; Tuskegee Sta. Bull. **4:** 5. 1904; Jour. Myc. **8:** 73. 1902; N. J. Agr. Sta. Bull. 313: 132. 1917; B. P. I. Bull. 226: 37. 1912.
74. *C. capitati* Tharp, Myc. **9:** 108. 1917.
75. *C. capreolata* Ell. & Ev. Jour. Myc. **8:** 70. 1902; Syll. Fung. **18:** 604. 1906.
76. *C. Capsici* Heald & Wolf, Myc. **3:** 15. 1911; B. P. I. Bull. 226: 42. 1912.
77. *C. Caricina* Ell. & Dearn. Can. Inst. Proc. **1:** 91. 1897; Syll. Fung. **14:** 1105. 1899; Wisc. Acad. Trans. **14:** 96. 1903; *l. c.* **16:** 751. 1909; *l. c.* **17:** 890. 1914; *l. c.* **18:** 86, 100. 1915; *l. c.* **21:** 253, 294. 1924.

78. *C. Caricis* Dearn. & House, N. Y. Mus. Bull. 188: 29. 1916.
79. *C. carolinensis* Tharp, Myc. **9:** 109. 1917.
80. *C. Carveriana* Sacc. & D. Sacc. Syll. Fung. **18:** 607. 1906; Jour. Myc. **8:** 72. June 30, 1902, as *C. Richardsoniae* Ell. & Ev., not *C. Richardsoniae* P. Henn. Hedw. **41:** 117. June 23, 1902.
81. *C. Cassavae*[1] Ell. & Ev. Torr. Bot. Club Bull. **22:** 438. 1895; Syll. Fung. **14:** 1104. 1899.
82. *C. Catalpae* Wint. Hedw. **24:** 203. 1885; Syll. Fung. **4:** 470. 1886; Jour. Myc. **1:** 124. 1885; Tex. Agr. Sta. Bull. **9:** 24. 1890; B. P. I. Bull. 226: 62. 1912.
83. *C. catenospora* Atk. Elisha Mitchell Sci. Soc. Jour. **8:** 66. 1892; Syll. Fung. **10:** 645. 1892; B. P. I. Bull. 226: 65. 1912.
84. *C. caulicola* Wint. Hedw. **24:** 203. 1885; Syll. Fung. **4:** 477. 1886; Jour. Myc. **1:** 125. 1885.
85. *C. Caulophylli* Peck, N. Y. Mus. Rept. **33:** 30. 1880; Syll. Fung. **4:** 433. 1886; Jour. Myc. **1:** 39. 1885; *l. c.* **9:** 171. 1903.
86. *C. Ceanothi* Kell. & Sw. Jour. Myc. **4:** 94. 1888; Syll. Fung. **10:** 646. 1892.
87. *C. Cephalanthi* Ell. & Kell. Torr. Bot. Club Bull. **11:** 121. 1884; Syll. Fung. **4:** 466. 1886; *l. c.* **10:** 645. 1892; Jour. Myc. **1:** 22. 1885; *l. c.* **4:** 5. 1888; Elisha Mitchell Sci. Soc. Jour. **8:** 67. 1892.
88. *C. Cerasella* Sacc. Michelia **1:** 266. 1878; Syll. Fung. **4:** 460. 1886; Elisha Mitchell Sci. Soc. Jour. **8:** 41. 1892.
89. *C. cercidicola* Ell. Am. Nat. **16:** 810. 1882; Syll. Fung. **4:** 463. 1886; Jour. Myc. **1:** 36. 1885; Elisha Mitchell Sci. Soc. Jour. **8:** 42. 1892; B. P. I. Bull. 226: 77. 1912; N. J. Agr. Sta. Bull. 313: 132. 1917.
90. *C. cercidicola* Ell. var. *coremioides* Tehon, Myc. **16:** 140. 1924.
91. *C. Chamaecristae* Ell. & Kell. Jour. Myc. **4:** 7. 1888; Syll. Fung. **10:** 641. 1892.
92. *C. Chionanthi* Ell. & Ev. Field Mus. Bot. Ser. Rept. **1:** 94. 1896; Syll. Fung. **14:** 1103. 1899; N. J. Agr. Sta. Bull. 313: 132. 1917.
93. *C. Chrysanthemi* Heald & Wolf, Myc. **3:** 15. 1911; B. P. I. Bull. 226: 85. 1912.
94. *C. Chrysobalani* Ell. & Ev. Torr. Bot. Club Bull. **22:** 438. 1895; Syll. Fung. **14:** 1101. 1899.
95. *C. Cichorii* Davis, Wisc. Acad. Trans. **19:** 715. 1919.
96. *C. Cinchonae* Ell. & Ev. Jour. Myc. **3:** 17. 1887; Syll. Fung. **10:** 645. 1892.
97. *C. circumscissa* Sacc. Nuovo Giorn. Bot. Ital. **8:** 189. 1876; Hedw. **24:** 203. 1885, as *C. graphioides* Ell.; Syll. Fung. **4:** 460. 1886; Jour. Myc. **1:** 23. 1885; *l. c.* **7:** 66–77. 1892; N. J. Agr. Sta. Bull. 313: 134. 1917; Wisc. Acad. Trans. **19:** 694. 1919.
98. *C. Cirsii* Ell. & Ev. Acad. Phila. Proc. **1894:** 379. 1894; Syll. Fung. **11:** 628. 1895.
99. *C. Citrullina* Cooke, Grev. **12:** 31. 1883; Syll. Fung. **4:** 452. 1886; Jour. Myc. **1:** 20. 1885; B. P. I. Bull. 226: 45. 1912; N. J. Agr. Sta. Bull. 313: 132. 1917.

[1] E. W. Mason in 'Annotated Account of Fungi Received at the Imperial Bureau of Mycology,' Kew, Dec. 31, 1928, makes *C. Cassavae* Ell. & Ev. and *C. manihotis* P. Henn. synonyms of *C. Henningsii* Allesch.

100. *C. clavata* (Ger.) Peck, N. Y. Mus. Rept. **34:** 48. 1881; Torr. Bot. Club Bull. **5:** 27. 1874, as *Helminthosporium clavatum* Ger.; Syll. Fung. **4:** 451. 1886; Jour. Myc. **1:** 54. 1885; *l. c.* **4:** 28. 1888; Wisc. Acad. Trans. **9:** 166. 1893; *l. c.* **17:** 893. 1914; *l. c.* **20:** 416. 1922; *l. c.* **21:** 294. 1924; Myc. **7:** 41. 1915; N. J. Agr. Sta. Bull. 313: 134. 1917.
101. *C. clavicarpa* Ell. & Ev. Erythea **2:** 26. 1894; Syll. Fung. **11:** 628. 1895.
102. *C. Cleomis* Ell. & Halst. Jour. Myc. **6:** 34. 1890; Syll. Fung. **10:** 621. 1892.
103. *C. Clitoriae* Atk. Elisha Mitchell Sci. Soc. Jour. **8:** 62. 1892; Syll. Fung. **10:** 641. 1892; Iowa Acad. Proc. **7:** 162. 1899.
104. *C. coalescens* Davis, Wisc. Acad. Trans. **15:** 780. 1907.
105. *C. coffeicola* Berk. & Curt. Grev. **9:** 99. 1881; Syll. Fung. **4:** 472. 1886; Jour. Myc. **4:** 5. 1888; Syll. Fung. **10:** 645. 1892.
106. *C. Coleosanthi* Ell. & Ev. Torr. Bot. Club Bull. **24:** 474. 1897; Syll. Fung. **14:** 1102. 1899.
107. *C. Coleroides* Sacc. Jour. Myc. **12:** 252. 1906; Syll. Fung. **22:** 1416. 1913.
108. *C. columbiensis* Ell. & Ev. Jour. Myc. **3:** 15. 1887; Syll. Fung. **10:** 619. 1892.
109. *C. columnaris*[1] Ell. & Ev. Acad. Phila. Proc. **1894:** 380. 1894; Syll. Fung. **11:** 625. 1895.
110. *C. Comandrae* Ell. & Dearn. Acad. Phila. Proc. **1891:** 90. 1891; Syll. Fung. **10:** 637. 1892; Wisc. Acad. Trans. **18:** 267. 1915.
111. *C. Comari* Peck, N. Y. Mus. Rept. **38:** 101. 1885; Syll. Fung. **4:** 440. 1886; Jour. Myc. **1:** 63. 1885.
112. *C. Commonsii* Sacc. Syll. Fung. **10:** 623. 1892; Jour. Myc. **3:** 13. 1887, as *C. Stylosanthis* Ell. & Ev., not *C. Stylosanthis* Speg. Guar. **1:** 169. 1886.
113. *C. concentrica* Cooke & Ell. Grev. **5:** 90. 1877; *l. c.* **7:** 35. 1878, as *C. Yuccae* Cooke; Syll. Fung. **4:** 479. 1886; Jour. Myc. **1:** 23. 1885, as *C. Yuccae* Cooke.
114. *C. concors* (Casp.) Sacc. Syll. Fung. **4:** 449. 1886; K. Akad. Wiss. Berlin Monatsber. **1855:** 314. 1855, as *Fusisporium concors* Casp.
115. *C. condensata* Ell. & Kell. Jour. Myc. **1:** 2. 1885; Syll. Fung. **4:** 438, 462. 1886; Jour. Myc. **2:** 2. 1886; Wisc. Acad. Trans. **18:** 267. 1915.
116. *C. confluens* Lieneman, nom. nov.
(*C. Crataegi* Heald & Wolf, Myc. **3:** 16. 1911, not *C. Crataegi* Sacc. & Massal. Ann. Myc. **3:** 515. 1905; B. P. I. Bull. 226: 70. 1912.)
117. *C. consobrina* Ell. & Ev. Jour. Myc. **3:** 19. 1887; Syll. Fung. **10:** 643. 1892.
118. *C. consociata* Wint. Hedw. **22:** 70. 1883; Syll. Fung. **4:** 470. 1886; Jour. Myc. **1:** 53. 1885; Ala. Agr. Sta. Bull. 80: 144. 1897; Iowa Acad. Proc. **7:** 163. 1899.
119. *C. conspicua* Earle, N. Y. Bot. Gard. Bull. **3:** 312. 1905; Syll. Fung. **18:** 596. 1906.
120. *C. Convolvuli* Tracy & Earle, Torr. Bot. Club Bull. **28:** 187. 1901; Syll. Fung. **18:** 605. 1906.
121. *C. Corni* Davis, Wisc. Acad. Trans. **18:** 268. 1915; *l. c.* **19:** 675. 1919.
122. *C. cornicola* Tracy & Earle, Torr. Bot. Club Bull. **23:** 205. 1896; Syll. Fung. **14:** 1101. 1899; B. P. I. Bull. 226: 65. 1912.
123. *C. crassa* Sacc. Michelia **1:** 88. 1877; Syll. Fung. **4:** 448. 1886; Wisc. Acad. Trans. **19:** 689. 1919, as *Alternaria crassa* (Sacc.) Rands.

[1] Dr. L. O. Overholts, in an article now in manuscript, shows *C. columnaris* Ell. and Ev. to be synonymous with *Isariopsis griseola* Sacc.

