

**Monika Kozłowska, Wiesław Mułenko
Marcin Anusiewicz, Marek Wołkowycki**



Checklist of microfungi and larger ascomycetes of Białowieża Forest

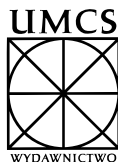
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and larger ascomycetes
of Białowieża Forest**

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Introduction

53 years ago, in 1966, the 4th Congress of European Mycologists was organized in Poland, during which trips to various regions of our country took place. One of the routes led to the Białowieża Forest (Anonymous 1968).

At that time, in the first half of the 20th century, the fungal biota in the Białowieża Forest was known to a relatively small extent. The trip of European mycologists resulted in the discovery of many species previously unreported or rare in Poland. Moreover, on the basis of materials from the Białowieża Forest new species have been described. The intensive development of mycological research in the Forest began in the following years and resulted in another interesting findings.

A few years ago, work began on a synthetic study on microfungi known from the Białowieża Forest. At present, the catalog of species is being completed. For the purposes of the present, 18th Congress, and wanting to bring closer the knowledge of this group, we have developed a simple list of species, including hosts and inhabited substrates. It comprises 1667 species that have been reported in the mycological literature and identified in herbarial vouchers. The final part of the list is an index of hosts and substrates, that enables orientation in a number of species of fungi associated with each of them.

The current study omits the detailed characteristics of nature of the Białowieża Forest, as well as the history of mycological research in this area.

Full details, along with the literature on the subject, will be presented in a forthcoming detailed, monographic study concerning microfungi and larger ascomycetes of the Białowieża Forest, expected to be published in 2019.

The microfungi – an object of study

The current paper provides a list of species classified as so-called microscopic fungi (microfungi). The vast majority of them occur in the form of vegetative mycelium, do not form fruiting bodies or their generative structures are very small (less than 1 mm). They are parasites of other organisms (plants, animals, other fungi), saprobionts decomposing plant remains, endophytes, endomycorrhiza-forming species and soil- and water-inhabiting fungi. Also, the fungal analogues from Chromista (oomycetes) and Protozoa (slime moulds) are included in the list.

The division into microfungi and macrofungi is conventional and does not specify the species classification into a particular taxonomic unit. This applies especially to ascomycetes (e.g. former class of Discomycetes), that includes organisms classified as both micro- and macrofungi.

Preliminary results

1667 species were found in the Białowieża Forest based on the literature data and herbarium vouchers deposited in Herbarium Universitatis Mariae Curie-Skłodowska (LBL) in Lublin (acronym according to Index Herbariorum; Thiers 2015), and in private herbarium of one of the author (herb. M. Wołkowycki, Hajnówka). Majority of the species (1396 species, 84%) belong to true fungi (Fungi kingdom) from five phyla: Ascomycota (subphyla Pezizomycotina and Taphrinomycotina), Basidiomycota (Agaricomycotina, Pucciniomycotina, Ustilaginomycotina), Blastocladiomycota, Chytridiomycota and Zygomycota (subphyla Entomophthoromycotina, Mortierellomycotina, Mucoromycotina and Zoopagomycotina). Fungi recorded in the anamorphic stage mostly represent ascomycetes. The less numerous group (271 species, 16%) consists of fungus-like organisms belonging to kingdom Chromista (phylum Oomycota) and Protozoa (phylum Amoebozoa, subphylum Mycetozoa): 143 species (9%) and 128 species (7%), respectively.

The list of the fungal species

Data synthesized in the form of species list come from published results of ecological, phytopathological and chorological studies and they greatly vary in the form, scope and accuracy. The list begins with a species of true fungi (Fungi), followed by chromistan and protozoan fungal analogues. Within these higher taxa, the list of species is organized alphabetically by phylum and by species name. The list adopts the following rules for providing information about taxonomic position of species and substrates and plant organs inhabited by fungi:

1. names of accepted fungal species are typed in bold while names of doubtful species in terms of identification or occurrence at the area are preceded by a question mark '?';
2. names of fungi, plants and animals are listed together with synonyms used in the data sources. Such names are given a reference to the proper name in form of arrow '→'. Symbol '●→' is used to indicate the host species or substrate inhabited;
3. host species are annotated with additional information (e.g. taxonomic affiliation, substrate, inhabited organ) that is given in brackets at the end of the sentence; if these data apply to all host species listed at the entry, they are given first (before the list of hosts);
4. some substrates were reported in a general way in the literature (e.g. wood, bark, logs, plant litter), then they were placed at the beginning of the sentence (before the list of Latin names of host species).

The general taxonomic system of fungi is based on the recent 10th edition of the Dictionary of the Fungi (Kirk *et al.* 2008).

The names of fungal species have been adopted mainly on the basis of the monographic studies of specific taxa listed below – phyla, orders, genera or morphological groups (e.g. cercosporoid fungi), as well as Polish checklists (Drozdowicz *et al.* 2003; Chmiel 2006; Mułenko *et al.* 2008).

Ascomycota: Erysiphales (Braun 1987, 1995a; Braun & Takamatsu 2000; Braun & Cook 2012); Helotiales, Pezizales, Phyllachorales and Rhytismatales (Chmiel 2006; Lizoň 1992); Laboulbeniales (Majewski 1994, 2003, 2008); Taphrinales, including former Protomycetales (Sałata 1974, 1979; Bacigálová 2010).

Basidiomycota: Entylomatales, Microbotryales, Tilletiales, Ustilaginales, Urocystidales (Kochman & Majewski 1973; Vánky 1985, 1994, 2012); Exobasidiales (Nannfeldt 1981); Pucciniales (Majewski 1977, 1979; Urban & Marková 2009).

Anamorphic fungi: hyphomycetes (Borowska 1986; Braun 1995b, 1998; Crous & Braun 2003; Wołczańska 2005; Crous *et al.* 2007; Simmons 2007; Bensch *et al.* 2012; Świdarska-Burek 2015); coelomycetes (Sutton 1980; Melnik 2000; Sałata 2002; Boerema *et al.* 2004; Wołczańska 2013; Ruszkiewicz-Michalska 2016).

Zygomycota: Entomophthorales (Bałazy 1993).

Oomycota: Albuginales, Peronosporales (Kochman & Majewski 1970; Constantinescu 1991; Voglmayr *et al.* 2006; Voglmayr & Constantinescu 2008).

Amebozoa (Myxomycetes): Krzemieniewska (1960); Neubert *et al.* (1993, 1995, 2000); Drozdowicz *et al.* (2003).

In order to verify uncertain or doubtful data, two global databases: Index Fungorum ([HYPERLINK “http://www.indexfungorum.org”](http://www.indexfungorum.org)) and MycoBank ([HYPERLINK “http://www.mycobank.org”](http://www.mycobank.org)) were also consulted.

Names of vascular plants mainly are listed after the two databases: The International Plant Names Index (www.ipni.org), The Plant List ([HYPERLINK “http://www.theplantlist.org”](http://www.theplantlist.org)) and in some cases after Polish checklist of vascular plants (Mirek *et al.* 2002).

FUNGI

ASCOMYCOTA

- Acompsomyces atomarius* Thaxt. ●→ Insects (Coleoptera): *Atomaria fuscipes* Gyllenhal.
- Acrospermum compressum* Tode ●→ *Urtica dioica* L. (overwintered stems).
- Acrospermum pallidum* Kirschst. ●→ Decaying stems of herbaceous plants.
- Adelphella babingtonii* (Berk. & Broome) Pfister, Matočec & I. Kušan [= *Pachyella babingtonii* (Berk. & Broome) Boud.] ●→ Wood.
- Alatosessilispora bibrachiata* K. Ando & Tubaki ●→ Plant debris.
- Alatospora acuminata* Ingold ●→ Water.
- Albotricha acutipila* (P. Karst.) Raitv. [= *Dasyscyphus acutipilus* (Karst.) Sacc., *Lachnum acutipilum* (P. Karst.) P. Karst.] ●→ Dead stems: *Phalaris arundinacea* L., *Phragmites australis* (Cav.) Trin. ex Steud.
- Albotricha albotestacea* (Desm.) Raitv. [= *Dasyscyphus albotestaceus* (Desm.) Masee, *Lachnum albotestaceum* (Desm.) P. Karst.] ●→ Dead stems of grasses.
- Aleuria aurantia* (Pers.) Fuck. ●→ Soil.
- Allantoportha decedens* → *Diaporthe decedens*
- Allantoportha tessella* → *Diaporthe decedens*
- Alternaria alternata* (Fries) Keissler ●→ *Stellaria holostea* L.
- Alternaria atra* (Preuss) Woudenb. & Crous [= *Ulocladium atrum* Preuss] ●→ *Picea abies* (L.) H. Karst. (fallen needles).
- Alternaria tenuissima* (Kunze) Wiltshire ●→ *Euphorbia cyparissias* L.
- Alternaria* sp. ●→ *Lupinus polyphyllus* Lindl., *Polemonium caeruleum* L., *Populus tremula* L., *Silene latifolia* Poir. [= *Melandrium album* (Mill.) Garcke].
- Ammniculicola longissima* (Sacc. & P. Syd.) Nadeeshan & K.D. Hyde [= *Anguillospora longissima* (Sacc. & P. Syd.) Ingold] ●→ Plant debris, water.
- Ampelomyces quisqualis* Ces. [= *Cicinobolus cesatii* de Bary] ●→ Hyperparasite of powdery mildew (fungi): *Golovinomyces artemisiae* (Grev.)

V.P. Heluta [=*Erysiphe artemisiae* Grev.] on *Artemisia vulgaris* L.; *Golovinomyces cichoracearum* (DC.) Gel. [=*Erysiphe cichoracearum* DC.] on *Tanacetum parthenium* (L.) Sch.Bip. [=*Chrysanthemum parthenium* (L.) Bernh.].

Amphiporthe hrancensis (Petr.) Petr. ●→ *Tilia cordata* Mill.

Amphiporthe leiphaemia (Fr.) Butin ●→ *Quercus robur* L. (dead twigs).

Amphiporthe tiliae (Sacc.) Rossman & Castl. ●→ *Tilia cordata* Mill. (dead twigs).

Amphisphaeria millepunctata (Fuck.) Petr. ●→ *Acer platanoides* L. (dead twigs).

Anguillospora longissima → *Amniculicola longissima*

Anguillospora pseudolongissima Ranzoni ●→ Plant debris.

Angulospora aquatica Sv. Nilsson ●→ Plant debris, water.

Anthostomella formosa Kirschst. ●→ *Pinus sylvestris* L.

Aphanandromyces audisioi W. Rossi ●→ Insects (Coleoptera): *Brachyp-terus urticae* Fabricius.

Apiocarpella anisomera → *Ascochyta anisomera*

Apiognomonium errabunda (Roberge ex Desm.) Höhn. [=*Gloeosporium tiliae* Oudem.] ●→ *Tilia cordata* Mill. [=*Tilia parvifolia* Ehrh. ex Hoffm.].

Apioportha vepris (Lacroix) Wehm. [=*Cryptodiaportha vepris* (Lacroix) Petr.] ●→ *Rubus idaeus* L.

Apiosporopsis carpinea (Fr.) Mariani [=*Sphaerognomonia carpinea* (Fr.) Potebnia] ●→ *Carpinus betulus* L.

Aplosporella clintonii (Peck) Petr. & Syd. ●→ *Acer platanoides* L. (dead twigs).

Aplosporella tiliacea (Peck) Petr. ●→ *Tilia cordata* Mill. (dead twigs).

Apomelasmia urticae → *Diaporthopsis urticae*

Apostemidium vibrisseoides → *Vibrissea vibrisseoides*

Arachnopeziza aurata Fuckel ●→ Bark, wood: *Betula* sp., *Picea abies* (L.) H. Karst.

Arborispora palma K. Ando ●→ Water.

Arbusculina fragmentans Marvanová ●→ Fragments of plants immersed in water, plant debris, water.

- Arbusculina irregularis* (R.H. Petersen) Marvanová & Descals [=*Speirop-sis irregularis* R.H. Petersen] ●→ Water.
- Arthrobotrys oligosporus* Fresen. ●→ Dung of herbivores, water.
- Asaphomyces agathidii* → *Euphoriomyces agathidii*
- Asaphomyces tubanticus* (Middelh. & Boelens ex Middelh.) Scheloske
●→ Insects (Coleoptera): *Catops coracinus* Kellner, *Catops fuscus* Panzer, *Catops nigricans* Spence, *Catops nigrita* Erichson, *Catops westi* Krogerus, *Nemadus colonoides* Kraatz, *Sciodrepoides fumatus* Spence, *Sciodrepoides watsoni* Spence.
- Ascobolus albidus* P. Crouan & H. Crouan ●→ Dung of herbivores.
- Ascobolus crenulatus* P. Karst. ●→ Dung of herbivores.
- Ascobolus furfuraceus* Pers. ●→ Dung of herbivores.
- Ascobolus immersus* Pers. ●→ Dung of herbivores.
- Ascobolus michaudii* Boud. ●→ Dung of herbivores.
- Ascobolus minutus* Boud. ●→ Dung of herbivores.
- Ascochyta anisomera* Kabát & Bubák [=*Apiocarpella anisomera* (Kabát & Bubák) Melnik] ●→ *Stellaria holostea* L., *Stellaria nemorum* L.
- Ascochyta bohemica* Kabát & Bubák ●→ *Campanula bononiensis* L.
- Ascochyta cheiranthi* Bres. ●→ *Rorippa amphibia* (L.) Besser.
- Ascochyta cytisi* Lib. ●→ *Lathyrus vernus* (L.) Bernh.
- Ascochyta dentariae* Breznev ●→ *Cardamine bulbifera* (L.) Crantz.
- Ascochyta humuliphila* Meln. ●→ *Humulus lupulus* L.
- Ascochyta lamiorum* Sacc. ●→ *Lamium galeobdolon* (L.) L. [=*Lamiast-rum galeobdolon* (L.) Ehrend. & Polatschek].
- Ascochyta leonuri* Ell. & Dearn. ●→ *Mentha ×verticillata* L.
- Ascochyta levistici* (Lebed.) Mel'nik ●→ *Angelica sylvestris* L.
- Ascochyta mercurialis* Bres. ●→ *Mercurialis perennis* L.
- Ascochyta phomoides* Saccardo ●→ *Aegopodium podagraria* L.
- Ascochyta pisi* → *Didymella pisi*
- Ascochyta podagrariae* Bresadola ●→ *Aegopodium podagraria* L.
- Ascochyta polemonii* Cavara ●→ *Polemonium caeruleum* L.
- Ascochyta sonchi* (Sacc.) Grove ●→ *Cirsium oleraceum* (L.) Scop.
- Ascochyta spiraeae* Kabát & Bubák ●→ *Sorbaria sorbifolia* (L.) A. Braun.
- Ascochyta stellariae* Fautner ●→ *Stellaria holostea* L.

- Ascochyta teretiuscula* Sacc. & Roum [= *Ascochyta teretiuscula* var. *caricicola* Sacc. & Roum.] ● → *Carex pilosa* Scop.
Ascochyta teretiuscula var. *caricicola* → ***Ascochyta teretiuscula***
Ascochyta urticae A.L. Sm. & Ramsb. ● → *Urtica dioica* L.
Ascochyta violae Sacc. & Speg. ● → *Viola reichenbachiana* Jord. ex Boreau.
Ascochyta volubilis Sacc. & Malbr. ● → *Persicaria hydropiper* (L.) De-larbre. [= *Polygonum hydropiper* L.].
Ascocoryne cylichnium (Tul.) Korf ● → Bark, wood: *Alnus glutinosa* (L.) Gaertn., *Carpinus betulus* L., *Quercus robur* L., *Tilia cordata* Mill.
Ascocoryne inflata (Schaeff.) D.E. Wilson ● → Substrate not listed.
Ascocoryne sarcoides (Jacq.) J.W. Groves & D.E. Wilson ● → Bark, wood: *Betula* sp., *Fraxinus excelsior* L., *Tilia cordata* Mill.
Ascophanus cinerellus (P. Karst.) Speg. ● → Dung of herbivores.
Ascophanus granulatus → ***Cheilymenia granulata***
Ascotremella faginea (Peck) Seaver ● → Wood.
Ascozonus woolhopensis (Renny) Boud. ● → Dung of herbivores.
Aspergillus niger Tiegh. ● → Plant debris, water.
Asteroma alneum (Pers. ex Fr.) Sutton ● → *Alnus glutinosa* (L.) Gaertn.
Asteroma alni Allesch. ● → *Alnus glutinosa* (L.) Gaertn., *Alnus incana* (L.) Moench.
Asteroma carpini → ***Gnomonia fimbriata***
Asteroma frondicola → ***Sphaerulina frondicola***
Asteroma leptothyrioides (Kabát & Bubák) B. Sutton ● → *Betula pendula* Roth, *Betula pubescens* Ehrh.
Asteroma tiliae → ***Paraconiothyrium tiliae***
Asteromella adeana Petr. ● → *Viburnum opulus* L.
Asteromella aegopodii → ***Mycosphaerella podagrariae***
Asteromella alnicola (C. Massal.) Ruzsk.-Mich. [= *Phyllosticta alnicola* C. Massal.] ● → *Alnus glutinosa* (L.) Gaertn.
Asteromella cicutae (Lind) Aa [= *Phyllosticta cicutae* Lind] ● → *Cicuta virosa* L.
Asteromella euonymella (Sacc.) Aa & Vanev [= *Phyllosticta euonymella* Sacc.] ● → *Euonymus europaeus* L.

- Asteromella lysimachiae* (Allesch.) Ruzsk.-Mich. [= *Phyllosticta lysimachiae* Allesch.] ●→ *Lysimachia vulgaris* L.
- Asteromella maculiformis* (Sacc.) Petr. [= *Phyllosticta betulae* Oudem., *Phyllosticta betulina* Sacc.] ●→ *Betula pendula* Roth, *Betula pubescens* Ehrh.
- Asteromella platanoidis* (Sacc.) Petr. [= *Phyllosticta platanoidis* Sacc.] ●→ *Acer platanoides* L.
- Asteromella pruni-mahaleb* (Pass.) Bedlan [= *Phyllosticta passerini* Berl. & Vogl.] ●→ *Prunus padus* L. [= *Padus avium* Mill.].
- Asteromella quercifolii* Massal. ●→ *Quercus robur* L.
- Asteromella ranunculi* (Fuckel) Vanev & Aa ●→ *Ranunculus lanuginosus* L.
- Asteromella salicina* (Kabát & Bubák) Ruzsk.-Mich. [= *Phyllosticta salicina* Kabát & Bubák] ●→ *Salix caprea* L.
- ?*Asteromella scorzonerae* (Petra) Petra ●→ *Scorzonera humilis* L.
- Asteromella senecionis-nemorensis* (Sävul. & Sandu) Vanev & Aa [= *Phyllosticta senecionis-nemorensis* Sävil. & Sandu] ●→ *Senecio paludosus* L.
- Asteromella sorbicola* (Rabenh.) U. Braun & Ruzsk.-Mich. ●→ *Sorbus aucuparia* L.
- Asteromella tiliicola* (Oudem.) Arx ●→ *Tilia cordata* Mill.
- Astrosphaeriella applanata* (Fr.) Scheinpflug [= *Kirschsteiniella applanata* (Fr.) Petr.] ●→ Rotten wood.
- Atopospora betulina* (Fr.) Petr. ●→ *Betula pubescens* Ehrh.
- Aureobasidium microstictum* (Bubák) W.B. Cooke ●→ *Maianthemum bifolium* (L.) F.W. Schmidt, *Polygonatum multiflorum* (L.) All.
- Autoicomycetes aquatilis* (F. Picard) I.I. Tav. ●→ Insects (Coleoptera): *Hydrochus brevis* Herbst, *Hydrochus carinatus* Germar.
- ?*Autoicomycetes* sp. ●→ Insects (Coleoptera): *Hydrochus carinatus* Germar.
- Bacillispora aquatica* → *Cylindrocarpon aquaticum*
- Bactridium flavum* Kunze ●→ Rotten wood.
- Beauveria* sp. ●→ Rotten wood.
- Bertia moriformis* (Tode) De Not. var. *moriformis* ●→ *Betula* sp. (bark, wood), *Carpinus betulus* L.

- Bertia moriformis* (Tode) De Not. var. *latispora* Corlett & J.C. Krug ●→
Carpinus betulus L., *Picea abies* (L.) H. Karst. (wood).
- Bertia moriformis* (Tode) De Not. var. *multiseptata* Sivan. ●→ Wood:
Acer platanoides L., *Pinus sylvestris* L.
- Beverwykella pulmonaria* (Beverw.) Tubaki ●→ Fragments of plants
immersed in water.
- Bisporella citrina* (Batsch) Korf & S.E. Carp. [= *Calycella citrina* (Hedw.)
Boud, *Helotium citrinum* (Hedw.) Fr.] ●→ Bark, wood: *Betula* sp.,
Carpinus betulus L., *Fraxinus excelsior* L., *Picea abies* (L.) H. Karst.,
Quercus robur L., liverworts (dead thallus): *Marchantia* sp.
- Blumeria graminis* (DC.) Speer [= *Erysiphe graminis* DC. ex Mérat] ●→
Dactylis glomerata L. [= *Dactylis aschersoniana* Graebn.], *Deschampsia*
cespitosa (L.) P. Beauv., *Elymus caninus* (L.) L., *Elymus repens*
(L.) Gould. [= *Agropyron repens* (L.) P. Beauv.], *Festuca gigantea*
(L.) Vill., *Hierochloe odorata* (L.) P. Beauv., *Milium effusum* L., *Poa*
palustris L., *Poa trivialis* L.
- Bolinia tubulina* → *Camarops polysperma*
- Bostrichonema polygoni* (Unger) J. Schröt. ●→ *Polygonum bistorta* L.
- Botryandromyces heteroceri* (Maire) I.I. Tav. & T. Majewski ●→ Insects
(Coleoptera): *Heterocerus fuscus* Kiesenwetter.
- Botryodiplodia acicola* (Sacc.) Petr [= *Diplodia acicola* Sacc.] ●→ *Pinus*
sylvestris L. (dead needles).
- Botryosphaeria stevensii* Shoemaker [= *Diplodia mutila* (Fr.) Mont.] ●→
Fraxinus excelsior L.
- Botryotinia fuckeliana* (de Bary) Whetzel ●→ *Quercus robur* L. (fruits).
- Botrytis cinerea* Pers ex. Nocca & Balbis ●→ *Calla palustris* L., *Lathyrus*
vernus (L.) Bernh., *Lysimachia thyrsiflora* L., *Lysimachia vulgaris*
L., *Maianthemum bifolium* (L.) F.W. Schmidt, *Stellaria holostea* L.,
Trifolium pratense L.
- Botrytis convallariae* (Kleb.) Ondrej ●→ *Convallaria majalis* L., *Maianthemum*
bifolium (L.) F.W. Schmidt.
- Botrytis globosa* Raabe ●→ *Allium ursinum* L.
- Breviappendix rostellata* (Fr.) Senan. & K.D. Hyde [= *Gnomonia rostellata*
(Fr.) Wehm.] ●→ *Rubus idaeus* L. (overwintered stems).
- Brunchorstia pinea* → *Gremmeniella abietina*

- Bryoscyphus marchantiae* (Fr.) Spooner ●→ Liverworts (dead thallus):
Marchantia sp.
- Bulgaria inquinans* (Pers.) Fr. [= *Bulgaria polymorpha* (Oeder) Wettst.]
●→ Bark, rotten wood, logs: *Betula* sp., *Quercus robur* L.
- Bulgaria polymorpha* → *Bulgaria inquinans*
- Byssonectria fusispora* (Berk.) Rogerson & Korf ●→ Plant litter.
- Calloria neglecta* (Lib.) B. Hein ●→ *Urtica dioica* L. (dead stems).
- Calosphaeria vibratilis* → *Phaeoacremonium vibratile*
- Calosphaeria wahlenbergii* Nitschke ●→ *Betula pendula* Roth.
- Calycella citrina* → *Bisporella citrina*
- Calycella lenticularis* (Bull.) Boud. [= *Helotium lenticulare* (Bull.) Fr.]
●→ Substrate not listed.
- Calycellina lachnobrachya* (Desm.) Baral [= *Hyaloscypha lachnobrachya*
(Desm.) Nannf., *Phialina lachnobrachya* (Desm.) Raitv.] ●→ Fallen
leaves: *Carpinus betulus* L., *Acer platanoides* L.
- Calycellina punctiformis* (Grev.) Höhn. ●→ *Quercus robur* L. (fallen
leaves).
- Calycina alniella* (Nyl.) Baral [= *Pezizella alniella* (Nyl.) Dennis] ●→
Alnus glutinosa (L.) Gaertn. (fallen female catkins).
- Calyculosphaeria collapsa* → *Nitschkia collapsa*
- Camarops microspora* (P. Karst.) Shear ●→ *Alnus glutinosa* (L.) Gaertn.
(bark).
- Camarops polysperma* (Mont.) J.H. Mill. ●→ Wood of deciduous trees
incl.: *Carpinus betulus* L. (trunks).
- Camarops tubulina* (Alb. & Schwein.) Shear ●→ Wood of coniferous
trees incl.: *Picea abies* (L.) H. Karst. (dead trunk, stump).
- Camposporium pellucidum* (Grove) S. Hughes ●→ Plant debris.
- Canalisporium caribense* (Hol.-Jech. & Mercado) Nawawi & Kuthub.
●→ Plant debris, water.
- Canalisporium pulchrum* (Hol.-Jech. & Mercado) Nawawi & Kuthub.
●→ Water.
- Cantharomyces denigratus* Thaxt. ●→ Insects (Coleoptera): *Dryops*
auriculatus Geoffroy.
- Cantharomyces italicus* Spig. ●→ Insects (Coleoptera): *Dryops auricu-*
latus Geoffroy, *Dryops griseus* Erichson.

- Cantharomyces orientalis* Speg. ●→ Insects (Coleoptera): *Carpelimus bilineatus* Stephens, *Carpelimus corticinus* Gravenhorst, *Carpelimus impressus* Lacordaire, *Carpelimus obesus* Kiesenwetter.
- Cantharomyces robustus* T. Majewski ●→ Insects (Coleoptera): *Carpelimus impressus* Lacordaire, *Carpelimus rivularis* Motschulsky.
- Cenangium acicola* (Fuckel) Rehm ●→ *Pinus sylvestris* L. (fallen needles).
Cenangium carpini → *Encoelia carpini*
- Cenococcum geophilum* Fr. ●→ Soil.
- Cenococcum graniforme* (Sowerby) Ferd. & Winge ●→ Soil.
- Centrospora aquatica* → *Mycocentrospora aquatica*
- Cephalotrichum microsporum* (Sacc.) P.M. Kirk [=*Doratomyces microsporus* (Sacc.) F.J. Morton & G. Sm.] ●→ Dung of herbivores.
- Ceratostoma rhynchophora* → *Ceratostomella rhynchophora*
- Ceratostomella rhynchophora* (De Not.) Réblová [=*Ceratostoma rhynchophora* (De Not.) Kirschst.] ●→ Fungi (old fruit body): *Fomes* sp.
- Ceratostomella ulmi* → *Ophiostoma ulmi*
- Cercospora ariae* → *Passalora ariae*
- Cercospora armoraciae* Sacc. [=*Cercospora cardamines* Losa] ●→ *Cardamine amara* L.
- Cercospora campi-silii* → *Passalora campi-silii*
- Cercospora cardamines* → *Cercospora armoraciae*
- Cercospora chenopodii* Fresen. ●→ *Chenopodium album* L.
- Cercospora comari* Peck [=*Passalora comari* (Peck) U. Braun] ●→ *Comarum palustre* L. [=*Potentilla palustris* (L.) Scop.].
- Cercospora concors* → *Passalora concors*
- Cercospora ferruginea* → *Ragnhildiana ferruginea*
- Cercospora maianthemii* Fuckel ●→ *Maianthemum bifolium* (L.) F.W. Schmidt.
- Cercospora marginalis* → *Passalora ribis-rubri*
- Cercospora mercurialis* Pass. ●→ *Mercurialis perennis* L.
- Cercospora microsora* → *Paracercosporidium microsorum*
- Cercospora opuli* → *Pseudocercospora opuli*
- Cercospora pantoleuca* Sacc. ●→ *Plantago lanceolata* L.
- Cercospora paridis* Eriksson ●→ *Paris quadrifolia* L.
- Cercospora zebrina* Pass. ●→ *Trifolium campestre* Schreb.

- Cercospora cana* (Sacc.) Sacc. ●→ *Erigeron canadensis* L.
- Cercospora filicis-feminae* (Bres.) Höhn. ●→ Ferns: *Athyrium filix-femina* (L.) Roth.
- Cercospora lindaviana* (Jaap) U. Braun ●→ *Vicia sativa* L.
- Cercospora rubi* (G. Winter) Plakidas [= *Fusisporium rubi* G. Winter, *Ramularia rubi* (G. Winter) Wollenw.] ●→ *Rubus idaeus* L., *Rubus saxatilis* L.
- Cercospora virgaureae* (Thuem.) Allesch. ●→ *Solidago virgaurea* L.
- Cercosporidium depressum* → *Fusoidiella depressa*
- Cercosporidium graminis* → *Graminopassalora graminis*
- Chaetarthriomyces crassiappendicatus* Scheloske ●→ Insects (Coleoptera): *Chaetarthria seminulum* Herbst.
- Chaetopsis grisea* (Ehrenb.) Sacc. ●→ Wood of deciduous trees incl.: *Carpinus betulus* L.
- Chaetosphaeria inaequalis* (Grove) W. Gams & Hol.-Jech. [= *Gonytrichum caesium* var. *subglobosum* W. Gams & Hol.-Jech.] ●→ Wood of deciduous trees incl.: *Acer* sp.
- Chaetosphaeria myriocarpa* (Fr.) C. Booth ●→ *Quercus robur* L. (wood), fungi (dead stromata): Pyrenomycetes.
- Chaetosphaeria vermicularioides* (Sacc. & Roum.) W. Gams & Hol.-Jech. [= *Chloridium virescens* var. *caudigerum* (Höhn.) W. Gams & Hol.-Jech.] ●→ Wood of deciduous trees.
- Chalara breviclavata* Nag Raj & W.B. Kendr. ●→ Wood of deciduous trees incl.: *Carpinus betulus* L.
- Chalara cylindrica* P. Karst. ●→ Wood, bark, cones, needles.
- Chalara cylindrosperma* (Corda) S. Hughes ●→ Wood of deciduous trees incl.: *Carpinus betulus* L.
- Chalara inflatipes* (Preuss) Sacc. ●→ Fungi (old fruit body): *Polyporus* sp.
- Cheilaria agrostis* Lib. ●→ *Calamagrostis arundinacea* (L.) Roth.
- Cheilymenia crucipila* (Cooke & W. Phillips) Le Gal ●→ Dung of herbivores.
- Cheilymenia fimicola* (Bagl.) Dennis ●→ Dung of herbivores.
- Cheilymenia granulata* (Bull.) J. Moravec [= *Ascophanus granulatus* (Bull.) Speg., *Coprobria granulata* (Bull.) Boud.] ●→ Dung of herbivores.

- Cheilymenia stercorea* (Pers.) Boud. [= *Lachnea stercorea* (Pers.) Gillet var. *maialis* Svrček] ●→ Dung of herbivores, wood.
- Cheirospora botryospora* (Mont.) Berk. & Broome [= *Thyrsidium botryosporum* (Mont.) Mont.] ●→ *Alnus glutinosa* (L.) Gaertn., *Carpinus betulus* L. (twigs).
- Chitonomyces bidessarius* Thaxt. ●→ Insects (Coleoptera): *Bidessus pusillus* Fabricius, *Bidessus unistriatus* Schrank, *Hygrotus inaequalis* Fabricius.
- Chitonomyces ensiferus* Speg. ●→ Insects (Coleoptera): *Laccophilus hyalinus* Degeer, *Laccophilus minutus* Linnaeus.
- Chitonomyces hydroperi* Thaxt. ●→ Insects (Coleoptera): *Coelambus impessopunctatus* Schaller.
- Chitonomyces italicus* Speg. ●→ Insects (Coleoptera): *Laccophilus hyalinus* Degeer, *Laccophilus minutus* Linnaeus.
- Chitonomyces melanurus* Peyr. ●→ Insects (Coleoptera): *Laccophilus hyalinus* Degeer, *Laccophilus minutus* Linnaeus.
- Chitonomyces paradoxus* (Peyr.) Thaxt. ●→ Insects (Coleoptera): *Laccophilus hyalinus* Degeer, *Laccophilus minutus* Linnaeus.
- Chloridium chloroconium* (W. Gams & Hol.-Jech.) Rěblová & Seifert [= *Gonytrichum chlamydosporium* var. *simile* W. Gams & Hol.-Jech.] ●→ *Quercus robur* L. (wood).
- Chloridium virescens* var. *caudigerum* → *Chaetosphaeria vermicularioides*
- Chlorociboria aeruginascens* (Nyl.) Kanouse ex C.S. Ramamurthi, Korf & L.R. Batra [= *Chlorosplenium aeruginascens* (Nyl.) P. Karst.] ●→ Rotten logs of deciduous trees incl.: *Betula* sp. (bark, wood).
- Chlorociboria aeruginosa* (Oeder) Seaver ex C.S. Ramamurthi, Korf & L.R. Batra [= *Chlorosplenium aeruginosum* (Oeder) De Not.] ●→ Wood of deciduous trees incl.: *Betula* sp.
- Chlorosplenium aeruginascens* → *Chlorociboria aeruginascens*
- Chlorosplenium aeruginosum* → *Chlorociboria aeruginosa*
- Choiromyces meandriformis* → *Choiromyces venosus*
- Choiromyces venosus* (Fr.) Th. Fr. [= *Choiromyces meandriformis* Vitad.] ●→ Soil.
- Ciboria amentacea* (Balb.) Fuckel ●→ *Salix* sp. (female catkins).

- Ciboria batschiana* (Zopf) Buchw. [= *Sclerotinia pseudotuberosa* (Rehm) Rehm] ●→ *Quercus robur* L. (mummified fruits).
- Ciboria uliginosa* Fr. ●→ *Alnus glutinosa* (L.) Gaertn. (female catkins).
- Ciborinia candolleana* (Lév.) Whetzel ●→ *Quercus robur* L. (leaves).
- Cicinobolus cesatii* → *Ampelomyces quisqualis*
- Cistella acuuum* (Alb. & Schwein.) Svrček [= *Dasyscyphus acuuum* (Alb. & Schwein.) Sacc.] ●→ *Picea abies* (L.) H. Karst. (fallen needles, bark, twigs), *Pinus sylvestris* L. (fallen needles).
- Cistella fugiens* (W. Phillips) Matheis [= *Dasyscyphus fugiens* (W. Phillips) Masee] ●→ *Juncus effusus* L. (overwintered stems).
- Cladosporium aecidiicola* Thüm. ●→ Hyperparasite of rusts (fungi): *Puccinia caricina* DC. [= *Puccinia ribesii-caricis* Kleb.] on *Ribes nigrum* L.; *Puccinia coronata* Corda on *Frangula alnus* Mill.
- Cladosporium herbarum* (Pers.) Link ●→ *Papaver rhoeas* L., *Stellaria holostea* L.
- Cladosporium galii* Mułenko, K. Schub. & M. Kozłowska ●→ *Galium odoratum* (L.) Scop.
- Clavariopsis aquatica* De Wild. ●→ Water.
- Claviceps purpurea* (Fr.) Tul. ●→ *Calamagrostis arundinacea* (L.) Roth, *Calamagrostis canescens* (Weber) Roth, *Dactylis glomerata* L. [= *Dactylis glomerata* subsp. *aschersoniana* (Graebn.) Thell.], *Deschampsia cespitosa* (L.) P. Beauv., *Festuca altissima* All., *Festuca gigantea* (L.) Vill., *Festuca* sp., *Molinia caerulea* (L.) Moench, *Phalaris arundinacea* L., *Phragmites australis* (Cav.) Trin. ex Steud., *Poa palustris* L., *Secale cereale* L.
- Coccomyces coronatus* (Schum.) De Not. ●→ *Quercus robur* L. (fallen leaves).
- Coleroa chaetomium* (Kunze) Rabenh. ●→ *Rubus idaeus* L.
- Coleroa robertiani* (Fr.) E. Muell. [= *Stigmatea robertiani* (Fr.) Fr.] ●→ *Geranium robertianum* L.
- Colispora elongata* Marvanová ●→ Water.
- Colletotrichum coccodes* (Wallr.) S. Hughes ●→ *Peucedanum* sp.
- Colletotrichum dematium* (Pers.) Grove [= *Vermicularia dematium* (Pers.) Fr.] ●→ *Calamagrostis arundinacea* (L.) Roth, *Juncus effusus* L.,

- Phyteuma spicatum* L., *Polygonatum multiflorum* (L.) All., *Stellaria holostea* L., *Viola odorata* L., *Viola reichenbachiana* Jord. ex Boreau.
- Colpoma quercinum*** (Pers.) Wallr. ●→ *Quercus robur* L. (wood).
- Coniochaeta ligniaria*** (Grev.) Cooke ●→ *Carpinus betulus* L. (dead twig).
- Coniochaeta malacotricha*** (Auersw. ex Niessl) Traverso ●→ *Pinus sylvestris* L. (wood).
- Coniothyrium cytisellum*** (Pass. & Thüm.) Sacc. ●→ *Chamaecytisus ruthenicus* (Fischer ex Woloszczak). [= *Cytisus ruthenicus* Fisch.].
- Coniothyrium fückelii* → ***Paraconiothyrium fückelii***
- Coniothyrium genistae*** (Roum.) Berl. & Voglino ●→ *Genista tinctoria* L.
- Coniothyrium olivaceum*** Bonord. [= *Microsphaeropsis olivacea* (Bonord.) Höhn.] ●→ *Prunus padus* L. [= *Padus avium* Mill.], *Tilia cordata* Mill.
- Coprobria granulata* → ***Cheilymenia granulata***
- Coprotus glaucellus*** (Rehm) Kimbr. ●→ Dung of herbivores.
- Coprotus lacteus*** (Cooke & W. Phillips) Kimbr., Luck-Allen & Cain ●→ Dung of herbivores.
- Coprotus ochraceus*** (H. Crouan & P. Crouan) Kar. Larsen ●→ Dung of herbivores.
- Cordyceps militaris*** (L.) Fr. ●→ Moth pupa (insects).
- Cordyceps ophioglossoides* → ***Tolypocladium ophioglossoides***
- Cordyceps rouxii* → ***Tolypocladium rouxii***
- Coreomyces arcuatus*** Thaxt. ●→ Insects (Hemiptera): *Callicorixa praeusta* Fieber, *Sigara falleni* Fieber, *Sigara semistriata* Fieber.
- Coreomyces corixae*** Thaxt. [= *Coreomyces italicus* Speng.] ●→ Insects (Hemiptera): *Sigara distincta* Fieber, *Sigara falleni* Fieber, *Sigara semistriata* Fieber.
- Coreomyces italicus* → ***Coreomyces corixae***
- Coreomyces macropus*** Thaxt. ●→ Insects (Hemiptera): *Callicorixa praeusta* Fieber, *Sigara distincta* Fieber, *Sigara falleni* Fieber, *Sigara semistriata* Fieber, *Sigara striata* Linnaeus.
- Corethromyces bialowiezensis*** T. Majewski ●→ Insects (Coleoptera): *Tachyporus solutus* Erichson.
- Corethromyces stilici*** Thaxt. ●→ Insects (Coleoptera): *Rugilus rufipes* Germar, *Rugilus* sp.