124. *C. crassoides* Davis, Wisc. Acad. Trans. **21**: 298. 1924.
125. *C. crinospora* Atk. Elisha Mitchell Sci. Soc. Jour. 8: 58. 1892; Syll. Fung. **10**: 655. 1892.
126. *C. crotonicola* Ell. & Barth. Jour. Myc. **8**: 177. 1902; Syll. Fung. **18**: 602. 1906.
127. *C. crotonifolia* Cooke, Grev. **12**: 31. 1883; Syll. Fung. **4**: 473. 1886; Jour. Myc. **1**: 21. 1885.
128. *C. Crotonis* Ell. & Ev. Acad. Phila. Proc. **1893**: 170. 1893; Syll. Fung. **11**: 629. 1895.
129. *C. Cruciferarum* Ell. & Ev. Jour. Myc. **3**: 17. 1887; Syll. Fung. **10**: 619. 1892.
130. *C. cruenta* Sacc. Michelia **2**: 149. 1880; Syll. Fung. **4**: 435. 1886; Jour. Myc. **2**: 1. 1886; Elisha Mitchell Sci. Soc. Jour. **8**: 56. 1892; B. P. I. Bull. 226: 49. 1912; N. J. Agr. Sta. Bull. 313: 134. 1917.
131. *C. Cucurbitae* Ell. & Ev. Jour. Myc. **4**: 3. 1888; Syll. Fung. **10**: 634. 1892; Jour. Myc. **4**: 28. 1888; Elisha Mitchell Sci. Soc. Jour. **8**: 45. 1892; B. P. I. Bull. 226: 43, 105. 1912.
132. *C. Cydoniae* Ell. & Ev. Jour. Myc. **8**: 72. 1902; Syll. Fung. **18**: 601. 1906.
133. *C. Cypripedii* Ell. & Dearn. Can. Inst. Trans. **6**: 637. 1899; Syll. Fung. **16**: 1073. 1902; Wisc. Acad. Trans. **16**: 758. 1909; *l. c.* **17**: 891. 1914.
134. *C. Daleae* Ell. & Kell. Jour. Myc. **4**: 6. 1888; Syll. Fung. **10**: 622. 1892.
135. *C. Daturae* Peck, N. Y. Mus. Rept. **35**: 140. 1884; Syll. Fung. **4**: 449. 1886; Jour. Myc. **1**: 62. 1885; Wisc. Acad. Trans. **19**: 689. 1919.
136. *C. Davisii* Ell. & Ev. Acad. Phila. Proc. **1891**: 89. 1891; Syll. Fung. **10**: 622. 1892; Elisha Mitchell Sci. Soc. Jour. **8**: 60. 1892; Myc. **1**: 268. 1909; Wisc. Acad. Trans. **9**: 166. 1893; *l. c.* **21**: 275. 1924.
137. *C. Decodontis* Tehon & Daniels, Myc. **17**: 246. 1925.
138. *C. Decumariae* Tracy & Earle, Torr. Bot. Club Bull. **26**: 495. 1899; Syll. Fung. **16**: 1067. 1902.
139. *C. Demetrioniana* Wint. Hedw. **23**: 170. 1884; Syll. Fung. **4**: 439. 1886; Jour. Myc. **1**: 34. 1885.
140. *C. Depazeoides* (Desm.) Sacc. Nuovo Giorn. Bot. Ital. **8**: 187. 1876; Am. Nat. **17**: 1166. 1883, as *C. Sambucina* Ell. & Kell.; Ann. Sci. Nat. Bot. III, **11**: 364. 1849, as *Exosporium Depazeoides* Desm.; Syll. Fung. **4**: 469. 1886; Jour. Myc. **1**: 34. 1885; Elisha Mitchell Sci. Soc. Jour. **8**: 61. 1892; Wisc. Acad. Trans. **19**: 688. 1919; Ind. Acad. Proc. **1921**: 146. 1922.
141. *C. Desmanthi* Ell. & Kell. Jour. Myc. **3**: 14. 1887; *l. c.* **1**: 2. 1885, as *C. condensata* var. *Desmanthi* Ell. & Kell.; Syll. Fung. **4**: 462. 1886, as *C. condensata* var. *Desmanthi* Ell. & Kell.; *l. c.* **10**: 641. 1892.
142. *C. Desmodii* Ell. & Kell. Torr. Bot. Club Bull. **11**: 121. 1884; Syll. Fung. **4**: 439. 1886; Jour. Myc. **1**: 50. 1885; Hedw. **24**: 204. 1885; Elisha Mitchell Sci. Soc. Jour. **8**: 53. 1892.
143. *C. destructiva* Rav. in Ell. & Ev. Jour. Myc. **3**: 13. 1887; Syll. Fung. **10**: 642. 1892.
144. *C. Deutziae* Ell. & Ev. Jour. Myc. **4**: 5. 1888; Syll. Fung. **10**: 642. 1892.
145. *C. Diantherae* Ell. & Kell. Jour. Myc. **1**: 2, 19. 1885; Syll. Fung. **4**: 448. 1886; B. P. I. Bull. 226: 104. 1912.
146. *C. didymospora* Ell. & Barth. Erythea **4**: 28. 1896; Syll. Fung. **14**: 1100. 1899.

147. *C. Diervillae* Ell. & Ev. Univ. Maine Studies **3**: 22. 1902; Syll. Fung. **18**: 605. 1906.
148. *C. diffusa* Ell. & Ev. Jour. Myc. **4**: 3. 1888; Syll. Fung. **10**: 635. 1892; Wisc. Acad. Trans. **21**: 278. 1924.
149. *C. Diodiae* Cooke, Grev. **7**: 34. 1878; Syll. Fung. **4**: 441. 1886; Michelia **2**: 148. 1880; Jour. Myc. **1**: 35. 1885; Elisha Mitchell Sci. Soc. Jour. **8**: 44. 1892; N. J. Agr. Sta. Bull. 313: 134. 1917.
150. *C. Diodiae-virginianae* Atk. Elisha Mitchell Sci. Soc. Jour. **8**: 58. 1892; Syll. Fung. **10**: 645. 1892.
151. *C. Dioscoreae* Ell. & Mart. Am. Nat. **16**: 1003. 1882; Syll. Fung. **4**: 479. 1886; Jour. Myc. **1**: 54. 1885.
152. *C. Diospyri* Thuem. Myc. Univ. 1273. 1879[1]; Syll. Fung. **4**: 467. 1886; Grev. **12**: 31. 1883; Jour. Myc. **1**: 51. 1885.
153. *C. Diospyri* Thuem. var. *ferruginosa* Atk. Elisha Mitchell Sci. Soc. Jour. **8**: 63. 1892.
154. *C. dispersa* Ell. & Ev. Jour. Myc. **4**: 115. 1888; Syll. Fung. **10**: 652. 1892.
155. *C. ditissima* Ell. & Ev. Acad. Phila. Proc. **1893**: 171. 1893; Syll. Fung. **11**: 628. 1895.
156. *C. Dolichi* Ell. & Ev. Jour. Myc. **5**: 71. 1889; Syll. Fung. **10**: 622. 1892; Elisha Mitchell Sci. Soc. Jour. **8**: 62. 1892; N. J. Agr. Sta. Bull. 313: 134. 1917.
157. *C. dubia* (Riess) Wint. Hedw. **22**: 10. 1883; *l. c.* **1**: *t.4 , f. 9.* 1854, as *Ramularia dubia* Riess, not Speg.; Syll. Fung. **4**: 456. 1886; Beitr. Myk. 92. 1863, as *C. Chenopodii* Fres.; Michelia **2**: 364. 1881; Jour. Myc. **1**: 19. 1885; N. J. Agr. Sta. Bull. 313: 134. 1917; Wisc. Acad. Trans. **17**: 890. 1914.
158. *C. Dulcamarae* (Peck) Ell. Jour. Myc. **1**: 55. 1885; N. Y. Mus. Rept. **33**: 30. 1880, as *Ramularia Dulcamarae* Peck; Syll. Fung. **4**: 449. 1886.
159. *C. duplicata* Ell. & Ev. Jour. Myc. **5**: 70. 1889; Syll. Fung. **10**: 648. 1892.
160. *C. Echinochloae* Davis, Wisc. Acad. Trans. **18**: 106. 1915.
161. *C. Echinocystis* Ell. & Mart. Am. Nat. **16**: 1003. 1882; Syll. Fung. **4**: 452. 1886; Jour. Myc. **1**: 40. 1885; Wisc. Acad. Trans. **15**: 268. 1915; Myc. **16**: 138. 1924.
162. *C. effusa* (Berk. & Curt.) Ell. Jour. Myc. **1**: 53. 1885; Grev. **3**: 106. 1875, as *Cladosporium effusum* Berk. & Curt.; Syll. Fung. **4**: 447. 1886; Elisha Mitchell Sci. Soc. Jour. **8**: 62. 1892.
163. *C. Elaeagni* Heald & Wolf, Myc. **3**: 16. 1911; B. P. I. Bull. 226: 75. 1912.
164. *C. elaeochroma* Sacc. Nuovo Giorn. Bot. Ital. **23**: 220. 1916.
165. *C. Elephantopodis* Ell. & Ev. Jour. Myc. **3**: 15. 1887; Syll. Fung. **10**: 626. 1892; Elisha Mitchell Sci. Soc. Jour. **8**: 55. 1892; Iowa Acad. Proc. **7**: 163. 1899.
166. *C. Ellisii* Sacc. & Syd. Syll. Fung. **14**: 1103. 1899; Erythea **5**: 5. 1897, as *C. Hyptidis* Ell. & Ev., not Speg.
167. *C. elongata* Peck, N. Y. Mus. Rept. **33**: 29. 1880; Syll. Fung. **4**: 442. 1886; Syll. Fung. **10**: 629. 1892; Jour. Myc. **1**: 38. 1885; *l. c.* **8**: 121. 1902.

[1] There is no indication in the copy of 'Mycotheca Universalis' at the Missouri Botanical Garden that the present label designating this species as *Cercospora* is an emended label substituted for one designating it as *Helminthosporium*, as would be inferred from 'Sylloge Fungorum' and 'Grevillea.'

168. *C. Epigaeae* Ell. & Dearn. Can. Inst. Trans. **6**: 637. 1899; Syll. Fung. **16**: 1071. 1902.
169. *C. Epigaeina*[1] Davis, Wisc. Acad. Trans. **16**: 758. 1909; Syll. Fung. **22**: 1425. 1913.
170. *C. Epilobii* Schn. Michelia **2**: 642. 1882; Syll. Fung. **4**: 453. 1886; Jour. Myc. **1**: 51. 1885.
171. *C. Erechthitis* Atk. Elisha Mitchell Sci. Soc. Jour. **8**: 66. 1892; Syll. Fung. **10**: 629. 1892.
172. *C. Eriogoni* Ell. & Ev. Erythea **5**: 6. 1897; Syll. Fung. **14**: 1105. 1899.
173. *C. Erysimi* Davis, Wisc. Acad. Trans. **18**: 267. 1915.
174. *C. Erythrinae* Ell. & Ev. Jour. Myc. **3**: 18. 1887; Syll. Fung. **10**: 640. 1892.
175. *C. erythrinicola* Tharp, Myc. **9**: 109. 1917.
176. *C. erythrogena* Atk. Elisha Mitchell Sci. Soc. Jour. **8**: 65. 1892; Syll. Fung. **10**: 644. 1892.
177. *C. Euonymi* Ell. Am. Nat. **16**: 810. 1882; Syll. Fung. **4**: 466. 1886; Jour. Myc. **1**: 19. 1885; Wisc. Acad. Trans. **21**: 262. 1924.
178. *C. Eupatorii* Peck, N. Y. Mus. Rept. **33**: 29. 1880; Syll. Fung. **4**: 444. 1886; Jour. Myc. **1**: 35. 1885; Iowa Acad. Proc. **7**: 163. 1899.
179. *C. Euphorbiae* Kell. & Sw. Jour. Myc. **5**: 76. 1889, not *C. Euphorbiae* Pat. Soc. Myc. Fr. Bull. **9**: 160. 1893.
180. *C. euphorbiaecola* Atk. Cornell Univ. Bull. **3**[1]: 41. 1897; Syll. Fung. **14**: 1104. 1899.
181. *C. euphorbiaecola* Atk. var. *tragiae* Tharp, Myc. **9**: 109. 1917.
182. *C. Eustomae* Peck, N. Y. Mus. Bull. 157: 45, 107. 1912.
183. *C. exotica* Ell. & Ev. Acad. Phila. Proc. **1893**: 463. 1893; Syll. Fung. **11**: 625. 1895.
184. *C. ferruginea* Fckl. Beitr. Myk. 93. 1863; Syll. Fung. **4**: 444. 1886; Symb. Myc. 354. 1869–70; Jour. Myc. **2**: 1. 1886; *l. c.* **5**: 143. 1889.
185. *C. Fici* Heald & Wolf, Myc. **3**: 16. 1911; B. P. I. Bull. 226: 26. 1912.
186. *C. Ficina* Tharp, Myc. **9**: 109. 1917.
187. *C. filispora* Peck, Jour. Myc. **1**: 36. 1885; Syll. Fung. **4**: 436. 1886.
188. *C. fingens* Davis, Wisc. Acad. Trans. **18**: 92. 1915.
189. *C. flagellaris* Ell. & Mart. Am. Nat. **16**: 1003. 1882; Syll. Fung. **4**: 453. 1886; Jour. Myc. **1**: 18. 1885; Elisha Mitchell Sci. Soc. Jour. **8**: 46. 1892; B. P. I. Bull. 226: 99, 101. 1912.
190. *C. flagellifera* Atk. Elisha Mitchell Sci. Soc. Jour. **8**: 51. 1892; Syll. Fung. **10**: 622. 1892; Wisc. Acad. Trans. **20**: 429. 1922; *l. c.* **21**: 258. 1924.
191. *C. flagelliformis* Ell. & Halst. N. J. Agr. Sta. Rept. **11**: 355. 1890, nomen nudum; U. S. D. A. Bull. 1366. 1926.
192. *C. flexuosa* Tracy & Earle, Torr. Bot. Club Bull. **22**: 178. 1895; Syll. Fung. **14**: 1101. 1899.
193. *C. floricola* Heald & Wolf, Myc. **3**: 17. 1911; B. P. I. Bull. 226: 106. 1912.
194. *C. Fraxinea* Ell. & Ev. Jour. Myc. **4**: 4. 1888; Syll. Fung. **10**: 646. 1892.
195. *C. Fraxinites* Ell. & Ev. Jour. Myc. **3**: 20. 1887; Syll. Fung. **10**: 647. 1892; B. P. I. Bull. 226: 57. 1912.
196. *C. fuliginosa* Ell. & Kell. Jour. Myc. **3**: 103. 1887, as *C. fuligniosa;* Syll. Fung. **10**: 648. 1892; B. P. I. Bull. 226: 30. 1912.