- Coronophora annexa** (Nitschke) Fuckel [=*Cryptosphaerella annexa* (Nitschke) Höhn.] ●→ Bark: *Alnus glutinosa* (L.) Gaertn., *Betula* sp.
- Coryneum brachyurum* → ***Coryneum lanciforme***
- Coryneum depressum* → ***Pseudovalsa umbonata***
- Coryneum disciforme*** Nees ●→ *Betula pubescens* Ehrh. (dead twigs).
- Coryneum lanciforme*** (Fr.) Voglmayr & Jaklitsch [=*Coryneum brachyurum* Link, *Pseudovalsa lanciformis* (Fr.) Ces. & De Not.] ●→ Bark, branches, twigs: *Betula pendula* Roth [=*Betula verrucosa* Ehrh.], *Betula pubescens* Ehrh., *Betula* sp., *Quercus robur* L.
- Coryneum*** sp. ●→ *Carpinus betulus* L. (dead twigs).
- Creopus gelatinosus* → ***Hypocrea gelatinosa***
- Crinula caliciformis* → ***Holwaya mucida***
- Crocicreas coronatum*** (Bull.) S.E. Carp. ●→ *Fraxinus excelsior* L. (petioles of fallen leaves), overwintered stems of herbaceous plants.
- Crocicreas cyathoidemum* → ***Cyathicula cyathoidea***
- Crocicreas dolosellum*** (P. Karst.) S.E. Carp. ●→ Overwintered stems of herbaceous plants incl.: *Urtica dioica*.
- Cryptandromyces brachyglutae* → ***Cryptandromyces elegans***
- Cryptandromyces bryaxidis*** T. Majewski ●→ Insects (Coleoptera): *Bryaxis bulbifer* Reichenbach.
- Cryptandromyces elegans*** (Maire) W. Rossi & D. Castaldo [=*Cryptandromyces brachyglutae* J. Siemaszko & Siemaszko] ●→ Insects (Coleoptera): *Brachygluta fossulata* Reichenbach.
- Cryptocline taxicola*** (Allesch.) Petr. [=*Gloeosporium taxicola* Allesch.] ●→ *Taxus baccata* L. (dead leaves).
- Cryptodiaporthe apiculata* → ***Plagiostoma apiculatum***
- Cryptodiaporthe salicella* → ***Plagiostoma salicellum***
- Cryptodiaporthe salicina* → ***Plagiostoma apiculatum***
- Cryptodiaporthe vepris* → ***Apioporthes vepris***
- Cryptomycella pteridis*** (Kalchbr.) Höhn. ●→ Ferns: *Pteridium aquilinum* (L.) Kuhn.
- Cryptomyces pteridis*** (Rebent.) Rehm ●→ Ferns: *Pteridium aquilinum* (L.) Kuhn.
- Cryptomycina pteridis*** (Rebent.) Höhnel ●→ Ferns: *Pteridium aquilinum* (L.) Kuhn.

- Cryptosphaerella annexa* → *Coronophora annexa*
Cryptosphaeria eunomia (Fr.) Fuckel ●→ *Fraxinus excelsior* L. (bark, branches, trunks).
Cryptosphaeria ocellata Ces. & De Not. ●→ *Fraxinus excelsior* L. (twigs).
Cryptosphaeria populina → *Cytospora populina*
Cryptosporella aurea → *Melanconis chrysostroma*
Cryptosporella suffusa (Fr.) L.C. Mejía & Castl. [= *Disculina vulgaris* (Fr.) B. Sutton, *Winterella suffusa* (Fr.) Kuntze] ●→ *Alnus glutinosa* (L.) Gaertn. (bark).
Cryptosporiopsis fasciculata (Tode) Petr. ●→ *Carpinus betulus* L.
Cryptosporiopsis quercina → *Pezicula cinnamomea*
Cryptosporium neesii Corda ●→ *Alnus glutinosa* (L.) Gaertn.
Cucurbitaria obducens → *Praetumpfia obducens*
Cucurbitaria pityophila → *Curreya pityophila*
Cudonia circinans (Pers.) Fr. ●→ Plant litter of coniferous trees.
Cudonia confusa Bres. ●→ Plant litter of coniferous trees.
Cudoniella acicularis (Bull.) Schröter ●→ Rotten wood incl.: *Quercus robur* L.
Culicidospora gravida R.H. Petersen ●→ Water.
Curreya pityophila (J.C. Schmidt & Kunze) Arx & E. Müll. [= *Cucurbitaria pityophila* (J.C. Schmidt & Kunze) De Not.] ●→ Substrate not listed.
Curvularia crepinii (Westendorp) Boedijn ●→ Ferns: *Ophioglossum vulgatum* L.
Cyathicula amenti (Batsch) Baral & R. Galán [= *Pezizella amenti* (Batsch) Dennis] ●→ *Salix* sp. (female catkins).
Cyathicula cyathoidea (Bull.) Thüm. [= *Crocicreas cyathoideum* (Bull.) S.E. Carp.] ●→ Overwintered stems of herbaceous plants.
Cyathipodia macropus → *Helvella macropus*
Cyclothyriella rubronotata (Berk. & Broome) Jaklitsch & Voglmayr [= *Cyclothyrium juglandis* (Schumach.) B. Sutton] ●→ Overwintered stems of herbaceous plants.
Cyclothyrium juglandis → *Cyclothyriella rubronotata*
Cylindrium griseum → *Fusidium griseum*
Cylindrocarpon aquaticum (Sv. Nilsson) Marvanová & Descals [= *Bacillispora aquatica* Sv. Nilsson] ●→ Plant debris, water.

- Cylindrotrichum oligospermum* (Corda) Bonord. ●→ Wood of deciduous trees.
- Cytospora abietis* → *Valsa abietis*
- Cytospora acharii* Sacc. ●→ *Acer platanoides* L. (dead twigs).
- Cytospora ambiens* → *Cytospora populina*
- Cytospora carphosperma* Fr. ●→ *Tilia cordata* Mill. (dead twigs).
- Cytospora ceratophora* Sacc. ●→ *Fraxinus excelsior* L. (dead twigs).
- Cytospora ceratosperma* (Tode) G.C. Adams & Rossman [=*Cytospora fuckelii* Sacc.] ●→ *Corylus avellana* L.
- Cytospora clypeata* → *Valsella clypeata*
- Cytospora decorticans* Sacc. ●→ *Carpinus betulus* L. (dead twigs).
- Cytospora epileuca* Sacc. ●→ *Frangula alnus* Mill. [=*Rhamnus frangula* L.] (dead twigs).
- Cytospora fraxini* Delacr. ●→ *Fraxinus excelsior* L. (dead twigs).
- Cytospora fugax* (Bull.) Fr. ●→ *Corylus avellana* L. (dead twigs).
- Cytospora horrida* Sacc. ●→ *Betula pendula* Roth.
- Cytospora kunzei* → *Leucostoma kunzei*
- Cytospora leucosperma* (Pers.) Fr. ●→ *Acer platanoides* L., *Carpinus betulus* L., *Tilia cordata* Mill.
- Cytospora leucostoma* → *Leucostoma persoonii*
- Cytospora nivea* → *Valsa nivea*
- Cytospora pinastri* Fr. ●→ *Pinus sylvestris* L.
- ?*Cytospora pini* Desm. ●→ *Pinus sylvestris* L. (dead twigs).
- Cytospora populina* (Pers.) Rabenh. [=*Cryptosphaeria populina* (Pers.) Sacc., *Cytospora ambiens* Sacc., *Valsa ambiens* (Pers.) Fr.] ●→ Bark, twigs: *Populus tremula* L., *Quercus robur* L., *Tilia cordata* Mill.
- Cytospora pruinosa* → *Valsa cypri*
- Cytospora sacculus* (Schwein.) Gvrit. ●→ *Quercus robur* L. (bark).
- Cytospora tiliae* → *Amphiportha tiliae*
- Dactylella aquatica* → *Tumularia aquatica*
- Dactylella submersa* (Ingold) Sv. Nilsson ●→ Plant debris in astatic water reservoir.
- Daldinia concentrica* (Bolton) Ces. & De Not. ●→ Rotten bark and wood incl.: *Alnus glutinosa* (L.) Gaertn. *Betula* sp., *Corylus avellana* L.
- Darluca filum* → *Sphaerellopsis filum*

- Dasyscyphella aeruginosa* → *Erinella aeruginosa*
Dasyscyphella montana Raitv. ● → *Alnus glutinosa* (L.) Gaertn. (log).
Dasyscyphella nivea (R. Hedw.) Raitv. [= *Dasyscyphus niveus* (Hedw.) Sacc.] ● → Wood of deciduous trees incl.: *Quercus robur* L.
Dasyscyphus acutipilus → *Albotricha acutipila*
Dasyscyphus acuuum → *Cistella acuuum*
Dasyscyphus albotestaceus → *Albotricha albotestacea*
Dasyscyphus bicolor → *Lachnum bicolor*
Dasyscyphus brevipilus → *Lachnum brevipilosum*
Dasyscyphus capitatus → *Lachnum capitatum*
Dasyscyphus caricis → *Lachnum caricis*
Dasyscyphus carneolus → *Lachnum carneolum*
Dasyscyphus cerinus → *Neodasyscypha cerina*
Dasyscyphus ciliaris → *Lachnum ciliare*
Dasyscyphus clandestinus → *Lachnum clandestinum*
Dasyscyphus controversus → *Lachnum controversum*
Dasyscyphus corticalis → *Lachnum corticale*
Dasyscyphus crystallinus → *Lachnum crystallinum*
Dasyscyphus diminutus → *Lachnum diminutum*
Dasyscyphus fascicularis → *Lachnum fasciculare*
Dasyscyphus fugiens → *Cistella fugiens*
Dasyscyphus fuscescens → *Lachnum fuscescens* var. *fuscescens*
Dasyscyphus mollissimus → *Lachnum mollissimum*
Dasyscyphus niveus → *Dasyscyphella nivea*
Dasyscyphus nudipes → *Lachnum nudipes*
Dasyscyphus papyraceus → *Lachnum papyraceum*
Dasyscyphus pudibundus → *Lachnum pudibundum*
Dasyscyphus pulverulentus → *Lachnum pulverulentum*
Dasyscyphus rhytismatis → *Lachnum rhytismatis*
Dasyscyphus salicariae → *Lachnum salicariae*
Dasyscyphus tenuissimus → *Lachnum tenuissimum*
Dasyscyphus virgineus → *Lachnum virgineum*
Deightonella arundinacea → *Utrechtiana arundinacea*
Desmazierella acicola Lib. ● → *Pinus sylvestris* L. (fallen needles).

Dialonectria episphaeria (Tode) Cooke [=*Nectria episphaeria* (Tode) Fr.] ●→ Fungi (old stromata): *Coryneum lanciforme* (Fr.) Voglmayr & Jaklitsch [=*Coryneum brachyurum* Link], *Diatrype decorticata* (Pers.) Rappaz, *Diatrype stigma* (Hoffm.) Fr. [=*Diatrype undulata* (Pers.) Fr.], *Diatrype rappazii* (Chleb.) Lar.N. Vassiljeva [=*Diatrype subaffixa* (Schwein.) Cooke var. *rappazii* Chleb.], *Diatrypella favacea* (Fr.) Ces. & De Not., *Hypoxylon fuscum* (Pers.) Fr., *Valsa abietis* (Fr.) Fr. [=*Cytospora abietis* Sacc.], *Valsa cypri* (Tul.) Tul. & C. Tul. [=*Cytospora pruinosa* (Fr.) Sacc.], *Valsa nivea* (Hoffm.) Fr. [=*Cytospora nivea* Fuckel].

Dialonectria sanguinea (Bolton) Cooke [=*Nectria sanguinea* (Bolton) Fr.] ●→ *Carpinus betulus* L. (wood).

Diaporthe bitorulosa → ***Melanconis chrysostroma***

Diaporthe carpini (Pers.) Fuckel ●→ *Carpinus betulus* L. (dead twigs).

Diaporthe conjuncta (Nees) Fuckel ●→ *Corylus avellana* L. (dead twigs).

Diaporthe decedens (Fr.) Fuckel [=*Allantoporthes decedens* (Fr.) M.E. Barr, *Allantoporthes tessella* (Pers.) Petr., *Diaporthe tessella* (Pers.) Rehm] ●→ *Corylus avellana* L., *Salix cinerea* L.

Diaporthe eres → ***Phomopsis velata***

Diaporthe fallaciosa Nitschke ●→ *Acer platanoides* L. (dead twigs).

Diaporthe impulsula (Cooke & Peck) Sacc. ●→ *Sorbus aucuparia* L.

Diaporthe larseniana Munk ●→ *Picea abies* (L.) H. Karst. (fallen twigs).

Diaporthe leiphaemia → ***Amphiporthes leiphaemia***

Diaporthe perjuncta Niessl ●→ *Ulmus glabra* Huds. [=*Ulmus scabra* Mill.] (dead twigs).

Diaporthe pungens → ***Phomopsis pungens***

Diaporthe revellens → ***Phomopsis revellens***

Diaporthe strumella (Fr.) Fuckel ●→ *Ribes* sp. (dead twigs).

Diaporthe syngenesia (Fr.) Fuckel ●→ *Frangula alnus* Mill. [=*Rhamnus frangula* L.] (twigs).

Diaporthe tessella → ***Diaporthe decedens***

Diaporthe velata → ***Phomopsis velata***

Diaporthe sp. ●→ Dead twigs: *Carpinus betulus* L., *Fraxinus excelsior* L.

Diaporthopsis urticae (Fr.) Arx & E. Müll. [=*Apomelasmia urticae* (Fr.) Grove] ●→ *Urtica dioica* L.

Diatrype bullata (Hoffm.) Fr. ●→ Dead branches: *Salix cinerea* L., *Salix* sp.

Diatrype corniculata → ***Peroneutypa corniculata***

Diatrype decorticata (Pers.) Rappaz ●→ Bark, wood incl.: *Acer platanoides* L., *Carpinus betulus* L., *Corylus avellana* L.

Diatrype disciformis (Hoffm.) Fr. ●→ *Corylus avellana* L. (dead twigs).

Diatrype flavovirens → ***Eutypa flavovirens***

Diatrype polycocca Fuckel ●→ *Acer platanoides* L. (bark of twigs).

Diatrype rappazii (Chleb.) Lar.N. Vassiljeva [= *Diatrype subaffixa* var. *rappazii* Chleb.] ●→ Bark, branches, trunks, twigs: *Acer platanoides* L., *Carpinus betulus* L., *Sambucus racemosa* L., *Sorbus aucuparia* L.

Diatrype spilomea Syd. ●→ *Acer platanoides* L. (bark, wood).

Diatrype stigma (Hoffm.) Fr. [= *Diatrype undulata* (Pers.) Fr., *Libertella betulina* Desm.] ●→ Bark, wood, twigs: *Acer platanoides* L., *Alnus glutinosa* (L.) Gaertn., *Betula pendula* Roth, *Betula* sp., *Carpinus betulus* L., *Corylus avellana* L., *Quercus robur* L.

Diatrype subaffixa var. *rappazii* → ***Diatrype rappazii***

Diatrype undulata → ***Diatrype stigma***

Diatrypella favacea (Fr.) Ces. & De Not. [= *Diatrypella tocciaeana* De Not., *Diatrypella verruciformis* (Ehrh.) Nitschke] ●→ Wood, bark, branches, dead twigs: *Acer platanoides* L., *Alnus glutinosa* (L.) Gaertn., *Betula pendula* Roth, *Betula pubescens* Ehrh., *Betula* sp., *Carpinus betulus* L., *Corylus avellana* L.

Diatrypella pulvinata Nitschke ●→ *Quercus robur* L. (bark, dead twigs).

Diatrypella quercina (Pers.) Cooke ●→ *Quercus robur* L. (wood, dead twigs).

Diatrypella tocciaeana → ***Diatrypella favacea***

Diatrypella verruciformis → ***Diatrypella favacea***

Didymella applanata (Niessl) Sacc. ●→ *Rubus idaeus* L. (overwintered stems).

Didymella holostea Sydow ●→ *Stellaria holostea* L.

Didymella pisi Chilvers, J.D. Rogers & Peever [= *Ascochyta pisi* Lib.] ●→ *Lathyrus vernus* (L.) Bernh.

Didymosphaeria futileis (Berk. & Broome) Rehm ●→ *Rubus idaeus* L. (overwintered stems).

- Dimeromyces balazucii*** W. Rossi & Cesari ●→ Insects (Coleoptera):
Scaphidema metallicum Gravenhorst.
- Dimorphospora foliicola*** Tubaki ●→ Water.
- Dinemasporium strigosum* → ***Phomatospora dinemasporium***
- Diplocarpon rosae*** (Lib.) Wolf. ●→ *Rosa* sp.
- Diplodia acicola* → ***Botryodiplodia acicola***
- Diplodia mutila* → ***Botryosphaeria stevensii***
- Diplodia pyrenophora*** (Berk. ex Sacc.) Crous & M.E. Palm [= *Dothiora pyrenophora* (Fr.) Fr.] ●→ *Sorbus aucuparia* L.
- Diplodia sarmentorum* → ***Dothiorella sarmentorum***
- Diplomyces clavifer*** W. Rossi & Cesari ●→ Insects (Coleoptera): *Erichsonius cinerascens* Gravenhorst.
- Diplosporonema delastrei*** (Lacroix) Petrak ●→ *Silene flos-cuculi* (L.) Greuter & Burdet [= *Lychnis flos-cuculi* L.].
- Dipodomyces phloeocharidis*** T. Majewski ●→ Insects (Coleoptera): *Phloeocharis subtilissima* Mannerheim.
- Discina ancilis*** (Pers.) Sacc. [= *Discina perlata* (Fr.) Fr.] ●→ Rotten wood incl.: *Quercus robur* L. (trunk).
- Discina perlata* → ***Discina ancilis***
- Discosia artocreas*** (Tode: Fr.) Fr. ●→ *Acer platanoides* L., *Anemone nemorosa* L., *Galium odoratum* (L.) Scop., *Lactuca muralis* (L.) Gaertn. [= *Mycelis muralis* (L.) Dumort.], *Moehringia trinervia* (L.) Clairv., *Oxalis acetosella* L., *Tilia cordata* Mill., *Viola reichenbachiana* Jord. ex Boreau, ferns: *Gymnocarpium dryopteris* (L.) Newman.
- Discosia lysimachiae*** Vanev. ●→ *Lysimachia nummularia* L.
- Discosia minuta*** Ces. ●→ *Hepatica nobilis* Mill.
- Discosia strobilina*** Libert ●→ *Picea abies* (L.) H. Karst. [= *Picea excelsa* (Lam.) Link] (cones).
- Discula betulina*** (West.) Arx ●→ *Betula pendula* Roth, *Betula pubescens* Ehrh.
- Discula umbrinella*** (Berk. & Br.) Sutton ●→ *Tilia cordata* Mill.
- Disculina betulina*** (Sacc.) Höhn. ●→ *Betula pendula* Roth.
- Disculina vulgaris* → ***Cryptosporella suffusa***
- Distolomyces forficulae*** (T. Majewski) I.I. Tav. ●→ Insects (Dermaptera): *Forficula auricularia* Linnaeus.

- Ditopella ditopa* (Fr.) J. Schröt. ●→ *Alnus glutinosa* (L.) Gaertn. (dead twigs).
- Doratomyces microsporus* → *Cephalotrichum microsporum*
- Dothidella ulmi* (C.-J. Duval) G. Winter [= *Platychora ulmi* (Schleicher) Petrak] ●→ *Ulmus glabra* Huds.
- Dothiora pyrenophora* → *Diplodia pyrenophora*
- Dothiorella advena* → *Fusicoccum advenum*
- Dothiorella sarmentorum* (Fr.) A.J.L. Phillips, A. Alves & J. Luque [= *Diplodia sarmentorum* (Fr.) Fr.] ●→ *Acer platanoides* L.
- Dothistroma septosporum* (Dorogin) M. Morelet ●→ *Picea abies* (L.) H. Karst. (fallen cones).
- Dumontinia tuberosa* (Hedw.) L.M. Kohn [= *Sclerotinia tuberosa* (Hedw.) Fuckel] ●→ *Anemone nemorosa* L. (rhizome).
- Ecteinyces trichopterophilus* Thaxt. ●→ Insects (Coleoptera): *Acrotrichis atomaria* Degeer, *Acrotrichis brevipennis* Erichson, *Acrotrichis danica* Sundt, *Acrotrichis fascicularis* Herbst, *Acrotrichis grandicollis* Mannerheim, *Acrotrichis intermedia* Gillmeister, *Acrotrichis rosskotheni* Sundt, *Acrotrichis rugulosa* Rosskothén, *Acrotrichis sericans* Heer, *Acrotrichis silvatica* Rosskothén, *Acrotrichis sitkaensis* Motsch., *Acrotrichis* sp., *Baeocrara variolosa* Mulsant & Rey.
- Elaphocordyceps ophioglossoides* → *Tolypocladium ophioglossoides*
- Elaphomyces asperulus* Vittad. ●→ Soil.
- Elaphomyces granulatus* Fries ●→ Soil.
- Elaphomyces muricatus* Fries ●→ Soil.
- Elaphomyces* sp. ●→ Soil.
- Enchnoa infernalis* (Kunze) Fuckel ●→ *Salix cinerea* L.
- Encoelia carpini* (Rehm) Boud. [= *Cenangium carpini* Rehm] ●→ *Carpinus betulus* L. (wood).
- Encoelia fascicularis* (Alb. & Schwein.) P. Karst. ●→ Branches: *Alnus glutinosa* (L.) Gaertn., *Fraxinus excelsior* L., *Populus tremula* L.
- Encoelia furfuracea* (Roth) P. Karst. ●→ *Carpinus betulus* L. (trunk, branches), *Corylus avellana* L. (bark, wood), overwintered stems of herbaceous plants.

- Endoconospora cerastii* Gjaerum ●→ *Cerastium fontanum* Baumg. subsp. *vulgare* (Hartm.) Greuter & Burdet. [= *Cerastium holosteoides* Fr. emend. Hyl.].
- Endophragmia hyalosperma* → *Sporidesmiella hyalosperma*
- Epichloe typhina* (Pers.) Tul. & C. Tul. ●→ *Agrostis stolonifera* L., *Calamagrostis arundinacea* (L.) Roth, *Dactylis glomerata* L., *Poa nemoralis* L., *Poa trivialis* L.
- Epicoccum nigrum* Link ●→ Plant debris.
- Erinella aeruginosa* Henn. [= *Dasyscyphella aeruginosa* (Henn.) Jacz.] ●→ Rotten wood incl.: *Betula* sp. (log), *Quercus robur* L. (branch, log, stump).
- Eriopezia caesia* (Pers.) Rehm ●→ *Quercus robur* L. (bark).
- Erysiphe adunca* (Wallr.) Fr. [= *Uncinula adunca* (Fr.) Lév., *Uncinula salicis* (DC.) Winter] ●→ *Populus tremula* L., *Salix caprea* L., *Salix cinerea* L., *Salix rosmarinifolia* L.
- Erysiphe alphitoides* (Griff. & Maubl.) U. Braun & S. Takam. [= *Microsphaera alphitoides* Griff. et Maubl., *Microsphaera quercina* Foex] ●→ *Quercus robur* L. [= *Quercus pedunculata* Hoffm.].
- Erysiphe aquilegiae* (on *Ranunculus*) → *Erysiphe aquilegiae* var. *ranunculi*
- Erysiphe aquilegiae* DC. var. *aquilegiae* [= *Erysiphe aquilegiae* DC.] ●→ *Aquilegia vulgaris* L., *Caltha palustris* L.
- Erysiphe aquilegiae* var. *ranunculi* (Greville) Zheng & Chen [= *Erysiphe aquilegiae* Grev., *Erysiphe ranunculi* Grev.] ●→ *Consolida ajacis* (L.) Schur [= *Consolida ambigua* (L.) P.W. Ball. & Heywood], *Ranunculus acris* L. [= *Ranunculus acer* L.], *Ranunculus lanuginosus* L., *Ranunculus repens* L., *Ranunculus sardous* Crantz, *Thalictrum aquilegifolium* L.
- Erysiphe arcuata* U. Braun, V.P. Heluta & S. Takam. ●→ *Carpinus betulus* L.
- Erysiphe artemisiae* → *Golovinomyces artemisiae*
- Erysiphe asperifoliorum* (on *Anchusa officinalis*) → *Erysiphe lycopsidis*
- Erysiphe asperifoliorum* → *Golovinomyces cynoglossi*
- Erysiphe astragali* DC. [= *Trichocladia astragali* (DC.) Neger., *Microsphaera astragali* DC.] ●→ *Astragalus glycyphyllos* L.

- Erysiphe baeumleri* (Magnus) U. Braun & S. Takam. [=Microsphaera baeumleri P. Magn.] ●→ *Vicia sylvatica* L.
- Erysiphe buhrii* U. Braun ●→ *Silene latifolia* Poir. [=Melandrium album (Mill.) Garcke].
- Erysiphe biocellata* → ***Golovinomyces biocellata***
- Erysiphe cichoracearum* (on *Polemonium*) → ***Golovinomyces magnicellulatus*** (U. Braun) Heluta var. *magnicellulatus*
- Erysiphe cichoracearum* (on *Rudbeckia*) → ***Golovinomyces ambrosiae***
- Erysiphe cichoracearum* (on *Verbascum*) → ***Golovinomyces verbasci***
- Erysiphe convolvuli* DC. var. *convolvuli* ●→ *Convolvulus arvensis* L.
- Erysiphe cruciferarum* Opiz ex. L. Junell ●→ *Alyssum alyssoides* (L.) L., *Berteroa incana* (L.) DC., *Capsella bursa-pastoris* (L.) Medik., *Descurainia sophia* (L.) Webb ex Prantl, *Hesperis matronalis* L., *Sisymbrium officinale* (L.) Scop.
- Erysiphe divaricata* (Wallr.) Schldt. [=Microsphaera divaricata (Wallr.) Lév.] ●→ *Frangula alnus* Mill.
- Erysiphe euonymi* DC. [=Microsphaera euonymi (DC.) Sacc., *Trichocladia euonymi* (DC.) Neger] ●→ *Euonymus europaeus* L.
- Erysiphe friesii* (Lév.) U. Braun & S. Takam. [=Microsphaera friesii Lév.] ●→ *Rhamnus cathartica* L.
- Erysiphe galeopsidis* → ***Neoerysiphe galeopsidis***
- Erysiphe galii* → ***Neoerysiphe galii***
- Erysiphe gorlenkoi* (F.T. Chien) U. Braun & S. Takam. [=Microsphaera gorlenkoi F.T. Chien] ●→ *Daphne mezereum* L.
- Erysiphe graminis* → ***Blumeria graminis***
- Erysiphe hedwigii* (Lév.) U. Braun & S. Takam. [=Microsphaera hedwigii Lév., *Microsphaera viburni* (Duby) Blumer] ●→ *Viburnum opulus* L.
- Erysiphe heraclei* DC. [=Erysiphe umbelliferarum de Bary] ●→ *Angelica sylvestris* L., *Anthriscus sylvestris* (L.) Hoffm., *Chaerophyllum hirsutum* L., *Heracleum sphondylium* L., *Heracleum sphondylium* subsp. *sibiricum* (L.) Simonk. [=Heracleum sibiricum L.], *Peucedanum oreoselinum* (L.) Moench, *Peucedanum palustre* (L.) Moench, *Pimpinella saxifraga* L., *Sium latifolium* L.
- Erysiphe howeana* U. Braun ●→ *Oenothera biennis* L.

- Erysiphe hyperici* (Wallr.) S. Blumer [=*Erysiphe martii* auct. p.p.] ●→
Hypericum maculatum Crantz, *Hypericum perforatum* L.
- Erysiphe hypophylla* (Nevod.) U. Braun & Cunningt. [=*Microsphaera hypophylla* Nevod.] ●→ *Quercus petraea* (Matt.) Liebl., *Quercus robur* L.
- Erysiphe knautiae* Duby ●→ *Knautia arvensis* (L.) Coult., *Succisella inflexa* (Kluck) Beck.
- Erysiphe lonicerae* DC. [=*Microsphaera lonicerae* (DC.) Wint.] ●→
Lonicera tatarica L.
- Erysiphe lycopsidis* R.Y. Zheng. & G.O. Chen [=*Erysiphe asperifoliorum* Grev. p.p.] ●→ *Anchusa officinalis* L.
- Erysiphe lythri* L. Junell ●→ *Lythrum salicaria* L.
- Erysiphe mayorii* S. Blumer ●→ *Cirsium arvense* (L.) Scop.
- Erysiphe martii* (on *Hypericum*) → *Erysiphe hyperici*
Erysiphe martii (on *Trifolium*) → *Erysiphe trifoliorum*
- Erysiphe ornata* var. *europaea* (U. Braun) U. Braun & S. Takam. [=*Microsphaera alni* (DC.) G. Winter, *Microsphaera betulae* P. Magn., *Microsphaera ornata* U. Braun.] ●→ *Betula pendula* Roth, *Betula pubescens* Ehrh.
- Erysiphe palczewskii* (Wallr.) Link [=*Microsphaera palczewskii* (Jacz.) U. Braun & S. Takam.] ●→ *Caragana arborescens* Lam.
- Erysiphe penicillata* (Wallr.) Link [=*Microsphaera penicillata* (Fr.) Lév.] ●→ *Alnus glutinosa* (L.) Gaertn.
- Erysiphe pisi* DC. var. *pisii* [=*Erysiphe pisi* DC.] ●→ *Medicago lupulina* L., *Medicago sativa* L., *Vicia cracca* L., *Vicia hirsuta* (L.) Gray., *Vicia sepium* L.
- Erysiphe polygoni* DC. ●→ *Polygonum aviculare* L., *Rumex acetosella* L.
- Erysiphe ranunculi* → *Erysiphe aquilegiae* var. *ranunculi*
Erysiphe sordida → *Golovinomyces sordidus*
- Erysiphe russellii* (Clinton) U. Braun & S. Takam. [=*Microsphaera russellii* Clinton] ●→ *Oxalis stricta* L. [=*Oxalis fontana* Bunge].
- Erysiphe tortilis* (Wallr.) Link [=*Erysiphe tortilis* Fr.] ●→ *Cornus sanguinea* L.
- Erysiphe trifolii* → *Erysiphe trifoliorum*

- Erysiphe trifoliorum*** (Wallr.) U. Braun [= *Erysiphe martii* Lév., *Erysiphe trifolii* Grev. p.p.] ●→ *Genista tinctoria* L., *Lathyrus pratensis* L., *Lathyrus vernus* (L.) Bernh., ?*Lembotropis nigricans* (L.) Griseb. [= *Cytisus nigricans* L.], *Lotus corniculatus* L., *Lupinus polyphyllus* Lindl., *Melilotus albus* Medik., *Melilotus officinalis* (L.) Pall., *Trifolium arvense* L., *Trifolium aureum* Pollich [= *Trifolium strepens* Crantz], *Trifolium campestre* Schreb., *Trifolium hybridum* L., *Trifolium pratense* L., ?*Trifolium spadiceum* L.
- Erysiphe ulmariae*** Desm. ●→ *Filipendula ulmaria* (L.) Maxim.
- Erysiphe umbelliferarum* → ***Erysiphe heraclei***
- Erysiphe urticae*** (Wallr.) Blumer ●→ *Urtica dioica* L.
- Erysiphe valerianae* → ***Golovinomyces valerianae***
- Erysiphe vanbruntiana*** (Gerard) U. Braun & S. Takam. var. ***sambuciracemosae*** (U. Braun) U. Braun & S. Takam. [= *Microsphaera vanbruntiana* W.R. Gerard] ●→ *Sambucus racemosa* L.
- Euphoriomyces agathidii*** (Maire) I.I. Tav. [= *Asaphomyces agathidii* (Maire) Scheloske] ●→ Insects (Coleoptera): *Agathidium mandibulare* Sturm, *Amphicyllis globiformis* Sahlberg, *Amphicyllis globus* Fabricius.
- Euphoriomyces huggertii*** T. Majewski ●→ Insects (Coleoptera): *Acrulia inflata* Gyllenhal.
- Euphoriomyces unilateralis*** T. Majewski ●→ Insects (Coleoptera): *Agathidium atrum* Paykull.
- Eusynaptomyces enochri*** Scheloske ●→ Insects (Coleoptera): *Enochrus affinis* Thumberg, *Enochrus coarctatus* Gredler.
- Eusynaptomyces hydrobii*** (T. Majewski) I.I. Tav. ●→ Insects (Coleoptera): *Hydrobius fuscipes* Linnaeus.
- Eutypa acharii* → ***Eutypa maura***
- Eutypa flavovirens*** (Pers.) Tul. & C. Tul. [= *Diatrype flavovirens* (Pers.) Fr.] ●→ *Carpinus betulus* L. (wood).
- Eutypa lata*** (Pers.) Tul. & C. Tul. ●→ Bark and wood: *Acer platanoides* L., *Betula* sp.
- Eutypa leioplaca*** (Fr.) Cooke ●→ Fungi (ascocarp): *Splanchnonema pupula* (Fr.) Kuntze (on decorticated branches of *Acer platanoides* L. and *Carpinus betulus* L.).

- Eutypa maura* (Fr.) Sacc. [=*Eutypa acharii* Tul. & C. Tul.] ●→ Dead twigs: *Alnus glutinosa* (L.) Gaertn., *Populus tremula* L.
- Eutypa sparsa* Romell ●→ *Populus tremula* L. (bark, wood).
- Eutypella cerviculata* (Fr.) Sacc. ●→ Bark, wood: *Alnus glutinosa* (L.) Gaertn., *Carpinus betulus* L. (dead twigs), *Quercus robur* L.
- Eutypella sorbi* (Alb. & Schwein.) Sacc. ●→ *Sorbus aucuparia* L. (bark).
- Eutypella stellulata* (Fr.) Sacc. ●→ *Ulmus glabra* Huds. [=*Ulmus scabra* Mill.] (dead twigs).
- Euzodiomyces lathrobii* Thaxt. ●→ Insects (Coleoptera): *Lathrobium brunnipes* Fabricius, *Lathrobium elongatum* Linnaeus, *Lathrobium filiforme* Gravenhorst, *Lathrobium fovulum* Stephens, *Lathrobium longulum* Gravenhorst, *Lathrobium terminatum* Gravenhorst, *Lathrobium volgense* Hochhuth.
- Excipularia aequatorialis* Matsush. ●→ Water.
- Exosporium tiliae* Link [=*Helminthosporium tiliae* (Link) Fr.] ●→ *Tilia cordata* Mill. (branches, twigs).
- Filosporella exilis* Gulis & Marvanová ●→ Water.
- Fusarium aquaeductuum* → *Fusicolla aquaeductuum*
- Fusarium avenaceum* (Fr.) Sacc. ●→ *Stellaria holostea* L., hyperparasite of rusts (fungi): *Phragmidium rubi-idaei* (DC.) P. Karst. on *Rubus idaeus* L.; *Puccinia coronata* Corda on *Frangula alnus* Mill.; *Puccinia sessilis* Schneid. on *Polygonatum multiflorum* (L.) All.
- Fusarium oxysporum* Schlechtendal ●→ *Stellaria holostea* L.
- Fusarium* sp. ●→ Plant debris, water.
- Fusicladium radiosum* → *Venturia radiosa*
- Fusicoccum advenum* (Sacc.) Died. [=*Dothiorella advena* Sacc.] ●→ *Quercus robur* L. (bark).
- Fusicoccum depressum* (Berk. & Broome) Grove ●→ *Ulmus glabra* Huds. [=*Ulmus scabra* Mill.] (dead twigs).
- Fusicolla aquaeductuum* (Radlk. & Rabenh.) Gräfenhan, Seifert & Schroers [=*Fusarium aquaeductuum* (Radlk. & Rabenh.) Lagerh. & Rabenh.] ●→ *Salix* sp. (twigs).
- Fusidium griseum* Ditmar ex Link [=*Cylindrium griseum* (Ditmar ex Link) Bonord.] ●→ *Acer platanoides* L.
- Fusisporium rubi* → *Cercospora rubi*

- Fusoidiella depressa* (Berk. & Broome) Videira & Crous [=*Cercosporidium depressum* (Berk. & Broome) Deighton, *Passalora depressa* (Berk. & Br.) Sacc.] ●→ *Angelica sylvestris* L.
- Fusticeps laevisporus* Matsush. ●→ Water.
- Genea hispidula* (Berk. & Broome) Tul. ●→ Soil.
- Geoglossum cookeanum* Nannf. ●→ Soil.
- Geoglossum glutinosum* → *Glutinoglossum glutinosum*
- Geoglossum simile* Peck ●→ Soil (among grass).
- Geoglossum umbratile* Sacc. ●→ Soil.
- Geopora arenicola* (Lév.) Kers ●→ Soil.
- Geopora cervina* (Velen.) T. Schumach. ●→ Soil (among mosses).
- Geopyxis carbonaria* (Alb. & Schwein.) Sacc. ●→ Burnt ground.
- Geopyxis craterium* → *Urnula craterium*
- Geopyxis cupularis* → *Tarzetta cupularis*
- Gloeosporidiella ribis* (Lib.) Petrak ●→ *Ribes nigrum* L., *Ribes* sp.
- Gloeosporidiella variabilis* (Laub.) Nannf. ●→ *Ribes alpinum* L., *Ribes nigrum* L.
- Gloeosporium carpini* → *Gnomonia fimbriata*
- Gloeosporium taxicola* → *Cryptocline taxicola*
- Gloeosporium tiliae* → *Apiognomonium errabunda*
- Gloeosporium tremulae* → *Titaeosporina tremulae*
- Glutinoglossum glutinosum* (Pers.) Hustad, A.N. Mill., Dentinger & P.F. Cannon [=*Geoglossum glutinosum* Pers.] ●→ Soil.
- Gnomonia fimbriata* (Pers.) Fuckel [=*Asteroma carpini* (Lib.) Sutton, *Gloeosporium carpini* (Lib.) Desm., *Gnomoniella fimbriata* (Pers.) Sacc., *Mamiania fimbriata* (Pers.) Ces. & De Not.] ●→ *Carpinus betulus* L. (live and dead leaves).
- Gnomonia intermedia* → *Ophiognomonium intermedia*
- Gnomonia rostellata* → *Breviappendix rostellata*
- Gnomonia setacea* → *Ophiognomonium setacea*
- Gnomoniella fimbriata* → *Gnomonia fimbriata*
- Golovinomyces ambrosiae* (Schwein.) U. Braun & R.T.A. Cook [=*Erysiphe cichoracearum* auct. p.p.] ●→ *Rudbeckia laciniata* L.
- Golovinomyces artemisiae* (Grev.) V.P. Heluta [=*Erysiphe artemisiae* Grev.] ●→ *Artemisia vulgaris* L.

- Golovinomyces asterum* (Schwein.) U. Braun var. *moroczkowskii* (Heluta) U. Braun [=*Erysiphe cichoracearum* auct. p.p.] ●→ *Symphotrichum novi-belgii* (L.) G.L. Nesom [=*Aster novi-belgii* L.].
- Golovinomyces asterum* (Schwein.) U. Braun var. *solidaginis* U. Braun [=*Erysiphe cichoracearum* auct. p.p.] ●→ *Solidago virgaurea* L.
- Golovinomyces biocellatus* (Ehrenb.) V.P. Heluta [=*Erysiphe biocellata* Ehrenb.] ●→ *Ajuga reptans* L., *Lycopus europaeus* L., *Mentha arvensis* L., *Mentha ×verticillata* L.
- Golovinomyces cichoracearum* (DC.) V.P. Heluta [=*Erysiphe cichoracearum* auct. p.p.] ●→ *Hieracium lachenalii* subsp. *cruentifolium* (Dahlst. & Lübeck) Zahn [=*Hieracium lachenalii* C.C. Gmel.], *Hieracium murorum* L., *Lactuca muralis* (L.) Gaertn. [=*Mycelis muralis* (L.) Dumort.], *Polemonium caeruleum* L., *Tanacetum parthenium* (L.) Sch.Bip. [=*Chrysanthemum parthenium* (L.) Bernh.].
- Golovinomyces circumfuscus* (Schltdl.) U. Braun [=*Erysiphe cichoracearum* auct. p.p.] ●→ *Eupatorium cannabinum* L.
- Golovinomyces cynoglossi* (Wallr.) V.P. Heluta [=*Erysiphe asperifoliorum* Grev.] ●→ *Borago officinalis* L., *Myosotis arvensis* (L.) Hill, *Myosotis scorpioides* L. [=*Myosotis palustris* (L.) Nathh.], *Myosotis sylvatica* Hoffm., *Pulmonaria obscura* Dumort., *Symphytum officinale* L.
- Golovinomyces depressus* (Wallr.) Heluta [=*Erysiphe depressa* (Wallr.) Link] ●→ *Arctium lappa* L. [=*Arctium nemorosum* Lej.], *Arctium minus* (Hill) Bernh.
- Golovinomyces fischeri* (S. Blumer) U. Braun & R.T.A. Cook [=*Erysiphe cichoracearum* auct. p.p.] ●→ *Jacobaea vulgaris* Gaertn. [=*Senecio jacobaea* L.].
- Golovinomyces macrocarpus* (Speer) U. Braun. [=*Erysiphe cichoracearum* auct. p.p.] ●→ *Achillea millefolium* L., *Tanacetum vulgare* L.
- Golovinomyces magnicellulatus* (U. Braun.) Heluta var. *magnicellulatus* (= *Erysiphe cichoracearum* auct. p.p.) ●→ *Polemonium caeruleum* L.
- Golovinomyces montagnei* U. Braun [=*Erysiphe cichoracearum* auct. p.p.] ●→ *Centaurea jacea* L., *Cirsium arvense* (L.) Scop., *Cirsium oleraceum* (L.) Scop., *Cirsium palustre* (L.) Coss. ex Scop., *Cirsium rivulare* (Jacq.) All., *Cirsium vulgare* (Savi) Ten.