[1] J. J. Davis in Wisc. Acad. Trans. **21**: 275. 1924, says: " . . . evidently not distinct from *C. Epigaeae* Ell. & Dearn. which is the older name."

197. *C. fulvella* Heald & Wolf, Myc. **3**: 17. 1911; B. P. I. Bull. 226: 93. 1912.
198. *C. fuscovirens* Sacc. Michelia **2**: 149. 1880; Syll. Fung. **4**: 452. 1886; Jour. Myc. **1**: 53. 1885; *l. c.* **5**: 72. 1889; Elisha Mitchell Sci. Soc. Jour. **8**: 63. 1892.
199. *C. fusimaculans* Atk. Elisha Mitchell Sci. Soc. Jour. **8**: 50. 1892; Syll. Fung. **10**: 655. 1892; Myc. **14**: 198. 1922.
200. *C. Galactiae* Ell. & Ev. Torr. Bot. Club Bull. **22**: 438. 1895; Syll. Fung. **14**: 1100. 1899.
201. *C. Galii* Ell. & Holw. Jour. Myc. **1**: 5. 1885; Syll. Fung. **4**: 441. 1886; Jour. Myc. **1**: 39. 1885; *l. c.* **3**: 16. 1887; Elisha Mitchell Sci. Soc. Jour. **8**: 53. 1892; Wisc. Acad. Trans. **17**: 894. 1914; *l. c.* **20**: 405. 1922; *l. c.* **21.** 289. 1924.
202. *C. Garryae* Harkn. Calif. Acad. Bull. **1**: 38. 1884; Syll. Fung. **4**: 474. 1886; Jour. Myc. **1**: 39. 1885.
203. *C. Gaultheriae* Ell. & Ev. Jour. Myc. **2**: 2. 1886; Syll. Fung. **4**: 472. 1886.
204. *C. Gaurae* Kell. & Sw. Jour. Myc. **5**: 75. 1889; Syll. Fung. **10**: 625. 1892.
205. *C. Gayophyti* Ell. & Ev. Torr. Bot. Club Bull. **24**: 474. 1897; Syll. Fung. **14**: 1100. 1899.
206. *C. Gentianae* Peck, N. Y. Mus. Rept. **41**: 80. 1888; Syll. Fung. **10**: 634. 1892.
207. *C. gentianicola* Ell. & Ev. Jour. Myc. **4**: 2. 1888; Syll. Fung. **10**: 633. 1892; Wisc. Acad. Trans. **19**: 688. 1919.
208. *C. Geranii* Kell. & Sw. Jour. Myc. **5**: 74. 1889; Syll. Fung. **10**: 621. 1892; Wisc. Acad. Trans. **11**: 171. 1897; *l. c.* **17**: 892. 1914.
209. *C. Gerardiae* Ell. & Dearn. Can. Rec. Sci. **5**: 271. 1893; Syll. Fung. **11**: 628. 1895; Wisc. Acad. Trans. **14**: 96. 1903; *l. c.* **17**: 894. 1914.
210. *C. glandulosa* Ell. & Kell. Jour. Myc. **1**: 3. 1885; Syll. Fung. **4**: 467. 1886; Jour. Myc. **4**: 28. 1888; B. P. I. Bull. 226: 79. 1912.
211. *C. glomerata* Harkn. Calif. Acad. Bull. **3**: 164. 1885; Syll. Fung. **4**: 472. 1886; Jour. Myc. **1**: 106. 1885.
212. *C. glotidiicola* Tracy & Earle, Torr. Bot. Club Bull. **23**: 206. 1896; Syll. Fung. **14**: 1100. 1899.
213. *C. Gnaphaliacea* Cooke, N. Y. Acad. Ann. **1**: 182. 1878; Syll. Fung. **4**: 444. 1886; Linn. Soc. Bot. Jour. **17**: 142. 1880; Jour. Myc. **2**: 1. 1886; Torr. Bot. Club Bull. **25**: 366. 1898; Wisc. Acad. Trans. **14**: 96. 1903; *l. c.* **17**: 894. 1914.
214. *C. Gnaphalii* Harkn. Calif. Acad. Bull. **1**: 38. 1884; Syll. Fung. **4**: 444. 1886; Jour. Myc. **1**: 49. 1885.
215. *C. Gossypina* Cooke, Grev. **12**: 31. 1883; Syll. Fung. **4**: 441. 1886; Jour. Myc. **1**: 49. 1885; Elisha Mitchell Sci. Soc. Jour. **8**: 66. 1892; B. P. I. Bull. 226: 55. 1912.
216. *C. graminicola* Tracy & Earle, Torr. Bot. Club Bull. **22**: 179. 1895; Syll. Fung. **14**: 1106. 1899.
217. *C. granuliformis* Ell. & Holw. Jour. Myc. **1**: 6. 1885; Syll. Fung. **4**: 434. 1886; Jour. Myc. **1**: 40. 1885; N. J. Agr. Sta. Bull. 313: 136. 1917; Ind. Acad. Proc. **1921**: 147. 1922; Wisc. Acad. Trans. **21**: 294. 1924.
218. *C. Gratiolae* Ell. & Ev. Jour. Myc. **8**: 71. 1902; Syll. Fung. **18**: 604. 1906.
219. *C. Grindeliae* Ell. & Ev. Acad. Phila. Proc. **1895**: 439. 1896; Syll. Fung. **14**: 1101. 1899; Wisc. Acad. Trans. **18**: 269. 1915.

220. *C. grisea* Cooke & Ell. Grev. **5**: 49. 1876; Syll. Fung. **4**: 434. 1886, as *C. minuta* Cooke & Ell., probably an error for *C. grisea* Cooke & Ell.; Grev. **6**: 89. 1878; Jour. Myc. **1**: 53. 1885.
221. *C. grisella* Peck, N. Y. Mus. Rept. **33**: 29. 1880; Syll. Fung. **4**: 443. 1886; Jour. Myc. **1**: 62. 1885.
222. *C. guttulata* Ell. & Kell. Jour. Myc. **9**: 105. 1903; Syll. Fung. **18**: 608. 1906.
223. *C. Gymnocladi* Ell. & Kell. Torr. Bot. Club Bull. **11**: 121. 1884; Syll. Fung. **4**: 464. 1886; Jour. Myc. **1**: 23. 1885.
224. *C. Halstedii* Ell. & Ev. Acad. Phila. Proc. **1891**: 90. 1891; Syll. Fung. **10**: 651. 1892.
225. *C. Hanseni* Ell. & Ev. Erythea **1**: 147. 1893; Syll. Fung. **11**: 629. 1895.
226. *C. Helenii* Tharp, Myc. **9**: 110. 1917.
227. *C. Helianthi* Ell. & Ev. Jour. Myc. **3**: 20. 1887; Syll. Fung. **10**: 628. 1892; Jour. Myc. **4**: 6, 28. 1888; *l. c.* **10**: 56. 1904; Wisc. Acad. Trans. **20**: 422. 1922.
228. *C. Heliotropii* Ell. & Ev. Jour. Myc. **4**: 5. 1888; Syll. Fung. **10**: 630. 1892.
229. *C. helvola* Sacc. Michelia **2**: 556. 1882; Syll. Fung. **4**: 437. 1886; Jour. Myc. **4**: 7. 1888.
230. *C. helvola* Sacc. var. *Medicaginis*[1] Chester, according to Jour. Myc. **6**: 81. 1890.
231. *C. Hemerocallis* Tehon, Myc. **16**: 139. 1924.
232. *C. Herrerana* Farneti, Bot. Univ. Pavia Atti, II, **9**: 37. 1904; Syll. Fung. **18**: 606. 1906.
233. *C. Heteromeles* Harkn. Calif. Acad. Bull. **1**: 38. 1884; Syll. Fung. **4**: 461. 1886; Jour. Myc. **1**: 24. 1885.
234. *C. heterospora* Ell. & Ev. Torr. Bot. Club Bull. **25**: 512. 1898; Syll. Fung. **16**: 1072. 1902.
235. *C. Heucherae* Ell. & Mart. Am. Nat. **18**: 189. 1884; Syll. Fung. **4**: 453. 1886; Jour. Myc. **1**: 34. 1885.
236. *C. Hibisci* Tracy & Earle, Torr. Bot. Club Bull. **22**: 179. 1895; Syll. Fung. **14**: 1099. 1899.
237. *C. Hibiscina* Ell. & Ev. Acad. Phila. Proc. **1895**: 438. 1896; Syll. Fung. **14**: 1099. 1899.
238. *C. Hieracii* Ell. & Ev. Jour. Myc. **8**: 70. 1902; Syll. Fung. **18**: 607. 1906.
239. *C. Houstoniae* Ell. & Ev. Acad. Phila. Proc. **1891**: 89. 1891; Syll. Fung. **10**: 634. 1892.
240. *C. Hydrangeae* Ell. & Ev. in Atk. Elisha Mitchell Sci. Soc. Jour. **8**: 52. 1892; Syll. Fung. **18**: 602. 1906; Jour. Myc. **8**: 71. 1902.
241. *C. Hydrangeana* Tharp, Myc. **9**: 110. 1917.
242. *C. Hydrocotyles* Ell. & Ev. Jour. Myc. **3**: 16. 1887; Syll. Fung. **10**: 624. 1892; Elisha Mitchell Sci. Soc. Jour. **8**: 55. 1892; Iowa Acad. Proc. **7**: 164. 1899; B. P. I. Bull. 226: 96. 1912.
243. *C. Hydropiperis* (Thuem.) Speg. Soc. Cien. Argent. Anal. **1**: 191. 1867;[2] Myc. Univ. 1087, as *Helminthosporium Hydropiperis* Thuem.; Syll. Fung. **4**: 455. 1886; Hedw. **17**: 39. 1878, as *C. polygonorum* Cooke; Jour. Myc. **1**: 52. 1885, as *C. polygonorum* Cooke; *l. c.* **8**: 58. 1902; Myc. **8**: 43. 1916.

[1] Delaware Agr. Sta. Rept. **2**: 94–97. 1890, which is given as the original citation, does not appear to contain the description.

[2] It has been impossible to verify this citation.

244. *C. Hyperici* Tehon & Daniels, Myc. **19**: 127. 1927.
245. *C. Ichthyomethiae* Dearn. & Barth. Myc. **16**: 175. 1924.
246. *C. ilicicola* Lieneman, nom. nov.
(*C. Ilicis* Maublanc, Algunos fungos do Brazil [other data unknown], not *C. Ilicis* Ell. Torr. Bot. Club Bull. **8**: 65. 1881; Myc. **9**: 110. 1917.)
247. *C. Ilicis* Ell. Torr. Bot. Club Bull. **8**: 65. 1881; Syll. Fung. **4**: 467. 1886; Jour. Myc. **1**: 24. 1885; N. J. Agr. Sta. Bull. 313: 136. 1917.
248. *C. illinoensis* Barth. Fungi Columb. 2611. 1908; Syll. Fung. **22**: 1428. 1913.
249. *C. incarnata* Ell. & Ev. Torr. Bot. Club Bull. **24**: 474. 1897; Syll. Fung. **14**: 1103. 1899.
250. *C. infuscans* Ell. & Ev. Acad. Phila. Proc. **1891**: 90. 1891; Syll. Fung. **10**: 639. 1892.
251. *C. inquinans* Cooke, Grev. **7**: 12. 1878; Syll. Fung. **4**: 465. 1886; Jour. Myc. **1**: 36. 1885.
252. *C. Ipomoeae* Wint. Hedw. **26**: 34. 1887; Syll. Fung. **10**: 633. 1892; Jour. Myc. **4**: 7. 1888.
253. *C. Isanthi* Ell. & Kell. Torr. Bot. Club Bull. **11**: 115. 1884; Syll. Fung. **4**: 447. 1886; Jour. Myc. **1**: 21. 1885.
254. *C. Jatrophae* Atk. Elisha Mitchell Sci. Soc. Jour. **8**: 64. 1892; Syll. Fung. **10**: 650. 1892.
255. *C. Juglandis* Kell. & Sw. Jour. Myc. **5**: 77. 1889; Syll. Fung. **10**: 651. 1892.
256. *C. Jussieuae* Atk. Elisha Mitchell Sci. Soc. Jour. **8**: 50. 1892; Syll. Fung. **10**: 625. 1892.
257. *C. Kaki* Ell. & Ev. Jour. Myc. **3**: 17. 1887; Syll. Fung. **10**: 648. 1892; B. P. I. Bull. 226: 31. 1912.
258. *C. Kalmiae* Ell. & Ev. Acad. Phila. Proc. **1891**: 88. 1891; Syll. Fung. **10**: 650. 1892.
259. *C. kansensis* Syd. Ann. Myc. **5**: 340. 1907; Syll. Fung. **22**: 1426. 1913.
260. *C. Kellermani* Bubák, Jour. Myc. **9**: 3. 1903; Syll. Fung. **18**: 597. 1906; Jour. Myc. **9**: 24. 1903.
261. *C. Langloisii* Sacc. Syll. Fung. **10**: 647. 1892; Jour. Myc. **3**: 21. 1887, as *C. pallida* Ell. & Ev., not Berk. & Curt.
262. *C. lanuginosa* Heald & Wolf, Myc. **3**: 17. 1911; B. P. I. Bull. 226: 60. 1912.
263. *C. latens* Ell. & Ev. Jour. Myc. **4**: 3. 1888; Syll. Fung. **10**: 641. 1892.
264. *C. lateritia* Ell. & Halst. Jour. Myc. **4**: 7. 1888; Syll. Fung. **10**: 646. 1892.
265. *C. Lathyri* Dearn. & House, N. Y. Mus. Bull. 188: 30. 1916.
266. *C. Lathyrina* Ell. & Ev. Acad. Phila. Proc. **1891**: 91. 1891; Syll. Fung. **10**: 621. 1892.
267. *C. Leonotidis* Cooke, Grev. **8**: 72. 1879; Syll. Fung. **4**: 470. 1886; Syll. Fung. **10**: 631. 1892; Jour. Myc. **3**: 18. 1887.
268. *C. Lepidii* Peck, N. Y. Mus. Rept. **35**: 140. 1884; Syll. Fung. **4**: 432. 1886; Jour. Myc. **1**: 62. 1885.
269. *C. leptosperma*[1] Peck, N. Y. Mus. Rept. **30**: 55. 1878; Syll. Fung. **4**: 442. 1886; Jour. Myc. **1**: 38. 1885.

[1] Davis in Wisc. Acad. Trans. **19**: 706. 1919, says "Instead of *Cercospora leptosperma* Pk. or *Cylindrosporium leptospermum* Pk., I am now using *Cercosporella leptosperma* Pk." and in *l. c.* **20**: 401. 1922, he gives "*Septoriopsis Leptosperma* (Pk.) n. comb."

270. *C. Lespedezae* Ell. & Dearn. Can. Inst. Proc. **1**: 91. 1897; Syll. Fung. **14**: 1100. 1899.
271. *C. leucosticta* Ell. & Ev. Jour. Myc. **4**: 53. 1888; Syll. Fung. **10**: 640. 1892.
272. *C. Ligustri* Roum. Rev. Myc. **5**: 177. 1883; Syll. Fung. **4**: 471. 1886; B. P. I. Bull. 226: 77. 1912.
273. *C. lilacis* (Desm.) Sacc. Michelia **2**: 128. 1880; Ann. Sci. Nat. Bot. III, **11**: 364. 1849, as *Exosporium lilacis* Desm.; Syll. Fung. **4**: 471. 1886; U. S. D.A. Bull. 1366. 1926.
274. *C. Lini* Ell. & Ev. Jour. Myc. **3**: 16. 1887; Syll. Fung. **10**: 620. 1892.
275. *C. Lippiae* Ell. & Ev. Jour. Myc. **3**: 20. 1887; Syll. Fung. **10**: 632. 1892; Wisc. Acad. Trans. **17**: 893. 1914.
276. *C. Liriodendri* Ell. & Harkn. Torr. Bot. Club Bull. **8**: 27. 1881; Syll. Fung. **4**: 459. 1886; Jour. Myc. **1**: 37. 1885; Elisha Mitchell Sci. Soc. Jour. **8**: 67. 1892.
277. *C. Lobeliae* Kell. & Sw. Jour. Myc. **5**: 75. 1889; Syll. Fung. **10**: 631. 1892; Elisha Mitchell Sci. Soc. Jour. **8**: 47. 1892.
278. *C. longispora*[1] Peck, N. Y. Mus. Rept. **35**: 141. 1884; Syll. Fung. **4**: 436. 1886; Jour. Myc. **1**: 63. 1885; Wisc. Acad. Trans. **19**: 702. 1919.
279. *C. Ludwigiae* Atk. Elisha Mitchell Sci. Soc. Jour. **8**: 58. 1892; Syll. Fung. **10**: 625. 1892.
280. *C. lumbricoides* Turconi & Maffei, Bot. Univ. Pavia Atti, II, **12**: 330. 1915; Syll. Fung. **22**: 1423. 1913.
281. *C. Lupini* Cooke, Hedw. **17**: 39. 1878; Syll. Fung. **4**: 436. 1886; Jour. Myc. **1**: 55. 1885.
282. *C. lupinicola* Lieneman, nom. nov.
(*C. texensis* Tharp, Myc. **9**: 115. 1917, not *C. texensis* Ell. & Gall. Jour. Myc. **4**: 116. 1888.)
283. *C. Lycii* Ell. & Halst. Jour. Myc. **4**: 7. 1888; Syll. Fung. **10**: 649. 1892.
284. *C. Lycopi* Ell. & Ev. Jour. Myc. **3**: 15. 1887; Syll. Fung. **10**: 630. 1892.
285. *C. Lysimachiae* Ell. & Halst. Jour. Myc. **6**: 34. 1890; Syll. Fung. **10**: 631. 1892.
286. *C. Lythracearum* Heald & Wolf, Myc. **3**: 18. 1911; B. P. I. Bull. 226: 64, 76. 1912.
287. *C. Lythri* (Westd.) Niessl. Hedw. **15**: 1. 1876; Syll. Fung. **4**: 452. 1886; Acad. Roy. Sci. Belgique Bull. **21**[2]: 240. 1854, as *Cladosporium Lythri* Westd.; Wisc. Acad. Trans. **14**: 96. 1903; *l. c.* **17**: 893. 1914.
288. *C. MacClatchieana*[2] Sacc. & Syd. Syll. Fung. **14**: 1106. 1899; Erythea **2**: 26. 1894, as *C. fuliginosa* Ell. & Ev., not *C. fuliginosa* Ell. & Kell.; Syll. Fung. **11**: 626. 1895, as *C. fuliginosa* Ell. & Ev., not *C. fuliginosa* Ell. & Kell.

[1] Davis in Wisc. Acad. Trans. **20**: 401. 1922, has cited this fungus as "*Septoriopsis Longispora* (Pk.) n. comb."

[2] J. J. Davis, in Wisc. Acad. Trans. **18**: 86. 1915, says that *C. Ceanothi* Kell. & Sw. is present earlier in life and *C. fuliginosa* Ell. & Ev. later in life of plant. "It is probable . . . that the description of *C. Ceanothi* Kell. & Swingle and *C. fuliginosa* Ell. & Evht. were drawn from different states of the same fungus. The former is the prior name and the latter is antedated by *C. fuliginosa* Ell. & Kell. on *Diospyros* (1887) for which reason *C. MacClatchieana* Sacc. & Syd. was substituted."

289. *C. Maclurae* Ell. & Ev. Jour. Myc. **8**: 72. 1902; Syll. Fung. **18**: 610. 1906.
290. *C. macrochaeta* Ell. & Ev. Torr. Bot. Club Bull. **24**: 473. 1897; Syll. Fung. **14**: 1105. 1899.
291. *C. macroguttata* Atk. Elisha Mitchell Sci. Soc. Jour. **8**: 64. 1892; Syll. Fung. **10**: 628. 1892.
292. *C. macromaculans* Heald & Wolf, Myc. **3**: 18. 1911; B. P. I. Bull. 226: 70. 1912.
293. *C. Magnoliae* Ell. & Harkn. Torr. Bot. Club Bull. **8**: 27. 1881; Syll. Fung. **4**: 459. 1886; Jour. Myc. **1**: 35. 1885; N. J. Agr. Sta. Bull. 313: 136. 1917.
294. *C. Majanthemi* Fckl. Symb. Myc. 353. 1869–70; Syll. Fung. **4**: 476. 1886; *l. c.* **10**: 654. 1892; Jour. Myc. **9**: 111. 1903; Myc. **18**: 179. 1926.
295. *C. Malachrae*[1] Heald & Wolf, Myc. **3**: 19. 1911; B. P. I. Bull. 226: 97. 1912.
296. *C. Mali* Ell. & Ev. Jour. Myc. **4**: 116. 1888; Syll. Fung. **10**: 643. 1892; Elisha Mitchell Sci. Soc. Jour. **8**: 55. 1892; B. P. I. Bull. 226: 24. 1912.
297. *C. Malloti* Ell. & Ev. Jour. Myc. **4**: 114. 1888; Syll. Fung. **10**: 650. 1892.
298. *C. maritima* Tracy & Earle, Torr. Bot. Club Bull. **22**: 179. 1895; Syll. Fung. **14**: 1104. 1899.
299. *C. Marrubii* Tharp, Myc. **9**: 111. 1917.
300. *C. Medicaginis* Ell. & Ev. Acad. Phila. Proc. **1891**: 91. 1891; Syll. Fung. **10**: 622. 1892; B. P. I. Bull. 226: 48. 1912; Phytopath. **6**: 301. 1916; N. J. Agr. Sta. Bull. 313: 138. 1917; Wisc. Acad. Trans. **20**: 429. 1922.
301. *C. megalopotamica* Speg. Anal. Soc. Sci. Argent. **13**: 29. 1882; Syll. Fung. **4**: 443. 1886; Wisc. Acad. Trans. **16**: 758. 1909; *l. c.* **17**: 895. 1914; *l. c.* **18**: 256. 1915.
302. *C. melaleuca* Ell. & Ev. Torr. Bot. Club Bull. **27**: 56. 1900; Syll. Fung. **16**: 1068. 1902.
303. *C. melanochaeta* Ell. & Ev. Acad. Phila. Proc. **1894**: 380. 1894; Syll. Fung. **11**: 627. 1895.
304. *C. Meliae* Ell. & Ev. Jour. Myc. **3**: 16. 1887; Syll. Fung. **10**: 639. 1892.
305. *C. Menispermi* Ell. & Holw. Jour. Myc. **4**: 6. 1888; Syll. Fung. **10**: 618. 1892; B. P. I. Bull. 226: 92. 1912; Myc. **16**: 138. 1924.
306. *C. menthicola* Tehon & Daniels, Myc. **17**: 247. 1925.
307. *C. Merrowii* Ell. & Ev. Acad. Phila. Proc. **1894**: 380. 1894; Syll. Fung. **11**: 625. 1895.
308. *C. microsora* Sacc. Michelia **2**: 128. 1880; Bot. Gaz. **6**: 277. 1881, as *C. Tiliae* Peck; Jour. Myc. **1**: 35. 1885, as *C. Tiliae* Peck; Syll. Fung. **4**: 459. 1886; N. J. Agr. Sta. Bull. 313: 138. 1917.
309. *C. microstigma* Sacc. Ann. Myc. **10**: 315. 1912; Syll. Fung. **22**: 1431. 1913.
310. *C. Mikaniae* Ell. & Ev. Acad. Phila. Proc. **1891**: 90. 1891; Syll. Fung. **10**: 629. 1892.
311. *C. Mimuli* Ell. & Ev. Jour. Myc. **3**: 18. 1887; Syll. Fung. **10**: 631. 1892.