- Golovinomyces sordidus*** (L. Junell) V.P. Heluta [=*Erysiphe sordida* L. Junell] ●→ *Plantago major* L.
- Golovinomyces valerianae*** (Jacz.) V.P. Heluta [=*Erysiphe valerianae* (Jacz.) Blumer] ●→ *Valeriana officinalis* L.
- Golovinomyces verbasci*** (Jacz.) V.P. Heluta [=*Erysiphe cichoriacearum* auct. p.p.] ●→ *Verbascum nigrum* L.
- Gonytrichum caesium*** Nees & T. Nees var. *caesium* ●→ Wood.
Gonytrichum caesium var. *subglobosum* → ***Chaetosphaeria inaequalis***
Gonytrichum chlamydosporium var. *simile* → ***Chloridium chloroconium***
- Graminopassalora graminis*** (Fuckel) U. Braun, C. Nakash., Videira & Crous [=*Cercosporidium graminis* (Fuckel) Deighton, *Passalora graminis* (Fuckel) Hoehn., *Scolicotrichum graminis* Fuckel] ●→
Alopecurus aequalis Sobol., *Dactylis glomerata* L., *Milium effusum* L.
- Graphium pallescens*** (Fuckel) Magnus ●→ *Stellaria nemorum* L.
- Gremmeniella abietina*** (Lagerb.) M. Morelet [=*Brunchorstia pinea* (P. Karst.) Höhn.] ●→ *Pinus sylvestris* L. (fallen branches).
- Gyoerffyella biappendiculata*** (G.R.W. Arnold) Ingold [=*Tricladium biappendiculatum* (G.R.W. Arnold) Marvanová & Descals] ●→ Plant debris.
- Gyoerffyella oxalidis*** Vanev ●→ *Oxalis acetosella* L.
- Gyoerffyella tricapitata*** (Ingold) Marvanová ●→ Water.
- Gyromitra esculenta*** (Pers.) Fr. [=*Helvella esculenta* Pers.] ●→ Soil.
- Gyromitra gigas*** (Krombh.) Cooke [=*Neogyromitra gigas* (Krombh.) Imai] ●→ Soil, mossy logs, rotten wood incl.: *Carpinus betulus* L., *Picea abies* (L.) H. Karst..
- Gyromitra infula*** (Schaeff.) Quél. [=*Helvella infula* Schaeff.] ●→ Soil and rotten wood of trees incl.: *Betula* sp., *Picea abies* (L.) H. Karst., *Tilia cordata* Mill.
- Gyromitra sphaerospora*** (Peck) Sacc. [=*Helvella sphaerospora* Peck, *Helvellella sphaerospora* (Peck) S. Imai, *Pseudorhizina sphaerospora* (Peck) Pouzar] ●→ Soil and rotten wood of trees incl.: *Picea abies* (L.) H. Karst.
- Hadrotrichum phragmitis* → ***Scirrhia rimosa***
Haglundia perelegans → ***Mollisia olivascens***

- Hamatocanthoscypha laricionis* (Velen.) Svrček [=*Hyaloscypha curvipila* Grelet] ●→ *Picea abies* (L.) H. Karst. (fallen cones).
- Haplomyces texanus* Thaxt. ●→ Insects (Coleoptera): *Bledius gallicus* Gravenhorst.
- Helicodendron triglitzense* (Jaap) Linder ●→ Plant debris, water.
- Helicoon myosuroides* Voglmayr ●→ Water.
- Helicoon pluriseptatum* Beverw. ●→ Fragments of plants immersed in water, plant debris, water.
- Helicoon richonis* (Boud.) Linder ●→ Plant debris, water.
- Heliscus lugdunensis* → *Neonectria lugdunensis*
- Helminthosphaeria clavariarum* (Desm.) Fuckel ●→ Fungi (fruit body): *Clavulina* sp.
- Helminthosporium tiliae* → *Exosporium tiliae*
- Helminthosporium* sp. ●→ *Carpinus betulus* L. (twigs).
- Helodiomyces elegans* F. Picard ●→ Insects (Coleoptera): *Dryops auriculatus* Geoffroy, *Dryops griseus* Erichson.
- Helotium citrinum* → *Bisporella citrina*
- Helotium lenticulare* → *Calycella lenticularis*
- Helotium proximellum* → *Ombrophila proximella*
- Helvella acetabulum* (L.) Quél. ●→ Soil.
- Helvella atra* J. König [= *Leptopodia atra* (Koenig ex Fr.) Boud.] ●→ Soil, trunks.
- Helvella crispa* (Scop.) Fr. ●→ Soil.
- Helvella elastica* Bull. [= *Leptopodia elastica* (Bull.) Boud.] ●→ Soil.
- Helvella ephippium* Lév. ●→ Soil.
- Helvella esculenta* → *Gyromitra esculenta*
- Helvella infula* → *Gyromitra infula*
- Helvella lacunosa* Afzel. ●→ Soil.
- Helvella latispora* Boud. ●→ Soil.
- Helvella macropus* (Pers.) P. Karst. [= *Cyathipodia macropus* (Pers.) Dennis, *Macropodia macropus* (Pers.) Fuckel, *Macroscyphus macropus* (Pers.) Gray] ●→ Soil, rotten wood.
- Helvella pallescens* Schaeff. ●→ Soil.
- Helvella sphaerospora* → *Gyromitra sphaerospora*
- Helvella villosa* (Hedw.) Dissing & Nannf. ●→ Soil.

Helvella sp. ●→ Soil.

Helvellella sphaerospora → *Gyromitra sphaerospora*

Hendersonia carpini Sacc. ●→ *Carpinus betulus* L. (dead twigs).

Hendersonia carpinicola Sacc. ●→ *Carpinus betulus* L. (dead twigs).

Hercospora tiliae (Pers.) Tul. & C. Tul. [= *Rabenhorstia tiliae* (Pers.) Fr.]
●→ *Tilia cordata* Mill.

Herpomyces ectobiae Thaxt. ●→ Insects (Blattodea): *Blattella germanica*
Linnaeus.

Herpotrichia nigra R. Hartig ●→ *Picea abies* (L.) H. Karst. [= *Picea excelsa* (Lam.) Link].

Hilberina caudata (Fuckel) Huhndorf & A.N. Mill. [= *Lasiosphaeria caudata* (Fuckel) Sacc.] ●→ Bark, wood: *Corylus avellana* L., *Populus tremula* L., *Quercus robur* L.

Hilberina dactylina (J. Webster) Declercq [= *Lasiosphaeria dactylina* J. Webster] ●→ *Calamagrostis arundinacea* (L.) Roth.

Hilberina punctata (Munk) A.N. Mill. & Huhndorf [= *Lasiosphaeria punctata* Munk] ●→ *Pinus sylvestris* L. (branches).

Holwaya mucida (Schulz.) Korf & Abavi [= *Crinula caliciiiformis* (Fr.) Fr.] ●→ *Tilia cordata* Mill. (bark, wood).

Humaria hemisphaerica (F.H. Wigg.) Fuckel [= *Lachnea hemisphaerica* (F.H. Wigg.) Gillet, *Peziza hemisphaerica* F.H. Wigg.] ●→ Soil, rotten wood.

Hyalopeziza millepunctata (Lib.) Rativ. [= *Unguicularia millepunctata* (Lib.) Dennis] ●→ *Rubus idaeus* L. (overwintered stems).

Hyaloscypha aureliella (Nyl.) Huhtinen [= *Hyaloscypha stevensoni* (Berk. & Broome) Nannf.] ●→ *Pinus sylvestris* L. (fallen cones, rotten wood).

Hyaloscypha curvipila → *Hamatocanthoscypha laricionis*

Hyaloscypha hyalina (Pers.) Boud. ●→ Plant litter, wood incl.: *Alnus glutinosa* (L.) Gaertn. (twigs).

Hyaloscypha lachnibrachya → *Calycellina lachnibrachya*

Hyaloscypha stevensoni → *Hyaloscypha aureliella*

Hydnotrya tulasnei Berk. & Broome ●→ Soil.

Hydraemyces halipli (Thaxt.) Thaxt. ●→ Insects (Coleoptera): *Haliplus flavicollis* Sturm, *Haliplus fluviatilis* Aubé, *Haliplus furcatus* Seidlitz,

- Haliplus heydeni* Wehncke, *Haliplus immaculatus* Gerhardt, *Haliplus ruficollis* Degeer, *Haliplus* sp., *Peltodytes caesus* Duftschmid.
- Hydrophilomyces atroseptatus*** T. Majewski ●→ Insects (Coleoptera): *Limnebius aluta* Bedel, *Limnebius atomus* Duftschmid.
- Hydrophilomyces coneglianensis*** Speg. ●→ Insects (Coleoptera): *Laccobius minutus* Linnaeus.
- Hydrophilomyces limnebi*** Sarna & Milewska ●→ Insects (Coleoptera): *Limnebius crinifer* Rey, *Limnebius truncatulus* Thomson.
- Hydrophilomyces pusillus*** T. Majewski ●→ Insects (Coleoptera): *Ochthebius minimus* Fabricius.
- Hymenoscyphus albidus*** (Rob. ex Desm.) Phill. ●→ Plant litter, petioles of fallen leaves incl.: *Acer platanoides* L., *Fraxinus excelsior* L.
- Hymenoscyphus calyculus*** (Sow.) Phill. ●→ Rotten wood, plant litter incl.: *Acer platanoides* L., *Alnus glutinosa* (L.) Gaertn., *Betula* sp., and overwintered stems of *Rubus idaeus* L.
- Hymenoscyphus caudatus*** (P. Karst.) Dennis ●→ Fallen leaves of trees incl.: *Alnus glutinosa* (L.) Gaertn., *Carpinus betulus* L., *Fraxinus excelsior* L., *Quercus robur* L., *Tilia cordata* Mill.
- Hymenoscyphus conscriptus*** (P. Karst.) P. Karst. ●→ *Carpinus betulus* L. (rotten wood).
- Hymenoscyphus epiphyllus*** (Pers.) Rehm ex Kauffman ●→ Fallen leaves of trees incl.: *Betula* sp., *Carpinus betulus* L., *Populus tremula* L.
- Hymenoscyphus fraxineus*** (T. Kowalski) Baral, Queloz & Hosoya ●→ *Fraxinus excelsior* L. (petioles of leaves).
- Hymenoscyphus fructigenus*** (Bull.) Gray ●→ Fallen fruits of *Carpinus betulus* L., *Corylus avellana* L., *Quercus robur* L.
- Hymenoscyphus herbarum*** (Pers.) Dennis ●→ *Urtica dioica* L. (overwintered stems).
- Hymenoscyphus imberbis*** (Bull.) Dennis ●→ *Alnus glutinosa* (L.) Gaertn. (twigs).
- Hymenoscyphus laetus*** (Boud.) Dennis ●→ *Betula* sp. (twigs).
- Hymenoscyphus lutescens*** (Hedw.) Phill. ●→ *Picea abies* (L.) H. Karst. (fallen needles), *Pinus sylvestris* L. (fallen cones).
- Hymenoscyphus mycetophilus*** (Peck) Svrček ●→ Fungi: dead (rotten) stromata of polypores.

Hymenoscyphus phyllophilus (Desm.) Kuntze ●→ Fallen decaying leaves of trees incl.: *Carpinus betulus* L., *Quercus robur* L.

Hymenoscyphus repandus (Phill.) Dennis ●→ Overwintered stems of herbaceous plants.

Hymenoscyphus scutula (Pers.) W. Phillips ●→ Decaying stems of grass, overwintered stems of herbaceous plants.

Hymenoscyphus separabilis → *Phialina separabilis*

Hymenoscyphus serotinus (Pers.) W. Phillips ●→ *Betula* sp. (log, bark).

Hymenoscyphus subcarneus (Schumach.) J. Schröt. ●→ Liverworts (living green gametophytes): *Cephalozia catenulata* (Huebener) Lindb.

Hymenoscyphus vitellinus (Rehm) Kuntze ●→ Overwintered stems of herbaceous plants.

Hymenula spermogoniopsis (Muell.) Wollenweber ●→ Hyperparasite of rust (fungi): *Puccinia caricina* (DC.) on *Carex pseudocyperus* L.

Hypocrea citrina → *Trichoderma citrinum*

Hypocrea gelatinosa (Tode) Fr. [= *Creopus gelatinosus* (Tode: Fr.) Link] ●→ Dead trunks, logs, bark, fallen leaves incl.: *Carpinus betulus* L. and *Quercus robur* L., fungi (fruit bodies) incl.: *Fomitopsis* sp., *Phellinus* sp.

Hypocrea protopulvinata → *Trichoderma protopulvinatum*

Hypocrea pulvinata → *Trichoderma pulvinatum*

Hypocrea strictipilosa → *Trichoderma strictipile*

Hypocrea sulphurea → *Trichoderma sulphureum*

Hypocrea rufa → *Trichoderma viride*

Hypodiscosia jaipurensis Lodha & K.R.C. Reddy ●→ Water.

Hypomyces aurantius (Pers.) Fuckel ●→ Fungi (dead fruit body): *Trametes versicolor* (L.) Lloyd [= *Polyporus versicolor* (L.) Fr.].

Hypomyces chrysospermus Tul. & C. Tul. [= *Sepedonium chrysospermum* (Bull.) Fr.] ●→ Fungi (fruit bodies) incl.: *Agaricus* sp., *Paxillus involutus* (Batsch) Fr., *Xerocomellus chrysenteron* (Bull.) Šutara [= *Xerocomus chrysenteron* (Bull.) Quél.].

Hypomyces lateritius (Fries) Tulasne & C. Tulasne ●→ Fungi (fruit body): *Lactarius* sp.

Hypomyces luteovirens (Fr) Tul. & C. Tul. [= *Peckiella luteovirens* (Fr.) S. Imai] ●→ Fungi (fruit body): *Lactarius* sp.

Hypoxylon atropurpureum → *Nemania atropurpurea*

Hypoxylon coccineum → *Hypoxylon fragiforme*

Hypoxylon deustum (Hoffm.) Grev. ●→ Rotten wood.

Hypoxylon ferrugineum G.H. Otth ●→ *Tilia cordata* Mill. (dead twigs).

Hypoxylon fragiforme (Pers.) J. Kickx f. [= *Hypoxylon coccineum* Bull.]

●→ Bark, logs, twigs incl.: *Alnus glutinosa* (L.) Gaertn., *Betula* sp., *Carpinus betulus* L., *Corylus avellana* L.

Hypoxylon fuscopurpureum (Schwein.) M.A. Curtis [= *Hypoxylon vogesi-acum* (Pers. ex Curr.) Sacc. var. *microsporium* J. H. Mill.] ●→ Bark, wood, branches, twigs incl.: *Alnus glutinosa* (L.) Gaertn., *Carpinus betulus* L., *Quercus robur* L., *Ulmus* sp.

Hypoxylon fuscum (Pers.) Fr. ●→ Wood, rotten bark, branches, twigs incl.: *Alnus glutinosa* (L.) Gaertn., *Betula* sp., *Carpinus betulus* L., *Corylus avellana* L., *Quercus robur* L.

Hypoxylon granulatum → *Jackrogersella multiformis*

Hypoxylon howeanum Peck ●→ Bark, wood, branches of trees incl.: *Acer platanoides* L., *Alnus glutinosa* (L.) Gaertn., *Betula* sp., *Carpinus betulus* L., *Quercus robur* L.

Hypoxylon multifforme → *Jackrogersella multiformis*

Hypoxylon papillatum Ellis & Everh. ●→ *Ulmus* sp. (wood).

Hypoxylon rubiginosum (Pers.) Fr. ●→ Bark and wood of rotten trees incl.: *Acer platanoides* L., *Alnus glutinosa* (L.) Gaertn., *Betula* sp., *Carpinus betulus* L., *Ulmus glabra* Huds.

Hypoxylon cf. *rutilum* Tul. & C. Tul. ●→ Substrate not listed.

Hypoxylon serpens → *Nemania serpens*

Hypoxylon tubulina → *Camarops polysperma*

Hypoxylon vogesi-acum var. *microsporium* → *Hypoxylon fuscopurpureum*

Hysterium pulicare Pers. ●→ Wood of trees incl.: *Alnus glutinosa* (L.) Gaertn., *Betula* sp., *Carpinus betulus* L.

Immersiella caudata (Sacc.) A.N. Mill. & Huhndorf [= *Lasiosordaria lignicola* (Fuckel) Chenant.] ●→ Substrate not listed.

Iodophanus carneus (Pers.) Korf ●→ Dung of herbivores.

Inomidotis irregularis (Schwegler) E.J. Durand [= *Poloniodiscus fischeri* Svrček & Kubička] ●→ Rotten wood of deciduous trees incl.: *Carpinus betulus* L., *Quercus robur* L., *Ulmus* sp.

Isaria sp. ● → Rotten wood.

Isariopsis carnea → *Phacellium carneum*

Jackrogersella multiformis (Fr.) L. Wendt, Kuhnert & M. Stadler [= *Anulohyphoxylon multiforme* var. *multiforme* (Fr.) Y.M. Ju, J.D. Rogers & H.M. Hsieh, *Hypoxylon granulatum* Bull., *Hypoxylon multiforme* (Fr.) Fr.] ● → Rotten wood and bark of deciduous trees (twigs, branches) incl.: *Acer platanoides* L., *Alnus glutinosa* (L.) Gaertn., *Betula pubescens* Ehrh., *Betula* sp., *Carpinus betulus* L., *Corylus avellana* L., *Ulmus glabra* Huds.

Kainomyces rehmanii T. Majewski ● → Insects (Coleoptera): *Acrotrichis dispar* Matthews.

Kalmusia coniothyrium → *Paraconiothyrium fuckelii*

Kirschsteiniella applanata → *Astrosphaeriella applanata*

Kirschsteiniothelia aethiops → *Kirschsteiniothelia atra*

Kirschsteiniothelia atra (Corda) D. Hawksw. [= *Kirschsteiniothelia aethiops* (Sacc.) D. Hawksw.] ● → Wood incl.: *Alnus glutinosa* (L.) Gaertn., *Carpinus betulus* L.

Kretzschmaria deusta (Hoffm.) P.M.D. Martin [= *Ustulina deusta* (Hoffm.) Lind] ● → Rotten wood of trees (logs, trunks, twigs) incl.: *Alnus glutinosa* (L.) Gaertn., *Carpinus betulus* L., *Quercus robur* L.

Laboulbenia acupalpi Speg. ● → Insects (Coleoptera): *Acupalpus flavicollis* Sturm, *Acupalpus parvulus* Sturm.

Laboulbenia argutoris Cedepe & Picard. ● → Insects (Coleoptera): *Pterostichus diligens* Sturm, *Pterostichus strenuus* Panzer, *Pterostichus vernalis* Panzer.

Laboulbenia aubryi Balazuc ● → Insects (Coleoptera): *Amara municipalis* Duftschmid.

Laboulbenia benjaminii Balazuc ● → Insects (Coleoptera): *Badister dilatatus* Chaudoir, *Badister dorsiger* Duftschmid, *Badister peltatus* Panzer, *Badister sodalis* Duftschmid.

Laboulbenia calathi T. Majewski ● → Insects (Coleoptera): *Calathus melanocephalus* Linnaeus, *Calathus micropterus* Duftschmid, *Calathus ochropterus* Duftschmid.

Laboulbenia carelica Huldén ● → Insects (Coleoptera): *Bembidion doris* Panzer.

- Laboulbenia casnoniae*** Thaxt. ●→ Insects (Coleoptera): *Demetrias monostigma* Samouelle, *Dromius sigma* Rossi, *Metabletus truncatellus* Linnaeus, *Microlestes maurus* Sturm.
- Laboulbenia clivinalis*** Thaxt. ●→ Insects (Coleoptera): *Clivina collaris* Herbst, *Clivina fossor* Linnaeus.
- Laboulbenia coneglanensis*** Speg. ●→ Insects (Coleoptera): *Harpalus affinis* Schrank, *Harpalus latus* Linnaeus, *Harpalus progrediens* Schaubberger.
- Laboulbenia corylophi*** Scheloske ●→ Insects (Coleoptera): *Corylophus cassidoides* Marsham.
- Laboulbenia cristata*** Thaxt. ●→ Insects (Coleoptera): *Paederus riparius* Linnaeus.
- Laboulbenia elaphri*** Speg. ●→ Insects (Coleoptera): *Elaphrus cupreus* Duftschmid.
- Laboulbenia epithricis*** Thaxt. ●→ Insects (Coleoptera): *Epitrix pubescens* Koch.
- Laboulbenia eubradycelli*** Huldén ●→ Insects (Coleoptera): *Bradycellus caucasicus* Chaudoir, *Trichocellus placidus* Gyllenhal.
- Laboulbenia fasciculata*** Peyr. ●→ Insects (Coleoptera): *Agonum viduum* Panzer, *Patrobus atrorufus* Stroem.
- Laboulbenia fasciculata* f. *omophroni*** Speg. ●→ Insects (Coleoptera): *Omophron limbatum* Fabricius.
- Laboulbenia fennica*** Huldén ●→ Insects (Coleoptera): *Gyrinus aeratus* Stephens, *Gyrinus mergus* Ahrens, *Gyrinus minutus* Fabricius, *Gyrinus natator* Linnaeus.
- Laboulbenia flagellata*** Peyr. ●→ Insects (Coleoptera): *Agonum assimile* Paykull, *Agonum fuliginosum* Panzer, *Agonum gracile* Sturm, *Agonum livens* Gyllenhal, *Agonum moestum* Duftschmid, *Agonum obscurum* Herbst, *Agonum pelidnum* Paykull, *Agonum versutum* Sturm, *Agonum viduum* Panzer, *Badister dilatatus* Chaudoir, *Badister peltatus* Panzer, *Badister unipustulatus* Bonelli, *Harpalus affinis* Schrank, *Harpalus latus* Linnaeus, *Harpalus progrediens* Schaubberger, *Loricera caerulelescens* Linnaeus, *Pterostichus vernalis* Panzer.
- Laboulbenia gyriticola*** Speg. ●→ Insects (Coleoptera): *Gyrinus aeratus* Stephens, *Gyrinus mergus* Ahrens, *Gyrinus natator* Linnaeus.

- Laboulbenia inflata*** Thaxt. ●→ Insects (Coleoptera): *Acupalpus exiguus* Dejean, *Acupalpus flavicollis* Sturm, *Acupalpus parvulus* Sturm.
- Laboulbenia luxurians*** Peyr. ●→ Insects (Coleoptera): *Bembidion assimile* Gyllenhal, *Bembidion dentellum* Thunberg, *Bembidion obliquum* Sturm, *Bembidion ustulatum* Linnaeus.
- Laboulbenia murmanica*** Huldén ●→ Insects (Coleoptera): *Bembidion assimile* Gyllenhal.
- Laboulbenia notiophili*** Cépède & F. Picard ●→ Insects (Coleoptera): *Nothiophilus biguttatus* Fabricius, *Nothiophilus palustris* Duftschmid.
- Laboulbenia oodiphila*** Huldén ●→ Insects (Coleoptera): *Oodes helopioides* Fabricius.
- Laboulbenia ophoni*** Thaxt. ●→ Insects (Coleoptera): *Agonum gracile* Sturm.
- Laboulbenia pedicellata*** Thaxt. ●→ Insects (Coleoptera): *Bembidion articulatum* Panzer, *Bembidion biguttatum* Fabricius, *Bembidion doris* Panzer, *Bembidion gilvipes* Sturm, *Bembidion guttula* Fabricius, *Bembidion mannerheimii* C. Sahlberg, *Bembidion quadrimaculatum* Linnaeus, *Dyschirius aeneus* Dejean, *Dyschirius globosus* Herbst, *Dyschirius nitidus* Dejean, *Dyschirius thoracicus* Rossi, *Dyschirius tristis* Stephens.
- Laboulbenia philonthi*** Thaxt. ●→ Insects (Coleoptera): *Gabrius lividipes* Baudi, *Paragabrius micans* Gravenhorst [= *Philonthus micans* Gravenhorst], *Paragabrius rubripennis* Stephens, *Philonthus immundus* Gyllenhal.
- Laboulbenia pseudomasei*** Thaxt. ●→ Insects (Coleoptera): *Patrobus atrorufus* Stroem, *Pterostichus anthracinus* Illiger, *Pterostichus brunneus* Sturm, *Pterostichus guentheri* Sturm, *Pterostichus nigrita* Fabricius.
- Laboulbenia sphaerii*** Santam. ●→ Insects (Coleoptera): *Microsporus acaroides* Waltl.
- Laboulbenia stilicicola*** Speg. ●→ Insects (Coleoptera): *Rugilus erichsonii* Fauvel, *Rugilus similis* Erichson.
- Laboulbenia vulgaris*** Peyr. ●→ Insects (Coleoptera): *Bembidion articulatum* Panzer, *Bembidion biguttatum* Fabricius, *Bembidion dentellum* Thunberg, *Bembidion doris* Panzer, *Bembidion femoratum* Sturm,

Bembidion guttula Fabricius, *Bembidion mannerheimii* C. Sahlberg, *Bembidion rupestre* Linnaeus, *Bembidion tetragrammum* Chaudoir, *Bembidion ustulatum* Linnaeus.

Laboulbenia sp. ●→ Insects (Coleoptera): *Epaphius rivularis* Gyllenhal, *Nebria brevicollis* Fabricius.

Lachnea hemisphaerica → ***Humaria hemisphaerica***

Lachnea scutellata → ***Scutellinia scutellata***

Lachnea stercorea var. *maialis* → ***Cheilymenia stercorea***

Lachnum acutipilum → ***Albotricha acutipila***

Lachnum albotestaceum → ***Albotricha albotestacea***

Lachnum bicolor (Bull.) P. Karst. [= *Dasyscyphus bicolor* (Bull.) Fuckel]

●→ *Quercus robur* L. (fallen twigs).

Lachnum brevipilosum Baral [= *Dasyscyphus brevipilus* Le Gal] ●→ Wood (twigs, logs).

Lachnum capitatum (Peck) Svrček [= *Dasyscyphus capitatus* (Peck) Le Gal] ●→ *Quercus robur* L. (fallen leaves).

Lachnum caricis (Desm.) Höhn. [= *Dasyscyphus caricis* (Desm.) Sacc.] ●→ *Carex* sp. (overwintered stems).

Lachnum carneolum (Sacc.) Rehm [= *Dasyscyphus carneolus* (Sacc.) Sacc.] ●→ *Molinia caerulea* (L.) Moench (overwintered stems).

Lachnum cerinum → ***Neodasyscypha cerina***

Lachnum ciliare (Schrad.) Rehm [= *Dasyscyphus ciliaris* (Schrad.) Sacc.] ●→ *Quercus robur* L. (fallen leaves).

Lachnum clandestinum (Bull.) P. Karst. [= *Dasyscyphus clandestinus* (Bull.) Fuckel] ●→ *Rubus idaeus* L. (overwintered stems).

Lachnum clavigerum (Svrček) Raitv. ●→ *Rubus caesius* L. (overwintered stems).

Lachnum controversum (Cooke) Rehm [= *Dasyscyphus controversus* (Cooke) Rehm] ●→ Overwintered stems of grasses incl.: *Phragmites australis* (Cav.) Trin. ex Steud.

Lachnum corticale (Pers.) Nannf. [= *Dasyscyphus corticalis* (Pers.) Masee] ●→ *Quercus robur* L. (bark).

Lachnum crystallinum (Fuckel) Rehm [= *Dasyscyphus crystallinus* (Fuckel) Sacc.] ●→ *Quercus robur* L. (twigs).

- Lachnum diminutum* (Roberge ex Desm.) Rehm [=*Dasyscyphus diminutus* (Rob. ex Desm.) Sacc.] ●→ *Juncus effusus* L. (overwintered stems).
- Lachnum fasciculare* Velen. [=*Dasyscyphus fascicularis* (Velen.) Le Gal] ●→ Twigs of deciduous trees incl.: *Quercus robur* L.
- Lachnum fuscescens* (Pers.) P. Karst. var. *fuscescens* [=*Dasyscyphus fuscescens* (Pers.) S.F. Gray] ●→ *Carpinus betulus* L. (fallen leaves).
- Lachnum mollissimum* (Lasch) P. Karst. [=*Dasyscyphus mollissimum* (Lasch) Dennis] ●→ Overwintered stems of herbaceous plants.
- Lachnum nudipes* (Fuckel) Nannf. [=*Dasyscyphus nudipes* (Fuckel) Sacc.] ●→ *Filipendula ulmaria* (L.) Maxim. (overwintered stems).
- Lachnum papyraceum* P. Karst. [=*Dasyscyphus papyraceus* (P. Karst.) Sacc.] ●→ *Picea abies* (L.) H. Karst. (fallen twigs).
- Lachnum pudibundum* (Quél.) J. Schröt. [=*Dasyscyphus pudibundum* (Quél.) Sacc.] ●→ Twigs.
- Lachnum pulverulentum* (Lib.) P. Karst. [=*Dasyscyphus pulverulentum* (Lib.) Sacc.] ●→ *Pinus sylvestris* L. (fallen needles).
- Lachnum rhytismatis* (W. Phillips) Nannf. [=*Dasyscyphus rhytismatis* (Phill.) Sacc.] ●→ *Quercus robur* L. (fallen leaves).
- Lachnum salicariae* (Rehm) Raitv. [=*Dasyscyphus salicariae* Rehm] ●→ *Lythrum salicaria* L. (overwintered stems).
- Lachnum subvirgineum* Baral ●→ *Ribes* sp. (overwintered stems).
- Lachnum tenuissimum* (Kuntze) Korf & W.Y. Zhuang [=*Dasyscyphus tenuissimum* (Kuntze) Dennis] ●→ Overwintered stems of grasses.
- Lachnum virgineum* (Batsch) P. Karst. [=*Dasyscyphus virgineus* (Batsch) Gray] ●→ Plant litter, wood incl.: *Alnus glutinosa* (L.) Gaertn., *Carpinus betulus* L., *Picea abies* (L.) H. Karst. (twigs), *Quercus robur* L., *Rubus idaeus* L. (overwintered stems).
- Lamprospora crechqueraultii* (Crouan) Boud. ●→ Soil.
- Lanzia luteovirescens* (Roberge ex Desm.) Dumont & Korf [=*Rutstroemia luteovirescens* (Roberge ex Desm.) W.L. White] ●→ *Acer platanoides* L. (petioles of fallen leaves).
- Lasiobolus capreoli* Velen. ●→ Dung of herbivores.
- Lasiobolus ciliatus* → *Lasiobolus papillatus*
- Lasiobolus cuniculi* Velen. ●→ Dung of herbivores.
- Lasiobolus diversisporus* (Fuckel) Sacc. ●→ Dung of herbivores.

- Lasiobolus equinus* → *Lasiobolus papillatus*
Lasiobolus papillatus (Pers.) Sacc [= *Lasiobolus ciliatus* (J.C. Schmidt) Boud., *Lasiobolus equinus* (O.F. Müll.) P. Karst.] ● → Dung of herbivores.
Lasiobolus ruber (Quél.) Sacc. ● → Dung of herbivores.
Lasiosordaria lignicola → *Immersiella caudata*
Lasiosphaeria caudata → *Hilberina caudata*
Lasiosphaeria coacta Kirschst. ● → *Picea abies* (L.) H. Karst. (wood).
Lasiosphaeria dactylina → *Hilberina dactylina*
Lasiosphaeria hirsuta (Fr.) Ces. & De Not. ● → Rotten wood incl.: *Betula* sp., *Carpinus betulus* L., *Tilia cordata* Mill.
Lasiosphaeria hispida (Tode) Fuckel [= *Phialophora lasiosphaeriae* W. Gams] ● → Rotten wood incl.: *Alnus glutinosa* (L.) Gaertn., *Betula pubescens* Ehrh., *Carpinus betulus* L. (twigs), fungi: on ascospores of *Lasiosphaeria* sp. (on *Carpinus betulus* L.).
Lasiosphaeria ovina (Pers.) Ces. & De Not. ● → Dead wood incl.: *Betula pubescens* Ehrh., *Betula* sp., *Carpinus betulus* L., *Tilia cordata* Mill.
Lasiosphaeria punctata → *Hilberina punctata*
Lasiosphaeria spermoides → *Ruzenia spermoides*
Leiosphaerella lycopodina (P. Karst.) Jaklitsch & Voglmayr [= *Mycosphaerella lycopodina* (P. Karst.) Starbäck, *Pseudapiospora lycopodina* (P. Karst.) L. Holm, *Pseudomassaria lycopodina* (P. Karst.) Arx] ● → Lycopods (overwintered stems): *Lycopodium annotinum* L.
Lemonniera aquatica De Wild. ● → Plant debris, water.
Lemonniera terrestris Tubaki ● → Water.
Leotia gelatinosa → *Leotia lubrica*
Leotia lubrica (Scop.) Pers. [= *Leotia gelatinosa* Hill] ● → Rotten wood (trunks, twigs), soil.
Leptomassaria simplex (Nitschke ex G.H. Otth) Petr. [= *Anthostoma simplex* (Nitschke ex G.H. Otth) Sacc.] ● → *Picea abies* (L.) H. Karst. (wood).
Leptopeltis litigiosa (Desm.) L. Holm & K. Holm [= *Microthyrium litigiosum* (Desm.) Sacc.] ● → Ferns: *Pteridium aquilinum* (L.) Kuhn.
Leptopodia atra → *Helvella atra*
Leptopodia elastica → *Helvella elastica*

- Leptosphaeria acuta* (Fuckel) P. Karst. ●→ *Urtica dioica* L. (overwintered stems).
- Leptosphaeria coniothyrium* → *Paraconiothyrium fuckelii*
- Leptosphaeria dolioloides* → *Nodulosphaeria dolioloides*
- Leptosphaeria juncina* → *Phaeosphaeria juncina*
- Leptosphaeria lycopodina* → *Phaeosphaeria lycopodina*
- Leptosphaeria nardi* (Fr.) Ces. & De Not ●→ *Nardus stricta* L.
- Leptosphaeria personata* Niessl ●→ Dung of herbivores.
- Leptosphaeria stellariae* → *Phaeosphaeria stellariae*
- Leptosphaeria* sp. ●→ *Stellaria holostea* L.
- Leptospora rubella* (Pers.) Rabenh. ●→ *Rubus idaeus* L.
- Leptostroma juncacearum* Sacc. ●→ *Luzula pilosa* (L.) Willd.
- Leptothyrium alneum* (Pers. ex Lév.) Sacc. ●→ *Alnus glutinosa* (L.) Gaertn.
- Leptotrochila ranunculi* (Fr.) Schüepp ●→ *Ranunculus auricomus* L., *Ranunculus cassubicus* L., *Ranunculus repens* L.
- Leucostoma kunzei* (Kunze) Munk ex H. Kern [= *Cytospora kunzei* Sacc.] ●→ *Pinus sylvestris* L.
- Leucostoma niveum* → *Valsa nivea*
- Leucostoma persoonii* (Nitschke) Höhn. [= *Cytospora leucostoma* (Pers.) Sacc.] ●→ *Ribes nigrum* L.
- Libertella betulina* → *Diatrype stigma*
- Lirula macrospora* (R. Hartig) Darker [= *Lophodermium macrosporum* (R. Hartig) Rehm ●→ *Picea abies* (L.) H. Karst. [= *Picea excelsa* (Lam.) Link] (live leaves).
- Lophiostoma caudatum* Fabr. ●→ *Phragmites australis* (Cav.) Trin. ex Steud.
- Lophiostoma compressum* (Pers.) Ces. & De Not. [= *Platystomum compressum* (Pers.) Trevis.] ●→ *Alnus glutinosa* (L.) Gaertn. (wood).
- Lophiostoma nucula* (Fr.) Ces. & De Not. [= *Lophiotrema nucula* (Fr.) Sacc.] ●→ *Viburnum opulus* L. (wood).
- Lophiotrema nucula* → *Lophiostoma nucula*
- Lophodermium arundinaceum* (Schrad.) Chevall. ●→ *Calamagrostis arundinacea* (L.) Roth (overwintered stems).

- Lophodermium juniperinum* (Fr.) De Not. ●→ *Juniperus sabina* L. (dead leaves).
Lophodermium macrosporum → *Lirula macrospora*
Lophodermium piceae (Fuckel) Höhn. ●→ *Picea abies* (L.) H. Karst. (fallen needles).
Lophodermium pinastri (Schrad.) Chevall. ●→ *Pinus sylvestris* L. (fallen needles).
Lunulospora curvula Ingold ●→ Plant debris, water.
Macropodia macropus → *Helvella macropus*
Macroscyphus macropus → *Helvella macropus*
Mamiania fimbriata → *Gnomonia fimbriata*
Marssonina aegopodii (A.L. Sm. & Ramsb.) Grove ●→ *Aegopodium podagraria* L.
Marssonina betulae (L.) Magn. ●→ *Betula pubescens* Ehrh.
Marssonina daphnes (Rob. ex Desm.) Magn. ●→ *Daphne mezereum* L.
Marssonina fragariae (Lib.) Kleb. ●→ *Comarum palustre* L. [= *Potentilla palustris* (L.) Scop.]
Marssonina piriformis (Riess) Magnus ●→ *Populus alba* L.
Massaria argus → *Splanchnonema argus*
Massaria carpinicola Tul. & C. Tul. ●→ *Carpinus betulus* L. (dead twigs).
Massaria foedans → *Splanchnonema foedans*
Massaria inquinans (Tode) De Not. ●→ *Acer platanoides* L. (dead twigs).
Massarina arundinacea → *Setoseptoria arundinacea*
Mastigosporium rubricosum (Dearn. & Barth.) Nannf. ●→ *Calamagrostis arundinacea* (L.) Roth, *Calamagrostis canescens* (Weber) Roth.
Melanconiella hyperopta (Nitschke ex G.H. Otth) Voglmayr & Jaklitsch ●→ *Carpinus betulus* L. (dead branches).
Melanconis alni Tul. ●→ *Alnus glutinosa* (L.) Gaertn. (bark).
Melanconis chrysostroma (Fr.) Tul. & C. Tul. [= *Cryptosporella aurea* (Fuckel) Sacc., *Diaporthe bitorulosa* (Berk. & Broome) Sacc., *Melanconis xanthostroma* (Fr.) J. Schröt., *Wuestneia xanthostroma* (Fr.) J. Reid & C. Booth] ●→ *Carpinus betulus* L. (bark, dead twigs), *Betula pendula* Roth (bark).
Melanconis flavovirens (G.H. Otth) Wehm. ●→ *Corylus avellana* L. (dead twigs).