[1] Seaver & Chardon (Sci. Surv. Porto Rico **8**[1]: 95. 1926) refer *C. Malachrae* Young (Myc. **8**: 45. 1916) as a synonym of the species. The descriptions are very much alike, but Chardon does not state that he studied authentic material of Young's species. In case they are different, the latter must be renamed.

312. *C. minima* Tracy & Earle, Torr. Bot. Club Bull. **23**: 206. 1896; Syll. Fung. **14**: 1100. 1899; B. P. I. Bull. 226: 30. 1912.
313. *C. Mirabilis* Tharp, Myc. **9**: 111. 1917.
314. *C. Modiolae* Tharp, Myc. **9**: 111. 1917.
315. *C. Molluginis* Halst. Torr. Bot. Club Bull. **20**: 251. 1893.
316. *C. molluginicola* Lieneman, nom. nov.
(*C. Molluginis* Davis, Wisc. Acad. Trans. **21**: 285. 1924, not *C. Molluginis* Halst. Torr. Bot. Club Bull. **20**: 251. 1893.)
317. *C. monoica* Ell. & Holw. Jour. Myc. **1**: 6, 49. 1885; Syll. Fung. **4**: 438. 1886.
318. *C. montana* (Speg.) Sacc. Dec. Myc. 104. 1879, as *Ramularia montana* Speg.; Syll. Fung. **4**: 453. 1886; Nuovo Giorn. Bot. Ital. **23**: 220. 1916; Myc. **10**: 263. 1918; Wisc. Acad. Trans. **9**: 167. 1892; *l. c.* **15**: 780. 1907; *l. c.* **16**: 746. 1909.
319. *C. moricola* Cooke, Grev. **12**: 30. 1883; Syll. Fung. **4**: 475. 1886; Jour. Myc. **1**: 34. 1885; Elisha Mitchell Sci. Soc. Jour. **8**: 43. 1892; Cornell Univ. Bull. **3**[1]: 41. 1897; B. P. I. Bull. 226: 74. 1912; Wisc. Acad. Trans. **21**: 261. 1924.
320. *C. Morongiae* Tracy & Earle, Torr. Bot. Club Bull. **26**: 495. 1899; Syll. Fung. **16**: 1074. 1902.
321. *C. Muhlenbergiae* Atk. Cornell Univ. Bull. **3**[1]: 46. 1897; Syll. Fung. **14**: 1106. 1899; Wisc. Acad. Trans. **20**: 421. 1922.
322. *C. murina* Ell. & Kell. Torr. Bot. Club Bull. **11**: 122. 1884; Syll. Fung. **4**: 434. 1886; Jour. Myc. **1**: 53. 1885; Ind. Acad. Proc. **1921**: 147. 1921.
323. *C. Myricae* Tracy & Earle, Torr. Bot. Club Bull. **23**: 206. 1896; Syll. Fung. **14**: 1105. 1899.
324. *C. Namae* Dearn. & House, N. Y. Mus. Bull. 179: 34. 1915.
325. *C. Nasturtii* Pass. Hedw. **16**: 124. 1877; Syll. Fung. **4**: 433. 1886; Jour. Myc. **3**: 16. 1887; Wisc. Acad. Trans. **11**: 171. 1897; *l. c.* **19**: 687. 1919; *l. c.* **21**: 294. 1924; B. P. I. Bull. 226: 104. 1912; Ind. Acad. Proc. **1921**: 147. 1922.
326. *C. Negundinis* Ell. & Ev. Acad. Phila. Proc. **1891**: 89. 1891; Syll. Fung. **10**: 638. 1892.
327. *C. Nelumbonis* Tharp, Myc. **9**: 111. 1917.
328. *C. Nepetae* Tehon, Myc. **16**: 140. 1924.
329. *C. Nepheloides* Ell. & Holw. B. P. I. Bull. 226: 87. 1912.
330. *C. neriella* Sacc. Michelia **2**: 294. 1881; Syll. Fung. **4**: 473. 1886; U. S. D. A. Bull. 1366. 1926.
331. *C. Nesaeae* Ell. & Ev. Acad. Phila. Proc. **1893**: 170. 1893; Syll. Fung. **11**: 625. 1895.
332. *C. Nicotianae* Ell. & Ev. Acad. Phila. Proc. **1893**: 170. 1893; Syll. Fung. **11**: 628. 1895; B. P. I. Bull. 226: 105. 1912.
333. *C. nigri* Tharp, Myc. **9**: 112. 1917.
334. *C. nigricans* Cooke, Grev. **12**: 30. 1883; Syll. Fung. **4**: 462. 1886; Jour. Myc. **1**: 52. 1885.
335. *C. noveboracensis* Ell. & Ev. Jour. Myc. **3**: 14. 1887; Syll. Fung. **10**: 628. 1892.

336. *C. nubilosa*[1] Ell. & Ev. Jour. Myc. **4**: 115. 1888; Syll. Fung. **10**: 654. 1892; Mo. Bot. Gard. Ann. **14**: 425. 1927.
337. *C. Nymphaeacea* Cooke & Ell. Grev. **6**: 89. 1878; Syll. Fung. **4**: 432. 1886; Jour. Myc. **1**: 22. 1885; Elisha Mitchell Sci. Soc. Jour. **8**: 54. 1892; Wisc. Acad. Trans. **14**: 97. 1903; *l. c.* **17**: 891. 1914.
338. *C. Nyssae* Tharp, Myc. **9**: 112. 1917.
339. *C. obesa* Ell. & Ev. Jour. Myc. **4**: 5. 1888; Syll. Fung. **10**: 626. 1892; N. J. Agr. Sta. Bull. 313: 140. 1917.
340. *C. obscura* Heald & Wolf, Myc. **3**: 19. 1911; B. P. I. Bull. 226: 40. 1912.
341. *C. occidentalis* Cooke, Hedw. **17**: 39. 1878; Syll. Fung. **4**: 463. 1886; Jour. Myc. **1**: 50. 1885; Elisha Mitchell Sci. Soc. Jour. **8**: 43. 1892; B. P. I. Bull. 226: 101. 1912.
342. *C. oculata* Ell. & Kell. Torr. Bot. Club Bull. **11**: 116. 1884; Syll. Fung. **4**: 443. 1886; Jour. Myc. **1**: 22. 1885.
343. *C. Oenotherae* Ell. & Ev. Acad. Phila. Proc. **1894**: 380. 1894; Syll. Fung. **11**: 625. 1895.
344. *C. Oenotherae-sinuatae* Atk. Cornell Univ. Bull. **3**[1]: 46. 1897; Syll. Fung. **14**: 1099. 1899.
345. *C. olivacea*[2] (Berk. & Rav.) Ell. Jour. Myc. **1**: 52. 1885; Grev. **3**: 102. 1875, as *Helminthosporium olivaceum* Berk. & Rav.; Syll. Fung. **4**: 462. 1886.
346. *C. omphakodes* Ell. & Holw. Jour. Myc. **1**: 5, 23. 1885; Syll. Fung. **4**: 447. 1886; Elisha Mitchell Sci. Soc. Jour. **8**: 42. 1892; Torr. Bot. Club Bull. **25**: 366. 1898.
347. *C. Oryzae* Miyake, Tokyo Coll. Agr. Jour. **2**: 263. 1910; Syll. Fung. **22**: 1431. 1913; U. S. D. A. Bull. 1366. 1926.
348. *C. Osmorhizae* Ell. & Ev. Acad. Phila. Proc. **1891**: 89. 1891; Syll. Fung. **10**: 624. 1892; Wisc. Acad. Trans. **20**: 421. 1922.
349. *C. Oxybaphi* Ell. & Halst. Jour. Myc. **4**: 8. 1888; Syll. Fung. **10**: 636. 1892; Wisc. Acad. Trans. **21**: 258. 1924.
350. *C. Oxydendri*[3] Tracy & Earle, Torr. Bot. Club Bull. **26**: 495. 1899; Syll. Fung. **16**: 1067. 1902.
351. *C. pachypus* Ell. & Kell. Jour. Myc. **3**: 104. 1887; Syll. Fung. **10**: 628. 1892; Jour. Myc. **4**: 7, 29. 1888; B. P. I. Bull. 226: 103. 1912.
352. *C. pachyspora* Ell. & Ev. Acad. Phila. Proc. **1891**: 88. 1891; Syll. Fung. **10**: 654. 1892; Elisha Mitchell Sci. Soc. Jour. **8**: 45. 1892.
353. *C. Paeoniae* Tehon & Daniels, Myc. **17**: 247. 1925.
354. *C. Pancratii* Ell. & Ev. Jour. Myc. **3**: 15. 1887; Syll. Fung. **10**: 654. 1892.

[1] The original citation gives *Smilax* as host, but from type material in the herbarium of the Missouri Botanical Garden, the host has been determined as *Dioscorea villosa*.—*Cf.* Mo. Bot. Gard. Ann. **14**: 425. 1927.

[2] In Grev. **12**: 30. 1883, Cooke uses the name *C. Berkeleyi* Cooke (*l. c.* and Fungi Am. 777, nomen nudum) to replace *C. olivacea* as above and *Helminthosporium pistillare* Cooke, Fungi Am. 777, nomen nudum. *C. Seymouriana* Wint. Hedw. **22**: 70. 1883, is added by Saccardo (*l. c.*). *C. olivacea* is here treated in this composite sense.

[3] An examination of type material in the herbarium of the Missouri Botanical Garden seems to confirm the similarity between *C. Oxydendri* Tracy & Earle and *C. Oxydendri* Ell. & Ev. Jour. Myc. **8**: 71. 1902; Syll. Fung. **18**: 606. 1906. In this event, the latter should be regarded as a synonym of the former.

355. *C. Panici* Davis, Wisc. Acad. Trans. **19**: 714. 1919.
356. *C. papillosa*[1] Atk. Elisha Mitchell Sci. Soc. Jour. **8**: 52. 1892; Syll. Fung. **10**: 632. 1892.
357. *C. Passaloroides* Wint. Hedw. **22**: 71. 1883; Syll. Fung. **4**: 463. 1886; Jour. Myc. **1**: 50. 1885; Wisc. Acad. Trans. **18**: 106. 1915.
358. *C. Pastinacae* (Sacc.) Peck, N. Y. Mus. Bull. 157: 45, 107. 1912.[2]
359. *C. penicillus* Ell. & Ev. Jour. Myc. **4**: 115. 1888; Syll. Fung. **10**: 652. 1892.
360. *C. Pentstemonis* Ell. & Kell. Torr. Bot. Club Bull. **11**: 121. 1884; Syll. Fung. **4**: 447. 1886; Jour. Myc. **1**: 24. 1885; Ala. Agr. Sta. Bull. 80: 148. 1897; Wisc. Acad. Trans. **9**: 167. 1892; *l. c.* **17**: 894. 1914; *l. c.* **18**: 260. 1915.
361. *C. perfoliata* Ell. & Ev. Jour. Myc. **5**: 71. 1889; Syll. Fung. **10**: 627. 1892; Wisc. Acad. Trans. **9**: 167. 1893; *l. c.* **17**: 894. 1914.
362. *C. perniciosa* Heald & Wolf, Myc. **3**: 19. 1911; B. P. I. Bull. 226: 61. 1912.
363. *C. personata* (Berk. & Curt.) Ell. & Ev. Jour. Myc. **1**: 63. 1885; Grev. **3**: 106. 1875, as *Cladosporium personatum* Berk. & Curt.; Syll. Fung. **4**: 439. 1886; Elisha Mitchell Sci. Soc. Jour. **8**: 43. 1892; B. P. I. Bull. 226: 49. 1912; Myc. **9**: 112. 1917; *l. c.* **16**: 138. 1924.
364. *C. personata* (Berk. & Curt.) Ell. & Ev. var. *Cassiae-occidentalis* Sacc. Syll. Fung. **4**: 439. 1886.
365. *C. Phaseolorum* Cooke, Grev. **12**: 30. 1883; Syll. Fung. **4**: 436. 1886; Jour. Myc. **1**: 55. 1885.
366. *C. Phlogina* Peck, N. Y. Mus. Bull. 150: 24. 1911.
367. *C. Phyllitidis* Hume, Torr. Bot. Club Bull. **27**: 577. 1900; Syll. Fung. **16**: 1074. 1902.
368. *C. physalicola* Ell. & Barth. Erythea **4**: 28. 1896; Syll. Fung. **14**: 1102. 1899; B. P. I. Bull. 226: 96. 1912.
369. *C. Physalidis* Ell. Am. Nat. **16**: 810. 1882; Syll. Fung. **4**: 450. 1886; Jour. Myc. **1**: 19. 1885; Wisc. Acad. Trans. **17**: 894. 1914.
370. *C. Piaropi* Tharp, Myc. **9**: 113. 1917.
371. *C. pinnulaecola* Atk. Elisha Mitchell Sci. Soc. Jour. **8**: 64. 1892; Syll. Fung. **10**: 640. 1892.
372. *C. Plantaginella* Tehon, Myc. **16**: 139. 1924.
373. *C. Plantaginis* Sacc. Michelia **1**: 267. 1878; Syll. Fung. **4**: 454. 1886; Jour. Myc. **1**: 19. 1885.
374. *C. platanicola* Ell. & Ev. Jour. Myc. **3**: 17. 1887; Syll. Fung. **10**: 652. 1892; Jour. Myc. **9**: 168. 1903.

[1] In Cornell Univ. Bull. **3**[1]: 44. 1897, Atkinson says, "**C. verbenaecola** E. & E. This was described p. 20 Jour. Elisha Mitchell Sci. Soc. VIII, 1892, as a new species, C. papillosa. A later examination of fresh specimens does not seem to show any persistent character which will distinguish it from E. & E's. species."

[2] "*C. Pastinacae* (Sacc.) comb. nov.

"This fungus was originally referred by Mr. Ellis to Cercospora Apii Fres. [Jour. Myc. **1**: 36. 1885], though with some hesitation, as he says he is strongly of the opinion that it will yet prove to be distinct. Prof. Saccardo [Syll. Fung. **4**: 442. 1886] later gave it the name C. Apii Pastinacae Sacc. It appears to us to be a distinct species in its numerous small spots limited by the veinlets of the leaf; in its broader aseptate hyphae and specially in its broader, subcylindric conidia with only 1–3 septa."

375. *C. platyspora*[1] Ell. & Holw. Jour. Myc. **3:** 16. 1887; Syll. Fung. **10:** 625. 1892.
376. *C. Podophylli* Tehon & Daniels, Myc. **19:** 128. 1927.
377. *C. Polygonacea* Ell. & Ev. Jour. Myc. **1:** 24. 1885; Syll. Fung. **4:** 455. 1886; Elisha Mitchell Sci. Soc. Jour. **8:** 47. 1892; B. P. I. Bull. 226: 97. 1912.
378. *C. Polytaeniae* Ell. & Kell. Jour. Myc. **3:** 104. 1887; Syll. Fung. **10:** 624. 1892; Wisc. Acad. Trans. **19:** 702. 1919.
379. *C. polytricha* Cooke, Grev. **7:** 35. 1878; Syll. Fung. **4:** 475. 1886; Jour. Myc. **1:** 56. 1885.
380. *C. Pontederiae* Ell. & Dearn. Can. Rec. Sci. **5:** 270. 1893; Syll. Fung. **11:** 629. 1895.
381. *C. populicola* Tharp, Myc. **9:** 113. 1917.
382. *C. Populina* Ell. & Ev. Jour. Myc. **3:** 20. 1887; Syll. Fung. **10:** 651. 1892; Iowa Acad. Proc. **7:** 164. 1899.
383. *C. Prenanthis* Ell. & Kell. Jour. Myc. **3:** 104. 1887; Syll. Fung. **10:** 626. 1892; Tuskegee Exp. Sta. Bull. **4:** 7. 1904.
384. *C. Prosopidis* Heald & Wolf, Myc. **3:** 20. 1911; B. P. I. Bull. 226: 73. 1912.
385. *C. prunicola* Ell. & Ev. Jour. Myc. **3:** 17. 1887; Syll. Fung. **10:** 643. 1892.
386. *C. psedericola* Tehon, Myc. **16:** 139. 1924.
387. *C. Pteleae* Wint. Hedw. **24:** 205. 1885; Syll. Fung. **4:** 465. 1886; Jour. Myc. **1:** 125. 1885.
388. *C. pulcherrimae* Tharp, Myc. **9:** 114. 1917.
389. *C. pulcherrimae minima* Tharp, Myc. **9:** 114. 1917.
390. *C. pulvinula* Cooke & Ell. Grev. **7:** 40. 1878; Syll. Fung. **4:** 467. 1886; Jour. Myc. **1:** 51. 1885.
391. *C. pulvinulata*[2] Sacc. & Wint. Ist. Veneto Atti. **6**[3]**:** 728. 1885; Hedw. **24:** 258. 1885, as *C. missouriensis* Wint.; Syll. Fung. **4:** 474. 1886; Jour. Myc. **1:** 106. 1885; B. P. I. Bull. 226: 74. 1912.
392. *C. punctoidea*[3] Ell. & Holw. Wisc. Acad. Trans. **9:** 167. 1893.
393. *C. purpurea* Cooke, Grev. **7:** 34. 1878; Am. Nat. **18:** 189. 1884, as *C. Perseae* Ell. & Mart.; Syll. Fung. **4:** 464. 1886; Jour. Myc. **1:** 34. 1885.
394. *C. Pyri* Farlow, Appalachia **3:** 250. 1884; Syll. Fung. **4:** 461. 1886; Jour. Myc. **1:** 54. 1885; Wisc. Acad. Trans. **17:** 892. 1914.
395. *C. racemosa* Ell. & Mart. Am. Nat. **19:** 76. 1885; Syll. Fung. **4:** 446. 1886; Jour. Myc. **1:** 55. 1885; *l. c.* **3:** 21. 1887.
396. *C. Rafinesquiae* Harkn. Calif. Acad. Bull. **1:** 39. 1884; Syll. Fung. **4:** 445. 1886; Jour. Myc. **1:** 51. 1885.

[1] J. J. Davis in Wisc. Acad. Trans. **21:** 275. 1924 says: "*Cercospora platyspora* Ell. & Holw. is doubtfully distinct from *Cercospora sii* E. & E. and from *Fusicladium depressum* (B. & Br.) Sacc."

[2] As pointed out by Sacc. Syll. Fung. **4:** 474. 1886, *C. pulvinulata* need not be regarded as a homonym because of the existence of *C. pulvinula* Cooke & Ell. Grev. **7:** 40. 1878. *C. missouriensis*, then, becomes a synonym of *C. pulvinulata.*

[3] This is cited as occurring on *Galium trifidum* Ait., but in Wisc. Acad. Trans. **20:** 405. 1922, Davis says: "*Cercospora punctoidea* Ell. & Hol. (in lit.) was recorded in 'A Supplementary List of Parasitic Fungi of Wisconsin,' No. 312 (Trans. Wis. Acad. **9:** 167), but a description was never published presumably because Mr. Ellis concluded it was not distinct."

397. *C. Ranunculi* Ell. & Holw. Jour. Myc. **1**: 5, 50. 1885; Syll. Fung. **4**: 431. 1886; Wisc. Acad. Trans. **20**: 428. 1922.
398. *C. Ratibidae* Ell. & Barth. Jour. Myc. **8**: 177. 1902; Syll. Fung. **18**: 608. 1906; Wisc. Acad. Trans. **21**: 286. 1924.
399. *C. reducta* Syd. Ann. Myc. **1**: 178. 1903; Jour. Myc. **8**: 71. 1902, as *C. sessilis* Ell. & Ev., not Sorok; Syll. Fung. **18**: 610. 1906.
400. *C. regalis* Tharp, Myc. **9**: 114. 1917.
401. *C. repens* Ell. & Ev. Jour. Myc. **3**: 14. 1887; Syll. Fung. **10**: 638. 1892.
402. *C. Resedae* Fckl. Symb. Myc. 353. 1869–70; Syll. Fung. **4**: 435. 1886; Jour. Myc. **1**: 21. 1885; N. J. Agr. Sta. Bull. 313: 140. 1917.
403. *C. Rhamni* Fckl. Symb. Myc. 354. 1869–70; Syll. Fung. **4**: 466. 1886; Jour. Myc. **3**: 16. 1887; Wisc. Acad. Trans. **20**: 416. 1922.
404. *C. Rhapontici* Tehon & Daniels, Myc. **17**: 248. 1925.
405. *C. Rhuina*[1] Cooke & Ell. Grev. **6**: 89. 1878; Syll. Fung. **4**: 467. 1886; Jour. Myc. **1**: 33. 1885; Elisha Mitchell Sci. Soc. Jour. **8**: 47. 1892; Iowa Acad. Proc. **7**: 165. 1899; B. P. I. Bull. 226: 78. 1912; N. J. Agr. Sta. Bull. 313: 140. 1917.
406. *C. Rhuina* Cooke & Ell. var. *nigromaculans* Peck, N. Y. Mus. Rept. **42**: 33. 1889.
407. *C. ribicola* Ell. & Ev. Acad. Phila. Proc. **1894**: 379. 1894; Syll. Fung. **11**: 626. 1895; Wisc. Acad. Trans. **15**: 778. 1907.
408. *C. Ribis* Earle, Torr. Bot. Club Bull. **25**: 366. 1898; Syll. Fung. **16**: 1066. 1902.
409. *C. richardiaecola* Atk. Elisha Mitchell Sci. Soc. Jour. **8**: 51. 1892; Syll. Fung. **10**: 653. 1892.
410. *C. Ricinella* Sacc. & Berl. Misc. Myc. **2**: 11. 1885; Hedw. **24**: 202. 1885, as *C. albidomaculans* Wint.; Syll. Fung. **4**: 456. 1886; Jour. Myc. **1**: 124. 1885; B. P. I. Bull. 226: 84. 1912.
411. *C. rigospora* Atk. Elisha Mitchell Sci. Soc. Jour. **8**: 65. 1892; Syll. Fung. **10**: 635. 1892; Ala. Agr. Sta. Bull. 80: 150. 1897.
412. *C. rosicola* Pass. Myc. Univ. 1086. 1878; Syll. Fung. **4**: 460. 1886; Hedw. **24**: 205. 1885; Jour. Myc. **1**: 35. 1885; *l. c.* **4**: 29. 1888; B. P. I. Bull. 226: 88. 1912; N. J. Agr. Sta. Bull. 313: 140. 1917.
413. *C. rosicola* Pass. var. *undosa* Davis, Wisc. Acad. Trans. **20**: 405. 1922.
414. *C. Rosigena* Tharp, Myc. **9**: 114. 1917.
415. *C. rubella* Cooke, Grev. **7**: 34. 1878; Syll. Fung. **4**: 454. 1886; Jour. Myc. **1**: 22. 1885.
416. *C. Rubi* Sacc. Nuovo Giorn. Bot. Ital. **8**: 188. 1876; Syll. Fung. **4**: 461. 1886; Elisha Mitchell Sci. Soc. Jour. **8**: 54. 1892; Cornell Univ. Bull. **3**[1]: 44. 1897; N. J. Agr. Sta. Bull. 313: 142. 1917; Ind. Acad. Proc. **1921**: 147. 1922.
417. *C. Rubigo* Cooke & Harkn. Grev. **13**: 17. 1884; Syll. Fung. **4**: 461. 1886; Jour. Myc. **1**: 40. 1885; Wisc. Acad. Trans. **17**: 892. 1914; *l. c.* **20**: 429. 1922.
418. *C. rubrotincta* Ell. & Ev. Jour. Myc. **3**: 20. 1887; Syll. Fung. **10**: 643. 1892.
419. *C. Rudbeckiae* Peck, N. Y. Mus. Bull. 131: 19. 1909; Syll. Fung. **22**: 1427. 1918; Wisc. Acad. Trans. **21**: 289. 1924.