- Melanconis stilbostoma* (Fr.) Tul. & C. Tul. ●→ *Betula pubescens* Ehrh.,
Betula sp. (dead twigs).
- Melanconis xanthostroma* → *Melanconis chrysostroma*
- Melanconium apiocarpum* Link ●→ *Betula* sp. (dead twigs).
- Melanconium betulinum* J.C. Schmidt & Kunze ●→ *Betula pendula*
Roth, *Betula pubescens* Ehrh. (dead twigs).
- Melanconium bicolor* Nees ●→ *Betula pubescens* Ehrh. (dead twigs).
- Melanomma aspegrenii* (Fr.) Fuckel ●→ *Carpinus betulus* L. (dead
wood, branches).
- Melanomma hendersoniae* → *Plenodomus hendersoniae*
- Melanomma pulvis-pyrius* (Pers.) Fuckel ●→ Wood incl.: *Alnus glutinosa* (L.) Gaertn., *Betula* sp., *Carpinus betulus* L., *Quercus robur* L. (twigs), *Tilia cordata* Mill., fungi (old stromata): *Diatrypella favacea* (Fr.) Ces. & De Not. (on *Betula pubescens* Ehrh.).
- Melanomma subdispersum* (P. Karst.) Berl. & Vogl. ●→ *Betula* sp. (wood).
- Melanospora chionea* (Fr.) Corda ●→ *Pinus sylvestris* L. (fallen needles).
- Melasmia acerina* → *Rhytisma acerinum*
- Melasmia punctata* → *Rhytisma punctatum*
- Melogramma bulliardii* → *Melogramma campylosporum*
- Melogramma campylosporum* Fr. [= *Melogramma bulliardii* Tul. & C. Tul.] ●→ *Carpinus betulus* L. (bark, twigs, wood), *Corylus avellana* L. (dead twigs).
- Menispora caesia* Preuss [= *Zignoella pulviscula* (Curr.) Sacc.] ●→ Dead wood.
- Metameris aspidiorum* → *Scirrhia aspidiorum*
- Microsphaera alni* → *Erysiphe ornata* var. *europaea*
- Microsphaera alphitoides* → *Erysiphe alphitoides*
- Microsphaera astragali* → *Erysiphe astragali*
- Microsphaera baeumleri* → *Erysiphe baeumleri*
- Microsphaera betulae* → *Erysiphe ornata* var. *europaea*
- Microsphaera divaricata* → *Erysiphe divaricata*
- Microsphaera euonymi* → *Erysiphe euonymi*
- Microsphaera friesii* → *Erysiphe friesii*
- Microsphaera gorlenkoi* → *Erysiphe gorlenkoi*

- Microsphaera hedwigii* → *Erysiphe hedwigii*
Microsphaera hypophylla → *Erysiphe hypophylla*
Microsphaera lonicerae → *Erysiphe lonicerae*
Microsphaera ornata → *Erysiphe ornata* var. *europaea*
Microsphaera palczewskii → *Erysiphe palczewskii*
Microsphaera penicillata → *Erysiphe penicillata*
Microsphaera quercina → *Erysiphe alphitoides*
Microsphaera russellii → *Erysiphe russellii*
Microsphaera vanbruntiana → *Erysiphe vanbruntiana* var. *sambuciracemosae*
Microsphaera viburni → *Erysiphe hedwigii*
Microsphaeropsis olivacea → *Coniothyrium olivaceum*
Microthyriella rubi → *Schizothyrium pomi*
Microthyrium litigiosum → *Leptopeltis litigiosa*
Mirandina corticola G. Arnaud ●→ Fragments of plants immersed in water.
Misgomyces dyschirii Thaxt. ●→ Insects (Coleoptera): *Dyschirius globosus* Herbst.
Mitrula paludosa Fr. ●→ Soil (plant litter).
Mollisia amenticola (Sacc.) Rehm ●→ *Alnus glutinosa* (L.) Gaertn. (female catkins).
Mollisia arundinacea → *Pyrenopeziza arundinacea*
Mollisia atrata (Pers.) P. Karst. ●→ Overwintered stems of herbaceous plants.
Mollisia benesuada → *Pyrenopeziza benesuada*
Mollisia cinerea (Batsch) P. Karst. [= *Mollisia minutella* (Sacc.) Rehm] ●→ *Rubus idaeus* L. (overwintered stems), plant litter, rotten wood.
Mollisia discolor (Mont.) W. Phillips ●→ *Alnus glutinosa* (L.) Gaertn. (twigs), *Betula* sp., plant litter, wood.
Mollisia escharodes (Berk. & Broome) Gremmen [= *Pyrenopeziza escharodes* (Berk. & Broome) Rehm] ●→ *Rubus idaeus* L. (dead stems).
Mollisia hydrophila (P. Karst.) Sacc. [= *Tapesia hydrophila* (Karst.) Rehm] ●→ *Phragmites australis* (Cav.) Trin. ex Steud. (dead stems).
Mollisia juncina (Pers.) Rehm ●→ *Juncus effusus* L. (overwintered stems).
Mollisia ligni (Desmaz.) P. Karst. ●→ Wood.

- Mollisia melaleuca*** (Fr.) Sacc. ●→ *Carpinus betulus* L. (branch), *Rubus idaeus* L. (stems), plant litter, bark, wood.
- Mollisia minutella* → ***Mollisia cinerea***
- Mollisia olivascens*** (Feltgen) Le Gal & F. Mangenot [= *Haglundia perellegans* Haglund ex Nannf.] ●→ *Carpinus betulus* L. (wood of log).
- Mollisia palustris*** (P. Karst.) P. Karst. ●→ Overwintered stems of grasses.
- Mollisia rabenhorstii*** (Auersw.) Rehm ●→ *Quercus robur* L. (fallen leaves).
- Mollisia ventosa*** P. Karst. ●→ *Alnus glutinosa* (L.) Gaertn. (wood of log).
- Monilia linhartiana* → ***Monilinia padi***
- Monilinia padi*** (Woronin) Honey [= *Monilia linhartiana* Sacc.] ●→ *Prunus padus* L. [= *Padus avium* Mill.], *Padus serotina* Ehrh.
- Monoicomyces athetae*** Thaxt. ●→ Insects (Coleoptera): *Atheta aterrima* Gravenhorst, *Atheta fungi* Gravenhorst, *Atheta gagatina* Baudi, *Atheta palustris* Kiessenwetter.
- Monoicomyces bolitocharae*** T. Majewski ●→ Insects (Coleoptera): *Bolitochara obliqua* Erichson.
- Monoicomyces fragilis*** Scheloske ●→ Insects (Coleoptera): *Ocalea picata* Stephens, *Oxypoda elongatula* Aubé, *Oxypoda opaca* Gravenhorst.
- Monoicomyces homalotae*** Thaxt. ●→ Insects (Coleoptera): *Atheta aeneipennis* Thomson, *Atheta aquatica* Thomson, *Atheta aterrima* Gravenhorst, *Atheta crassicornis* Fabricius, *Atheta elongatula* Gravenhorst, *Atheta fungi* Gravenhorst, *Atheta laevana* Mulsant & Rey, *Atheta longicornis* Gravenhorst, *Atheta palustris* Kiessenwetter, *Atheta putrida* Kraatz, *Atheta* sp., *Deubelia picina* Aubé, *Ischnopoda coarctata* Erichson, *Oxypoda opaca* Gravenhorst.
- Monoicomyces invisibilis*** Thaxt. ●→ Insects (Coleoptera): *Anotylus tetracarinatus* Block, *Oxytelus laqueatus* Marsham, *Oxytelus piceus* Linnaeus.
- Monoicomyces labiatus*** T. Majewski ●→ Insects (Coleoptera): *Atheta fungi* Gravenhorst, *Atheta parvula* Mannerheim, *Dochmonota clancula* Erichson.
- Monoicomyces nigrescens*** Thaxt. ●→ Insects (Coleoptera): *Aleocharinae* sp., *Atheta celata* Erichson, *Atheta nigra* Kraatz, *Atheta parvula* Mannerheim, *Atheta sordidula* Erichson, *Falagria nigra* Gravenhorst.

- Monoicomyces oxyteli* Huldén ●→ Insects (Coleoptera): *Anotylus insectatus* Gravenhorst, *Oxytelus fulvipes* Erichson.
- Monostichella robergei* (Desm.) Höhn. ●→ *Carpinus betulus* L.
- Morchella conica* → *Morchella esculenta*
- Morchella esculenta* (L.) Pers. [= *Morchella conica* Pers] ●→ Soil.
- Mycocentrospora aquatica* S.H. Iqbal [= *Centrospora aquatica* S.H. Iqbal] ●→ Fragments of plants immersed in water, water.
- Mycosphaerella depazeiformis* (Auersw.) Lindau ●→ *Oxalis acetosella* L.
- Mycosphaerella filicum* (Desm.) Starb. ●→ Ferns: *Dryopteris carthusiana* (Vill.) H.P. Fuchs, *Dryopteris filix-mas* (L.) Schott.
- Mycosphaerella hypostomatica* (Sacc.) Hoehn. ●→ *Luzula pilosa* (L.) Willd.
- Mycosphaerella innumerella* P. Karst. ●→ *Comarum palustre* L. [= *Potentilla palustris* (L.) Scop.].
- Mycosphaerella iridis* (Auersw.) J. Schröt. ●→ *Iris pseudacorus* L.
- Mycosphaerella isariphora* (Desm.) Johan. ●→ *Stellaria holostea* L.
- Mycosphaerella lycopodina* → *Leiosphaerella lycopodina*
- Mycosphaerella maculiformis* (Pers.) J. Schröt. ●→ *Acer platanoides* L. (overwintered twigs).
- Mycosphaerella perexigua* (P. Karst.) Johan. ●→ *Juncus effusus* L. (overwintered stems).
- Mycosphaerella podagrariae* (Roth) Petr. [= *Asteromella aegopodii* (Curr.) Petr., *Phyllosticta aegopodii* Allesch.] ●→ *Aegopodium podagraria* L.
- Mycosphaerella punctiformis* (Pers.) Starb. ●→ *Quercus robur* L.
- Mycosphaerella stemmatea* (Fr.) Romell ●→ *Vaccinium vitis-idaea* L.
- Mycosphaerella ulmi* Kleb. [= *Septogloeum ulmi* (Fr.) Died.] ●→ *Ulmus* sp.
- Mycovelosiella ariae* → *Passalora ariae*
- Mycovelosiella murina* → *Passalora murina*
- Myriosclerotinia dennisii* (Svrček) J. Schwegler [= *Sclerotinia dennisii* Svrček] ●→ *Eriophorum vaginatum* L. (dead stems).
- Myxocyclus polycystis* → *Splanchnonema argus*
- Napicladium arundinaceum* → *Utrechtiana arundinacea*
- Nectria cinnabarina* (Tode) Fr. [= *Tubercularia vulgaris* Tode] ●→ Bark, rotten twigs: *Acer platanoides* L., *Alnus glutinosa* (L.) Gaertn., *Betula pubescens* Ehrh., *Betula* sp., *Carpinus betulus* L., *Corylus avellana*

- L., *Quercus robur* L., *Tilia cordata* Mill., *Ulmus glabra* Huds. [= *Ulmus scabra* Mill.].
- Nectria coccinea* → *Neonectria coccinea*
- Nectria cucurbitula* → *Neonectria fuckeliana*
- Nectria episphaeria* → *Dialonectria episphaeria*
- Nectria flava* Bonord. ● → Bark.
- Nectria fuckeliana* → *Neonectria fuckeliana*
- Nectria galligena* → *Neonectria ditissima*
- Nectria inaurata* var. *subtersa* → *Thyronectria aquifolii*
- Nectria magnusiana* Rehm ● → Fungi (old stromata): *Diatrypella favacea* (Fr.) Ces. & De Not.
- Nectria modesta* Höhn. ● → *Fraxinus excelsior* L.
- Nectria punicea* → *Neonectria punicea*
- Nectria sanguinea* → *Dialonectria sanguinea*
- Nemania atropurpurea* (Fr.) Pouzar [= *Hypoxyylon atropurpureum* (Fr.) Fr.] ● → *Carpinus betulus* L. (log).
- Nemania serpens* (Pers.) Gray [= *Hypoxyylon serpens* (Pers.) J. Kickx f.] ● → Bark and wood of rotten trees incl.: *Acer platanoides* L., *Carpinus betulus* L., *Quercus robur* L.
- Neobulgaria pura* (Pers.) Petr. ● → *Carpinus betulus* L. (wood of log).
- Neodasyscypha cerina* (Pers.) Spooner [= *Dasyscyphus cerinus* (Pers.) Fuckel, *Lachnum cerinum* (Pers.) Nannf.] ● → *Fraxinus excelsior* L. (wood).
- Neoërysiphe galeopsidis* (DC.) U. Braun [= *Erysiphe galeopsidis* DC. ex Mérat.] ● → *Ballota nigra* L., *Lamium galeobdolon* (L.) L. [= *Galeobdolon luteum* Huds., *Lamiastrum galeobdolon* (L.) Ehrend. & Polatschek], *Galeopsis bifida* Boenn., *Galeopsis speciosa* Mill., *Galeopsis tetrahit* L., *Glechoma hederacea* L., *Lamium maculatum* (L.) L., *Lamium purpureum* L., *Stachys palustris* L., *Stachys sylvatica* L.
- Neoërysiphe galii* (S. Blumer) U. Braun [= *Erysiphe galii* Blumer] ● → *Galium aparine* L., *Galium odoratum* (L.) Scop. [= *Asperula odorata* L.], *Galium palustre* L.
- Neogyromitra gigas* → *Gyromitra gigas*

- Neonectria coccinea* (Pers.) Rossman & Samuels [= *Nectria coccinea* (Pers.) Fr.] ●→ Bark, wood: *Acer platanoides* L., *Betula pubescens* Ehrh., *Carpinus betulus* L., *Tilia cordata* Mill.
- Neonectria ditissima* (Tul. & C. Tul.) Samuels & Rossman [= *Nectria galligena* Bres.] ●→ Plant litter:
- Neonectria fuckeliana* (C. Booth) Castl. & Rossman [= *Nectria cucurbitula* Fuckel, *Nectria fuckeliana* Booth] ●→ *Picea abies* (L.) H. Karst. (wood).
- Neonectria lugdunensis* (Sacc. & Therry) L. Lombard & Crous [= *Heliscus lugdunensis* Sacc. & Therry] ●→ Water.
- Neonectria punicea* (J.C. Schmidt) Castl. & Rossman [= *Nectria punicea* (J.C. Schmidt) Fr.] ●→ *Corylus avellana* L., *Frangula alnus* Mill. [= *Rhamnus frangula* L.], *Tilia cordata* Mill. (bark).
- Niesslia exilis* (Alb. & Schwein.) G. Winter ●→ *Fraxinus excelsior* L. (wood).
- Nigrolentilocus lotorum* (Morgan-Jones) R.F. Castañeda & Heredia [= *Pseudospiropes lotorum* Morgan-Jones, as 'lotorus?'] ●→ Plant debris, water.
- Nitschkia collapsa* (Romell) Chenant. [= *Calyculosphaeria collapsa* (Romell) Fitzp.] ●→ Bark, wood: *Acer platanoides* L., *Fraxinus excelsior* L.
- Nitschkia parasitans* (Schwein.) Nannf. ●→ Fungi (living stromata): *Nectria cinnabarina* (Tode) Fr. (on *Acer platanoides* L. and *Tilia cordata* Mill.), *Neonectria coccinea* (Pers.) Rossman & Samuels [= *Nectria coccinea* (Pers.) Fr.].
- Nodulosphaeria dolioloides* Auersw. [= *Leptosphaeria dolioloides* (Auersw.) P. Karst.] ●→ *Gnaphalium sylvaticum* L. (dead stems).
Oedocephalum pallidum → *Peziza vesiculosa*
- Ombrophila janthina* P. Karsten ●→ *Picea abies* (L.) H. Karst. (cones).
- Ombrophila proximella* (P. Karst.) Boud. [= *Helotium proximellum* Karst.] ●→ *Picea abies* (L.) H. Karst. (fallen cones), *Pinus sylvestris* L. (fallen leaves).
- Ombrophila violacea* Fr. ●→ Plant litter.
- Ophiognomonia intermedia* (Rehm) Sogonov [= *Gnomonia intermedia* Rehm] ●→ *Betula pendula* Roth (dead leaves).

- Ophiognomonium setacea* (Pers.) Sogonov [= *Gnomonia setacea* (Pers.) Ces. & De Not.] ●→ *Alnus glutinosa* (L.) Gaertn. (twigs), *Quercus robur* L. (cupules).
- Ophiostoma ulmi* (Buisman) Nannf. [= *Ceratostomella ulmi* Buisman] ●→ *Tilia cordata* Mill., *Ulmus* sp.
- Orbilium auricolor* (A. Bloxam ex Berk.) Sacc. ●→ Wood of twigs.
- Orbilium curvatispora* Boud. ●→ Wood of logs incl.: *Carpinus betulus* L.
- Orbilium cyathea* Vel. ●→ *Tilia cordata* Mill. (bark of log).
- Orbilium luteorubella* (Nyl.) P. Karsten ●→ Wood of log.
- Orbilium sarraziniana* Boud. ●→ Bark, wood.
- Orbilium xanthostigma* (Fr.) Fr. ●→ Bark and wood of logs incl.: *Betula* sp., *Picea abies* (L.) H. Karst., *Pinus sylvestris* L.
- Otidea abietina* → *Otidea onotica*
- Otidea alutacea* (Pers.) Masee ●→ Soil.
- Otidea cantharella* (Fr.) Quél. [= *Otidea concinna* (Pers.) Sacc.] ●→ Soil.
- Otidea cochleata* (L.) Fuckel ●→ Soil.
- Otidea concinna* → *Otidea cantharella*
- Otidea leporina* (Batsch) Fuckel ●→ Soil.
- Otidea onotica* (Pers.) Fuckel [= *Otidea abietina* (Pers.) Fuckel, *Peziza abietina* Pers.] ●→ *Carpinus betulus* L. (rotten wood), soil.
- Othia quercus* → *Phaeobotryon quercicola*
- Othia spiraeae* (Fuckel) Fuckel ●→ *Acer platanoides* L. (branches).
- Ovularia aplospora* → *Ramularia aplospora*
- Ovularia decipiens* → *Ramularia simplex*
- Ovularia obliqua* → *Ramularia rubella*
- Pachyella babingtonii* → *Adelphella babingtonii*
- Pachyella celtica* (Boud.) Häffner [= *Peziza celtica* (Boud.) M.M. Moser] ●→ Soil.
- Paraarthrocladium amazonense* Matsush. ●→ Water.
- Paracercosporidium microsorum* (Sacc.) U. Braun, C. Nakash., Videira & Crous [= *Cercospora microsora* Sacc., *Passalora microsora* (Sacc.) U. Braun] ●→ *Tilia cordata* Mill.
- Paraconiothyrium fuckelii* (Sacc.) Verkley & Gruyter [= *Coniothyrium fuckelii* Sacc., *Kalmusia coniothyrium* (Fuckel) Huhndorf, *Leptosphaeria coniothyrium* Fuckel] ●→ *Rubus idaeus* L. (overwintered stems).

- Paraconiothyrium tiliae* (F. Rudolphi) Verkley & Gruyter [=*Asteroma tiliae* F. Rudolphi] ●→ *Tilia cordata* Mill. [=*Tilia parvifolia* Ehrh. ex Hoffm.].
- Paraepiococcum amazonense* Matsush. ●→ Water.
- Paraphaeosphaeria michotii* (Westend.) O.E. Erikss. ●→ Substrate not listed.
- Passalora ariae* (Fuckel) U. Braun & Crous [=*Cercospora ariae* Fuckel, *Mycovelosiella ariae* (Fuckel) U. Braun] ●→ *Sorbus aucuparia* L.
- Passalora bacilligera* (Mont. & Fr.) Mont. & Fr. ●→ *Alnus glutinosa* (L.) Gaertn.
- Passalora bellynckii* (Wastedorp) U. Braun ●→ *Vincetoxicum hirundinaria* Medik.
- Passalora campi-silii* (Speg.) U. Braun [=*Cercospora campi-silii* Speg.] ●→ *Impatiens noli-tangere* L.
- Passalora comari* → *Cercospora comari*
- Passalora concors* (Casp.) U. Braun & Crous [=*Cercospora concors* (Casp.) Sacc.] ●→ *Solanum tuberosum* L.
- Passalora depressa* → *Fusoidiella depressa*
- Passalora ferruginea* → *Ragnhildiana ferruginea*
- Passalora galii* (Ellis & Holw.) Arx ●→ *Galium intermedium* Schult. [=*Galium schultesii* Vest].
- Passalora graminis* → *Graminopassalora graminis*
- Passalora microsora* → *Paracercosporidium microsorum*
- Passalora minutissima* (Sacc.) U. Braun ●→ *Geranium pyrenaicum* Burm.f., *Geranium sanguineum* L., *Geranium sylvaticum* L.
- Passalora montana* (Speg.) U. Braun & Crous [=*Phaeoramularia punctiformis* (Schlecht.) U. Braun, *Ramularia karakulinii* N.P. Golovina] ●→ *Epilobium angustifolium* L., *Epilobium montanum* L.
- Passalora murina* (Ellis & Kellerm.) U. Braun & Crous [=*Mycovellosiella murina* (Ellis & Kellerm.) Deighton] ●→ *Viola epipsila* Ledeb., *Viola palustris* L.
- Passalora ribis-rubri* (Sävul. & Sandu) U. Braun [=*Cercospora marginalis* Thuem. & Bolle] ●→ *Ribes nigrum* L.
- Peckiella luteovirens* → *Hypomyces luteovirens*

- Penicillium chrysogenum* Thom [= *Penicillium notatum* Westling] ● → Plant debris.
- Penicillium glaucoalbidum* (Desm.) Houbraken & Samson [= *Thysanophora penicillioides* (Roum.) W.B. Kendr.] ● → Substrate not listed.
- Penicillium notatum* → *Penicillium chrysogenum*
- Periconia minutissima* Corda ● → *Peucedanum palustre* (L.) Moench.
- Peroneutypa corniculata* (Ehrh.) Berl. [= *Diatrype corniculata* (Ehrh.) Berk. & Broome] ● → *Corylus avellana* L. (dead stems).
- Peyritschiella furcifera* (Thaxt.) I.I. Tav. ● → Insects (Coleoptera): *Philonthus debilis* Gravenhorst.
- Peyritschiella geminata* Thaxt. ● → Insects (Coleoptera): *Pterostichus nigrita* Fabricius.
- Peyritschiella protea* Thaxt. ● → Insects (Coleoptera): *Anotylus insecatus* Gravenhorst, *Anotylus rugosus* Fabricius.
- Peyritschiella vulgata* (Thaxt.) I.I. Tav. ● → Insects (Coleoptera): *Spatulonthus longicornis* Stephens.
- Pezicula acericola* (Peck) Peck ex Sacc. & Berl. ● → *Acer platanoides* L. (bark of fallen branches, log).
- Pezicula carpinea* (Pers.) Tul. ex Fuckel ● → *Carpinus betulus* L.
- Pezicula cinnamomea* (DC.) Sacc. [= *Cryptosporiopsis quercina* (Fuckel) Petr.] ● → *Quercus robur* L.
- Pezicula coryli* (Tul.) Tul. & C. Tul. ● → *Corylus avellana* L. (bark).
- Peziza abietina* → *Otidea onotica*
- Peziza arvernensis* Boud. ● → Plant litter.
- Peziza badia* Pers. [= *Plicaria badia* (Pers.) Rehm] ● → Soil, rotten wood: *Betula* sp., *Carpinus betulus* L., *Populus tremula* L., *Quercus robur* L.
- Peziza badioconfusa* Korf ● → Rotten wood.
- Peziza badiofusca* (Boud.) Dennis ● → Soil.
- Peziza celtica* → *Pachyella celtica*
- Peziza cerea* Sow. ● → Soil, wood of log.
- Peziza depressa* Pers. ● → Soil.
- Peziza emileia* → *Peziza howsei*
- Peziza fimeti* (Fuckel) Seaver ● → Dung of herbivores.
- Peziza hemisphaerica* → *Humaria hemisphaerica*
- Peziza hirta* → *Scutellinia hirta*

- Peziza howsei* (Boud.) Donadini [= *Peziza emileia* Cooke] ● → Soil.
- Peziza michelii* (Boud.) Dennis ● → Soil.
- Peziza micropus* Pers. ● → Bark and wood of deciduous trees incl.: *Betula* sp., *Carpinus betulus* L., *Tilia cordata* Mill., also on ?*Picea abies* (L.) H. Karst.
- Peziza pseudoviolacea* Donadini ● → Substrate not listed.
- Peziza repanda* Pers. ● → Bark, wood.
- Peziza saniosa* Schrad. ● → Soil.
- Peziza scutellata* → *Scutellinia scutellata*
- Peziza umbrata* → *Scutellinia umbrorum*
- Peziza varia* (Hedw.) Fr. ● → *Quercus robur* L. (bark, wood).
- Peziza vesiculosa* Bull. [= *Oedocephalum pallidum* (Berk. & Broome) Costantin ex Thaxt.] ● → Dung of herbivores.
- Peziza violacea* Pers. ● → Substrate not listed.
- Peziza viridifusca* Delacr. ● → Soil.
- Pezizella alniella* → *Calycina alniella*
- Pezizella amenti* → *Cyathicula amenti*
- Pezizella chrysostigma* → *Psilachnum chrysostigmum*
- Phacellium alborosellum* (Desm.) U. Braun ● → *Cerastium fontanum* subsp. *vulgare* (Hartm.) Greuter & Burdet. [= *Cerastium holosteoides* Fr. emend. Hyl.]
- Phacellium carneum* (Oudem.) U. Braun [= *Isariopsis carnea* Oudem.] ● → *Lathyrus pratensis* L.
- Phacellium episphaerium* (Desm.) U. Braun [= *Ramularia episphaeria* (Desm.) Gunnerb.] ● → *Stellaria holostea* L., *Stellaria nemorum* L.
- Phacidium lacerum* Fr. ● → *Pinus sylvestris* L. (fallen needles).
- Phaeoacremonium vibratile* (Fr.) Gramaje, L. Mostert & Crous [= *Calosphaeria vibratilis* (Fr.) Nitschke] ● → Twigs: *Corylus avellana* L., *Tilia cordata* Mill.
- Phaeobotryon quercicola* (A.J.L. Phillips) Crous & A.J.L. Phillips [= *Othia quercus* Fuckel] ● → *Quercus robur* L. (dead branches).
- Phaeohelotium monticola* (Berk.) Dennis ● → Bark, wood: *Betula* sp., *Quercus robur* L.
- Phaeoramularia punctiformis* → *Passalora montana*

- Phaeosphaeria culmorum*** (Auersw.) Leuchtm. ●→ Overwintered stems: *Calamagrostis arundinacea* (L.) Roth, *Molinia caerulea* (L.) Moench.
- Phaeosphaeria eustoma*** (Fuckel) Holm ●→ Overwintered stems of grass
- Phaeosphaeria fuckelii*** (Niessl) Holm ●→ *Calamagrostis arundinacea* (L.) Roth, *Calamagrostis canescens* (Weber) Roth, *Deschampsia* sp., *Festuca gigantea* (L.) Vill., *Glyceria fluitans* (L.) R. Br., *Poa trivialis* L.
- Phaeosphaeria juncina*** (Auersw.) L. Holm ●→ *Juncus effusus* L. (overwintered stems).
- Phaeosphaeria lycopodina*** (Mont.) Hedjar. ●→ Lycopods: *Huperzia selago* (L.) Bernh. ex Schrank & Mart. (overwintered stems), *Lycopodium annotinum* L. (leaves).
- Phaeosphaeria nodorum*** (E. Müll.) Hedjar. ●→ *Calamagrostis arundinacea* (L.) Roth, *Festuca altissima* All.
- Phaeosphaeria norfolcia*** (Cooke) Leucht. ●→ *Juncus effusus* L. (overwintered stems).
- Phaeosphaeria stellariae*** (Rostr.) Leucht. [= *Leptosphaeria stellariae* Rostrup] ●→ *Stellaria holostea* L.
- Phaeostalagmus tenuissimus*** (Corda) W. Gams & Hol.-Jech. ●→ Wood of deciduous trees incl.: *Carpinus betulus* L.
- Phaulomyces euaestheti*** (Thaxt.) I.I. Tav. ●→ Insects (Coleoptera): *Euaesthetus ruficapillus* Lacordaire.
- Phaulomyces octotemni*** (T. Majewski) I.I. Tav. ●→ Insects (Coleoptera): *Octotemnus glabriculus* Gyllenhal.
- Phaulomyces ptilii*** T. Majewski ●→ Insects (Coleoptera): *Ptilium affine* Erichson.
- Phialea strobilina*** (Fr.) Gillet ●→ *Picea abies* (L.) H. Karst. (fallen cones).
- Phialina lachnobrachya* → ***Calycellina lachnobrachya***
- Phialina separabilis*** (P. Karst.) Huhtinen & Scheuer [= *Hymenoscyphus separabilis* (P. Karst.) Dennis] ●→ *Rubus idaeus* L. (overwintered stems).
- Phialocephala humicola*** S.C. Jong & E.E. Davis ●→ *Picea abies* (L.) H. Karst. (fallen needles).
- Phialophora lasiosphaeriae* → ***Lasiosphaeria hispida***

- Phoma exigua* Desm. var. *exigua* ●→ *Lycopus europaeus* L., *Melittis melissophyllum* L., *Sium latifolium* L., *Solanum dulcamara* L., *Stellaria holostea* L., *Stellaria nemorum* L.
- Phoma piskorzii* (Petr.) Boerema & Loer. ●→ *Urtica dioica* L.
- Phoma szczepkowskii* Dominik ●→ *Rorippa amphibia* (L.) Besser.
- Phoma viburni* (Roum. ex Sacc.) Boerema & M.L. Griffin ●→ *Viburnum opulus* L.
- Phoma* sp. ●→ *Persicaria hydropiper* (L.) Delarbre. [= *Polygonum hydropiper* L.], *Populus tremula* L.
- Phomatospora angelicae* (Sacc.) Mouton ●→ *Peucedanum palustre* (L.) Moench (overwintered stems).
- Phomatospora dinemasporium* J. Webster [= *Dinemasporium strigosum* (Pers.) Sacc.] ●→ *Calamagrostis arundinacea* (L.) Roth.
- Phomatospora therophila* → *Phyllachora therophila*
- Phomopsis occulta* (Sacc.) Traverso ●→ *Picea abies* (L.) H. Karst.
- Phomopsis pungens* (Nitschke ex Sacc.) Grove [= *Diaporthe pungens* Nitschke] ●→ *Ribes* sp. (dead branches).
- Phomopsis revellens* (Sacc.) Traverso [= *Diaporthe revellens* Nitschke] ●→ *Corylus avellana* L. (dead branches).
- Phomopsis sorbicola* Grove ●→ *Sorbus aucuparia* L.
- Phomopsis velata* (Sacc.) Traverso [= *Diaporthe eres* Nitschke, *Diaporthe velata* (Pers.) Nitschke] ●→ *Fraxinus excelsior* L., *Tilia cordata* Mill. (dead twigs).
- Phyllachora graminis* (Pers.) Fuckel ●→ *Brachypodium sylvaticum* (Huds.) P. Beauv., *Poa nemoralis* L.
- Phyllachora junci* (Alb. & Schwein.) Fuckel ●→ *Juncus effusus* L. (overwintered stems).
- Phyllachora pteridis* (Rebent.) Fuckel ●→ Ferns: *Pteridium aquilinum* (L.) Kuhn.
- Phyllachora therophila* (Desm.) Arx & E. Müll. [= *Phomatospora therophila* (Desm.) Sacc.] ●→ *Juncus effusus* L. (overwintered stems).
- Phyllactinia corylea* → *Phyllactinia guttata*
- Phyllactinia fraxinicola* U. Braun & H.D. Shin [= *Phyllactinia guttata* auct. p.p.] ●→ *Fraxinus excelsior* L.

Phyllactinia guttata (Wallr.) Lév. [= *Phyllactinia corylea* (Pers.) P. Karst.]

● → *Corylus avellana* L.

Phyllactinia guttata → *Phyllactinia fraxinicola*

Phyllosticta aceris Sacc. ● → *Acer platanoides* L.

Phyllosticta aegopodii → *Mycosphaerella podagrariae*

Phyllosticta alnicola → *Asteromella alnicola*

Phyllosticta argillacea Bres. ● → *Rubus idaeus* L.

Phyllosticta aucupariae Thuem. ● → *Sorbus aucuparia* L.

Phyllosticta betonicae Brunaud ● → *Stachys palustris* L.

Phyllosticta betulae → *Asteromella maculiformis*

Phyllosticta betulina → *Asteromella maculiformis*

Phyllosticta campestris L. ● → *Acer platanoides* L.

Phyllosticta caricis (Fuckel) Sacc. ● → *Carex pilosa* Scop.

Phyllosticta cicutae → *Asteromella cicutae*

Phyllosticta circaeae Mel'nik ● → *Circaea alpina* L.

Phyllosticta dulcamarae Sacc. ● → *Solanum dulcamara* L.

Phyllosticta ehrhartii Sacc. ● → *Scrophularia nodosa* L.

Phyllosticta euonymella → *Asteromella euonymella*

Phyllosticta filipendulina Sacc. & Speg. ● → *Filipendula ulmaria* (L.) Maxim.

Phyllosticta galeobdoli Syd. & P. Syd. ● → *Lamium galeobdolon* (L.) L. [= *Lamiastrum galeobdolon* (L.) Ehrend. & Polatschek].

Phyllosticta galeopsidis Sacc. ● → *Galeopsis bifida* Boenn.

Phyllosticta grossulariae Sacc. ● → *Ribes nigrum* L., *Ribes spicatum* Robson.

Phyllosticta hepaticae Brunaud ● → *Hepatica nobilis* Mill.

Phyllosticta holostea Allescher ● → *Stellaria holostea* L.

Phyllosticta impatiens Fautr. ● → *Impatiens noli-tangere* L.

Phyllosticta leptidae Fr. ● → *Vaccinium vitis-idaea* L.

Phyllosticta letendrei (Sacc.) Allesch. ● → *Lysimachia thyrsoflora* L.

Phyllosticta leucospila (Pass.) Allesch. ● → *Sorbus aucuparia* L.

Phyllosticta lysimachiae → *Asteromella lysimachiae*

Phyllosticta lythri Cejp ● → *Lythrum salicaria* L.

Phyllosticta multiformis Petrak ● → *Lactuca muralis* (L.) Gaertn. [= *Mycelis muralis* (L.) Dumort.].

- Phyllosticta orni* Bubák ● → *Fraxinus excelsior* L.
Phyllosticta osteospora Sacc. ● → *Fraxinus excelsior* L.
Phyllosticta oxalidis Sacc. ● → *Oxalis acetosella* L.
Phyllosticta passerini → *Asteromella pruni-mahaleb*
Phyllosticta platanoidis → *Asteromella platanoidis*
Phyllosticta polygonorum Sacc. ● → *Persicaria hydropiper* (L.) Delarbre.
 [= *Polygonum hydropiper* L.].
Phyllosticta rubicola Rabenh. ● → *Rubus idaeus* L.
Phyllosticta salicina → *Asteromella salicina*
Phyllosticta senecionis-nemorensis → *Asteromella senecionis-nemorensis*
Phyllosticta tiliae Sacc. & Spæg. ● → *Tilia cordata* Mill.
Phyllosticta uricae Sacc. ● → *Urtica dioica* L.
Phyllosticta sp. ● → *Amelanchier ovalis* Medik., *Stellaria holostea* L.
Piggotia coryli (Desm.) Sutton ● → *Corylus avellana* L.
Placosphaeria punctiformis (Fuckel) C. Massal. & Sacc. ● → *Galium uliginosum* L.
Placosphaeria stellariae (Lib.) Sacc. ● → *Stellaria holostea* L.
Plagiostoma apiculatum (Wallr.) L.C. Mejía [= *Cryptodiaporthe apiculata* (Wallr.) Petr., *Cryptodiaporthe salicina* Wehm.] ● → *Salix cinerea* L., *Salix* sp. (dead twigs).
Plagiostoma salicellum (Fr.) Sogonov [= *Cryptodiaporthe salicella* (Fr.) Petr.] ● → *Salix cinerea* L.
Platychora ulmi → *Dothidella ulmi*
Platystomum compressum → *Lophiostoma compressum*
Plectania coccinea → *Sarcoscypha coccinea*
Plectania melastoma (Sowerby) Fuckel [= *Urnula melastoma* (Sowerby) Rehm] ● → Wood (mossy log).
Pleiochaeta setosa (Kirchn.) S. Hughes ● → *Lupinus polyphyllus* Lindl. (dead stems).
Plicaria badia → *Peziza badia*
Plicaria leiocarpa (Curr.) Boud. ● → Burnt ground.
Plicaria sp. ● → Dead trunks.
Plenodomus hendersoniae (Fuckel) Gruyter, Aveskamp & Verkley
 [= *Melanomma hendersoniae* (Fuckel) Sacc.] ● → *Carpinus betulus* L. (dead twigs).

- Pleomassaria carpini* (Fuckel) Sacc. ●→ *Carpinus betulus* L. (dead twig).
- Pleomassaria siparia* (Berk. & Broome) Sacc. ●→ *Betula pendula* Roth (wood).
- Pleospora herbarum* (Pers.) Rabenh. ●→ *Fraxinus excelsior* L.
- Poculum firmum* → *Rutstroemia firma*
- Poculum petiolorum* → *Rutstroemia petiolorum*
- Poculum sydowianum* → *Rutstroemia sydowiana*
- Podosphaera aphanis* (Wallr.) U. Braun & S. Takam. var. *aphanis* [= *Sphaerotheca alchemillae* (Grev.) Junell, *Sphaerotheca castagnei* auct. p.p.] ●→ *Alchemilla cymatophylla* Juz., *Alchemilla* sp., *Comarum palustre* L., *Geum rivale* L., *Geum urbanum* L., *Potentilla anserina* L., *Potentilla erecta* (L.) Raeusch., *Rubus idaeus* L.
- Podosphaera aucupariae* Erikss. [= *Podosphaera clandestina* auct. p.p.] ●→ *Sorbus aucuparia* L.
- Podosphaera balsaminae* (Kari ex Braun) U. Braun & S. Takam. [= *Sphaerotheca balsaminae* (Wallr.) Kari] ●→ *Impatiens noli-tangere* L.
- Podosphaera clandestina* → *Podosphaera aucupariae*
- Podosphaera epilobii* (Wallr.) U. Braun & S. Takam. [= *Sphaerotheca epilobii* (Link) Sacc.] ●→ *Epilobium palustre* L.
- Podosphaera erigerontis-canadensis* (Lév.) U. Braun & T.Z. Liu [= *Sphaerotheca erigerontis-canadensis* (Lév.) L. Junell, *Sphaerotheca fusca* auct. p.p.] ●→ *Erigeron canadensis* L. [= *Conyza canadensis* (L.) Cronquist], *Crepis paludosa* (L.) Moench, *Lapsana communis* L., *Taraxacum officinale* F.H. Wigg.
- Podosphaera euphorbiae* (Castagne) U. Braun & S. Takam. ●→ *Euphorbia cyparissias* L.
- Podosphaera filipendulae* (Z.Y. Zhao) T.Z. Liu & U. Braun ●→ *Filipendula ulmaria* (L.) Maxim.
- Podosphaera fugax* (Penz. & Sacc.) U. Braun & S. Takam. [= *Sphaerotheca fugax* Penz. & Sacc.] ●→ *Geranium palustre* L.
- Podosphaera fuliginea* (Schltdl.) U. Braun & S. Takam. [= *Sphaerotheca fuliginea* (Fr.) Poll.] ●→ *Veronica chamaedrys* L., *Veronica longifolia* L.
- Podosphaera leucotricha* (Ellis & Everhart) Salmon ●→ *Malus domestica* Borkh., *Malus sylvestris* (L.) Mill.

Podosphaera macularis (Wallr.) U. Braun & S. Takam. [= *Sphaerotheca castagnei* Lév., *Sphaerotheca macularis* (Fr.) Lind.] ●→ *Humulus lupulus* L.

Podosphaera major → *Podosphaera myrtillina* var. *major*

Podosphaera myrtillina (C. Schub.) Kunze var. *major* Juel [= *Podosphaera major* (Juel) Blumer] ●→ *Vaccinium oxycoccos* L. [= *Oxycoccus quadripetalus* Gilib.], *Vaccinium uliginosum* L.

Podosphaera myrtillina (C. Schub.) Kunze var. *myrtillina* [= *Podosphaera myrtillina* (Fr.) Kunze, *Podosphaera oxyacanthae* (DC.) de Bary] ●→ *Vaccinium myrtillus* L.

Podosphaera oxyacanthae → *Podosphaera myrtillina* var. *myrtillina*

Podosphaera pannosa (Wallr.) de Bary ●→ *Rosa canina* L., *Rosa rugosa* Thunb., *Rosa* sp.

Podosphaera phtheirospermi (Henn. & Shirai) U. Braun & T.Z. Liu [= *Sphaerotheca fusca* auct. p.p., *Sphaerotheca melampyri* Junell, *Sphaerotheca phtheirospermi* Henn. & Shirai] ●→ *Melampyrum nemorosum* L., *Melampyrum pretense* L., *Odontites vulgaris* Moench [= *Odontites serotina* (Lam.) Rchb.].

Podosphaera plantaginis (Castagne) U. Braun & S. Takam. ●→ *Plantago lanceolata* L.

Podosphaera senecionis U. Braun ●→ *Senecio paludosus* L.

Podosphaera tridactyla (Wallr.) de Bary ●→ *Prunus padus* L. [= *Padus avium* Mill.].

Podosphaera xanthii (Castagne) U. Braun & Shishkoff [= *Sphaerotheca fuliginea* (Schlecht.) Salm., *Sphaerotheca xanthii* (Cast.) Junell] ●→ *Bidens cernua* L. [= *Bidens cernuus* L.], *Bidens tripartita* L.

Podospora curvula → *Schizothecium fimicola*

Podospora minuta → *Trichodelitschia bisporula*

Pollaccia radiosa → *Venturia radiosa*

Poloniodiscus fischeri → *Ionomidotis irregularis*

Polycladium equiseti Ingold ●→ Plant debris.

Praetumpfia obducens (Schumach.) Jaklitsch & Voglmayr [= *Cucurbitaria obducens* (Fr.) Petrak] ●→ *Betula pendula* Roth (bark).

- Propolis farinosa* (Pers.) Fr. [=*Propolis versicolor* (Fr.) Fr.] ●→ Fallen twigs of deciduous trees incl.: *Frangula alnus* Mill., *Fraxinus excelsior* L., *Prunus padus* L. [=*Padus avium* Mill.], *Salix caprea* L.
Propolis versicolor → ***Propolis farinosa***
- Protomyces cirsii-oleracei* Buhr ●→ *Cirsium oleraceum* (L.) Scop.
- Protomyces kriegerianus* Büren ●→ *Leontodon hispidus* L., *Leontodon hispidus* L. subsp. *opimus* (Koch) R.A. Finch & P.D. Sell
- Protomyces macrosporus* Unger ●→ *Aegopodium podagraria* L.
- Protomyces pachydermus* Thüm. ●→ *Taraxacum officinale* F.H. Wigg.
- Pseudapiospora lycopodina* → ***Leiosphaerella lycopodina***
- Pseudocercospora opuli* (Höhn.) U. Braun & Crous [=*Cercospora opuli* (Fuckel) Hoehn.] ●→ *Viburnum opulus* L.
- Pseudohelotium pineti* (Batsch) Fuckel ●→ *Pinus sylvestris* L. (fallen needles).
- Pseudolachnea hispidula* (Schrad.) B. Sutton ●→ *Calamagrostis arundinacea* L. Roth, *Juncus effusus* L., *Phragmites australis* (Cav.) Trin. ex Steud.
- Pseudomassaria lycopodina* → ***Leiosphaerella lycopodina***
- Pseudopeziza calthae* (Phill.) Massee ●→ *Caltha palustris* L.
- Pseudoplectania nigrella* (Pers.) Fuckel ●→ *Picea abies* (L.) H. Karst. (log, trunk).
- Pseudorhizina sphaerospora* → ***Gyromitra sphaerospora***
- Pseudorhytisma bistortae* (DC.) Juel ●→ *Polygonum bistorta* L.
- Pseudospiropes lotorum* → ***Nigrolentilocus lotorum***
- Pseudotrichia minor* Munk ●→ Fungi (stromata): *Amphiporthe leiphaemia* (Fr.) Butin [=*Diaporthe leiphaemia* (Fr.) Sacc.] (on dead twigs of *Quercus robur* L.), *Diaporthe* sp. (on dead twigs of *Carpinus betulus* L. and *Fraxinus excelsior* L.).
- Pseudovalsa lanciformis* → ***Coryneum lanciforme***
- Pseudovalsa umbonata* (Tul. & C. Tul.) Sacc. [=*Coryneum depressum* J.C. Schmidt] ●→ *Quercus robur* L. (dead twigs, wood).
- Pseudovalsaria ferruginea* (Nitschke) Rappaz [=*Pseudovalsaria foedans* (P. Karst.) Spooner, *Valsaria foedans* (P. Karst.) Sacc., *Valsaria niesslii* (G. Winter) Sacc.] ●→ *Alnus glutinosa* (L.) Gaertn., *Betula pubescens* Ehrh., *Salix aurita* L. (twigs, branches).

- Pseudovalsaria foedans* → *Pseudovalsaria ferruginea*
Psilachnum chrysostigmum (Fr.) Raitv. [= *Pezizella chrysostigma* (Fr.) Sacc.] ● → Ferns (overwintered petioles): *Dryopteris* sp.
Psilachnum inquinum (P. Karst.) Dennis ● → Horsetails (overwintered stems): *Equisetum* sp.
Ptychoverpa bohémica → *Verpa bohémica*
Pulvinula convexella (P. Karst.) Pfister ● → Soil.
Pyramidospora casuarinae Sv. Nilsson ● → Plant debris.
Pyrenochaeta fallax Bres. ● → *Urtica dioica* L.
Pyrenochaeta rubi-idaei Cavara ● → *Rubus idaeus* L.
Pyrenopeziza arundinacea (DC.) Boud. [= *Mollisia arundinacea* (DC.) W. Phillips] ● → Overwintered stems of grasses.
Pyrenopeziza benesuada (Tul.) Gremmen [= *Mollisia benesuada* (Tul.) W. Phillips] ● → Twigs of trees incl.: *Alnus glutinosa* (L.) Gaertn.
Pyrenopeziza escharodes → *Mollisia escharodes*
Pyrenophora trichostoma → *Pyrenophora tritici-repentis*
Pyrenophora tritici-repentis (Died.) Drechsler [= *Pyrenophora trichostoma* (Fr.) Fuckel] ● → *Calamagrostis arundinacea* (L.) Roth (overwintered stems).
Quaternaria dissepta (Fr.) Tul. & C. Tul. ● → *Carpinus betulus* L.
Rabenhorstia tiliae → *Hercospora tiliae*
Ragnhildiana ferruginea (Fuckel) U. Braun, C. Nakash., Videira & Crous [= *Cercospora ferruginea* Fuckel, *Passalora ferruginea* (Fuckel) U. Braun & Crous] ● → *Artemisia vulgaris* L.
Ramularia acris Lindr. ● → *Ranunculus lanuginosus* L.
Ramularia ajugae (Niessl) Saccardo ● → *Ajuga reptans* L.
Ramularia anchusae Massalongo ● → *Anchusa officinalis* L.
Ramularia aplospora Spegazzini [= *Ovularia aplospora* (Speg.) Magnus] ● → *Alchemilla* sp.
Ramularia armoracia (Saccardo) Höhnelt ● → *Acorus calamus* L.
Ramularia beccabungae Fautr. ● → *Veronica anagallis-aquatica* L.
Ramularia brunellae → *Ramularia lamii* var. *minor*
Ramularia caduca (Voss) U. Braun [= *Ramularia circaeae* (Schroet.) Allesch.] ● → *Circaea lutetina* L.

- Ramularia cardamines* Syd. ●→ *Cardamine amara* L. [=*Cardamine amara* L. subsp. *amara*].
- Ramularia carneola* (Sacc.) Nannf. [=*Ramularia scrophulariae* Fautrey & Roum.] ●→ *Scrophularia nodosa* L.
- Ramularia cerinthes* Hollós em. U. Braun [=*Ramularia myosotidis* Vassiljevsky] ●→ *Myosotis scorpioides* L. [=*Myosotis palustris* L. (L.) emend. Rehb.].
- Ramularia chalcedonica* → *Ramularia didymarioides*
- Ramularia chamaedryos* (Lindr.) Gunnerb. ●→ *Veronica chamaedrys* L.
- Ramularia cicutae* → *Ramularia heraclei*
- Ramularia circaeae* → *Ramularia caduca*
- Ramularia cylindroides* Saccardo var. *cylindroides* ●→ *Pulmonaria obscura* Dumort.
- Ramularia didyma* Unger var. *didyma* [=*Ramularia didyma* Unger] ●→ *Ranunculus repens* L.
- Ramularia didyma* var. *exigua* (U. Braun) U. Braun ●→ *Ranunculus lingua* L.
- Ramularia didymarioides* (U. Braun) U. Braun [=*Ramularia chalcedonica* Allesch.] ●→ *Silene latifolia* Poir. [=*Melandrium album* (Mill.) Garcke].
- Ramularia episphaeria* → *Phacellium episphaerium*
- Ramularia exilis* → *Ramularia lamii* var. *lamii*
- Ramularia filaris* Fres. ●→ *Senecio paludosus* L.
- Ramularia galeopsidis* → *Ramularia lamii* var. *lamii*
- Ramularia geranii* Fuckel ●→ *Geranium pyrenaicum* Burm.f.
- Ramularia heraclei* (Oudemans) Saccardo em. U. Braun [=*Ramularia cicutae* P. Karst.] ●→ *Cicuta virosa* L.
- Ramularia inaequale* (Preuss) U. Braun ●→ *Hypochoeris radicata* L.
- Ramularia karakulinii* → *Passalora montana*
- Ramularia knautiae* → *Ramularia tricherae*
- Ramularia lactea* (Desm.) Sacc. ●→ *Viola canina* L., *Viola* sp.
- Ramularia lactucae* → *Ramularia mulgedii*
- Ramularia lamii* Fuckel em. U. Braun var. *lamii* [=*Ramularia exilis* Syd. & P. Syd., *Ramularia galeopsidis* Bubák, *Ramularia leonuri* Sorokín] ●→ *Galeopsis bifida* Boenn., *Lamium galeobdolon* (L.) L.

- [=*Galeobdolon luteum* Huds., *Lamiastrum galeobdolon* (L.) Ehrend. & Polatschek], *Leonurus cardiaca* L.
- Ramularia lamii*** var. *minor* U. Braun [=*Ramularia brunellae* Ellis & Everh.] ●→ *Prunella vulgaris* L.
- Ramularia lapsanae*** (Desm.) Sacc. ●→ *Lapsana communis* L.
- Ramularia leonuri* → ***Ramularia lamii*** var. *lamii*
- Ramularia linariae*** Baudyš & Picbauer ●→ *Linaria vulgaris* Mill.
- Ramularia ludwigiana* → ***Spermosporina ludwigiana***
- Ramularia lysimachiae*** Thuem. ●→ *Lysimachia thyrsoiflora* L., *Lysimachia vulgaris* L.
- Ramularia magnusiana* → ***Spermosporina magnusiana***
- Ramularia matricariae*** Antok. ex Vassiljevsky & Karak. ●→ *Matricaria maritima* L. subsp. *inodora* (L.) Dostál.
- Ramularia moehringiae*** Lindr. ●→ *Moehringia trinervia* (L.) Clairv.
- Ramularia mulgedii*** (Bubák) Bubák [=*Ramularia lactucae* (Jaap) Jaap] ●→ *Lactuca muralis* (L.) Gaertn. [=*Mycelis muralis* (L.) Dumort.].
- Ramularia myosotidis* → ***Ramularia cerinthes***
- Ramularia plantaginis*** Ellis & G. Martin ●→ *Plantago major* L.
- Ramularia pratensis*** Sacc. ●→ *Rumex acetosa* L., *Rumex* sp.
- Ramularia ranunculi* → ***Ramularia simplex***
- Ramularia repentis*** Oudem. ●→ *Ranunculus repens* L.
- Ramularia rubella*** (Bon.) Nannf. [=*Ovularia obliqua* (Cooke) Oudem.] ●→ *Persicaria hydropiper* (L.) Delarbre. [=*Polygonum hydropiper* L.], *Rumex confertus* Willd.
- Ramularia rubi* → ***Cercospora rubi***
- Ramularia scrophulariae* → ***Ramularia carneola***
- Ramularia simplex*** Passerini [=*Ovularia decipiens* Sacc., *Ramularia ranunculi* Peck] ●→ *Ranunculus lanuginosus* L., *Ranunculus repens* L.
- Ramularia subsanguinea* → ***Zasmidium subsanguineum***
- Ramularia taraxaci*** P. Karst. ●→ *Taraxacum officinale* F.H. Wigg.
- Ramularia tricherae*** Lindr. [=*Ramularia knautiae* (C. Massal.) Bubák] ●→ *Knautia arvensis* (L.) Coult.
- Ramularia ulmariae*** Cooke ●→ *Filipendula ulmaria* (L.) Maxim.
- Ramularia urticae*** Ces. ●→ *Urtica dioica* L.
- Ramularia valerianae*** (Speg.) Sacc. ●→ *Valeriana officinalis* L.

- Repetophragma filisporum*** (Matsush.) R.F. Castañeda, McKenzie & K.D. Hyde [= *Sporidesmium filisporum* Matsush.] ●→ Water.
- Rhabdospora bresadolae*** Allesch. ●→ *Peucedanum palustre* (L.) Moench.
- Rhabdospora stemmatea*** Died. ●→ *Vaccinium vitis-idaea* L.
- Rhachomyces lasiophorus*** (Thaxt.) Thaxt. ●→ Insects (Coleoptera): *Acupalpus consputus* Duftschmid, *Acupalpus exiguus* Dejean, *Acupalpus parvulus* Sturm, *Badister dilatatus* Chaudoir, *Badister peltatus* Panzer.
- Rhachomyces philonthinus*** Thaxt. ●→ Insects (Coleoptera): *Philonthus confinis* A. Strand, *Philonthus cruentatus* Gmelin, *Philonthus fimetarius* Gravenhorst, *Philonthus fumarius* Gravenhorst, *Philonthus marginatus* Ström, *Philonthus quisquiliarius* Gyllenhal, *Philonthus umbratilis* Gravenhorst, *Philonthus varians* Paykull, *Philonthus* cf. *variens*, *Spatulonthus longicornis* Stephens, *Spatulonthus parvicornis* Gravenhorst.
- Rhadinomyces cristatus*** Thaxt. ●→ Insects (Coleoptera): *Lathrobium brunnipes* Fabricius, *Lathrobium volgense* Hochhuth, *Lathrobium* sp.
- Rhadinomyces pallidus*** Thaxt. ●→ Insects (Coleoptera): *Lathrobium brunnipes* Fabricius, *Lathrobium terminatum* Gravenhorst.
- Rhizina undulata*** Fr. ●→ Burnt ground.
- Rhizosphaera pini*** (Corda) Maubl. ●→ *Abies alba* L.
- Rhopoglyphus filicinus*** (Fr.) Nitschke ex Fuckel ●→ Ferns: *Pteridium aquilinum* (L.) Kuhn (overwintered leaves).
- Rhynchophoromyces anacaenae*** Scheloske ●→ Insects (Coleoptera): *Anacaena limbata* Fabricius, *Anacaena lutescens* Stephens.
- Rhytisma acerinum*** (Pers.) Fr. [= *Melasmia acerina* Lév.] ●→ *Acer platanoides* L., *Acer pseudoplatanus* L.
- Rhytisma andromedae*** (Pers.) Fr. ●→ *Andromeda polifolia* L.
- Rhytisma punctatum*** (Pers.) Fr. [= *Melasmia punctata* Rabenh.] ●→ *Acer platanoides* L.
- Rhytisma salicinum*** (Pers.) Fr. ●→ *Salix aurita* L., *Salix caprea* L., *Salix* sp..
- Rickia peyerimhoffii*** Maire ●→ Insects (Coleoptera): *Scaphisoma agaricinum* Linn., *Scaphisoma assimile* Erichson, *Scaphisoma boreale* Lundbland, *Scaphisoma subalpinum* Reitter.

- Rickia polonica* T. Majewski ●→ Arachnids (Acarina): *Macrocheles glaber* Müller.
- Rickia proteini* T. Majewski ●→ Insects (Coleoptera): *Proteinus brachypterus* Fabricius, *Proteinus macropterus* Gyllenhal.
- Rickia ptiliidarum* T. Majewski ●→ Insects (Coleoptera): *Nanoptilium aequisetum* Młynarski.
- Rosellinia corticium* (Schwein.) Sacc. ●→ *Carpinus betulus* L. (dead twig, wood).
- Rosellinia mammiformis* (Pers.) Ces. & De Not. ●→ *Carpinus betulus* L. (bark), rotten trunk of unidentified species.
- Rutstroemia bolaris* (Batsch) Rehm ●→ Wood: *Carpinus betulus* L., *Corylus avellana* L.
- Rutstroemia conformata* (P. Karst.) Nannf. ●→ *Alnus glutinosa* (L.) Gaertn. (fallen leaves).
- Rutstroemia firma* (Pers.) P. Karst. [= *Poculum firmum* (Pers.) Dumont] ●→ *Quercus robur* L. (twigs).
- Rutstroemia henningsiana* (Plötn.) Dennis ●→ *Eriophorum vaginatum* L. (dead stems).
- Rutstroemia luteovirescens* → *Lanzia luteovirescens*
- Rutstroemia petiolorum* (Roberge ex Desm.) W.L. White [= *Poculum petiolorum* (Roberge ex Desm.) Dumont & Korf] ●→ *Quercus robur* L. (fallen leaves).
- Rutstroemia sydowiana* (Rehm) W.L. White [= *Poculum sydowianum* (Rehm) Dumont] ●→ *Quercus robur* L. (fallen leaves).
- Ruzenia spermoides* (Hoffm.) O. Hilber [= *Lasiosphaeria spermoides* (Hoffm.) Ces. & De Not.] ●→ Wood: *Alnus glutinosa* (L.) Gaertn., *Betula* sp., *Carpinus betulus* L.
- Ryparobius polysporus* → *Thelebolus polysporus*
- Saccobolus beckii* Heimerl ●→ Dung of herbivores.
- Saccobolus depauperatus* (Berk. & Broome) E.C. Hansen ●→ Dung of herbivores.
- Saccobolus minimus* Velen. ●→ Dung of herbivores.
- Saccobolus verrucisporus* Brumm. ●→ Dung of herbivores.
- Sarcoscypha austriaca* (O. Beck ex Sacc.) Boud. ●→ Twigs lying in the plant litter.

- Sarcoscypha coccinea* (Jacq.) Sacc. [=*Plectania coccinea* (Scop.) Fuckel, *Sarcoscypha coccinea* (Scop.) Lambotte] ●→ Wood of deciduous trees, twigs.
- Sawadaea bicornis* (Wallr.) Homma ●→ *Acer campestre* L., *Acer negundo* L., *Acer pseudoplatanus* L., *Acer tataricum* L.
- Sawadaea tulasnei* (Fuckel) Homma ●→ *Acer platanoides* L.
- Schizothecium fimicola* Corda ●→ Dung of herbivores.
- Schizothyrium pomi* (Mont. & Fr.) Arx [=*Microthyriella rubi* Petr.] ●→ *Rubus idaeus* L.
- Scirrhia aspidiorum* (Libert) Bubák [=*Metameris aspidiorum* (Lib.) Arx & E. Müll.] ●→ Ferns: *Pteridium aquilinum* (L.) Kuhn.
- Scirrhia rimosa* (Alb. & Schwein.) Fuckel [=*Hadrotrichum phragmitis* Fuckel] ●→ *Phragmites australis* (Cav.) Trin. ex Steud. [=*Phragmites communis* Trin.].
- Sclerophoma pithyophila* → *Sydowia polyspora*
- Sclerotinia dennisii* → *Myriosclerotinia dennisii*
- Sclerotinia pseudotuberosa* → *Ciboria batschiana*
- Sclerotinia tuberosa* → *Dumontinia tuberosa*
- Sclerotinia* sp. ●→ Dead twigs.
- Scolicotrichum graminis* → *Graminopassalora graminis*
- Scutellinia ampullacea* → *Scutellinia olivascens*
- Scutellinia cejpii* → *Scutellinia hirta*
- Scutellinia crinita* (Bull.) Lambotte ●→ Wood of deciduous trees incl.: *Alnus glutinosa* L. (L.) Gaertn., *Carpinus betulus* L. (log).
- Scutellinia decipiens* Le Gal ●→ Log of deciduous tree.
- Scutellinia erinaceus* (Schwein.) Kuntze ●→ *Betula* sp. (wood, log).
- Scutellinia hirta* (Schumach.) Cooke [=*Peziza hirta* Schumach., *Scutellinia cejpii* (Velen.) Svrček] ●→ Substrate not listed.
- Scutellinia kerguelensis* (Berk.) Kuntze ●→ *Carpinus betulus* L. (wood, log).
- Scutellinia nigrohirtula* (Svrček) Le Gal ●→ Wood of deciduous tree.
- Scutellinia olivascens* (Cooke) Kuntze [=*Scutellinia ampullacea* (Limm.) O. Kuntze] ●→ Wood, log.
- Scutellinia pennsylvanica* (Seaver) Dennison ●→ Bark, wood of log.
- Scutellinia pseudoumbrarum* → *Scutellinia umbrarum*

- Scutellinia scutellata* (L.) Lambotte [= *Lachnea scutellata* (L.) Rehm, *Peziza scutellata* L.] ● → Bark and rotten wood (logs, trunks) incl.: *Betula* sp. (log), *Carpinus betulus* L., *Quercus robur* L., *Tilia cordata* Mill.
- Scutellinia setosa* (Fr.) O. Kuntze ● → *Betula* sp. (bark, rotten wood).
- Scutellinia trechispora* (Berk. & Broome) Lambotte ● → Soil.
- Scutellinia umbrorum* (Fr.) Lambotte [= *Peziza umbrata* Fr., *Scutellinia pseudoumbrarum* Moravec] ● → Rotten wood, soil.
- Scutellinia vitreola* Kullman ● → Soil.
- Seimatosporium kriegerianum* (Bres.) Morgan-Jones & Sutton ● → *Epi-lobium montanum* L.
- Sepedonium chrysospermum* → *Hypomyces chrysospermus*
- Septocyta ruborum* (Lib.) Petr. ● → *Rubus idaeus* L.
- Septogloeum fragariae* → *Stagonospora fragariae*
- Septogloeum thomasianum* (Sacc.) Höhn. ● → *Euonymus europaeus* L.
- Septogloeum ulmi* → *Mycosphaerella ulmi*
- Septoria aegopodii* Desm. ex Kickx [= *Septoria podagrariae* Lasch] ● → *Aegopodium podagraria* L.
- Septoria aegopodina* Sacc. ● → *Aegopodium podagraria* L.
- Septoria alni* Sacc. [= *Septoria carisolensis* Kabát & Bubák] ● → *Alnus glutinosa* (L.) Gaertn.
- Septoria alopecuri* (P. Karst.) P. Syd. ● → *Calamagrostis canescens* (Weber) Roth.
- Septoria anemones* Desm. ● → *Anemone nemorosa* L.
- Septoria astragali* Desm. ● → *Astragalus glycyphyllos* L.
- Septoria aucupariae* Bres. ● → *Sorbus aucuparia* L.
- Septoria bidentis* Sacc. ● → *Bidens* sp.
- Septoria bresadoleana* → *Septoria lysimachiae*
- Septoria brissaceana* Sacc. & Letell. ● → *Lythrum salicaria* L.
- Septoria caraganae* Henn. ● → *Caragana arborescens* Lam.
- Septoria cardamines* Fuckel ● → *Cardamine amara* L.
- Septoria caricinella* Sacc. & Roum. ● → *Carex pilosa* Scop.
- Septoria caricis* Pass. ● → *Carex pilosa* Scop.
- Septoria carisolensis* → *Septoria alni*

- Septoria cerastii* Rob. & Desm. ●→ *Cerastium fontanum* subsp. *vulgare* (Hartm.) Greuter & Burdet [= *Cerastium holosteoides* Fr. emend. Hyl.].
- Septoria chelidonii* (Lib.) Desm. ●→ *Chelidonium majus* L.
- Septoria cirsii* Niessl ●→ *Cirsium oleraceum* (L.) Scop.
- Septoria cirsii-heterophylli* Petrak ●→ *Cirsium palustre* (L.) Coss. ex Scop.
- Septoria crataegi* Desm. ●→ *Crataegus laevigata* (Poir.) DC., *Crataegus* sp.
- Septoria cruciatae* Roberge ex Desm. ●→ *Galium aparine* L.
- Septoria diedickei* Sacc. & D. Sacc. ●→ *Lamium galeobdolon* (L.) L. [= *Galeobdolon luteum* Huds., *Lamiastrum galeobdolon* (L.) Ehrend. & Polatschek].
- Septoria dubia* → *Septoria quercicola*
- Septoria dulcamarae* Desm. ●→ *Solanum dulcamara* L.
- Septoria eupatorii* Roberge ex Desm. ●→ *Eupatorium cannabinum* L.
- Septoria ficariae* Desm. ●→ *Ficaria verna* Huds.
- Septoria fraxini* Desm. ●→ *Fraxinus excelsior* L.
- Septoria fulvescens* Sacc. ●→ *Lathyrus pratensis* L.
- Septoria galeopsidis* West. ●→ *Galeopsis bifida* Boenn.
- Septoria gei* Roberge ex Desm. ●→ *Geum rivale* L.
- Septoria geranii* Roberge ex Desm. ●→ *Geranium robertianum* L.
- Septoria hepaticicola* (Duby) Jorst. ●→ *Hepatica nobilis* Mill. [= *Hepatica nobilis* Schreb.].
- Septoria hyperici* → *Sphaerulina hyperici*
- Septoria incondita* Desm. ●→ *Acer platanoides* L.
- Septoria inulicola-britannicae* Teterovn.-Babajan & Savinceva ●→ *Inula britannica* L.
- Septoria laubertiana* Babajan ●→ *Pimpinella saxifraga* L.
- Septoria lychnidis* Desm. ●→ *Silene latifolia* Poir. [= *Melandrium album* (Mill.) Garcke].
- Septoria lycopi* Pass. ●→ *Lycopus europaeus* L.
- Septoria lysimachiae* (Lib.) West. ●→ *Lysimachia thyrsoiflora* L., *Lysimachia vulgaris* L.
- Septoria melampyri* Strasser ●→ *Melampyrum pratense* L.
- Septoria menthae* Oudem. ●→ *Mentha arvensis* L., *Mentha* × *verticillata* L.

- Septoria menyanthis* (Lib.) Desm. ●→ *Menyanthes trifoliata* L.
Septoria oenotherae Westend. ●→ *Oenothera biennis* L.
Septoria orchidacearum Westend. ●→ *Dactylorhiza fuchsii* (Druce) Soó.
Septoria oreoselini Sacc. ●→ *Peucedanum palustre* (L.) Moench.
Septoria pisi Westend. ●→ *Pisum sativum* L.
Septoria podagrariae → *Septoria aegopodii*
Septoria polygonorum Desm. ●→ *Persicaria lapathifolia* (L.) Delarbre [= *Polygonum lapathifolium* L.], *Persicaria minor* (Huds.) Opiz [= *Polygonum minus* Huds.], *Polygonum* sp.
Septoria posoniensis Baeumler ●→ *Chrysosplenium alternifolium* L.
Septoria quercicola (Desm.) Sacc. [= *Septoria dubia* Sacc. & P. Syd.] ●→ *Quercus petraea* (Matt.) Liebl. [= *Quercus sessilis* Ehrh.], *Quercus robur* L.
Septoria roemeriana Moesz ●→ *Daphne mezereum* L.
Septoria rosae Desm. ●→ *Rosa* sp.
Septoria rubi West. ●→ *Rubus caesius* L., *Rubus idaeus* L., *Rubus saxatilis* L., *Rubus* sp.
Septoria scabiosicola Desm. ●→ *Knautia arvensis* (L.) Coult., *Succisa pratensis* Moench, *Succisella inflexa* (Kluk) Beck.
Septoria scutellariae Thuem. ●→ *Scutellaria galericulata* L.
Septoria senecionis West. ●→ *Senecio sylvaticus* L.
Septoria sii Roberge ex Desm. ●→ *Sium latifolium* L.
Septoria stachydis Roberge ex Desm. ●→ *Stachys officinalis* (L.) Trevis. [= *Betonica officinalis* L.], *Stachys palustris* L., *Stachys sylvatica* L.
Septoria stellariae Roberge ex Desm. ●→ *Stellaria holostea* L., *Stellaria media* (L.) Vill., *Stellaria nemorum* L.
Septoria silvicola Desm. ●→ *Anemone nemorosa* L.
Septoria taraxaci Hollós ●→ *Taraxacum officinale* F.H. Wigg.
Septoria tiliae West. ●→ *Tilia cordata* Mill.
Septoria tormentillae Roberge ex Desm. ●→ *Comarum palustre* L. [= *Potentilla palustris* (L.) Scop.], *Potentilla erecta* (L.) Rausch., *Potentilla* sp.
Septoria trientalis (Lasch) Sacc. ●→ *Lysimachia europaea* (L.) U. Manns & Anderb. [= *Trientalis europaea* L.].
Septoria ulmariae Oudem. ●→ *Filipendula ulmaria* (L.) Maxim.

- Septoria urticae* Roberge ex Desm. ●→ *Urtica dioica* L.
- Septoria virgaureae* Desm. ●→ *Solidago virgaurea* L.
- Septoria viscaria* Rostr. ●→ *Silene flos-cuculi* (L.) Greuter & Burdet
[=*Lychnis flos-cuculi* L.].
- Septoria wodziczki* Dominik ●→ *Anemone nemorosa* L.
- Septoria xanthii* Desm. ●→ *Xanthium strumarium* L.
- Septoria* sp. ●→ *Lathyrus vernus* (L.) Bernh.
- Setoseptoria arundinacea* (Sowerby) Kaz. Tanaka & K. Hiray. [= *Massarina arundinacea* (Sowerby) Leuchtm.] ●→ *Phragmites australis* (Cav.) Trin. ex Steud.
- Siemaszkoa fennica* Huldén ●→ Insects (Coleoptera): *Ptenidium intermedium* Wankowicz, *Ptenidium longicorne* Fuss, *Ptenidium myrmicophilum* Motschulsky, *Ptenidium nitidum* Heer, *Ptenidium turgidum* Thomson, *Ptenidium* sp.
- Siemaszkoa flexa* (T. Majewski) I.I. Tav. & T. Majewski ●→ Insects (Coleoptera): *Ptenidium fuscicorne* Erichson, *Ptenidium intermedium* Wankowicz, *Ptenidium myrmicophilum* Motsch, *Ptenidium nitidum* Heer.
- Siemaszkoa ptenidii* (Scheloske) I.I. Tav. & T. Majewski ●→ Insects (Coleoptera): *Ptenidium fuscicorne* Erichson, *Ptenidium myrmicophilum* Motschulsky, *Ptenidium nitidum* Heer.
- Siemaszkoa ramificans* T. Majewski ●→ Insects (Coleoptera): *Ptenidium gressneri* Erichson, *Ptenidium laevigatum* Erichson, *Ptenidium longicorne* Fuss, *Ptenidium turgidum* Thomson.
- Siemaszkoa valida* T. Majewski ●→ Insects (Coleoptera): *Ptenidium nitidum* Heer.
- Sirococcus conigenus* (Pers.) P.F. Cannon & Minter [= *Sirococcus strobilinus* Preuss]. ●→ *Picea abies* (L.) H. Karst. (fallen cones).
- Sirococcus strobilinus* → *Sirococcus conigenus*
- Sordaria fimicola* (Roberge ex Desm.) Ces. & De Not. ●→ Dung of herbivores.
- Spathularia flavida* Pers. ●→ Rotten wood of trunks.
- Speiropsis irregularis* → *Arbusculina irregularis*
- Spermosporina ludwigiana* (Syd.) U. Braun [= *Ramularia ludwigiana* Syd.] ●→ *Impatiens noli-tangere* L.

Spermosporina magnusiana (Sacc.) U. Braun [=*Ramularia magnusiana* (Sacc.) Lindau] ●→ *Lysimachia europaea* (L.) U. Manns & Anderb. [=*Trientalis europaea* L.].

Sphaerellopsis filum (Biv.) B. Sutton [=*Darluca filum* (Biv. Bern.) Cast.] ●→ Hyperparasite of rusts (fungi): *Chrysomyxa abietis* (Wallr.) Ung. on *Picea abies* (L.) H. Karst.; *Puccinia arenariae* on *Moehringia trinervia* (L.) Clairv.; *Puccinia brachypodii* on *Brachypodium sylvaticum* (Huds.) P. Beauv.; *Puccinia caricina* DC. [=*Puccinia ribis-nigri-paniculatae* Kleb., *Puccinia urticae-vesicariae* Kleb.] on *Carex appropinquata* Schumach. [=*Carex paradoxa* Willd.], *Carex pilosa* Scop., *Carex pseudocyperus* L., *Carex vesicaria* L.; *Puccinia coronata* Corda on *Calamagrostis arundinacea* (L.) Roth, *Festuca altissima* All.; *Puccinia gibberosa* Lagerh. on *Festuca altissima* All.; *Puccinia graminis* Pers. [=*Puccinia anthoxanthi* Fuckel] on *Anthoxanthum odoratum* L.; *Puccinia hieracii* (Röhl.) H. Mart. [=*Puccinia taraxaci* (Reb.) Plowr.] on *Taraxacum officinale* F.H. Wigg.; *Puccinia magnusiana* Koern. on *Phragmites australis* (Cav.) Trin. ex Steud. [=*Phragmites communis* Trin.]; *Puccinia milii-effusi* on *Milium effusum* L.; *Puccinia obscura* Schroet. on *Luzula pilosa* (L.) Willd.; *Puccinia poaenemoralis* on *Poa palustris* L.; *Puccinia punctata* Link on *Galium palustre* L.; *Puccinia pygmaea* Erikss. on *Calamagrostis canescens* (Weber) Roth; *Puccinia sessilis* Schneid. on *Phalaris arundinacea* L.; *Uromyces airae-flexuosae* on *Deschampsia flexuosa* (L.) Trin.

Sphaerognomonia carpinea → ***Apiosporopsis carpinea***

Sphaeropsis sapinea (Fr.) Dyko & B. Sutton ●→ *Picea abies* (L.) H. Karst., *Pinus sylvestris* L.

Sphaeropsis sumachi → ***Fusicoccum advenum***

Sphaeropsis visci (Fr.) Sacc. ●→ *Viscum album* L. (leaves, twigs).

Sphaerospora brunnea → ***Sphaerosporella brunnea***

Sphaerosporella brunnea (Alb. & Schwein.) Svrček & Kubička [=*Sphaerospora brunnea* (Alb. & Schwein.) Masee] ●→ Substrate not listed.

Sphaerotheca alchemillae (on *Alchemilla*) → ***Podosphaera aphanis*** var. ***aphanis***

Sphaerotheca alchemillae (on *Filipendula ulmariae*) → ***Podosphaera filipendulae***

- Sphaerotheca aphanis* (on *Filipendula ulmariae*) → ***Podosphaera filipendulae***
- Sphaerotheca balsaminae* → ***Podosphaera balsaminae***
- Sphaerotheca castagnei* (on *Alchemilla*) → ***Podosphaera aphanis*** var. ***aphanis***
- Sphaerotheca castagnei* (on *Humulus*) → ***Podosphaera macularis***
- Sphaerotheca epilobii* → ***Podosphaera epilobii***
- Sphaerotheca erigerontis-canadensis* → ***Podosphaera erigerontis-canadensis***
- Sphaerotheca fugax* → ***Podosphaera fugax***
- Sphaerotheca fuliginea* → ***Podosphaera fuliginea***
- Sphaerotheca fuliginea* (on *Bidens*) → ***Podosphaera xanthii***
- Sphaerotheca fusca* (on *Crepis paludosa*) → ***Podosphaera erigerontis-canadensis***
- Sphaerotheca fusca* (on *Odontites serotina*) → ***Podosphaera phtheiospermi***
- Sphaerotheca macularis* → ***Podosphaera macularis***
- Sphaerotheca melampyri* → ***Podosphaera phtheiospermi***
- Sphaerotheca phtheiospermi* → ***Podosphaera phtheiospermi***
- Sphaerotheca xanthii* (on *Senecio*) → ***Podosphaera senecionis***
- Sphaerotheca xanthii* (on *Bidens*) → ***Podosphaera xanthii***
- Sphaerulina frondicola*** (Fr.) Verkley, Quaedvl. & Crous [= *Asteroma frondicola* (Fr.) M. Morelet] ● → *Populus tremula* L.
- Sphaerulina hyperici*** (Roberge ex Desm.) Verkley, Quaedvl. & Crous [*Septoria hyperici* Roberge ex Desm.] ● → *Inula britannica* L.
- Spilocaea fraxini* → ***Venturia fraxini***
- Splachnonema argus*** (Berk. & Broome) Kuntze [= *Massaria argus* (Berk. & Br.) Fr., *Myxocyclus polycystis* (Berk. & Broome) Sacc.] ● → Wood, fallen twigs: *Betula pendula* Roth [= *Betula verrucosa* Ehrh.], *Betula pubescens* Ehrh.
- Splachnonema foedans*** (Fr.) Kuntze [= *Massaria foedans* (Fr.) Fuckel] ● → *Ulmus glabra* Huds. [= *Ulmus scabra* Mill.] (dead twigs).
- Splachnonema pupula*** (Fr.) O. Kuntze ● → *Acer platanoides* L.

- Sporidesmiella hyalosperma* (Corda) P.M. Kirk [=*Endophragma hyalosperma* (Corda) Morgan-Jones & A.L.J. Cole] ●→ Dung of herbivores, plant debris, water.
- Sporidesmium filisporum* → *Repetophragma filisporum*
- Sporonema punctiforme* (Fuckel) Hoehn. ●→ *Galium odoratum* (L.) Scop.
- Sporormia minima* → *Sporormiella minima*
- Sporormia pulchella* → *Sporormiella pulchella*
- Sporormiella minima* (Auersw.) S.I. Ahmed & Cain [=*Sporormia minima* Auersw.] ●→ Dung of herbivores.
- Sporormiella pulchella* (E.C. Hansen) S.I. Ahmed & Cain [=*Sporormia pulchella* E.C. Hansen] ●→ *Corylus avellana* L. (twigs).
- Stagonospora bellunensis* (Speg.) Joerst. ●→ *Molinia caerulea* (L.) Moench.
- Stagonospora caricinella* Brunaud ●→ *Juncus effusus* L. (dead stems).
- Stagonospora caricis* (Oudem.) Sacc. ●→ *Carex pilosa* Scop., *Carex remota* L.
- Stagonospora fragariae* Briard & Har. [=*Septogloeum fragariae* (Briard & Har.) Höhn.] ●→ *Fragaria vesca* L.
- Stagonospora hygrophila* Sacc. ●→ *Oxalis acetosella* L.
- Stagonospora nodorum* (Berk.) Castellani & Germano ●→ *Dactylis glomerata* L.
- Stagonospora* sp. ●→ *Stellaria holostea* L.
- Stenella lythri* (West.) Mulder ●→ *Lythrum salicaria* L.
- Stenella subsanguinea* → *Zasmidium subsanguineum*
- Stichomyces conosomatis* Thaxt. ●→ Insects (Coleoptera): *Sepedophilus immaculatus* Stephens.
- Stigmatea confertissima* → *Venturia geranii*
- Stigmatea robertiani* → *Coleroa robertiani*
- Stigmatomyces biformis* T. Majewski ●→ Insects (Diptera): *Halidayina spinipennis* Haliday.
- Stigmatomyces chthonicus* Huldén ●→ Insects (Diptera): *Apteromyia claviventris* Strobl.
- Stigmatomyces hackmanii* Huldén ●→ Insects (Diptera): *Opalimosina czernyi* Duda, *Spelobia clunipes* Meigen.