[1] According to Jour. Myc. **1**: 33. 1885, *C. copallina* Cooke, Grev. **12**: 31. 1883, and Syll. Fung. **4**: 468. 1886, is a synonym of *C. Rhuina* Cooke & Ell.

420. *C. Sabbatiae* Ell. & Ev. Jour. Myc. **4:** 3. 1888; Syll. Fung. **10:** 634. 1892.
421. *C. Sagittariae* Ell. & Kell. Jour. Myc. **2:** 1. 1886; Syll. Fung. **4:** 479. 1886; Elisha Mitchell Sci. Soc. Jour. **8:** 61. 1892; Wisc. Acad. Trans. **14:** 89. 1903; B. P. I. Bull. 226: 90. 1912; Wisc. Acad. Trans. 17: 890. 1914.
422. *C. Salicina* Ell. & Ev. Jour. Myc. **3:** 19. 1887; Syll. Fung. **10:** 651. 1892; B. P. I. Bull. 226: 82. 1912.
423. *C. salviicola* Tharp, Myc. **9:** 115. 1917.
424. *C. Sanguinariae* Peck, N. Y. Mus. Rept. **33:** 29. 1880; Syll. Fung. **4:** 433. 1886; Jour. Myc. **1:** 50. 1885; Wisc. Acad. Trans. **15:** 267. 1915.
425. *C. Saniculae* Davis, Wisc. Acad. Trans. **19:** 687. 1919; *l. c.* **21:** 275. 1924.
426. *C. Saururi* Ell. & Ev. Jour. Myc. **3:** 14. 1887; Syll. Fung. **10:** 652. 1892; Elisha Mitchell Sci. Soc. Jour. **8:** 54. 1892.
427. *C. Scolecotrichoides* Atk. Cornell Univ. Bull. **3**[1]: 46. 1897; Syll. Fung. **14:** 1106. 1899.
428. *C. Scutellariae* Ell. & Ev. Jour. Myc. **4:** 54. 1888; Syll. Fung. **10:** 630. 1892.
429. *C. Sedi* Ell. & Ev. Jour. Myc. **8:** 72. 1902; Syll. Fung. **18:** 596. 1906.
430. *C. Sedoidis* Ell. & Ev. Jour. Myc. **4:** 4. 1888; Syll. Fung. **10:** 623. 1892.
431. *C. seminalis* Ell. & Ev. Jour. Myc. **4:** 4. 1888; Syll. Fung. **10:** 656. 1892.
432. *C. Senecionis* Ell. & Ev. Acad. Phila. Proc. **1891:** 90. 1891; Syll. Fung. **10:** 629. 1892.
433. *C. septatissima* Tracy & Earle, Torr. Bot. Club Bull. **23:** 206. 1896; Syll. Fung. **14:** 1103. 1899.
434. *C. septorioides* Ell. & Ev. Field Mus. Bot. Ser. Rept. **1:** 94. 1896; Syll. Fung. **14:** 1101. 1899.
435. *C. Sequoiae* Ell. & Ev. Jour. Myc. **3:** 13. 1887; Syll. Fung. **10:** 653. 1892; Wisc. Acad. Trans. **16:** 746. 1909.
436. *C. Sequoiae Juniperi* Ell. & Ev. Jour. Myc. **3:** 14. 1887; Syll. Fung. **10:** 653. 1892.
437. *C. seriata* Atk. Elisha Mitchell Sci. Soc. Jour. **8:** 59. 1892; Syll. Fung. **10:** 657. 1892.
438. *C. Serpentariae* Ell. & Ev. Jour. Myc. **3:** 13. 1887; Syll. Fung. **10:** 636. 1892.
439. *C. Setariae* Atk. Elisha Mitchell Sci. Soc. Jour. **8:** 50. 1892; Syll. Fung. **10:** 655. 1892; Ala. Agr. Sta. Bull. 80: 151. 1897.
440. *C. setariicola* Tehon & Daniels, Myc. **19:** 128. 1927.
441. *C. sidaecola* Ell. & Ev. Jour. Myc. **5:** 72. 1889.
442. *C. Sii* Ell. & Ev. Jour. Myc. **5:** 71. 1889; Syll. Fung. **10:** 624. 1892.
443. *C. Silphii* Ell. & Ev. Jour. Myc. **4:** 3, 29. 1888; Syll. Fung. **10:** 628. 1892; Elisha Mitchell Sci. Soc. Jour. **8:** 60. 1892.
444. *C. Silphii* Ell. & Ev. var. *laciniati* Tehon & Daniels, Myc. **19:** 128. 1927.
445. *C. simulans* Ell. & Kell. Jour. Myc. **8:** 14. 1902; Syll. Fung. **18:** 599. 1906.
446. *C. simulata* Ell. & Ev. Jour. Myc. **1:** 64. 1885; Syll. Fung. **4:** 463. 1886.
447. *C. Smilacina*[1] Sacc. Michelia **2:** 364. 1881; N. Y. Mus. Rept. **33:** 29. 1880, as *C. Smilacis* Peck; Syll. Fung. **4:** 476. 1886; B. P. I. Bull. 226: 102. 1912.

[1] *C. Petersii* (Berk. & Curt.) Atk. is made a synonym in Mo. Bot. Gard. Ann. **14:** 429. 1927. It was described in Elisha Mitchell Sci. Soc. Jour. **8:** 57. 1892, Grev. **3:** 102. 1875, and Syll. Fung. **4:** 421. 1886, as *Helminthosporium Petersii* Berk. & Curt.

448. *C. Smilacinae* Ell. & Ev. Torr. Bot. Club Bull. **27**: 577. 1900; Syll. Fung. **16**: 1073. 1902.
449. *C. Smilacis* Thuem. Hedw. **19**: 35. 1880; Syll. Fung. **4**: 476. 1886; Torr. Bot. Club Bull. **22**: 179. 1895, as *C. mississippiensis* Tracy & Earle; Syll. Fung. **14**: 1105. 1899, as *C. mississippiensis* Tracy & Earle; Jour. Myc. **1**: 33. 1885; Mo. Bot. Gard. Ann. **14**: 428. 1917.
450. *C. solanicola* Atk. Elisha Mitchell Sci. Soc. Jour. **8**: 53. 1892; Syll. Fung. **10**: 635. 1892.
451. *C. sordida* Sacc. Michelia **2**: 149. 1880; Syll. Fung. **4**: 470. 1886; Jour. Myc. **1**: 53. 1885; Elisha Mitchell Sci. Soc. Jour. **8**: 63. 1892; B. P. I. Bull. 226: 79. 1912.
452. *C. Sorghi* Ell. & Ev. Jour. Myc. **3**: 15. 1887; Syll. Fung. **10**: 656. 1892; B. P. I. Bull. 226: 51. 1912.
453. *C. sparsa* Cooke, Grev. **12**: 31. 1883; Syll. Fung. **4**: 472. 1886; Jour. Myc. **1**: 51. 1885.
454. *C. sphaeriaeformis* Cooke, Grev. **6**: 140. 1878; Syll. Fung. **4**: 474. 1886; Jour. Myc. **1**: 51. 1885.
455. *C. squalidula* Peck, N. Y. Mus. Rept. **33**: 29. 1880; Syll. Fung. **4**: 431. 1886; Jour. Myc. **1**: 40. 1885; Tuskegee Sta. Bull. **4**: 8. 1904.
456. *C. Stachydis* Ell. & Ev. Torr. Bot. Club Bull. **24**: 474. 1897; Syll. Fung. **14**: 1103. 1899.
457. *C. Stillingiae* Ell. & Ev. Jour. Myc. **3**: 20. 1887; Syll. Fung. **10**: 650. 1892.
458. *C. stomatica* Ell. & Davis, Acad. Phila. Proc. **1895**: 438. 1896; Syll. Fung. **14**: 1102. 1899; Wisc. Acad. Trans. **21**: 275. 1924.
459. *C. Streptopi* Dearn. & Barth. Myc. **9**: 363. 1917.
460. *C. striaeformis* Wint. Hedw. **25**: 103. 1886; Syll. Fung. **10**: 655. 1892.
461. *C. Stylismae* Tracy & Earle, Torr. Bot. Club Bull. **23**: 206. 1896; Syll. Fung. **14**: 1103. 1899.
462. *C. subsanguinea* Ell. & Ev. Jour. Myc. **4**: 4. 1888; Syll. Fung. **10**: 655. 1892; Mo. Bot. Gard. Ann. **14**: 425. 1927.
463. *C. superflua* Ell. & Holw. Jour. Myc. **2**: 2. 1886; Syll. Fung. **4**: 471. 1886.
464. *C. Symphoricarpi* Ell. & Ev. Jour. Myc. **5**: 70. 1889; Syll. Fung. **10**: 645. 1892.
465. *C. Symplocarpi* Peck in Thuem. Myc. Univ. 669. 1877; Syll. Fung. **4**: 477. 1886; Jour. Myc. **1**: 36. 1885; N. J. Agr. Sta. Bull. 313: 142. 1917.
466. *C. tabacina* Ell. & Ev. Jour. Myc. **4**: 6. 1888; Syll. Fung. **10**: 627. 1892; Wisc. Acad. Trans. **20**: 430. 1922.
467. *C. tageticola* Ell. & Ev. Jour. Myc. **8**: 72. 1902; Syll. Fung. **18**: 608. 1906.
468. *C. tenuis* Peck, N. Y. Mus. Rept. **47**: 23. 1894; Syll. Fung. **11**: 627. 1895.
469. *C. Tephrosiae* Atk. Elisha Mitchell Sci. Soc. Jour. **8**: 44. 1892; Syll. Fung. **10**: 641. 1892.
470. *C. tessellata* Atk. Elisha Mitchell Sci. Soc. Jour. **8**: 59. 1892; Syll. Fung. **10**: 656. 1892.
471. *C. Teucrii* Ell. & Kell. Torr. Bot. Club Bull. **11**: 116. 1884; Syll. Fung. **4**: 446. 1886; Jour. Myc. **1**: 20. 1885; Wisc. Acad. Trans. **21**: 262. 1924.
472. *C. texensis* Ell. & Gall. Jour. Myc. **4**: 116. 1888; Syll. Fung. **10**: 646. 1892.
473. *C. Thaliae* Ell. & Langl. Jour. Myc. **6**: 36. 1890; Syll. Fung. **10**: 654. 1892.
474. *C. Thaspii* Ell. & Ev. in Atk. Elisha Mitchell Sci. Soc. Jour. **8**: 61. 1892.