- Stigmatomyces hydreliae* Thaxt. ●→ Insects (Diptera): *Hydrellia albilabris* Meigen, *Hydrellia griseola* Fallén.
- Stigmatomyces limosinae* Thaxt. ●→ Insects (Diptera): *Rachispoda lutosa* Stenhammar, *Rachispoda* sp.
- Stigmatomyces micrandrus* Thaxt. ●→ Insects (Diptera): *Psilopa marginella* Fallén.
- Stigmatomyces minilimosinae* T. Majewski ●→ Insects (Diptera): *Minilimosina parvula* Stenhammar.
- Stigmatomyces purpureus* Thaxt. ●→ Insects (Diptera): *Scatella tenuicosta* Collin.
- Stigmatomyces subterraneus* Huldén ●→ Insects (Diptera): *Limosina* sp.
- Stigmatomyces trianguliapicalis* T. Majewski ●→ Insects (Diptera): *Parydra fossarum* Haliday.
- Stigmatomyces* sp. ●→ Insects (Diptera): *Hydrellia albilabris* Meigen.
- Stilbospora angustata* → *Truncatella angustata*
- Stilbospora macrosperma* Pers. ●→ *Carpinus betulus* L. (fallen branches).
- Sydowia polyspora* (Bref. & Tavel) E. Müll. [= *Sclerophoma pithyophila* (Corda) Höhn.] ●→ *Picea abies* (L.) H. Karst.
- Sydowiella depressula* (P. Karst.) M.E. Barr ●→ *Rubus idaeus* L.
- Symplectomyces vulgaris* (Thaxt.) Thaxt. ●→ Insects (Coleoptera): *Quedius limbatus* Heer, *Quedius mesomelinus* Marsham, *Quedius nitipennis* Stephens.
- Synandromyces telephani* Thaxt. ●→ Insects (Coleoptera): *Psammoecus bipunctatus* Fabricius.
- Taeniolella scripta* (P. Karst.) S. Hughes ●→ *Carpinus betulus* L. (rotted wood), *Salix* sp.
- Taeniolina deightonii* J.L. Crane & Schokn. ●→ Fragments of plants immersed in water.
- Tapesia cruenta* Henn. & Plöttner. ●→ Wood.
- Tapesia fusca* (Pers.) Fuckel ●→ *Alnus glutinosa* (L.) Gaertn. (bark, wood).
- Tapesia hydrophila* → *Mollisia hydrophila*
- Tapesia knieffii* (Wallr.) J. Kunze [= *Tapesia retincola* (Rab.) P. Karst.] ●→ *Phragmites australis* (Cav.) Trin. ex Steud. (overwintered stems).
- Tapesia lividofusca* (Fr.) Rehm ●→ *Alnus glutinosa* (L.) Gaertn. (twigs).

- Tapesia minutissima* Fuckel ●→ Wood of log.
- Tapesia retincola* → *Tapesia knieffii*
- Taphrina betulae* (Fuckel) Johanson ●→ *Betula pendula* Roth.
- Taphrina betulina* Rostr. ●→ *Betula pubescens* Ehr.
- Taphrina filicina* Rostr. ●→ Ferns: *Dryopteris carthusiana* (Vill.) H.P. Fuchs.
- Taphrina padi* (Jaczewski) Mix ●→ *Prunus padus* L. [= *Padus avium* Mill.]
- Taphrina tosquinetii* (Westend.) Magnus ●→ *Alnus glutinosa* (L.) Gaertn.
- Tarzetta cupularis* (L.) Svrček [= *Geopyxis cupularis* (L.) Sacc.] ●→ Dead twigs.
- Tavaresiella hebri* T. Majewski ●→ Insects (Heteroptera): *Hebrus ruficeps* Thomson.
- Teratomyces actobii* Thaxt. ●→ Insects (Coleoptera): *Erichsonius cinerascens* Gravenhorst.
- Teratomyces brevicaulis* Thaxt. ●→ Insects (Coleoptera): *Erichsonius cinerascens* Gravenhorst.
- Tetracladium marchalianum* De Wild. ●→ Water, fragments of plants immersed in water.
- Tetracladium setigerum* (Grove) Ingold ●→ Water.
- Tetracladium maxiliformis* → *Titaea maxilliformis*
- Thecotheus crustaceus* (Starbäck) Aas & N. Lundq. ●→ Dung of herbivores.
- Thecotheus pelletieri* (P. Crouan & H. Crouan) Boud. ●→ Dung of herbivores.
- Thelebolus microsporus* (Berk. & Broome) Kimbr. ●→ Dung of herbivores.
- Thelebolus polysporus* (P. Karst.) Otani & Kanzawa [= *Ryparobius polysporus* (P. Karst.) Sacc.] ●→ Dung of herbivores.
- Thelebolus stercoreus* Tode ●→ Dung of herbivores.
- Therrya fuckelii* (Rehm) Kujala ●→ *Pinus sylvestris* L. (twigs, branches).
- Therrya pini* → *Therrya fuckelii*
- Thyridium vestitum* (Fr.) Fuckel ●→ Bark: *Betula pendula* Roth, *Quercus robur* L.

- Thyronectria aquifolii* (Fr.) Jaklitsch & Voglmayr [= *Nectria inaurata* Berk. & Broome var. *subtersa* (Sacc.) Sacc.], *Acer platanoides* L. (dead twigs).
- Thyronectria cucurbitula* (Tode) Jaklitsch & Voglmayr [= *Zythiostroma pinastri* (P. Karst.) Höhn.] ●→ *Pinus sylvestris* L. (fallen twigs and needles).
- Thyrsidium botryosporum* → *Cheirospora botryospora*
- Thysanophora penicillioides* → *Penicillium glaucoalbidum*
- Titaea maxilliformis* Rostr. [= *Tetracladium maxilliformis* (Rostr.) Ingold] ●→ Water.
- Titaeospora detospora* (Sacc.) Bubák ●→ Horsetails: *Equisetum arvense* L.
- Titaeosporina tremulae* (Lib.) Luijk [= *Gloeosporium tremulae* (Lib.) Pass.] ●→ *Populus tremula* L.
- Tolypocladium ophioglossoides* (J.F. Gmel.) C.A. Quandt, Kepler & Spatafora [= *Cordyceps ophioglossoides* (Ehrhart) Link, *Elaphocordyceps ophioglossoides* (J.F. Gmel.) G.H. Sung, J.M. Sung & Spatafora] ●→ Fungi (fruit body): *Elaphomyces asperulus* Vittad., *Elaphomyces* sp.
- Tolypocladium rouxii* (Cand.) C.A. Quandt, Kepler & Spatafora [= *Cordyceps rouxii* Cand.] ●→ Fungi (fruit body): *Elaphomyces* sp.
- Topospora uberiformis* (Kunze) Fr. ●→ *Ribes nigrum* L.
- Torula herbarum* (Pers.) Link ●→ *Tilia cordata* Mill.
- Trematosphaeria pertusa* Fuckel ●→ Decorticated branches of trees incl.: *Carpinus betulus* L., *Corylus avellana* L., *Populus tremula* L., *Tilia cordata* Mill.
- Trenomycetes histophorus* Chatton & F. Picard ●→ Insects (Mallophaga): *Menopn gallinae* Linnaeus (on hens *Gallus gallus domesticus* L.).
- Tricellula aquatica* J. Webster ●→ Plant debris.
- Triceromyces balazucii* T. Majewski ●→ Insects (Heteroptera): *Hebrus ruficeps* Thomson.
- Trichobolus sphaerosporus* Kimbr. ●→ Dung of herbivores.
- Trichobolus zukaii* (Heimerl) Kimbr. ●→ Dung of herbivores.
- Trichocladia astragali* → *Erysiphe astragali*
- Trichocladia euonymi* → *Erysiphe euonymi*

- Trichodelitschia bisporula* (P. Crouan & H. Crouan) Munk ex N. Lundq.
[=*Podospora minuta* (Fuckel) Niessl, *Trichodelitschia minuta* (Fuckel)
N. Lundq.] ●→ Dung of herbivores.
- Trichodelitschia minuta* → *Trichodelitschia bisporula*
- Trichoderma citrinum* (Pers.) Jaklitsch, W. Gams & Voglmayr [= *Hypocrea citrina* (Pers.) Fr.] ●→ Rotten twigs.
- Trichoderma protopulvinatum* (Yoshim. Doi) Jaklitsch & Voglmayr
[=*Hypocrea protopulvinata* Yoshim. Doi] ●→ Fungi (old fruit body):
Fomitopsis pinicola (Sw.) P. Karst.
- Trichoderma pulvinatum* (Fuckel) Jaklitsch & Voglmayr [= *Hypocrea pulvinata* Fuckel] ●→ Substrate not listed.
- Trichoderma strictipile* Bissett [= *Hypocrea strictipilosa* P. Chaverri & Samuels] ●→ Wood of deciduous tree.
- Trichoderma sulphureum* (Schwein.) Jaklitsch & Voglmayr [= *Hypocrea sulphurea* (Schwein.) Sacc.] ●→ *Populus tremula* L. (branches, trunk),
fungi: *Exidia plana* sensu auct. (on fallen branch of *Corylus avellana* L.,
on log of *Carpinus betulus* L.).
- Trichoderma viride* Pers. [= *Hypocrea rufa* (Pers.) Fr.] ●→ Plant litter.
- Trichoglossum hirsutum* (Pers.) Boud. ●→ Soil (among grass).
- Trichoglossum walteri* (Berk.) E.J. Durand ●→ Soil.
- Trichophaea gregaria* (Rehm) Boud. ●→ Soil.
- Trichophaea hemisphaerioides* (Mouton) Graddon ●→ Soil.
- Trichophaea woolhopeia* (Cooke & W. Phillips) Boud. ●→ Soil.
- Trichosphaeria pilosa* (Pers.) Fuckel ●→ *Quercus robur* L. (wood).
- Tricladium biappendiculatum* → *Gyoerffyyella biappendiculata*
- Tricladium marylandicum* J.L. Crane ●→ Plant debris.
- Tricladium splendens* Ingold ●→ Water.
- Trimmatostroma betulinum* (Corda) S. Hughes ●→ *Betula pendula* Roth.
- Trinacrium subtile* Riess ●→ Plant debris, water.
- Tripospermum acerinum* (P. Syd.) P. Syd. ●→ Water.
- Tripospermum camelopardus* Ingold ●→ Water.
- Tripospermum myrti* (Lind) S. Hughes ●→ Water.
- Triscelophorus monosporus* Ingold ●→ Water.

- Truncatella angustata* (Pers.) S. Hughes [= *Stilbospora angustata* Pers.]
 ●→ *Carpinus betulus* L. (twigs), *Picea abies* (L.) H. Karst. (fallen
 cones).
- Trybliodycnis pinastri* Höhn. ●→ *Picea abies* (L.) H. Karst.
- ?*Tuber aestivum* Vittad (reported as *Tuber cibarium* Bull.) ●→ Soil.
- Tuber maculatum* Vittad. ●→ Soil.
- Tuber puberulum* Berk. & Broome ●→ Soil.
- Tubercularia vulgaris* → *Nectria cinnabarina*
- Tubeufia cerea* (Berk. & M.A. Curtis) Höhn. ●→ *Betula* sp. (periderm),
 fungi (old stromata) incl.: *Coryneum lanciforme* (Fr.) Voglmayr &
 Jaklitsch [= *Pseudovalsa lanciformis* (Fr.) Ces. & De Not.], *Diatrypella*
verruciformis (Ehrh.) Nitschke.
- Tumularia aquatica* (Ingold) Descals & Marvanová [= *Dactylella aquatica*
 (Ingold) Ranzoni] ●→ Water.
- Ulocladium atrum* → *Alternaria atra*
- Uncinula adunca* → *Erysiphe adunca*
- Uncinula salicis* → *Erysiphe adunca*
- Unguicularia millepunctata* → *Hyalopeziza millepunctata*
- Urnulla craterium* (Schwein.) Fr. [= *Geopyxis craterium* (Schwein.) Rehm]
 ●→ Soil.
- Urnulla melastoma* → *Plectania melastoma*
- Ustulina deusta* → *Kretzschmaria deusta*
- Utrecthiana arundinacea* (Corda) Crous, Quaedvl. & Y. Marín [= *Deigh-*
toniella arundinacea (Corda) S. Hughes, *Napicladium arundina-*
ceum (Corda) Sacc.] ●→ *Phragmites australis* (Cav.) Trin. ex Steud.
 [= *Phragmites communis* Trin.].
- Valdensia heterodoxa* Peyronel ●→ Leaves of shrubs, trees and herba-
 ceous plants incl.: *Convallaria majalis* L., *Lysimachia europaea* (L.)
 U. Manns & Anderb., *Oxalis acetosella* L., *Polygonatum multiflorum*
 (L.) All., *Scorzonera humilis* L., *Sorbus aucuparia* L., *Vaccinium*
myrtillus L., *Vaccinium vitis-idaea* L.
- Valsa abietis* (Fr.) Fr. [= *Cytospora abietis* Sacc.] ●→ *Picea abies* (L.) H.
 Karst. [= *Picea excelsa* (Lam.) Link] (wood, bark, dead branches).
- Valsa acharii* → *Eutypa maura*
- Valsa ambiens* → *Cytospora populina*

- Valsa cypri* (Tul.) Tul. & C. Tul. [=Cytospora pruinoso (Fr.) Sacc.] ●→
Fraxinus excelsior L.
- Valsa nivea* (Hoffm.) Fr. [=Cytospora nivea (Hoffm.) Sacc., *Leucostoma
niveum* (Hoffm.) Höhn.] ●→ *Populus tremula* L. (bark of logs, twigs).
- Valsa pini* (Alb. & Schwein.) Fr. ●→ *Pinus sylvestris* L. (bark).
- Valsa sordida* Nitschke ●→ *Salix aurita* L.
- Valsaria foedans* → *Pseudovalsaria ferruginea*
- Valsaria insitiva* (Tode) Ces. & De Not. ●→ *Tilia cordata* Mill. (dead
twigs).
- Valsaria niesslii* → *Pseudovalsaria ferruginea*
- Valsella clypeata* Fuckel [=Cytospora clypeata Sacc.] ●→ *Rubus idaeus* L.
- Venturia ditricha* (Fr.) P. Karst. ●→ *Betula pendula* Roth.
- Venturia fraxini* Aderh. [=Spilocaea fraxini (Aderh.) Sivan.] ●→ *Fraxi-
nus excelsior* L.
- Venturia geranii* (Fr.) G. Winter [=Stigmatea confertissima Fuckel] ●→
Geranium sylvaticum L.
- Venturia maculiformis* (Desm.) Winter ●→ *Epilobium montanum* L.
- Venturia palustris* Sacc., E. Bommer & M. Rousseau ●→ *Comarum
palustre* L. [=Potentilla palustris (L.) Scop.].
- Venturia radiosa* (Lib.) Ferd. & C.A. Jørg. [=Fusicladium radiosum
(Lib.) Lind, *Pollaccia radiosa* (Lib.) E. Bald. & Cif.] ●→ *Populus
tremula* L.
- Vermicularia dematium* → *Colletotrichum dematium*
- Verpa bohémica* (Krombh.) J. Schröt. [=Ptychoverpa bohémica (Krombh.)
Boud.] ●→ Soil.
- Verpa conica* (O.F. Müll.) Sw. ●→ Substrate not listed.
- Vibrissea vibrisseoides* (Peck) Kjøller [=Apostemidium vibrisseoides
(Peck) Boud.] ●→ Wood of deciduous trees.
- Winterella suffusa* → *Cryptosporella suffusa*
- Wuestneia xanthostroma* → *Melanconis chrysostroma*
- Xylaria corniformis* (Fr.) Fr. ●→ Bark, wood: *Alnus glutinosa* (L.) Gaertn.,
Carpinus betulus L.
- Xylaria digitata* (L.) Grev. ●→ Substrate not listed.
- Xylaria hypoxylon* (L.) Grev. ●→ Bark, rotten wood: *Acer platanoides* L.,
Alnus glutinosa (L.) Gaertn., *Carpinus betulus* L., *Quercus robur* L.

- Xylaria longipes* Nitschke ●→ Bark, wood: *Acer platanoides* L., *Alnus glutinosa* (L.) Gaertn., *Carpinus betulus* L.
- Xylaria polonica* Błoński ●→ Insects (Coleoptera): *Carabus hortensis* Linnaeus.
- Xylaria polymorpha* (Pers.) Grev. [= *Xylosphaera polymorpha* (Pers.) Dumort.] ●→ Bark, rotten wood: *Betula* sp., *Carpinus betulus* L., *Quercus robur* L.
- Xylomyces aquaticus* (Dudka) K.D. Hyde & Goh ●→ Plant debris.
- Xylosphaera polymorpha* → *Xylaria polymorpha*
- Zasmidium subsanguineum* (Ellis & Everh.) U. Braun [= *Ramularia subsanguinea* (Ellis & Everh.) Karak., *Stenella subsanguinea* (Ell. & Ev.) U. Braun] ●→ *Maianthemum bifolium* (L.) F.W. Schmidt.
- Zignoella fallax* (Sacc.) Sacc. ●→ Dead wood, twigs: *Betula pubescens* Ehrh., *Carpinus betulus* L., *Quercus robur* L.
- Zignoella pulviscula* → *Menispora caesia*
- Zodiomyces vorticellarius* Thaxt. ●→ Insects (Coleoptera): *Helochaeres obscurus* O.F. Müller.
- Zythia fragariae* Laibach ●→ *Geum rivale* L.
- Zythiostroma pinastris* → *Thyronectria cucurbitula*

BASIDIOMYCOTA

- Aecidium euphorbiae* → *Uromyces pisi-sativi*
- Aecidium ranunculacearum* → *Uromyces dactylidis*
- Anthracoidea echinospora* (Lethola) Kukkonen ●→ *Carex elata* All. [= *Carex hudsonii* A. Benn.].
- Anthracoidea leioderma* (Lagerh.) Kochman & T. Majewski ●→ *Carex brizoides* L.
- Anthracoidea subinclusa* (Körn.) Bref. ●→ *Carex riparia* Curtis, *Carex vesicaria* L.
- Caecoma allii-ursini* Winter ●→ *Allium ursinum* L.
- Caecoma laricis* (Westend.) R. Hartig ●→ *Larix decidua* var. *polonica* (Racib. ex Wóycicki) Ostenf. & Syrach [= *Larix decidua* Mill. subsp. *polonica* (Racib.) Domin].

- Chrysomyxa abietis* (Wallr.) Unger ●→ *Picea abies* (L.) H. Karst.
- Chrysomyxa ledi* (Alb. & Schw.) de Bary ●→ *Ledum palustre* L., *Picea abies* (L.) H. Karst. [= *Picea abies* (L.) H. Karst. subsp. *abies*, *Picea excelsa* (Lam.) Link].
- Chrysomyxa pyrolae* Rostr. [= *Chrysomyxa pyrolata* Wint., *Chrysomyxa ramischiae* Lagerheim.] ●→ *Orthilia secunda* (L.) House [= *Ramischia secunda* (L.) Garecke], *Picea abies* (L.) H. Karst., *Pyrola minor* L.
- Chrysomyxa pyrolata* → ***Chrysomyxa pyrolae***
- Chrysomyxa ramischiae* → ***Chrysomyxa pyrolae***
- Coleosporium campanulae* → ***Coleosporium tussilaginis***
- Coleosporium euphrasiae* → ***Coleosporium tussilaginis***
- Coleosporium melampyri* → ***Coleosporium tussilaginis***
- Coleosporium petasitis* → ***Coleosporium tussilaginis***
- Coleosporium pulsatillae* → ***Coleosporium tussilaginis***
- Coleosporium senecionis* → ***Coleosporium tussilaginis***
- Coleosporium sonchi* → ***Coleosporium tussilaginis***
- Coleosporium tussilaginis*** (Pers.) Lév. [= *Coleosporium campanulae* (Pers.) Lév., *Coleosporium euphrasiae* (Schum.) Wint., *Coleosporium melampyri* Tul., *Coleosporium petasitis* (DC.) de Bary, *Coleosporium pulsatillae* (F. Strauss) Fr., *Coleosporium senecionis* (Pers.) Fr., *Coleosporium sonchi* (Schum.) Lév.] ●→ *Campanula cervicaria* L., *Campanula latifolia* L., *Campanula patula* L., *Campanula rapunculoides* L., *Campanula rotundifolia* L., *Campanula trachelium* L., *Euphrasia stricta* D. Wolff, *Melampyrum nemorosum* L., *Melampyrum polonicum* Soó, *Odontites vulgaris* Moench [= *Odontites rubra* Gilib., *Odontites serotina* (Lam.) Dumort.], *Petasites hybridus* (L.) P. Gaertn., B. Mey. & Scherb., *Phyteuma spicatum* L., *Pinus sylvestris* L., *Pulsatilla patens* (L.) Mill. subsp. *patens*, *Rhinanthus minor* L., *Senecio sylvaticus* L., *Sonchus arvensis* L., *Tussilago farfara* L.
- Coleosporium*** sp. ●→ *Pinus sylvestris* L.
- Cronartium asclepiadeum* → ***Cronartium pini***
- Cronartium flacidum* → ***Cronartium pini***
- Cronartium pini*** (Willd.) Jørst. [= *Cronartium asclepiadeum* (Willd.) Fr., *Cronartium flacidum* (Alb. & Schwein.) G. Winter] ●→ *Pinus sylvestris* L., *Vincetoxicum hirundinaria* Medik.

Cronartium ribicola J.C. Fisch. [=*Cronartium ribicola* A. Dietr., *Peridermium strobi* Kleb.] ●→ *Pinus strobus* L., *Ribes nigrum* L., *Ribes spicatum* Robson, *Ribes* sp.

Cutaneotrichosporon cutaneum (Beurm., Gougerot & Vaucher bis) Xin Zhan Liu, F.Y. Bai, M. Groenew. & Boekhout [=*Trichosporon cutaneum* (Beurm., Gougerot & Vaucher bis) M. Ota] ●→ Plant debris, water.

Doassansia hottoniae → ***Heterodoassansia hottoniae***

Doassansia sagittariae (Fuckel) J.C. Fisch. ●→ *Sagittaria sagittifolia* L.

Entyloma chrysosplenii J. Schröt. ●→ *Chrysosplenium alternifolium* L.

Entyloma compositarum Farl. ●→ *Gaillardia aristata* Pursh.

Entyloma corydalis de Bary ●→ *Corydalis cava* (L.) Schweigg. & Körte.

Entyloma erigerontis H. & P. Syd. ex Cif. ●→ *Erigeron acris* L. [=*Erigeron acer* L.].

Entyloma fergussonii (Berk. & Broome) Plowr. ●→ *Myosotis arvensis* (L.) Hill, *Myosotis scorpioides* L. [=*Myosotis palustris* (L.) Nathh.].

Entyloma ficariae A.A. Fisch. Waldh. ●→ *Ficaria verna* Huds. [=*Ranunculus ficaria* L.], *Ranunculus auricomus* L., *Ranunculus cassubicus* L., *Ranunculus sardous* Crantz.

Entyloma flavum → ***Entyloma helosciadii***

Entyloma helosciadii P. Magnus [=*Entyloma flavum* Cif.] ●→ *Sium latifolium* L.

Entyloma hieracii H. & P. Sydow [=*Entyloma picridis* auct. p.p.] ●→ *Hieracium lachenalii* subsp. *cruentifolium* (Dahlst. & Lübeck) Zahn [=*Hieracium lachenalii* C.C. Gmel.], *Hieracium murorum* L., ?*Pilosella onegensis* Norrl. [=*Hieracium polonicum* Błocki].

Entyloma linariae J. Schröt. ●→ *Linaria vulgaris* Mill.

Entyloma microsporium (Unger) J. Schröt. ●→ *Ranunculus repens* L.

Entyloma picridis → ***Entyloma hieracii***

Entyloma ranunculi-repentis Sternon ●→ *Ranunculus auricomus* L., *Ranunculus cassubicus* L., *Ranunculus repens* L., *Ranunculus sardous* Crantz.

Entyloma verruculosum Pass. ●→ *Ranunculus lanuginosus* L.

Exobasidium arescens Nannf. ●→ *Vaccinium myrtillus* L.

Exobasidium julianum Nannf. ●→ *Vaccinium vitis-idaea* L.

- Exobasidium karstenii* Sacc. & Trotter ●→ *Andromeda polifolia* L.
Exobasidium pachysporum Nannf. ●→ *Vaccinium uliginosum* L.
Exobasidium rostrupii Nannf. ●→ *Vaccinium oxycoccos* L. [=*Oxycoccus palustris* Pers.].
Exobasidium vaccinii (Fuckel) Woronin ●→ *Vaccinium vitis-idaea* L.
Exobasidium vaccinii-uliginosi Boud. ●→ *Vaccinium uliginosum* L.
Helicobasidium purpureum (Tul.) Pat. [=*Tuberculina persicina*] ●→
 Hyperparasite of rusts (fungi): *Gymnosporangium cornutum* Arth. ex Ken. [=*Gymnosporangium juniperinum* (L.) Fr.] on *Sorbus aucuparia* L.; *Puccinia caricina* DC. [=*Puccinia ribesii-caricis* Kleb., *Puccinia urticae-caricis* Kleb.] on *Ribes nigrum* L.; *Puccinia coronata* Corda on *Frangula alnus* Mill.; *Puccinia dioicae* Magn. on *Cirsium oleraceum* (L.) Scop., *Cirsium rivulare* (Jacq.) All.; *Puccinia magnusiana* Koern. on *Ranunculus lingua* L., *Ranunculus repens* L.; *Puccinia senecionis-acutiformis* Hasler, Mayor & Cruchet on *Senecio paludosus* L.; *Puccinia sessilis* Schneid. on *Maianthemum bifolium* (L.) F.W. Schmidt, *Polygonatum multiflorum* (L.) All.; *Tranzschelia pruni-spinosae* (Pers.) Diet. on *Anemone ranunculoides* L.
Heterodoassansia hottoniae (Rostr.) Vánky [=*Doassansia hottoniae* (Rostr.) De Toni] ●→ *Hottonia palustris* L.
Gymnosporangium cornutum Arth. ex Ken. [=*Gymnosporangium juniperi* Link, *Gymnosporangium juniperinum* (L.) Fr.] ●→ *Sorbus aucuparia* L.
Gymnosporangium juniperi → ***Gymnosporangium cornutum***
Gymnosporangium juniperinum → ***Gymnosporangium cornutum***
Gymnosporangium sabiniae Winter ●→ *Pyrus communis* L.
Hyalopsora aspidiotus (Peck) Magn. [=*Hyalopsora polypodii-dryopteridis* (DC.) Sacc.] ●→ Ferns: *Gymnocarpium dryopteris* (L.) Newman [=*Phegopteris dryopteris* (L.) Fée].
Hyalopsora polypodii-dryopteridis → ***Hyalopsora aspidiotus***
Macalpinomyces neglectus (Niessl) Vánky ●→ *Setaria pumila* (Poir.) Roem. & Schult.
Melampsora allii-fragilis Kleb. ●→ *Salix ×fragilis* L.
Melampsora caprearum Thüm. [=*Melampsora laricis-caprearum* Kleb.] ●→ *Salix caprea* L.

- Melampsora epitea** Thüm. [=*Melampsora repentis* Plowr., *Melampsora salicina* Lévl.] ●→ *Salix aurita* L., *Salix caprea* L. ×*aurita* L., *Salix cinerea* L., *Salix cinerea* L. ×*viminalis* L., *Salix lapponum* L., *Salix repens* L. subsp. *repens*, *Salix rosmarinifolia* L.
- Melampsora euonymi-caprearum** Kleb. ●→ *Euonymus europaeus* L.
- Melampsora farinosa** (Pers.) J. Schröt. ●→ *Salix caprea* L. ×*aurita* L., *Salix cinerea* L.
- Melampsora hypericorum** Wint. ●→ *Hypericum maculatum* Crantz, *Hypericum perforatum* L.
- Melampsora laricis-caprearum* → **Melampsora caprearum**
- Melampsora laricis-pentandrae** Kleb. ●→ *Salix pentandra* L.
- Melampsora lini** (Ehrenb.) Thüm. ●→ *Salix caprea* L.
- Melampsora magnusiana** Wagn. ●→ *Chelidonium majus* L., *Corydalis cava* (L.) Schweigg. & Körte, *Corydalis solida* (L.) Clairv., *Populus tremula* L.
- Melampsora pinitorqua** Rostr. ●→ Without host plant name.
- Melampsora populnea** (Pers.) P. Karst. [=*Melampsora tremulae* Tul., *Melampsora rostrupii* G.H. Wagn.] ●→ *Corydalis cava* (L.) Schweigg. & Körte, *Corydalis solida* (L.) Clairv., *Mercurialis perennis* L., *Populus tremula* L.
- Melampsora repentis* → **Melampsora epitea**
- Melampsora rostrupii* → **Melampsora populnea**
- Melampsora salicina* → **Melampsora epitea**
- Melampsora symphyti* → **Pucciniastrum symphyti**
- Melampsora tremulae* → **Melampsora populnea**
- Melampsora vacciniarum* → **Naohidemycetes vaccinii**
- Melamporella caryophyllacearum** (DC.) J. Schröt. ●→ *Stellaria aquatica* (L.) Scop. [=*Myosoton aquaticum* (L.) Moench], *Stellaria holostea* L., *Stellaria media* (L.) Vill., *Stellaria nemorum* L., *Stellaria palustris* Ehrh. ex Retz., *Stellaria uliginosa* Murray [=*Stellaria alsine* Grimm].
- Melampsoridium betulinum** (Pers.) Kleb. ●→ *Betula humilis* Schrank, *Betula pendula* Roth [=*Betula verrucosa* Ehrh.], *Betula pubescens* Ehrh.
- Microbotryum dianthorum** (Liro) H. Scholz & I. Scholz [=*Ustilago violacea* (Pers.) Fuckel] ●→ *Dianthus deltoides* L.

- Microbotryum lychnidis-dioicae*** (DC.) G. Deml & Oberw. [=*Ustilago lychnidis-dioicae* (DC.) Liro, *Ustilago violacea* (Pers.) Fuckel] ●→ *Silene latifolia* Poir. [=*Melandrium album* (Mill.) Garcke].
- Microbotryum saponariae*** M. Lutz, Göker, Piątek, Kemler, Begerow & Oberw. [=*Ustilago violacea* (Pers.) Fuckel] ●→ *Saponaria officinalis* L.
- Microbotryum stellariae*** (Sowerby) G. Deml & Oberw. [=*Ustilago violacea* (Pers.) Fuckel] ●→ *Stellaria aquatica* (L.) Scop. [=*Myosoton aquaticum* (L.) Moench], *Stellaria graminea* L.
- Microbotryum tragopogonis-pratensis*** (Pers.) R. Bauer & Oberw. [=*Ustilago tragopogonis-pratensis* (Pers.) Roussel] ●→ *Tragopogon pratensis* L.
- Moniliopsis foliicola*** (Woron.) Siemaszko ●→ Leaves: *Alnus glutinosa* (L.) Gaertn., *Corylus avellana* L., *Fraxinus excelsior* L., *Tilia cordata* Mill.
- Naohidemycus vaccinii*** (Jørst.) S. Sato, Katsuya & Y. Hirats. ex Vanderweyen & Fraiture [=*Melampsora vacciniorum* Link, *Pucciniastrum vaccinii* (Wint.) Jørst., *Thekopsora myrtillina* Karst., *Thekopsora vacciniorum* (Link) Karst.] ●→ *Vaccinium myrtillus* L., *Vaccinium uliginosum* L., *Vaccinium vitis-idaea* L.
- Ochropsora ariae*** (Fuckel) Ramsb. [=*Ochropsora sorbi* (Oud.) Dietel] ●→ *Anemone nemorosa* L., *Malus sylvestris* (L.) Mill., *Sorbus aucuparia* L.
- Ochropsora sorbi* → ***Ochropsora ariae***
- Peridermium strobii* → ***Cronartium ribicola***
- Phleogena faginea*** (Fr.) Link [=*Pilacre faginea* (Fr.) Berk. & Broome] ●→ Bark, wood, trunks, logs, branches, stumps incl.: *Acer platanoides* L., *Alnus glutinosa* (L.) Gaertn., *Betula pendula* Roth, *Carpinus betulus* L., *Corylus avellana* L., *Picea abies* (L.) H. Karst., *Populus tremula* L., *Salix caprea* L., *Tilia cordata* Mill., *Ulmus* sp., fungi: *Armillaria* sp. (rhizomorphs), *Fomes fomentarius* (L.) Fr. (fruit body).
- Phragmidium acuminatum*** (Fr.) Cooke [=*Phragmidium rubi-saxatilis* Liro] ●→ *Rubus saxatilis* L.
- Phragmidium fragariae*** G. Winter [=*Phragmidium fragariastrum* (DC.) J.Schröt.] ●→ *Potentilla alba* L., *Potentilla argentea* L., *Potentilla intermedia* L.

- Phragmidium fragariastrum* → ***Phragmidium fragariae***
Phragmidium potentillae (Pers.) P. Karst. [= *Phragmidium potentillae* var. *major* Szakien] ● → *Potentilla argentea* L.
Phragmidium potentillae var. *major* → ***Phragmidium potentillae***
Phragmidium rubi-idaei (DC.) P. Karst. ● → *Rubus idaeus* L.
Phragmidium rubi-saxatilis → ***Phragmidium acuminatum***
Phragmidium tuberculatum Jul. Müll. ● → *Rosa* sp.
Pilacre faginea → ***Phleogena faginea***
Puccinia absinthii → ***Puccinia tanacetii***
Puccinia acetosae (Schum.) Koern. ● → *Rumex acetosa* L.
Puccinia aegopodii (Schumach.) Link ● → *Aegopodium podagraria* L.
Puccinia agrostidis → ***Puccinia persistens***
Puccinia angelicae (Schum.) Fuckel [= *Puccinia semadenii* Gäum.] ● →
Peucedanum palustre (L.) Moench.
Puccinia anthoxanthi → ***Puccinia graminis***
Puccinia arenariae (Schum.) Wint. ● → *Agrostemma githago* L., *Arenaria serpyllifolia* L., *Cerastium glomeratum* Thuill., *Moehringia trinervia* (L.) Clairv., *Sagina procumbens* L., *Silene latifolia* Poir. [= *Melandrium album* (Mill.) Garcke], *Stellaria aquatica* (L.) Scop. [= *Myosoton aquaticum* (L.) Moench], *Stellaria graminea* L., *Stellaria holostea* L., *Stellaria media* (L.) Vill., *Stellaria nemorum* L., *Stellaria uliginosa* Murray [= *Stellaria alsine* Grimm].
Puccinia argentata → ***Puccinia impatientis***
Puccinia asarina Kunze ● → *Asarum europaeum* L.
Puccinia asperulae-aparines → ***Puccinia galii-vernii***
Puccinia asperulae-odoratae → ***Puccinia punctata***
Puccinia behenii Otth ● → *Silene vulgaris* (Moench) Garcke.
Puccinia bistortae DC. [= *Puccinia cari-bistortae* Kleb.] ● → *Polygonum bistorta* L.
Puccinia bardanae → ***Puccinia calcitrapae***
Puccinia brachypodii Otth ● → *Brachypodium sylvaticum* (Huds.) P. Beauv. [= *Brachypodium silvaticum* (Huds.) P. Beauv.].
Puccinia bromina Erikss. ● → *Symphytum officinale* L.
Puccinia calcitrapae DC. [= *Puccinia bardanae* Corda, *Puccinia cir-sii* Lasch] ● → *Arctium lappa* L. [= *Lappa officinalis* All.], *Cirsium*

oleraceum (L.) Scop., *Cirsium palustre* (L.) Coss. ex Scop., *Cirsium rivulare* (Jacq.) All.

Puccinia calthae Link ● → *Caltha palustris* L.

Puccinia cari-bistortae → ***Puccinia bistortae***

Puccinia caricina DC. [= *Puccinia paludosa* Plowr., *Puccinia ribesii-caricis* Kleb., *Puccinia ribesii-pseudocyperi* Kleb., *Puccinia ribis-nigri-paniculatae* Kleb., *Puccinia urticae-acutae* Kleb., *Puccinia urticae-acutiformis* Kleb., *Puccinia urticae-caricis* Kleb., *Puccinia urticae-hirtae* Kleb., *Puccinia urticae-pilosae* Hasler, *Puccinia urticae-ripariae* Hasler, *Puccinia urticae-vesicariae* Kleb.] ● → *Carex acuta* L. [= *Carex gracilis* Curtis], *Carex acutiformis* Ehrh., *Carex appropinquata* Schumach. [= *Carex paradoxa* Willd.], *Carex buxbaumii* Wahlenb., *Carex cespitosa* L., *Carex elata* All. [= *Carex hudsonii* A. Benn.], *Carex hirta* L., *Carex pilosa* Scop., *Carex pseudocyperus* L., *Carex riparia* Curtis, *Carex rostrata* Stokes, *Carex vesicaria* L., *Carex* sp., *Ribes nigrum* L., *Ribes spicatum* Robson, *Urtica dioica* L.

Puccinia centaureae-caricis → ***Puccinia dioicae***

Puccinia chareophylli Purton ● → *Anthriscus sylvestris* (L.) Hoffm., *Chaerophyllum temulum* L.

Puccinia chondrillae → ***Puccinia maculosa***

Puccinia chrysosplenii Grev. ● → *Chrysosplenium alternifolium* L.

Puccinia cicutae Lasch ● → *Cicuta virosa* L.

Puccinia circaeae Pers. ● → *Circaea alpina* L., *Circaea lutetiana* L.

Puccinia cirsii → ***Puccinia calcitrapae***

Puccinia cirsii-lanceolati → ***Puccinia cnici***

Puccinia cnici Mart. [= *Puccinia cirsii-lanceolati* Schroet.] ● → *Cirsium vulgare* (Savi) Ten.

Puccinia coronata Corda [= *Puccinia coronifera* Kleb.] ● → *Agrostis capillaris* L. [= *Agrostis vulgaris* With.], *Alopecurus pratensis* L., *Calamagrostis arundinacea* (L.) Roth, *Calamagrostis canescens* (Weber) Roth, *Calamagrostis epigejos* (L.) Roth, *Dactylis glomerata* L., *Festuca arundinacea* Schreb. [= *Festuca elatior* L.], *Festuca gigantea* (L.) Vill., *Frangula alnus* Mill. [= *Rhamnus frangula* L.], *Holcus lanatus* L., *Holcus mollis* L., *Phalaris arundinacea* L., *Poa nemoralis* L. [= *Agrostis alba* L.], *Poa palustris* L., *Rhamnus cathartica* L.

Puccinia coronifera → ***Puccinia coronata***

Puccinia difformis Kunze ●→ *Galium aparine* L.

Puccinia dioicae Magn. [=*Puccinia centaureae-caricis* Tranzschel] ●→
Carex brizoides L., *Carex digitata* L., *Carex* sp., *Centaurea jacea*
L., *Cirsium oleraceum* (L.) Scop., *Cirsium palustre* (L.) Coss. ex
Scop., *Cirsium rivulare* (Jacq.) All, *Taraxacum officinale* F.H. Wigg.

Puccinia dispersa → ***Puccinia recondita***

Puccinia epilobii-tetragoni → ***Puccinia pulverulenta***

Puccinia fergussonii Berk. & Br. ●→ *Viola epipsila* Ledeb.

Puccinia galii-vernii Ces. [=*Puccinia asperulae-aporines* Picb, *Puccinia rivalis* Gäum.] ●→ *Galium intermedium* Schult. [=*Galium schultesii* Vest], *Galium rivale* (Sibth. & Sm.) Griseb. [=*Asperula rivalis* Sibth.].

Puccinia gibberosa Lagerh. ●→ *Festuca altissima* All.

Puccinia glechomatis DC. ●→ *Glechoma hederacea* L., *Glechoma hirsuta* Waldst. & Kit.

Puccinia graminis Pers. [=*Puccinia anthoxanthi* Fuckel] ●→ *Agrostis canina* L., *Agrostis capillaris* L. [=*Agrostis vulgaris* With.], *Anthoxanthum odoratum* L., *Apera spica-venti* (L.) P. Beauv., *Avena sativa* L., *Briza media* L., *Bromus hordeaceus* L. [=*Bromus mollis* L.], *Bromus inermis* Leyss., *Cynosurus cristatus* L., *Dactylis glomerata* L., *Deschampsia cespitosa* (L.) P. Beauv., *Elymus repens* (L.) Gould [=*Triticum repens* L.], *Hordelymus europaeus* (L.) Jess. ex Harz, *Lolium perenne* L.

Puccinia hieracii (Röhl.) H. Mart. [=*Puccinia jaceae* Otth, *Puccinia taraxaci* (Reb.) Plowr., *Puccinia tinctoriicola* Magn.] ●→ *Hieracium murorum* L., *Leontodon hispidus* L., *Serratula tinctoria* L., *Taraxacum officinale* F.H. Wigg.

Puccinia holcina Eriks. ●→ *Holcus lanatus* L.

Puccinia impatientis Schubad [=*Puccinia argentata* Schultz, *Puccinia noli-tangeris* Corda] ●→ *Adoxa moschatellina* L., *Impatiens noli-tangere* L.

Puccinia iridis Wallorth ●→ *Iris sibirica* L.

Puccinia jaceae → ***Puccinia hieracii***

Puccinia komarovii Tranzschel ●→ *Impatiens parviflora* DC.

Puccinia lapsanae Fuckel ●→ *Lapsana communis* L.

- Puccinia limosae* Mang. ●→ *Lysimachia thyrsoflora* L., *Lysimachia vulgaris* L.
- Puccinia littoralis* Rostr. ●→ *Sonchus arvensis* L.
- Puccinia luzulae* Lib. [= *Puccinia oblongata* (Link) G. Winter] ●→ *Luzula pilosa* (L.) Willd.
- Puccinia maculosa* (Str.) Röhl. [= *Puccinia chondrillae* Corda] ●→ *Lactuca muralis* (L.) Gaertn. [= *Mycelis muralis* (L.) Dumort.].
- Puccinia magnusiana* Koern. ●→ *Phragmites australis* (Cav.) Trin. ex Steud. [= *Phragmites communis* Trin.], *Ranunculus lingua* L., *Ranunculus repens* L.
- Puccinia major* Diet. ●→ *Crepis paludosa* (L.) Moench.
- Puccinia malvacearum* Bert. ●→ *Althaea officinalis* L., *Malva alcea* L., *Malva* sp.
- Puccinia melicae* (Erikss.) Syd. ●→ *Melica nutans* L.
- Puccinia menthae* Pers. ●→ *Clinopodium acinos* (L.) Kuntze [= *Acinos arvensis* (Lam.) Dandy], *Clinopodium vulgare* L., *Mentha aquatica* L., *Mentha arvensis* L., *Mentha ×verticillata* L.
- Puccinia milii-effusi* → *Puccinia persistens*
- Puccinia noli-tangeris* → *Puccinia impatientis*
- Puccinia oblongata* → *Puccinia luzulae*
- Puccinia obscura* Schroet. ●→ *Luzula multiflora* (Ehrh.) Lej., *Luzula pilosa* (L.) Willd.
- Puccinia opizii* Bubák ●→ *Lactuca muralis* (L.) Gaertn. [= *Mycelis muralis* (L.) Dumort.], *Lapsana communis* L.
- Puccinia oreoselini* (Strauss) Fuckel ●→ *Peucedanum oreoselinum* (L.) Moench.
- Puccinia paludosa* → *Puccinia caricina*
- Puccinia persistens* Plowr. [= *Puccinia agrostidis* Plowr., *Puccinia milii-effusi* Dupias] ●→ *Aquilegia vulgaris* L., *Bromus* sp., *Isopyrum thalictroides* L., *Milium effusum* L.
- Puccinia phragmitis* (Schumach.) Tul. [= *Puccinia traili* Plowr.] ●→ *Phragmites australis* (Cav.) Trin. ex Steud. [= *Phragmites communis* Trin.], *Rumex aquaticus* L., *Rumex hydrolapathum* Huds., *Rumex obtusifolius* L.
- Puccinia pimpinellae* (Strauss) Rohling ●→ *Pimpinella saxifraga* L.

- Puccinia poae-nemoralis*** Otth ●→ *Poa annua* L., *Poa nemoralis* L., *Poa palustris* L., *Poa pratensis* L., ?*Trisetum sibiricum* Rupr.
- Puccinia poarum*** Nielsen ●→ *Poa compressa* L., *Poa palustris* L., *Poa pratensis* L., *Tussilago farfara* L.
- Puccinia polygoni*** Albertini & Schweinitz ●→ *Fallopia dumetorum* (L.) Holub, *Geranium pyrenaicum* Burm.f.
- Puccinia polygoni-amphibii*** Persoon ●→ *Persicaria amphibia* (L.) DeLarbre [= *Polygonum amphibium* L.].
- Puccinia pulverulenta*** Grev. [= *Puccinia epilobii-tetragoni* Winter] ●→ *Epilobium hirsutum* L.
- Puccinia punctata*** Link [= *Puccinia asperulae-odoratae* Wurth] ●→ *Galium aparine* L., *Galium mollugo* L., *Galium odoratum* (L.) Scop. [= *Asperula odorata* L.], *Galium palustre* L., *Galium rivale* (Sibth. & Sm.) Griseb., *Galium intermedium* Schult. [= *Galium schultesii* Vest], *Galium uliginosum* L., *Galium* sp.
- Puccinia punctiformis*** (Str.) Rohl. [= *Puccinia suaveolens* (Pers.) Rostrup] ●→ *Cirsium arvense* (L.) Scop.
- Puccinia pygmaea*** Erikss. ●→ *Calamagrostis canescens* (Weber) Roth.
- Puccinia recondita*** Rob. ex Desm. [= *Puccinia dispersa* Eriksson, *Puccinia rubigo-vera* (DC.) G. Winter] ●→ *Anchusa arvensis* (L.) M. Bieb. [= *Lycopsis arvensis* L.], *Secale cereale* L.
- Puccinia ribesii-caricis* → ***Puccinia caricina***
- Puccinia ribesii-pseudocyperi* → ***Puccinia caricina***
- Puccinia ribis-nigri-paniculatae* → ***Puccinia caricina***
- Puccinia rivalis* → ***Puccinia galii-vernii***
- Puccinia rubigo-vera* → ***Puccinia recondita***
- Puccinia semadenii* → ***Puccinia angelicae***
- Puccinia senecionis-acuteformis*** Hasler, Mayor & Cruchet ●→ *Senecio paludosus* L.
- Puccinia sessilis*** Schneid. ●→ *Convallaria majalis* L., *Dactylorhiza fuchsii* (Druce) Soó, *Dactylorhiza incarnata* (L.) Soó, *Maianthemum bifolium* (L.) F.W. Schmidt, *Paris quadrifolia* L., *Phalaris arundinacea* L., *Platanthera bifolia* (L.) Rich., *Platanthera chlorantha* (Custer) Rchb., *Polygonatum multiflorum* (L.) All.
- Puccinia smilacearum-digraphidis*** Kleb. ●→ *Convallaria majalis* L.

Puccinia striiformis Westend. ●→ *Elymus caninus* (L.) L. [=*Agropyron caninum* (L.) P. Beauv.].

Puccinia suaveolens → *Puccinia punctiformis*

Puccinia tanacetii DC. [=*Puccinia absinthii* DC.] ●→ *Artemisia abrotanum* L., *Artemisia absinthium* L., *Artemisia vulgaris* L., *Tanacetum vulgare* L.

Puccinia taraxaci → *Puccinia hieracii*

Puccinia thesii (Desv.) Chaillet ●→ *Thesium ebracteatum* Hayne.

Puccinia tinctoriicola → *Puccinia hieracii*

Puccinia traili → *Puccinia phragmitis*

Puccinia uliginosa Juel ●→ *Carex nigra* Reichard [=*Carex fusca* Bellardi & All.], *Parnassia palustris* L.

Puccinia urticae-acutae → *Puccinia caricina*

Puccinia urticae-acutiformis → *Puccinia caricina*

Puccinia urticae-caricis → *Puccinia caricina*

Puccinia urticae-hirtae → *Puccinia caricina*

Puccinia urticae-pilosae → *Puccinia caricina*

Puccinia urticae-ripariae → *Puccinia caricina*

Puccinia urticae-vesicariae → *Puccinia caricina*

Puccinia veronicarum DC. ●→ *Veronica longifolia* L.

Puccinia violae (Schum.) DC. ●→ *Viola canina* L., *Viola mirabilis* L., *Viola reichenbachiana* Jord. ex Boreau [=*Viola silvestris* Rchb.], *Viola riviniana* Rchb.

Puccinia vulpinae Schroet. ●→ *Carex vulpina* L.

Puccinia sp. ●→ *Carex cespitosa* L. [=*Carex caespitosa* L.], ?*Trisetum sibiricum* Rupr.

Pucciniastrum agrimoniae (DC.) Tranzschel ●→ *Agrimonia eupatoria* L., *Agrimonia pilosa* Ledeb., *Agrimonia procera* Wallr.

Pucciniastrum areolatum (Fr.) G.H. Otth [=*Pucciniastrum padi* Diet., *Thekopsora areolata* (Fr.) Magn.] ●→ *Prunus padus* L. [=*Padus avium* Mill.], *Picea abies* (L.) H. Karst. [=*Picea excelsa* (Lam.) Link].

Pucciniastrum circaeae (Schum.) Speg. ●→ *Circaea alpina* L., *Circaea intermedia* Ehrh., *Circaea lutetiana* L.

Pucciniastrum epilobii (Pers.) Otth ●→ *Epilobium palustre* L., *Epilobium parviflorum* Schreb.

Pucciniastrum guttatum (Schroet.) Hyl., Jørst. & Nannf. [=*Thekopsora galii* (Link) De Toni] ●→ *Cruciata glabra* (L.) Opiz [=*Galium vernum* Scop.], *Galium mollugo* L., *Galium odoratum* (L.) Scop. [=*Asperula odorata* L.].

Pucciniastrum padi → ***Pucciniastrum areolatum***

Pucciniastrum pyrolae Diet. ex Arth. ●→ *Orthilia secunda* (L.) House [=*Ramischia secunda* (L.) Garcke], *Pyrola rotundifolia* L. [=*Pirola rotundifolia* L.], *Pyrola* sp.

Pucciniastrum symphyti (DC.) McKenzie & Padamsee [=*Melampsora symphyti* Bubák] ●→ *Symphytum officinale* L.

Pucciniastrum vaccinii → ***Naohidemyces vaccinii***

Sphacelotheca hydropiperis (Schumach.) de Bary [=*Ustilago hydropiperis* (Schumach.) J. Schröt.] ●→ *Persicaria hydropiper* (L.) Delarbre. [=*Polygonum hydropiper* L.].

Thekopsora areolata → ***Pucciniastrum areolatum***

Thekopsora galii → ***Pucciniastrum guttatum***

Thekopsora myrtillina → ***Naohidemyces vaccinii***

Thekopsora vaccinatorum → ***Naohidemyces vaccinii***

Tolyposporium junci (J. Schröt.) Woronin ●→ *Juncus bufonius* L.

Tracya hydrocharidis Lagerh. ●→ *Hydrocharis morsus-ranae* L.

Tranzschelia anemones (Pers.) Nannf. [=*Tranzschelia fusca* (Relh.) Diet.] ●→ *Anemone nemorosa* L.

Tranzschelia fusca → ***Tranzschelia anemones***

Tranzschelia pruni-spinosae (Pers.) Diet. ●→ *Anemone ranunculoides* L., *Prunus domestica* L., ?*Prunus domestica* subsp. *insititia* (L.) Bonnier & Layens [=*Prunus domestica* var. *insititia* (L.) Fiori & Paol.].

Trichosporon cutaneum → ***Cutaneotrichosporon cutaneum***

Triphragmium ulmariae (DC.) Link ●→ *Filipendula ulmaria* (L.) Maxim.

Tubercinia ranunculi → ***Urocystis ranunculi***

Tubercinia trientalis → ***Urocystis trientalis***

Uredinopsis filicina (Niessl) Magnus ●→ Ferns: *Phegopteris polypodioides* Fée [=*Thelypteris phegopteris* (L.) Sloss.].

Urocystis anemones (Pers.) Wint. ●→ *Anemone nemorosa* L.

Urocystis ficariae (Liro.) Moesz ●→ *Ficaria verna* Huds. [=*Ranunculus ficaria* L.].

- Urocystis ranunculi* (Lib.) Moesz [= *Tuburcinia ranunculi* (Lib.) Liro]
 ● → *Ranunculus repens* L.
- Urocystis syncocca* (L.A. Kirchn.) B. Lindeb. ● → *Hepatica nobilis* Mill.
 [= *Hepatica nobilis* Schreb.].
- Urocystis trientalis* (Berk. & Broome) B. Lindeb. [= *Tuburcinia trientalis*
 Berk. & Broome] ● → *Lysimachia europaea* (L.) U. Manns & Anderb.
 [= *Trientalis europaea* L.].
- Uromyces airae-flexuosae* Ferd. & Winge ● → *Deschampsia flexuosa*
 (L.) Trin.
- Uromyces astragali* → *Uromyces punctatus*
- Uromyces dactylidis* Otth [= *Aecidium ranunculacearum* DC.] ● → *Dactylis*
glomerata L. [= *Dactylis aschersoniana* Graebn], *Ranunculus acris*
 L., *Ranunculus auricomus* L., *Ranunculus cassubicus* L., *Ranunculus*
lanuginosus L., *Ranunculus lingua* L., *Ranunculus repens* L.
- Uromyces fabae* → *Uromyces viciae-fabae*
- Uromyces fallens* (Arth.) Kern ex Barthol. [= *Uromyces trifolii* (Hedw.f.)
 Lév.] ● → *Trifolium hybridum* L., *Trifolium pratense* L.
- Uromyces festucae* Syd. ● → *Festuca rubra* L.
- Uromyces ficariae* (Liro) Moesz ● → *Ficaria verna* Huds. [= *Ranunculus*
ficaria L.].
- Uromyces fulgens* Bubák ● → *Chamaecytisus ruthenicus* (Fischer ex
 Woloszczak) Klásk.
- Uromyces gageae* Beck ● → *Gagea lutea* (L.) Ker Gawl.
- Uromyces genistae-tinctoriae* → *Uromyces pisi-sativi*
- Uromyces geranii* (D.C) Fr. ● → *Geranium palustre* L., *Geranium pratense*
 L., *Geranium pyrenaicum* Burm.f., *Geranium sylvaticum* L.
- Uromyces laburni* → *Uromyces pisi-sativi*
- Uromyces orobi* (Pers.) Lév. ● → *Lathyrus palustris* L., *Lathyrus vernus*
 (L.) Bernh.
- Uromyces pallidus* Niessl ● → *Chamaecytisus ruthenicus* (Fischer ex
 Woloszczak) Klásk. [= *Cytisus ruthenicus* Fisch.], ?*Lembotropis ni-*
gricans (L.) Griseb. [= *Cytisus nigricans* L.].
- Uromyces pisi-sativi* (Pers.) Liro [= *Aecidium euphorbiae* Pers. ex J.F.
 Gmel., *Uromyces genistae-tinctoriae* (Pers.) Winter, *Uromyces laburni*
 (DC.) G.H. Otth] ● → *Caragana arborescens* Lam., *Cytisus scoparius*

- (L.) Link [=*Sarothamnus scoparius* (L.) W.D.J. Koch], *Euphorbia cyparissias* L., *Euphorbia esula* L.
- Uromyces poae*** Rabenh. ●→ *Ficaria verna* Huds., *Poa nemoralis* L., *Poa palustris* L., *Poa trivialis* L.
- Uromyces polygoni* → ***Uromyces polygoni-aviculariae***
- Uromyces polygoni-aviculariae*** (Pers.) Karst. [=*Uromyces polygoni* (Pers.) Fuckel] ●→ *Polygonum aviculare* L., *Rumex acetosella* L.
- Uromyces punctatus*** J. Schröt. [=*Uromyces astragali* Opiz] ●→ *Astragalus glycyphyllos* L.
- Uromyces rumicis*** (Schum.) Wint. ●→ *Ficaria verna* Huds. [=*Ranunculus ficaria* L.], *Rumex confertus* Willd., *Rumex conglomeratus* Murray, *Rumex crispus* L., *Rumex hydrolapathum* Huds., *Rumex obtusifolius* L., *Rumex sanguineus* L.
- Uromyces scrophulariae*** (DC.) Fuckel ●→ *Scrophularia nodosa* L.
- Uromyces striatus*** J. Schröt. ●→ *Medicago lupulina* L.
- Uromyces trifolii* → ***Uromyces fallens***
- Uromyces verruculosus*** Schroeter ●→ *Silene latifolia* Poir. [=*Melandrium album* (Mill.) Garcke].
- Uromyces viciae-fabae*** (Pers.) Schroet. [=*Uromyces fabae* (Pers.) de Bary] ●→ *Lathyrus palustris* L., *Lathyrus vernus* (L.) Bernh., *Vicia cracca* L., *Vicia sepium* L.
- Uromyces*** sp. ●→ *Ranunculus auricomus* L., *Ranunculus cassubicus* L., *Ranunculus repens* L.
- Ustilago avenae*** (Pers.) Rostr. ●→ *Avena sativa* L. [=*Avena orientalis* Schreb.].
- Ustilago filiformis*** (Schrank) Rostr. [=*Ustilago longissima* (Sowerby) Meyen] ●→ *Glyceria fluitans* (L.) R.Br., *Glyceria maxima* (Hartm.) Holmb. [=*Glyceria aquatica* Wahlenb.].
- Ustilago grandis*** Fr. ●→ *Phragmites australis* (Cav.) Trin. ex Steud.
- Ustilago hydropiperis* → ***Sphacelotheca hydropiperis***
- Ustilago longissima* → ***Ustilago filiformis***
- Ustilago lychnidis-dioicae* → ***Microbotryum lychnidis-dioicae***
- Ustilago ornithogali* → ***Vankya ornithogali***
- Ustilago tragopogonis-pratensis* → ***Microbotryum tragopogonis-pratensis***

- Ustilago violacea* (on *Dianthus deltooides*) → ***Microbotryum dianthorum***
Ustilago violacea (on *Silene latifolia*) → ***Microbotryum lychnidis-dioicae***
Ustilago violacea (on *Saponaria officinalis*) → ***Microbotryum saponariae***
Ustilago violacea (on *Stellaria* and *Myosoton*) → ***Microbotryum stellariae***
Vankya ornithogali (J.C. Schmidt & Kunze) Ershad [= *Ustilago ornithogali*
 (J.C. Schmidt & Kunze) Magn.] ● → *Gagea minima* (L.) Ker Gawl.,
Gagea spathacea (Hayne) Salsib.
Ustilago segetum (Bull.) Roussel [= *Ustilago segetum* (Bull.) Pers.] ● →
Avena sativa L. [= *Avena orientalis* Schreb.]

BLASTOCLADIOMYCOTA

- Catenaria verrucosa*** Karling ● → Plant debris.
Catenophlyctis variabilis (Karling) Karling ● → Plant debris.

CHYTRIDIOMYCOTA

- Actinospora megalospora* → ***Miladina lecithina***
Karlingia chitinophila → ***Neokarlingia chitinophila***
Miladina lecithina (Cooke) Svrček [= *Actinospora megalospora* Ingold]
 ● → Water
Neokarlingia chitinophila (Karling) Longcore & D.R. Simmons [= *Kar-*
lingia chitinophila Karling] ● → Plant debris.
Phlyctochytrium aureliae Ajello ● → Plant debris.
Rhizidium ramosum Sparrow ● → Plant debris.
Rhizophlyctis rosea (de Bary & Woronin) A. Fisch. ● → Plant debris.
Synchytrium anemones (DC.) Woronin ● → *Anemone nemorosa* L.
Synchytrium chrysosplenii Sorokin ● → *Chrysosplenium alternifolium* L.
Synchytrium mercurialis Fuckel ● → *Mercurialis perennis* L.

ZYGOMYCOTA

- Batkoa apiculata* (Thaxt.) Humber ●→ Different insect species.
- Batkoa major* (Thaxt.) Humber ●→ Insects (Diptera): Big crane-fly (probably *Tipula* sp.).
- Basidiobolus ranarum* Eidam ●→ Amphibian and reptilian excrements, soil, organic detritus.
- Chaetocladium brefeldii* Tiegh. & G. Le Monn. ●→ Dung of herbivores.
- Conidiobolus obscurus* (I.M. Hall & P.H. Dunn) Remaud. & S. Keller ●→ Insects (Hemiptera): different aphid species incl.: *Microlophium carnosum* (Buckton) [= *Microlophium evansi* (Theob.)].
- Conidiobolus coronatus* (Costantin) A. Batko ●→ Different insect species.
- Entomophaga tipulae* (Fresen.) Humber ●→ Insects (Diptera): adults of Tipulidae and Limoniidae.
- Erynia phalloides* (A. Batko) Humber & Ben Ze'ev [= *Zoophthora phalloides* A. Batko] ●→ Insects (Hemiptera): *Microlophium evansi* Theobald.
- Eryniopsis caroliniana* (Thaxt.) Humber ●→ Insects (Diptera): adult of a big *Tipula* sp. (or *Nephrotoma* sp.).
- Furia ithacensis* (J.P. Kramer) Humber [= *Zoophthora ithacensis* (J.P. Kramer) Bałazy] ●→ Insects (Diptera): flies attached to the underside of leaves.
- Furia vomitoriae* (Rozsypal) Humber [= *Zoophthora vomitoriae* Rozsypal] ●→ Insects (Diptera): big flies of different families.
- Mortierella candelabrum* Tiegh. & G. Le Monn. ●→ Plant debris.
- Mortierella polycephala* Coem. ●→ Plant debris.
- Mucor mucedo* → *Rhizopus stolonifer*
- Mucor ramosissimus* Samouts. ●→ Dung of herbivores.
- Neozygites fresenii* (Nowak.) Remaud. & S. Keller ●→ Insects (Hemiptera): different aphid species.
- Neozygites microlophii* S. Keller ●→ Insects (Hemiptera): *Microlophium carnosum* (Buckton) [= *Microlophium evansi* (Theob.)].
- Pandora echinospora* (Thaxt.) Humber [= *Zoophthora echinospora* (Thaxt.) A. Batko] ●→ Insects (Diptera): *Minettia fasciata* Fallen.

- Pandora heteropterae*** (Bałazy) S. Keller [=*Zoophthora heteropterae* Bałazy] ●→ Insects (Heteroptera): small nymph of unidentified bug.
- Pandora neoaphidis*** (Remaud. & Hennebert) Humber [=*Zoophthora neoaphidis* (Remaud. & Hennebert) Bałazy] ●→ Insects (Hemiptera): different species of aphids.
- Pandora phyllobii*** (Bałazy) S. Keller [=*Zoophthora phyllobii* Bałazy] ●→ Insects (Coleoptera): *Phyllobius* sp.
- Pilobolus crystallinus*** (F.H. Wigg.) Tode ●→ Dung of herbivores.
- Piptocephalis freseniana*** de Bary [=*Piptocephalis repens* Tiegh. & G. Le Monn.] ●→ Fungi: *Mucor* sp.
- Piptocephalis repens* → ***Piptocephalis freseniana***
- Rhizopus stolonifer*** (Ehrenb.) Vuill. [=*Mucor mucedo* L.] ●→ Dung of herbivores, plant debris.
- Spinellus fusiger*** (Link) Tiegh. ●→ Fungi (fruit bodies): *Macrolepiota* sp., *Mycena zephirus* (Fr.) P. Kumm., *Mycena* sp.
- Syzygites megalocarpus*** Ehrenb. ●→ Fungi (fruit body): *Macrolepiota* sp.
- Tarichium distinctum*** Bałazy, J. Wiśn. & S. Kaczm. ●→ Insects (Mesostigmata): *Pergamasus* sp.
- Zoophagus insidians*** Sommerst. ●→ Water.
- Zoophthora anglica*** (Petch) Humber ●→ Insects (Coleoptera): *Agriotes lineatus* L.
- Zoophthora autumnalis*** Bałazy ●→ Insects (Diptera): dryomyzid flies (Dryomyzidae) affixed to underside of leaves.
- Zoophthora bialowiezensis*** Bałazy ●→ Insects (Lepidoptera): *Cheimatobia brumata* L., *Hibernia defoliaria* (Clerck).
- Zoophthora brevispora*** Bałazy ●→ Insects (Lepidoptera): *Cheimatobia brumata* L., *Hibernia defoliaria* (Clerck).
- Zoophthora crassispora*** Bałazy ●→ Insects (Lepidoptera): *Celypha flavipalpana* (Herrich-Schaffer).
- Zoophthora echinospora* → ***Pandora echinospora***
- Zoophthora heteropterae* → ***Pandora heteropterae***
- Zoophthora ichneumonis*** Bałazy ●→ Insects (Hymenoptera): different species of Ichneumonidae.
- Zoophthora ithacensis* → ***Furia ithacensis***

- Zoophthora lanceolata* S. Keller ●→ Insects (Diptera): unidentified species of Empididae.
- Zoophthora lipae* Bałazy, Eilenberg & Papierok ●→ Insects (Coleoptera): different species of beetles (Cantharidae).
- Zoophthora myrmecophaga* Turian & Wuest ●→ Insects (Hymenoptera): ants of the genus *Formica*.
- Zoophthora nematocerus* Bałazy ●→ Insects (Diptera): Nematocerous fly species.
- Zoophthora neoaphidis* → *Pandora neoaphidis*
- Zoophthora obtusa* Bałazy ●→ Insects (Diptera): brachycerous fly species (Rhagionidae).
- Zoophthora opomyzae* Bałazy & Miętk. ●→ Insects (Diptera): Brachycerous fly species (Rhagionidae).
- Zoophthora ovispora* (Nowak.) A. Batko ●→ Insects (Diptera): Dipteran adults.
- Zoophthora phalloides* → *Erynia phalloides*
- Zoophthora phyllobii* → *Pandora phyllobii*
- Zoophthora psyllae* Bałazy ●→ insects (Hemiptera): *Trioza urticae* L.
- Zoophthora vomitoriae* → *Furia vomitoriae*

CHROMISTA

OOMYCOTA

- Achlya americana* Humphrey ●→ Plant debris.
- Achlya apiculata* → *Newbya apiculata*
- Achlya colorata* Pringsh. ●→ Plant debris.
- Achlya crenulata* Ziegler ●→ Plant debris.
- Achlya debaryana* Humphrey ●→ Plant debris, water.
- Achlya diffusa* J.V. Harv. ●→ Plant debris.
- Achlya dubia* Coker ●→ Plant debris, water.
- Achlya flagellata* Coker ●→ Water.
- Achlya glomerata* Coker ●→ Water.
- Achlya klebsiana* Pieters ●→ Plant debris.

- Achlya oligocantha* → *Newbya oligocantha*
Achlya orion Coker & Couch ●→ Plant debris, water.
Achlya polyandra → *Newbya polyandra*
Achlya proliferoides Coker ●→ Plant debris, water.
Achlya racemosa Hildebr. ●→ Plant debris.
Achlya radiosa Maurizio ●→ Plant debris.
Achlya rodrigueziana F.T. Wolf ●→ Plant debris.
Achlya treleaseana (Humphrey) Kauffman ●→ Plant debris, water.
Albugo candida (Pers.) Roussel ●→ *Arabidopsis arenosa* (L.) Lawal-
 rée [= *Cardaminopsis arenosa* (L.) Hayek.], *Armoracia rusticana* P.
 Gaertner., B. Mey. & Scherb., *Berteroa incana* (L.) DC., *Capsella*
bursa-pastoris (L.) Medik., *Cardamine amara* L., *Sisymbrium of-*
ficinale (L.) Scop.
Aphanomyces astaci Schikora ●→ Water.
Aphanomyces bosminae W.W. Scott ●→ Plant debris.
Aphanomyces helicoides Minden ●→ Plant debris.
Aphanomyces irregularis W.W. Scott ●→ Plant debris, water.
Aphanomyces laevis de Bary ●→ Plant debris.
Aphanomyces ovidestruens Gickelh. ●→ Plant debris.
Aphanomyces parasiticus Coker ●→ Water.
Aphanomyces stellatus de Bary ●→ Plant debris, water.
Aplanes treleaseanus (Humphrey) Coker ●→ Plant debris.
Aplanopsis spinosa → *Newbya pascuicola*
Bremia lactucae Regel ●→ *Arctium lappa* L. [= *Arctium nemorosum*
 Lej.], *Arctium minus* (Hill.) Bernh., *Cirsium arvense* (L.) Scop.,
Cirsium oleraceum (L.) Scop., *Cirsium rivulare* (Jacq.) All., *Crepis*
paludosa (L.) Moench, *Hieracium murorum* L., *Pilosella officinarum*
 Vaill. [= *Hieracium pilosella* L.], *Lapsana communis* L., *Leontodon*
hispidus L.
Cladolegnia unispora → *Saprolegnia unispora*
Dictyuchus monosporus Leitg. ●→ Water.
Dictyuchus sterilis Coker ●→ Plant debris.
Elongisporangium anandrum (Drechsler) Uzuhasi, Tojo & Kakish. [= *Py-*
thium anandrum Drechsler] ●→ Plant debris.

- Elongisporangium helicandrum*** (Drechsler) Uzuhasi, Tojo & Kakish.
[=*Pythium helicandrum* Drechsler] ●→ Plant debris.
- Elongisporangium undulatum*** (H.E. Petersen) Uzuhasi, Tojo & Kakish.
[=*Pythium undulatum* H.E. Petersen] ●→ Plant debris, water.
- Globisporangium debaryanum*** (R. Hesse) Uzuhashi, Tojo & Kakish.
[=*Pythium debaryanum* R. Hesse] ●→ Plant debris, water.
- Globisporangium echinulatum*** (V.D. Matthews) Uzuhashi, Tojo & Kakish.
[=*Pythium echinulatum* V.D. Matthews] ●→ Plant debris.
- Globisporangium intermedium*** (de Bary) Uzuhashi, Tojo & Kakish.
[=*Pythium intermedium* de Bary] ●→ Plant debris.
- Globisporangium rostratum*** (E.J. Butler) Uzuhashi, Tojo & Kakish.
[=*Pythium rostratum* E.J. Butler] ●→ Plant debris.
- Hyaloperonospora arabidopsidis*** (Gäum.) Göker, Riethm., Voglmayr,
Weiss & Oberw. [= *Peronospora arabidopsidis* Gäum.] ●→ *Arabidopsis thaliana* (L.) Heynh.
- Hyaloperonospora niessleana*** (Berl.) Constant. [= *Peronospora niessleana*
Berl.] ●→ *Alliaria petiolate* (M. Bieb.) Cavara & Grande [= *Alliaria officinalis* Andr. ex DC.].
- Hyaloperonospora parasitica*** (Pers.) Constant. [= *Peronospora dentariae*
Rabenh., *Peronospora parasitica* (Pers.) Fr.] ●→ *Capsella bursa-pastoris* (L.) Medik., *Cardamine amara* L., *Cardamine impatiens*
L., *Cardamine flexuosa* With., *Cardamine bulbifera* (L.) Crantz.
[=*Dentaria bulbifera* L.].
- Hyaloperonospora sisymbrii-sophiae*** (Gäum.) Göker, Voglmayr & Oberw.
[=*Peronospora sisymbrii-sophiae* Gäum.] ●→ *Descurainia sophia*
(L.) Webb ex Prantl.
- Hyaloperonospora thlaspeos-arvensis*** (Gäum.) Göker, Riethm., Voglmayr,
Weiss & Oberw. ●→ *Thlaspi arvense* L.
- Isoachlya monilifera* → ***Saprolegnia monilifera***
- Isoachlya torulosa*** (de Bary) Cejp [= *Saprolegnia torulosa* de Bary] ●→
Plant debris.
- Lagenidium giganteum*** Couch ex Redhead ●→ Plant debris.
- Leptolegnia caudata*** de Bary ●→ Plant debris.
- Myzocytiopsis microspora*** (Karling) M.W. Dick [= *Myzocytiium microsporum*
(Karling) Sparrow] ●→ Plant debris.

- Myzocytiopsis zoophthora* (Sparrow) M.W. Dick [=*Myzocyttium zoophthorum* Sparrow] ●→ Plant debris.
- Myzocyttium microsporum* → *Myzocytiopsis microspora*
- Myzocyttium zoophthorum* → *Myzocytiopsis zoophthora*
- Newbya apiculata* (de Bary) M.W. Dick & Mark A. Spencer [=*Achlya apiculata* de Bary] ●→ Plant debris, water.
- Newbya oligocantha* (de Bary) Mark A. Spencer [=*Achlya oligocantha* de Bary] ●→ Plant debris.
- Newbya pascuicola* M.C. Vick & M.W. Dick [=*Aplanopsis spinosa* M.W. Dick] ●→ Water.
- Newbya polyandra* (Hildebr.) Mark A. Spencer [*Achlya polyandra* Hildebr.] ●→ Plant debris.
- Olpidiopsis varians* Shanor ●→ Plant debris.
- Paraperonospora leptosperma* (de Bary) Constant. [=*Plasmopara leptosperma* (de Bary) Skalicky] ●→ *Matricaria discoidea* DC. [=*Chamomila suaevolens* (Pursh) Rydb.].
- Peronospora aestivalis* H. Syd ●→ *Medicago falcata* L.
- Peronospora agrestis* Gäum. ●→ *Veronica arvensis* L., *Veronica chamaedrys* L., *Veronica persica* Poir.
- Peronospora agrimoniae* H. Sydow ●→ *Agrimonia procera* Wallr.
- Peronospora alsinearum* Casp. ●→ *Stellaria media* (L.) Vill.
- Peronospora alta* Fuckel ●→ *Plantago lanceolata* L., *Plantago major* L., *Plantago uliginosa* F.W. Schmidt.
- Peronospora aparines* (de Bary) Gäum. ●→ *Galium aparine* L.
- Peronospora aquatica* Gäum. ●→ *Veronica anagallis-aquatica* L.
- Peronospora arabidopsidis* → *Hyaloperonospora arabidopsidis*
- Peronospora arenariae* (Berk.) Tul. ●→ *Moehringia trinervia* (L.) Clairv.
- Peronospora arthuri* Farlow ●→ *Oenothera biennis* L.
- Peronospora bulbocapni* Beck ●→ *Corydalis cava* (L.) Schweigg. & Körte, *Corydalis solida* (L.) Clairv. [=*Corydalis bulbosa* (L.) DC.].
- Peronospora calotheca* de Bary ●→ *Galium odoratum* (L.) Scop. [=*Asperula odorata* L.].
- Peronospora campestris* Gäum. ●→ *Arenaria serpyllifolia* L.
- Peronospora chenopodii* → *Peronospora farinosa*
- Peronospora chrysosplenii* Fuckel ●→ *Chrysosplenium alternifolium* L.

- Peronospora conferta* (Unger) Unger ●→ *Cerastium arvense* L.
Peronospora conglomerata Fuckel ●→ *Geranium phaeum* L., *Geranium pusillum* L.
Peronospora coronillae Gäum. ●→ *Securigera varia* (L.) Lassen [=*Coronilla varia* L.].
Peronospora corydalis de Bary ●→ *Corydalis solida* (L.) Clairv.
Peronospora dentariae → *Hyaloperonospora parasitica*
Peronospora digitalis Gäum. ●→ *Digitalis grandiflora* Mill.
Peronospora ervi A. Gust. ●→ *Vicia tetrasperma* (L.) Schreb.
Peronospora farinosa (Fr.) Fr. [=*Peronospora chenopodii* Schltdl.] ●→
Chenopodium album L., *Chenopodium hybridum* L.
Peronospora ficariae Tul. ●→ *Ficaria verna* Huds.
Peronospora flava Gäum. ●→ *Linaria vulgaris* Mill.
Peronospora fulva → *Peronospora trifoliorum*
Peronospora galii Fuckel ●→ *Galium palustre* L.
Peronospora gei Syd. ●→ *Geum rivale* L.
Peronospora grisea (Unger) de Bary [=*Peronospora grisea* (Ung.) Ung.]
●→ *Veronica beccabunga* L., *Veronica officinalis* L., *Veronica serpyllifolia* L.
Peronospora hiemalis Gäumann ●→ *Ranunculus acris* L.
Peronospora humuli → *Pseudoperonospora cubensis*
Peronospora knautiae Fuckel [=*Peronospora knautiae* Fuckel] ●→ *Knautia arvensis* (L.) Coult.
Peronospora kochiae-scopariae Kochman & T. Majewski ●→ *Bassia scoparia* (L.) A.J. Scott [=*Kochia scoparia* (L.) Schrad.].
Peronospora lamii A. Br. ●→ *Lamium maculatum* (L.) L., *Lamium purpureum* L.
Peronospora lathyrina Vienn.-Bourg. ●→ *Lathyrus sylvestris* L.
Peronospora lathyri-vernii Gust. ●→ *Lathyrus vernus* (L.) Bern.
Peronospora lithospermi Gäum. ●→ *Buglossoides arvensis* (L.)
I.M. Johnst. [=*Lithospermum arvense* L.].
Peronospora mayorii Gäum. ●→ *Vicia cracca* L.
Peronospora melampyri (Bucholtz) Davis ●→ *Melampyrum pratense* L.
Peronospora melandryi Gäum. ●→ *Silene latifolia* Poir. [=*Melandrium album* (Mill.) Garcke].