475. *C. Thermopsidis* Earle, N. Y. Bot. Gard. Bull. **2**: 348. 1902; Syll. Fung. **18**: 600. 1906.
476. *C. tinea* Sacc. Michelia **1**: 268. 1878; Syll. Fung. **4**: 468. 1886; Jour. Myc. **3**: 18. 1887.
477. *C. Torae* Tharp, Myc. **9**: 115. 1917.
478. *C. torta* Tracy & Earle, Torr. Bot. Club Bull. **28**: 187. 1901; Syll. Fung. **18**: 605. 1906.
479. *C. tortipes* Davis, Wisc. Acad. Trans. **20**: 430. 1922.
480. *C. Toxicodendri* Ell. Am. Nat. **16**: 811. 1882; Syll. Fung. **4**: 467. 1886; Jour. Myc. **1**: 62. 1885.
481. *C. Tragopogonis* Ell. & Ev. Torr. Bot. Club Bull. **24**: 474. 1897; Syll. Fung. **14**: 1102. 1899.
482. *C. Tropaeoli* Atk. Elisha Mitchell Sci. Soc. Jour. **8**: 59. 1892; Syll. Fung. **10**: 619. 1892.
483. *C. truncata* Ell. & Ev. Jour. Myc. **3**: 19. 1887; Syll. Fung. **10**: 639. 1892.
484. *C. truncatella* Atk. Elisha Mitchell Sci. Soc. Jour. **8**: 44. 1892; Syll. Fung. **10**: 644. 1892.
485. *C. tuberculans* Ell. & Ev. Jour. Myc. **4**: 115. 1888; Syll. Fung. **10**: 652. 1892.
486. *C. tuberculella* Davis, Wisc. Acad. Sci. Trans. **20**: 429. 1922.
487. *C. tuberosa* Ell. & Kell. Torr. Bot. Club Bull. **11**: 116. 1884; Hedw. **23**: 171. 1884, as *C. glaucescens* Wint.; Syll. Fung. **4**: 439. 1886; Jour. Myc. **1**: 38. 1885.
488. *C. umbrata* Ell. & Holw. Jour. Myc. **2**: 2. 1886; Syll. Fung. **4**: 444. 1886; Wisc. Acad. Trans. **14**: 97. 1903; *l. c.* **17**: 895. 1914.
489. *C. unicolor*[1] Sacc. & Penz. Michelia **2**: 642. 1882; Stevens, The Fungi which Cause Plant Disease, p. 631. 1913.
490. *C. vaginae* Kreuger in Mededeel. Proefst. Suiker. **24**: 8. 1896; Syll. Fung. **14**: 1106. 1899; U. S. D. A. Bull. 1366. 1926.
491. *C. varia* Peck, N. Y. Mus. Rept. **35**: 141. 1884; Syll. Fung. **4**: 468. 1886; Jour. Myc. **1**: 63. 1885; Univ. Maine Studies **3**[1]: 22. 1902; Wisc. Acad. Trans. **18**: 294. 1915; *l. c.* **20**: 422. 1922.
492. *C. variicolor* Wint. Hedw. **24**: 205. 1885; Syll. Fung. **4**: 431. 1886; Jour. Myc. **1**: 124. 1885.
493. *C. velutina* Ell. & Kell. Torr. Bot. Club Bull. **11**: 122. 1884; Syll. Fung. **4**: 439. 1886; Jour. Myc. **1**: 52. 1885; Wisc. Acad. Trans. **19**: 702. 1919; *l. c.* **21**: 258. 1924.
494. *C. venturioides* Peck, N. Y. Mus. Rept. **34**: 47. 1881; Am. Nat. **16**: 810. 1882, as *C. Asclepiadis* Ell.; Syll. Fung. **4**: 451. 1886; Jour. Myc. **1**: 20. 1885, as *C. Asclepiadis* Ell.
495. *C. verbascicola* Ell. & Ev. Jour. Myc. **4**: 3. 1888; Syll. Fung. **10**: 633. 1892.
496. *C. Verbenae-strictae* Peck, N. Y. Mus. Bull. 150: 51. 1911; Wisc. Acad. Trans. **21**: 286. 1924.
497. *C. verbenicola* Ell. & Ev. Jour. Myc. **3**: 19. 1887; Syll. Fung. **10**: 632. 1892; Iowa Acad. Proc. **7**: 165. 1899.
498. *C. Vernoniae* Ell. & Kell. Am. Nat. **17**: 1166. 1883; Syll. Fung. **4**: 443. 1886; Hedw. **24**: 206. 1885; Jour. Myc. **1**: 21. 1885; Elisha Mitchell Sci. Soc. Jour. **8**: 46. 1892; Wisc. Acad. Trans. **9**: 168. 1893; *l. c.* **17**: 894. 1914; Cornell Univ. Bull. **3**[1]: 41. 1897; B. P. I. Bull. 226: 94. 1912.

[1] This species was originally reported on *Laurus nobilis*. The reference to it on a species of *Lilium* might well be questioned.

499. *C. vexans* C. Massal. Ann. Myc. **4:** 494. 1906; Syll. Fung. **22:** 1417. 1913; Wisc. Acad. Trans. **20:** 421. 1922.
500. *C. Viciae* Ell. & Holw. Jour. Myc. **1:** 5, 39. 1885; Syll. Fung. **4:** 438. 1886; Wisc. Acad. Trans. **17:** 892. 1914; *l. c.* **21:** 258. 1924.
501. *C. Vignae* Ell. & Ev. Jour. Myc **3:** 19. 1887; Syll. Fung. **10:** 621. 1892; B. P. I. Bull. 226: 48. 1912.
502. *C. viminei* Tehon, Myc. **16:** 141. 1924.
503. *C. Vincetoxici* Ell. & Ev. Jour. Myc. **8:** 73. 1902; Syll. Fung. **18:** 609. 1906.
504. *C. Violae* Sacc. Nuovo Giorn. Bot. Ital. **8:** 187. 1876; Syll. Fung. **4:** 434. 1886; Jour. Myc. **1:** 19. 1885; N. Y. Mus. Rept. **38:** 100. 1885; Elisha Mitchell Sci. Soc. Jour. **8:** 53. 1892; Field Mus. Bot. Ser. Rept. **1:** 93. 1896; B. P. I. Bull. 226: 89. 1912; N. J. Agr. Sta. Bull. 313: 142. 1917; Wisc. Acad. Trans. **20:** 421. 1922.
505. *C. viridula* Ell. & Ev. Jour. Myc. **5:** 70. 1889; Syll. Fung. **10:** 632. 1892.
506. *C. Viticis* Ell. & Ev. Jour. Myc. **3:** 18. 1887; Syll. Fung. **10:** 648. 1892; B. P. I. Bull. 226: 70. 1912.
507. *C. Vitis* (Lév.) Sacc. in Rab. Fungi Eur. 2150; Ann. Sci. Nat. Bot. III. **9:** 261. 1848, as *Septonema Vitis* Lév.; Syll. Fung. **4:** 458. 1886, as *C. viticola* (Ces.) Sacc.; Hedw. **24:** 206. 1885; Elisha Mitchell Sci. Soc. Jour. **8:** 56. 1892, as *C. viticola* (Ces.) Sacc.; B. P. I. Bull. 226: 34. 1912.
508. *C. vulpinae* Ell. & Kell. Jour. Myc. **3:** 127. 1887; Syll. Fung. **10:** 638. 1892.
509. *C. Weigelae* Ell. & Ev. Acad. Phila. Proc. **1893:** 170. 1893; Syll. Fung. **11:** 628. 1895.
510. *C. xanthicola* Heald & Wolf, Myc. **3:** 20. 1911; B. P. I. Bull. 226: 91. 1912.
511. *C. Xanthoxyli* Cooke, Grev. **12:** 30. 1883; Syll. Fung. **4:** 465. 1886; Jour. Myc. **1:** 34. 1885.
512. *C. Xyridis* Miles, Myc. **18:** 168. 1926.
513. *C. Zeae-Maydis* Tehon & Daniels, Myc. **17:** 248. 1925.
514. *C. zebrina*[1] Pass. Hedw. **16:** 124. 1877; Syll. Fung. **4:** 437. 1886; Jour. Myc. **1:** 39. 1885; Wisc. Acad. Trans. **17:** 892. 1914; *l. c.* **21:** 294. 1924; Myc. **16:** 125. 1924.
515. *C. Zinniae* Ell. & Mart. Jour. Myc. **1:** 20. 1885; Syll. Fung. **4:** 443. 1886; Elisha Mitchell Sci. Soc. Jour. **8:** 42. 1892.
516. *C. Ziziae* Ell. & Ev. Jour. Myc. **3:** 16. 1887; Syll. Fung. **10:** 625. 1892; Wisc. Acad. Trans. **9:** 168. 1892; *l. c.* **17:** 893. 1914.

[1] Note from Wisc. Acad. Trans. **21:** 294. 1924: "The publication of this name seems to antedate that of *C. helvola* Sacc." but Davis in *l. c.* **19:** 675. 1919, notes that "*C. zebrina* Pass. is referred to *C. helvola* Sacc. as a variety by Ferraris (Fl. Ital. Crypt. **1:** 8, 423)."

Host Families and Their Cercosporas

The name of the family is followed by a number which refers to the species number as given in the "Index to Species of Cercospora."

Acanthaceae—118, 145.
Aceraceae—326.
Alismaceae—15, 352, 421.
Amaranthaceae—7, 16, 63, 73, 124.
Amaryllidaceae—20, 354.
Anacardiaceae—53, 250, 405, 406, 480.
Anonaceae—41.
Apocynaceae—32, 330, 401.
Aquifoliaceae—246, 247, 390.
Araceae—70, 352, 465.
Araliaceae—22, 47, 269.
Asclepiadaceae—40, 54, 66, 100, 164, 225, 248, 249, 494, 503.
Begoniaceae—*C.* sp.
Berberidaceae—85, 376.
Bignoniaceae—75, 82, 159, 261, 451.
Boraginaceae—228.
Campanulaceae—161.
Capparidaceae—102, 119.
Caprifoliaceae—27, 83, 140, 147, 264, 464, 476, 491, 509.
Caryophyllaceae—315, 316.
Celastraceae—143, 177, 303.
Chenopodiaceae—26, 55, 157, 191.
Compositae—1, 12, 13, 25, 36, 43, 45, 52, 56, 68, 80, 93, 95, 98, 101, 106, 148, 155, 162, 165, 171, 176, 178, 184, 197, 213, 214, 219, 221, 226, 227, 238, 259, 291, 301, 310, 335, 339, 340, 342, 351, 361, 383, 395, 396, 398, 409, 419, 432, 443, 444, 458, 466, 467, 481, 488, 498, 502, 510, 515, 522.
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Cornaceae—121, 122, 202, 211, 338.
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Addenda

Althaea rosea Cav.

517. *C. nebulosa* Sacc. Nuovo Giorn. Bot. Ital. **8:** 189. 1876; U. S. D. A. Bull. 1366. 1926.

Celtis?

518. *C. Spegazzinii*[1] Sacc. Syll. Fung. **4:** 475. 1886; Fung. Fl. Kansas p. 10. 1927.

Delphinium spp.

519. *C. Delphinii* Thuem. Bull. Soc. Imp. Nat. Moscou **55: 75.** 1880; Syll. Fung. **4:** 432. 1886; U. S. D. A. Bull. 1366. 1926.

Glycine Max Merr.

520. *C. diazu* Miura, Bull. So. Manchurian Ry. Co., Agr. Exp. Sta.[2] **11:** 1921; Jour. Agr. Res. **33:** 393. 1926; *l. c.* **36:** 827. 1928.

Martynia louisiana Mill.

521. *C. decolor*[1] Pass. Syll. Fung. **4:** 448. 1886; Fung. Fl. Kansas p. 8. 1927.

Solidago serotina Ait.

522. *C. fulvescens* Sacc. Nuovo Giorn. Bot. Ital. **8:** 189. 1896; Syll. Fung. **4:** 445. 1886; Fung. Fl. Kansas p. 9. 1927.

[1] The original citations have not been available for verification and are therefore omitted.

[2] The English abstract in the Jap. Jour. Bot. **1**[1]: (9). 1922, indicates this as the original place of description.