- Peronospora myosotidis* de Bary ●→ *Myosotis scorpioides* L. [= *Myosotis palustris* (L.) Nathh.], *Myosotis sylvatica* Hoffm.
- Peronospora niessleana* → *Hyaloperonospora niessleana*
- Peronospora parasitica* → *Hyaloperonospora parasitica*
- Peronospora parva* Gäum. ●→ *Stellaria holostea* L.
- Peronospora phyteumatis* Fuckel ●→ *Phyteuma spicatum* L.
- Peronospora polygoni-convolvuli* A. Gustavsoon ●→ *Fallopia convolvulus* (L.) Á. Löve, *Fallopia dumetorum* (L.) Holub.
- Peronospora ranunculi* Gäum. ●→ *Ranunculus bulbosus* L., *Ranunculus lanuginosus* L., *Ranunculus repens* L.
- Peronospora romanica* Sävul. & Rayss ●→ *Medicago lupulina* L.
- Peronospora senneniana* Gonz. Frag. & Sacc. ●→ *Lathyrus palustris* L. [= *Lathyrus paluster* L.].
- Peronospora sepium* → *Peronospora viciae*
- Peronospora sisymbrii-officinalis* Gäum. ●→ *Sisymbrium officinale* (L.) Scop.
- Peronospora sisymbrii-sophiae* → *Hyaloperonospora sisymbrii-sophiae*
- Peronospora sordida* Berk. [= *Peronospora sordida* Berk. & Br.] ●→ *Scrophularia nodosa* L., *Scrophularia umbrosa* L. [= *Scrophularia alata* Gilib.].
- Peronospora stachydis* H. Syd. ●→ *Stachys palustris* L.
- Peronospora symphyti* Gäum. ●→ *Symphytum officinale* L.
- Peronospora trifolii-hybridi* → *Peronospora trifoliorum*
- Peronospora trifoliorum* de Bary A. [= *Peronospora fulva* Syd., *Peronospora trifolii-hybridi* Gäum.] ●→ *Lathyrus pratensis* L., *Trifolium alpestre* L., *Trifolium hybridum* L., *Trifolium medium* L.
- Peronospora trivialis* Gäum. ●→ *Cerastium fontanum* subsp. *vulgare* (Hartm.) Greuter & Burdet. [= *Cerastium holosteoides* Fr. emend. Hyl.].
- Peronospora urticae* (Lib.) E.S. Salmon & Ware [= *Peronospora urticae* (Lib.) Casp.] ●→ *Urtica dioica* L.
- Peronospora vernalis* Gäum. ●→ *Spergula morisonii* Boreau.
- Peronospora viciae* (Berk.) de Bary [= *Peronospora sepium* Gäum., *Peronospora viciae* (Berk.) Casp.] ●→ *Vicia cassubica* L., *Vicia sepium* L.
- Peronospora violae* de Bary ●→ *Viola arvensis* Murray

- Phytophthora fragariae* Hickman ●→ Plant debris.
- Phytophythium vexans* (de Bary) Abad, de Cock, Bala, Robideau, A.M. Lodhi & Lévesque [=*Pythium allantocladon* Sideris] ●→ Plant debris.
- Plasmopara densa* (Rabenh.) J. Schröt. ●→ *Euphrasia stricta* D. Wolff [=*Euphrasia stricta* Host], *Odontites vulgaris* Moench. [=*Odontites rubra* Gilib.], *Rhinanthus minor* L.
- Plasmopara isopyri-thalictroidis* (Sävul. & Rayss) Sävil. & O. Sävil. ●→ *Isopyrum thalictroides* L.
- Plasmopara epilobii* J. Schröt. [=*Plasmopara epilobii* (Oth) Sacc. & P. Syd.] ●→ *Epilobium palustre* L., *Epilobium parviflorum* Schreb.
- Plasmopara leptosperma* → ***Paraperonospora leptosperma***
- Plasmopara nivea* (Unger) J. Schröt. [=*Plasmopara umbelliferarum* (Casp.) J. Schröt. ex Wartenw.] ●→ *Aegopodium podagraria* L., *Angelica sylvestris* L., *Anthriscus sylvestris* (L.) Hoffm., *Chaerophyllum hirsutum* L., *Chaerophyllum* sp., *Peucedanum palustre* (L.) Moenh., *Sanicula europaea* L., *Sium latifolium* L.
- Plasmopara obducens* (J. Schröt.) J. Schröt. ●→ *Impatiens noli-tangere* L.
- Plasmopara pygmaea* (Unger) Constant., Voglmayr, Fatehi & Thines [=*Plasmopara pygmaea* (Ung.) J. Schröt. ex Wartenw.] ●→ *Anemone nemorosa* L., *Anemone ranunculoides* L., *Hepatica nobilis* Mill. [=*Hepatica nobilis* Schreb.], *Isopyrum thalictroides* L.
- Plasmopara ribicola* J. Schröt. ●→ *Ribes nigrum* L., *Ribes spicatum* Robson [=*Ribes schlechtendalii* Lange].
- Plasmopara umbelliferarum* → ***Plasmopara nivea***
- Pseudoperonospora cubensis* (Berk. & M.A. Curtis) Rostovzev [=*Pero- nospora humuli* (Miy. & Takah.) Skal.] ●→ *Humulus lupulus* L.
- Pythiopsis cymosa* de Bary ●→ Water.
- Pythium acanthicum* Drechsler ●→ Plant debris.
- Pythium anandrum* → ***Elongisporangium anandrum***
- Pythium angustatum* Sparrow ●→ Plant debris.
- Pythium afertile* Kanouse & T. Humphrey ●→ Plant debris.
- Pythium allantocladon* → ***Phytopythium vexans***
- Pythium aquaticale* Höhnk ●→ Plant debris.
- Pythium butleri* Subraman. ●→ Plant debris.
- Pythium debaryanum* → ***Globisporangium debaryanum***

- Pythium echinulatum* → ***Globisporangium echinulatum***
Pythium epigynum Höhnk ●→ Plant debris.
Pythium gibbosum De Wild. ●→ Plant debris.
Pythium helicandrum → ***Elongisporangium helicandrum***
Pythium imperfectum Höhnk ●→ Plant debris.
Pythium inflatum V.D. Matthews ●→ Plant debris, water.
Pythium intermedium → ***Globisporangium intermedium***
Pythium jirovecii Cejp ●→ Plant debris.
Pythium myriotylum Drechsler ●→ Plant debris.
Pythium proliferum Schenk ●→ Plant debris.
Pythium rostratum → ***Globisporangium rostratum***
Pythium tenue Gobi ●→ Plant debris, water.
Pythium undulatum → ***Elongisporangium undulatum***
Saprolegnia anisospora de Bary ●→ Plant debris, water.
Saprolegnia asterophora → ***Scoliolegnia asterophora***
Saprolegnia delica Coker ●→ Plant debris.
Saprolegnia diclina Humphrey ●→ Water.
Saprolegnia ferax (Gruith.) Kütz. ●→ Plant debris, water.
Saprolegnia glomerata (Tiesenh.) A. Lund ●→ Plant debris.
Saprolegnia litoralis Coker ●→ Plant debris.
Saprolegnia mixta de Bary ●→ Water.
Saprolegnia monilifera de Bary [= *Isoachlya monilifera* (de Bary) Kaufman] ●→ Plant debris.
Saprolegnia monoica Pringsh. ●→ Plant debris, water.
Saprolegnia parasitica Coker ●→ Plant debris, water.
Saprolegnia pseudocrustosa A. Lund ●→ Plant debris.
Saprolegnia terrestris Cookson ex R.L. Seym. ●→ Plant debris.
Saprolegnia torulosa → ***Isoachlya torulosa***
Saprolegnia uliginosa Johanne ●→ Water.
Saprolegnia unispora (Coker & Couch) R.L. Seym. [= *Cladolegnia unispora* (Coker & Couch) Johannes] ●→ Plant debris, water.
Scoliolegnia asterophora (de Bary) M.W. Dick [= *Saprolegnia asterophora* de Bary] ●→ Plant debris.
Thraustotheca clavata (de Bary) Humphrey ●→ Plant debris, water.

PROTOZOA

AMOEBOZOA

Amaurochaete atra (Alb. & Schwein.) Rostaf. [= *Amaurochaete fuliginosa* (Sowerby) T. Macbr.] ●→ Wood of coniferous trees incl.: *Pinus sylvestris* L.

Amaurochaete fuliginosa → *Amaurochaete atra*

Arcyodes incarnata (Alb. & Schwein.) O.F. Cook [= *Lachnobolus congestus* Lister] ●→ Rotten wood of coniferous and deciduous trees incl.: *Betula pendula* Roth [= *Betula verrucosa* Ehrh.], *Picea abies* (L.) H. Karst. [= *Picea excelsa* (Lam.) Link].

Arcyria affinis Rostaf. ●→ Rotten wood of deciduous trees.

Arcyria cinerea (Bull.) Pers. ●→ Rotten wood of coniferous and deciduous trees, bark incl.: *Acer platanoides* L., *Betula pendula* Roth [= *Betula verrucosa* Ehrh.], *Carpinus betulus* L., *Picea abies* (L.) H. Karst., *Pinus sylvestris* L., *Quercus robur* L. [= *Quercus pedunculata* Hoffm.], *Tilia cordata* Mill., plant litter, mosses.

Arcyria cornuvioides → *Arcyria ferruginea*

Arcyria denudata (L.) Wettst. [= *Arcyria punicea* Pers.] ●→ Plant litter, bark, rotten wood of coniferous and deciduous trees incl.: *Alnus glutinosa* (L.) Gaertn., *Betula pendula* Roth [= *Betula verrucosa* Ehrh.], *Carpinus betulus* L., *Quercus robur* L. [= *Quercus pedunculata* Hoffm.], *Tilia cordata* Mill., mosses incl.: *Leucodon sciuroides* (Hedw.) Schwägr., fungi (rotten fruit bodies) incl.: *Ganoderma applanatum* (Pers.) Pat. [= *Fomes applanatus* (Pers.) Fr.], *Phellinus igniarius* (L.) Quél. [= *Fomes igniarius* (L.) Fr.].

Arcyria ferruginea Saut. [= *Arcyria cornuvioides* (Racib.) Krzem.] ●→ Rotten wood of coniferous and deciduous trees incl.: *Quercus robur* L. [= *Quercus pedunculata* Hoffm.], *Tilia cordata* Mill.

Arcyria imperialis (G. Lister) Yu Li & Q. Wang ●→ Rotten wood of deciduous trees.

Arcyria incarnata (Pers. ex J.F. Gmel.) Pers. ●→ Rotten wood of coniferous and deciduous trees incl.: *Betula pendula* Roth [= *Betula verrucosa* Ehrh.], *Carpinus betulus* L., *Picea abies* (L.) H. Karst.

[=*Picea excelsa* (Lam.) Link], *Pinus sylvestris* L., *Quercus robur* L.
[=*Quercus pedunculata* Hoffm.]

Arcyria nutans → ***Arcyria obvelata***

Arcyria obvelata (Oeder) Onsberg [= *Arcyria nutans* (Bull.) Grev.] ● → Rotten wood of coniferous and deciduous trees incl.: *Alnus glutinosa* (L.) Gaertn., *Picea abies* (L.) H. Karst. [= *Picea excelsa* (Lam.) Link], *Pinus sylvestris* L., *Quercus robur* L. [= *Quercus pedunculata* Hoffm.].

Arcyria oerstedtii Rostaf. ● → Rotten wood of coniferous and deciduous trees incl.: *Tilia cordata* Mill.

Arcyria pomiformis (Leers) Rostaf. ● → Bark, rotten wood of coniferous and deciduous trees incl.: *Carpinus betulus* L., *Picea abies* (L.) H. Karst., *Pinus sylvestris* L., *Quercus robur* L., *Tilia cordata* Mill.

Arcyria punicea → ***Arcyria denudata***

Badhamia foliicola Lister ● → *Picea abies* (L.) H. Karst. [= *Picea excelsa* (Lam.) Link] (rotten cones), plant litter.

Badhamia lilacina (Fr.) Rostaf. ● → Fallen twigs: *Pinus sylvestris* L., *Vaccinium oxycoccos* L., living and dead herbaceous plants, mosses: *Sphagnum* sp.

Badhamia panacea var. *conferta* → ***Badhamia panicea***

Badhamia panicea (Fr.) Rostaf. [= *Badhamia panacea* var. *conferta* Racib.] ● → Substrate not listed.

Badhamia utricularis → ***Physarum utricularare***

Barbeyella minutissima Meyl. ● → Rotten mossy wood.

Ceratiomyxa fruticulosa (O.F. Müll.) T. Macbr. var. ***fruticulosa*** [= *Ceratiomyxa fruticulosa* (O.F. Müll.) T. Macbr., *Ceratiium mucidum* (Pers.) Link] ● → Rotten wood of coniferous and deciduous trees incl.: *Acer platanoides* L., *Alnus glutinosa* (L.) Gaertn., *Betula pendula* Roth [= *Betula verrucosa* Ehrh.], *Carpinus betulus* L., *Picea abies* (L.) H. Karst. [= *Picea excelsa* (Lam.) Link], *Pinus sylvestris* L., *Populus tremula* L., *Quercus robur* L. [= *Quercus pedunculata* Hoffm.], *Tilia cordata* Mill. [= *Tilia ulmifolia* Scop.], *Ulmus glabra* Huds. [= *Ulmus campestris* L.].

Ceratiomyxa fruticulosa var. ***porioides*** (Alb. & Schwein.) G. Lister [= *Ceratiomyxa porioides* (Alb. & Schwein.) J. Schröt., *Ceratiium*

- porioides* Alb. & Schwein.] ●→ Rotten logs and trunks of *Picea abies* (L.) H. Karst. [= *Picea excelsa* (Lam.) Link] and *Pinus sylvestris* L.
- Ceratiomyxa porioides* → ***Ceratiomyxa fruticulosa*** var. *porioides*
- Ceratium mucidum* → ***Ceratiomyxa fruticulosa*** var. *fruticulosa*
- Ceratium porioides* → ***Ceratiomyxa fruticulosa*** var. *porioides*
- Collaria arcyryonema* → ***Lamproderma arcyryonema***
- Collaria elegans*** (Racib.) Dhillon & Nann.-Bremek. ex Ing [= *Comatricha elegans* (Racib.) G. Lister] ●→ Rotten wood of *Picea abies* (L.) H. Karst.
- Comatricha elegans* → ***Collaria elegans***
- Comatricha ellae*** Härk. ●→ Bark, rotten wood of *Picea abies* (L.) H. Karst. and *Pinus sylvestris* L.
- Comatricha irregularis* → ***Stemonaria irregularis***
- Comatricha laxa*** Rostaf. ●→ Rotten wood of coniferous and deciduous trees, fallen twigs incl.: *Pinus sylvestris* L.
- Comatricha nigra*** (Pers. ex J.F. Gmel.) J. Schröt. ●→ Bark, fallen branches, rotten wood of coniferous and deciduous trees incl.: *Carpinus betulus* L., *Fraxinus excelsior* L., *Picea abies* (L.) H. Karst. [= *Picea excelsa* (Lam.) Link], *Quercus robur* L.
- Comatricha papillata* → ***Enerthenema papillatum***
- Comatricha pulchella*** (C. Bab.) Rostaf. var. *pulchella* ●→ Rotten wood of coniferous and deciduous trees, mosses.
- Comatricha pulchella*** var. *fusca* (Lister) Lister ●→ Fungi: (rotten fruit body): *Ganoderma applanatum* (Pers.) Pat. [= *Fomes applanatus* (Pers.) Fr.], mosses on old log of *Quercus robur* L.
- Comatricha typhina* → ***Stemonitopsis typhina***
- Comatricha typhoides* → ***Stemonitopsis typhina***
- Craterium aureum*** (Schumach.) Rostaf. ●→ Plant debris and decaying wood incl.: *Quercus robur* L.
- Craterium leucocephalum*** (Pers. ex J.F. Gmel.) Ditmar ●→ Rotten wood, branches, twigs, bark, leaves incl.: *Alnus glutinosa* (L.) Gaertn., *Carpinus betulus* L., *Pinus sylvestris* L., *Rubus idaeus* L. *Ulmus glabra* Huds. [= *Ulmus campestris* L.], plant litter, dead and live stems of herbaceous plants incl.: *Ranunculus* sp., *Urtica dioica* L., *Veronica beccabunga* L., mosses.

- Craterium minutum*** (Leers) Fr. ●→ Wood, dead bark, branches and leaves incl.: *Alnus glutinosa* (L.) Gaertn., *Corylus avellana* L., *Picea abies* (L.) H. Karst. [= *Picea excelsa* (Lam.) Link], *Pinus sylvestris* L., *Rubus idaeus* L., plant litter, live and dead stems of herbaceous plants incl.: *Circaea lutetiana* L., *Oxalis acetosella* L., horsetails: *Equisetum sylvaticum* L., ferns: *Pteridium aquilinum* (L.) Kuhn.
- Cribraria argillacea*** (Pers.ex J.F. Gmel.) Pers. ●→ Rotten wood of coniferous and deciduous trees incl.: *Picea abies* (L.) H. Karst. [= *Picea excelsa* (Lam.) Link].
- Cribraria aurantiaca*** Schrad ●→ Rotten wood incl.: *Picea abies* (L.) H. Karst. [= *Picea excelsa* (Lam.) Link], *Pinus sylvestris* L.
- Cribraria cancellata*** (Batsch) Nann.-Bremek. var. ***cancellata*** [= *Dictydium cancellatum* (Batsch) T. Macbr.] ●→ Rotten wood of coniferous and deciduous trees incl.: *Picea abies* (L.) H. Karst. [= *Picea excelsa* (Lam.) Link], *Pinus sylvestris* L., *Quercus robur* L.
- Cribraria dictydioides* → ***Cribraria intricata***
- Cribraria ferruginea*** Meyl. ●→ Rotten wood of coniferous and deciduous trees incl.: *Pinus sylvestris* L.
- Cribraria intricata*** Schrad. [= *Cribraria dictydioides* Cooke & Balf. f. ex Masee] ●→ Rotten wood of coniferous and deciduous trees incl.: *Picea abies* L. [= *Picea excelsa* (Lam.) Link], *Pinus sylvestris* L.
- Cribraria macrocarpa*** Schrad. ●→ Rotten wood of coniferous and deciduous trees.
- Cribraria piriformis*** Schrad. ●→ Rotten wood of coniferous and deciduous trees incl.: *Picea abies* (L.) H. Karst.
- Cribraria purpurea*** Schrad. ●→ Rotten wood of coniferous and deciduous trees incl.: *Picea abies* (L.) H. Karst. [= *Picea excelsa* (Lam.) Link], *Quercus robur* L. [= *Quercus pedunculata* Hoffm.].
- Cribraria rufa*** (Roth) Rostaf. ●→ Rotten wood of coniferous and deciduous trees incl.: *Picea abies* (L.) H. Karst. [= *Picea excelsa* (Lam.) Link], *Pinus sylvestris* L., *Quercus robur* L. [= *Quercus pedunculata* Hoffm.].
- Cribraria tenella*** Schrad. ●→ Rotten wood of coniferous and deciduous trees incl.: *Picea abies* (L.) H. Karst. [= *Picea excelsa* (Lam.) Link], *Pinus sylvestris* L.

Cribraria vulgaris Schrad. ●→ Rotten wood of coniferous and deciduous trees.

Diachea leucopodia (Bull.) Rostaf. ●→ Rotten bark, twigs, leaves, wood of coniferous and deciduous trees incl.: *Alnus glutinosa* (L.) Gaertn., *Betula pendula* Roth [=*Betula verrucosa* Ehrh.], *Betula* sp., *Carpinus betulus* L., *Populus tremula* L., *Quercus robur* L. [=*Quercus pedunculata* Hoffm.], *Rubus idaeus* L., plant litter, stems of herbaceous plants incl.: *Circaea alpina* L., *Galium odoratum* (L.) Scop. [=*Asperula odorata* L.], *Oxalis acetosella* L., *Urtica dioica* L., *Vaccinium myrtillus* L., ferns: *Pteridium aquilinum* (L.) Kuhn, mosses incl.: *Hylocomium splendens* (Hedw.) Schimp., *Leucodon sciurioides* (Hedw.) Schwägr., liverworts: *Plagiochila asplenioides* L. (Dumort.), fungi (fruit body): *Bjerkandera adusta* (Willd.) P. Karst. [=*Polyporus adustus* (Willd.) Fr.].

Dictydiaethalium plumbeum (Schumach.) Rostaf. ex Lister ●→ Rotten wood and bark of deciduous trees incl.: *Betula pendula* Roth [=*Betula verrucosa* Ehrh.]

Dictydium cancellatum → ***Cribraria cancellata*** var. ***cancellata***

Diderma deplanatum Fr. [=*Diderma niveum* subsp. *deplanatum* (Fr.) G. Lister] ●→ Rotten leaves, bark incl.: *Quercus robur* L., mosses incl.: *Leucodon sciurioides* (Hedw.) Schwägr.

Diderma globosum Pers. ●→ Rotten wood of coniferous and deciduous trees, bark of rotten log, dead twigs, fallen leaves incl.: *Carpinus betulus* L., mosses, logs.

Diderma niveum (Rostaf.) T. Macbr. ●→ Rotten wood.

Diderma niveum subsp. *deplanatum* → ***Diderma deplanatum***

Diderma radiatum (L.) Morgan ●→ Rotten wood of coniferous and deciduous trees, bark, dead branches incl.: *Carpinus betulus* L., *Picea abies* (L.) H. Karst. [=*Picea excelsa* (Lam.) Link], *Pinus sylvestris* L., *Quercus robur* L. [=*Quercus pedunculata* Hoffm.].

Diderma spumarioides (Fr.) Fr. ●→ Rotten leaves, twigs incl.: *Alnus glutinosa* (L.) Gaertn., mosses.

Diderma testaceum (Schrad.) Pers. ●→ Rotten leaves, stems of herbaceous plants, twigs, rotten wood of deciduous trees, mosses.

Didymium clavus (Alb. & Schwein.) Rabenh. ●→ Rotten wood and bark of deciduous trees, leaves, mosses incl.: *Hypnum cupressiforme* Hedw.

Didymium compalatum → *Didymium serpula*

Didymium difforme (Pers.) Gray ●→ Rotten wood, stems of herbaceous plants, decaying plant debris, ferns (decaying leaves): *Pteridium aquilinum* (L.) Kuhn.

Didymium iridis (Ditmar) Fr. [= *Didymium nigripes* var. *xanthopus* (Ditmar) Lister, *Didymium xanthopus* (Ditmar) Fr.] ●→ Dead grass stems, mosses: *Sphagnum* sp.

Didymium melanospermum (Pers.) T. Macbr. ●→ Wood and bark of coniferous and deciduous trees, fallen twigs, cones, plant litter incl.: *Carpinus betulus* L., *Picea abies* (L.) H. Karst. [= *Picea excelsa* (Lam.) Link], *Quercus robur* L. [= *Quercus pedunculata* Hoffm.], leaves of *Oxalis acetosella* L., mosses incl.: *Polytrichum commune* Hedw.

Didymium minus (Lister) Morgan ●→ Rotten wood and bark of deciduous trees, fallen leaves, twigs, grasses, mosses.

Didymium nigripes (Link) Fr. ●→ Fallen leaves, twigs incl.: *Betula* sp., *Carpinus betulus* L., *Pinus sylvestris* L., rotting straw, mosses on stumps of coniferous and deciduous trees.

Didymium nigripes var. *xanthopus* → *Didymium iridis*

Didymium serpula Fr. [= *Didymium compalatum* Rost.] ●→ Bark of *Alnus glutinosa* (L.) Gaertn., rotting leaves, plant litter.

Didymium squamulosum (Alb. & Schwein.) Fr. & Palmquist ●→ Herbaceous plants, rotting leaves, bark, wood incl.: *Carpinus betulus* L., *Picea abies* (L.) H. Karst., mosses.

Didymium xanthopus → *Didymium iridis*

Echinostelium minutum de Bary ●→ Bark: *Picea abies* (L.) H. Karst., *Pinus sylvestris* L.

Enerthenema papillatum (Pers.) Rostaf. [= *Comatricha papillata* (Pers.) J. Schröt.] ●→ Rotten wood and bark of coniferous and deciduous trees incl.: *Picea abies* (L.) H. Karst., *Pinus sylvestris* L., *Quercus robur* L.

Enteridium olivaceum → *Reticularia olivacea*

Fuligo leviderma H. Neubert, Nowotny & K. Baumann ●→ Bark and wood of coniferous and deciduous trees, mosses.

- Fuligo muscorum*** Alb. & Schwein. ●→ Rotten bark and wood of coniferous and deciduous trees, mosses: *Polytrichum commune* Hedw.
- Fuligo septica*** (L.) F.H. Wigg. var. ***candida*** (Pers.) R.E. Fr. ●→ Rotten wood and bark of coniferous and deciduous trees.
- Fuligo septica*** (L.) F.H. Wigg. var. ***septica*** ●→ Rotten wood and bark of coniferous and deciduous trees, fallen leaves, plant litter, mosses.
- Hemiarcyria rubiformis* → ***Metatrichia vesparium***
- Hemitrichia abietina*** (Wigand) G. Lister ●→ Rotten wood of coniferous and deciduous trees.
- Hemitrichia calyculata*** (Speg.) M.L. Farr [= *Hemitrichia ?stipitata* Massee] ●→ Substrate not listed
- Hemitrichia clavata*** (Pers.) Rostaf. ●→ Bark and wood of coniferous and deciduous trees incl.: *Betula pendula* Roth [= *Betula verrucosa* Ehrh.], *Carpinus betulus* L., *Populus tremula* L., *Quercus robur* L. [= *Quercus pedunculata* Hoffm.].
- Hemitrichia intorta*** (Lister) Lister ●→ *Carpinus betulus* L. (rotten log).
- Hemitrichia serpula*** (Scop.) Rostaf. ●→ Rotten wood of coniferous and deciduous trees, incl: *Carpinus betulus* L. (mossy, rotten trunk), *Quercus robur* L. [= *Quercus pedunculata* Hoffm.] (rotten trunk).
- Hemitrichia ?stipitata* → ***Hemitrichia calyculata***
- Hemitrichia vesparium* → ***Metatrichia vesparium***
- Lachnobolus congestus* → ***Arcyodes incarnata***
- Lamproderma arcyrioides*** (Sommerf.) Rostaf. [= *Lamproderma violaceum* Rostaf.] ●→ Rotten wood, plant litter, mosses on old log of *Quercus robur* L. [= *Quercus pedunculata* Hoffm.].
- Lamproderma arcyrionema*** Rostaf. [= *Collaria arcyrionema* (Rostaf.) Nann.-Bremek. ex Lado] ●→ *Carpinus betulus* L. (fallen fruits, leaves), rotten wood of coniferous and deciduous trees incl.: *Picea abies* (L.) H. Karst., *Pinus sylvestris* L., *Tilia cordata* Mill.
- Lamproderma columbinum*** (Pers.) Rostaf. ●→ Rotten wood of coniferous and deciduous trees incl.: *Betula* sp., *Picea abies* (L.) H. Karst. [= *Picea excelsa* (Lam.) Link], *Quercus robur* L. [= *Quercus pedunculata* Hoffm.], mosses on logs.
- Lamproderma violaceum* → ***Lamproderma arcyrioides***

Leocarpus fragilis (Dicks.) Rostaf. ●→ Rotten wood, bark, trunks, branches, twigs incl.: *Acer platanoides* L., *Carpinus betulus* L., *Pinus sylvestris* L., *Quercus robur* L. [=*Quercus pedunculata* Hoffm.], plant litter, stems of live plants incl.: *Stellaria holostea* L., ferns: *Pteridium aquilinum* (L.) Kuhn, mosses incl.: *Leucodon sciuroides* (Hedw.) Schwägr., *Polytrichum commune* Hedw., lichens: *Lobaria pulmonaria* (L.) Hoffm. [=*Sticta pulmonaria* (L.) Birolí], *Peltigera canina* (L.) Willd.

Lepidoderma tigrinum (Schrad.) Rostaf. ●→ Rotten, mossy wood of coniferous and deciduous trees incl.: *Picea abies* (L.) H. Karst. [=*Picea excelsa* (Lam.) Link], *Pinus sylvestris* L., *Quercus robur* L. [=*Quercus pedunculata* Hoffm.].

Licea biformis Morgan var. *biformis* ●→ Rotten wood of deciduous tree.

Licea minima Fr. ●→ Bark and rotten wood of coniferous and deciduous trees incl.: *Carpinus betulus* L., *Picea abies* (L.) H. Karst., *Pinus sylvestris* L., *Quercus robur* L.

Licea pusilla Schrad. ●→ Rotten wood of coniferous and deciduous trees.

Licea variabilis Schrad. ●→ Rotten wood of coniferous and deciduous trees incl.: *Pinus sylvestris* L.

Lindbladia effusa → ***Lindbladia tubulina***

Lindbladia tubulina Fr. [=*Lindbladia effusa* (Ehrenb.) Rostaf.] ●→ Rotten wood of coniferous and deciduous trees (trunks, logs) incl.: *Picea abies* (L.) H. Karst. [=*Picea excelsa* (Lam.) Link], *Quercus robur* L. [=*Quercus pedunculata* Hoffm.], needles, plant debris, mosses.

Lycogala confusum Nann.-Bremek. ex Ing ●→ Rotten wood of coniferous and deciduous trees.

Lycogala conicum Pers. ●→ Rotten wood of coniferous and deciduous trees incl.: *Carpinus betulus* L. (mossy, rotten trunk).

Lycogala epidendrum (L.) Fr. ●→ Rotten wood of coniferous and deciduous trees, trunks, logs incl.: *Acer platanoides* L., *Alnus glutinosa* (L.) Gaertn., *Betula pendula* Roth [=*Betula verrucosa* Ehrh.], *Carpinus betulus* L., *Fraxinus excelsior* L., *Picea abies* (L.) H. Karst. [=*Picea excelsa* (Lam.) Link], *Pinus sylvestris* L., *Populus tremula* L., *Quercus robur* L. [=*Quercus pedunculata* Hoffm.], *Tilia cordata* Mill., plant

- debris, mosses, fungi (rotten fruit body): *Ganoderma applanatum* (Pers.) Pat. [= *Fomes applanatus* (Pers.) Fr.].
- Lycogala exiguum*** Morgan ●→ Rotten wood of coniferous and deciduous trees.
- Lycogala flavofuscum*** (Ehrenb.) Rostaf. ●→ Bark, trunks, logs of deciduous trees incl.: *Carpinus betulus* L.
- Metatrachia floriformis*** (Schwein.) Nann.-Bremek. [= *Trichia botritis* (J.F. Gmel.) Pers. var. *lateritia* (Lév.) Lister, *Trichia floriformis* (Schwein.) G. Lister] ●→ Rotten wood of coniferous and deciduous trees, trunks, logs incl.: *Betula pendula* Roth [= *Betula verrucosa* Ehrh.], *Carpinus betulus* L., *Picea abies* (L.) H. Karst. [= *Picea excelsa* (Lam.) Link], *Quercus robur* L. [= *Quercus pedunculata* Hoffm.].
- Metatrachia vesparium*** (Batsch) Nann.-Bremek. ex G.W. Martin & Alexop. [= *Hemiarcyria rubiformis* (Pers.) Rostaf., *Hemitruchia vesparium* (Batsch) T. Macbr.] ●→ Rotten wood of coniferous and deciduous trees incl.: *Alnus glutinosa* (L.) Gaertn., *Betula pendula* Roth [= *Betula verrucosa* Ehrh.], *Carpinus betulus* L., *Picea abies* (L.) H. Karst. [= *Picea excelsa* (Lam.) Link], mosses on logs.
- Mucilago crustacea*** F.H. Wigg. [= *Spumaria alba* (Bull.) DC. *Spumaria spongiosa* (Leyss.) E. Jahn] ●→ Rotten wood, fallen branches, twigs, leaves incl.: *Alnus glutinosa* (L.) Gaertn., *Corylus avellana* L. *Rubus idaeus* L., stems of herbaceous plants.
- Perichaena chryso sperma*** (Curr.) Lister ●→ Rotten wood and bark of coniferous and deciduous trees, incl.: *Pinus sylvestris* L., *Quercus robur* L.
- Perichaena corticalis*** (Batsch) Rostaf. ●→ Rotten wood and bark of deciduous trees incl.: *Populus tremula* L.
- Perichaena vermicularis*** (Schwein.) Rostaf. ●→ Mossy trunk of deciduous tree (among plant debris).
- Physarum album*** (Bull.) Chevall. ●→ Bark and wood of coniferous and deciduous trees, trunks, logs, dead twigs incl.: *Betula pendula* Roth [= *Betula verrucosa* Ehrh.], *Carpinus betulus* L., *Picea abies* (L.) H. Karst. [= *Picea excelsa* (Lam.) Link], *Pinus sylvestris* L., fallen leaves, stems of herbaceous plants, mosses, fungi: *Corticium* sp.

- Physarum bivalve* Pers. ●→ Fallen needles and twigs of *Picea abies* (L.) H. Karst., fallen twigs, plant litter, stems of herbaceous plants, mosses.
- Physarum cinereum* (Batsch) Pers. ●→ Bark, rotten leaves and wood incl.: *Alnus glutinosa* (L.) Gaertn.
- Physarum citrinum* Schumach. ●→ Wood of coniferous and deciduous trees, fallen twigs, rotten leaves, mosses.
- Physarum compressum* Alb. & Schwein. ●→ Bark and wood of coniferous and deciduous trees incl.: *Carpinus betulus* L., rotten leaves, plants.
- Physarum connatum* → *Physarum notabile*
- Physarum contextum* (Pers.) Pers. ●→ Live trees, rotten wood, fallen bark incl.: *Carpinus betulus* L., plant debris.
- Physarum leucophaeum* Fr. & Palmquist [= *Physarum nutans* var. *leucophaeum* (Fr.) Lister] ●→ Rotten wood of coniferous and deciduous trees incl.: *Carpinus betulus* L. (bark), plant litter.
- Physarum leucopus* Link ●→ Bark of deciduous mossy trees, rotten wood, plant litter, mosses: *Leucodon sciuroides* (Hedw.) Schwägr.
- Physarum notabile* T. Macbr. [= *Physarum connatum* (Peck) G. Lister] ●→ Rotten wood of coniferous and deciduous trees incl.: *Carpinus betulus* L.
- Physarum nutans* var. *leucophaeum* → *Physarum leucophaeum*
- Physarum polonicum* Skup. ●→ *Populus tremula* L. (bark).
- Physarum psittacinum* Ditmar ●→ Substrate not listed.
- Physarum sinuosum* (Bull.) Weinm. ●→ Rotten bark of *Quercus robur* L., rotten wood, stems of herbaceous plants, mosses incl.: *Polytrichum commune* Hedw.
- Physarum sulphureum* Alb. & Schwein. ●→ Bark and wood of coniferous and deciduous trees, rotten leaves incl.: *Quercus robur* L.
- Physarum utriculare* (Bull.) Chevall. [= *Badhamia utricularis* (Bull.) Berk.] ●→ Substrate not listed.
- Physarum virescens* Ditmar ●→ Rotten wood of deciduous trees, plant litter, plant debris, ?*Pulmonaria officinalis* L. (live leaves).
- Physarum viride* (Bull.) Pers. ●→ Rotten wood of coniferous and deciduous trees incl.: *Quercus robur* L. [= *Quercus pedunculata* Hoffm.] (trunk).

- Physarum viride* var. *aurantium* (Bull.) Lister ●→ Rotten wood of deciduous tree.
- Physarum viride* var. *incanum* Lister ●→ *Quercus robur* L. (rotten wood).
- Reticularia lycoperdon* Bull. ●→ Rotten wood of coniferous and deciduous trees, trunks, logs, twigs incl.: *Betula pendula* Roth [=*Betula verrucosa* Ehrh.], *Carpinus betulus* L.
- Reticularia olivacea* (Ehrenb.) Fr. [=*Enteridium olivaceum* Ehrenb.] ●→ Rotten wood of coniferous and deciduous trees, fallen twigs, wet grasses and sedges, fungi (rotten fruit body): *Ganoderma applanatum* (Pers.) Pat. [=*Fomes applanatus* (Pers.) Fr.].
- Reticularia splendens* Morgan ●→ *Picea abies* (L.) H. Karst. (rotten wood).
- Spumaria alba* → *Mucilago crustacea*
- Spumaria spongiosa* → *Mucilago crustacea*
- Stemonaria irregularis* (Rex) Nann.-Bremek., R. Sharma & Y. Yamam. [=*Comatricha irregularis* Rex] ●→ Rotten wood of coniferous and deciduous trees, trunks incl.: *Carpinus betulus* L.
- Stemonaria longa* (Peck) Nann.-Bremek., R. Sharma & Y. Yamam ●→ Rotten wood of deciduous trees incl.: *Alnus glutinosa* (L.) Gaertn.
- Stemonitis axifera* (Bull.) T. Macbr. ●→ Rotten wood of coniferous and deciduous trees, trunks, logs incl.: *Alnus glutinosa* (L.) Gaertn., *Carpinus betulus* L., *Picea abies* (L.) H. Karst., *Pinus sylvestris* L., *Quercus robur* L. [=*Quercus pedunculata* Hoffm.], mosses.
- Stemonitis ferruginea* var. *smithii* → *Stemonitis smithii*
- Stemonitis flavogenita* E. Jahn ●→ Rotten wood, bark, trunks and leaves of coniferous and deciduous trees incl.: *Carpinus betulus* L., *Picea abies* (L.) H. Karst., *Pinus sylvestris* L., *Quercus robur* L. [=*Quercus pedunculata* Hoffm.], *Tilia cordata* Mill., mixed plant litter, ferns: *Gymnocarpium dryopteris* (L.) Newman [=*Phegopteris dryopteris* (L.) Fée].
- Stemonitis fusca* Roth ●→ Rotten wood of coniferous and deciduous trees, trunks incl.: *Carpinus betulus* L., *Picea abies* (L.) H. Karst. [=*Picea excelsa* (Lam.) Link], *Pinus sylvestris* L., *Quercus robur* L. [=*Quercus pedunculata* Hoffm.], *Tilia cordata* Mill., mixed plant litter, mosses.

Stemonitis fusca var. *rufescens* Lister ●→ Wood of coniferous and deciduous trees, mosses.

Stemonitis hyperopta → *Stemonitopsis hyperopta*

Stemonitis smithii T. Macbr. [= *Stemonitis ferruginea* Ehrenb. var. *smithii* (T. Macbr.) G. Lister] ●→ Rotten wood of coniferous and deciduous trees incl.: *Quercus robur* L.

Stemonitis splendens Rostaf. ●→ Rotten wood of coniferous and deciduous trees incl.: *Betula* sp., *Picea abies* (L.) H. Karst., *Pinus sylvestris* L.

Stemonitopsis hyperopta (Meyl.) Nann.-Bremek. [= *Stemonitis hyperopta* Meyl.] ●→ Rotten wood of coniferous and deciduous trees incl.: *Alnus glutinosa* (L.) Gaertn., *Carpinus betulus* L., *Picea abies* (L.) H. Karst., mosses.

Stemonitopsis typhina (F.H. Wigg.) Nann.-Bremek. [= *Comatricha typhina* (Roth) Rostaf., *Comatricha typhoides* (Bull.) Rostaf.] ●→ Rotten wood of coniferous and deciduous trees incl.: *Alnus glutinosa* (L.) Gaertn., *Betula pendula* Roth [= *Betula verrucosa* Ehrh.] (logs), *Carpinus betulus* L., *Picea abies* (L.) H. Karst., *Quercus robur* L. [= *Quercus pedunculata* Hoffm.] (logs).

Trichia affinis de Bary ●→ Rotten wood of coniferous and deciduous trees, bark, twigs incl.: *Betula pendula* Roth [= *Betula verrucosa* Ehrh.] (log), *Carpinus betulus* L., *Picea abies* (L.) H. Karst.

Trichia botrytis (J.F. Gmel.) Pers. ●→ Rotten wood (logs and trunks) of coniferous and deciduous trees incl.: *Betula pendula* Roth [= *Betula verrucosa* Ehrh.], *Carpinus betulus* L., *Picea abies* (L.) H. Karst. [= *Picea excelsa* (Lam.) Link] (logs), *Quercus robur* L. [= *Quercus pedunculata* Hoffm.].

Trichia botrytis var. *lateritia* → *Metatrachia floriformis*

Trichia chryosperma → *Trichia favoginea*

Trichia contorta (Ditmar) Rostaf. ●→ Wood and bark of coniferous and deciduous trees incl.: *Alnus glutinosa* (L.) Gaertn., *Betula pendula* Roth [= *Betula verrucosa* Ehrh.], *Carpinus betulus* L., *Picea abies* (L.) H. Karst.

Trichia crateriformis G.W. Martin ●→ Rotten wood of coniferous and deciduous trees incl.: *Carpinus betulus* L., *Picea abies* (L.) H. Karst.

Trichia decipiens (J.F. Gmel.) Pers. var. ***decipiens*** ●→ Rotten wood (branches, logs, trunks) of coniferous and deciduous trees incl.: *Alnus glutinosa* (L.) Gaertn., *Betula pendula* Roth [=*Betula verrucosa* Ehrh.], *Carpinus betulus* L., *Picea abies* (L.) H. Karst., *Pinus sylvestris* L., *Quercus robur* L. [=*Quercus pedunculata* Hoffm.], *Tilia cordata* Mill.

Trichia decipiens var. ***olivacea*** (Meyl.) Meyl. ●→ Wood of coniferous and deciduous trees.

Trichia favoginea (Batsch) Pers. [=*Trichia chrysosperma* Bull.] ●→ Rotten wood and bark (logs, trunks) of coniferous and deciduous trees incl.: *Alnus glutinosa* (L.) Gaertn., *Betula pendula* Roth [=*Betula verrucosa* Ehrh.], *Carpinus betulus* L., *Picea abies* (L.) H. Karst. [=*Picea excelsa* (Lam.) Link], *Pinus sylvestris* L., *Quercus robur* L. [=*Quercus pedunculata* Hoffm.].

Trichia floriformis → ***Metatrichia floriformis***

Trichia lutescens (Lister) Lister ●→ *Alnus glutinosa* (L.) Gaertn. (rotten wood).

Trichia persimilis P. Karst. ●→ Rotten wood and bark (trunks, logs) of coniferous and deciduous trees incl.: *Alnus glutinosa* (L.) Gaertn., *Betula pendula* Roth [=*Betula verrucosa* Ehrh.] (under bark of rotten trunks), *Betula* sp., *Carpinus betulus* L., *Picea abies* (L.) H. Karst. [=*Picea excelsa* (Lam.) Link], *Populus tremula* L. (under bark of rotten log), *Quercus robur* L. [=*Quercus pedunculata* Hoffm.], *Tilia cordata* Mill., fallen twigs, mosses.

Trichia scabra Rostaf. ●→ Wood and bark of trunks of coniferous and deciduous trees incl.: *Betula pendula* Roth [=*Betula verrucosa* Ehrh.], *Carpinus betulus* L., *Quercus robur* L. [=*Quercus pedunculata* Hoffm.], mosses.

Trichia varia (Pers. ex J.F. Gmel.) Pers. ●→ Wood of coniferous and deciduous trees (rotten trunks, logs) incl.: *Acer platanoides* L., *Alnus glutinosa* (L.) Gaertn., *Betula pendula* Roth [=*Betula verrucosa* Ehrh.], *Carpinus betulus* L., *Fraxinus excelsior* L., *Pinus sylvestris* L., *Populus tremula* L., *Quercus robur* L., *Tilia cordata* Mill.; mixed plant litter, mosses.

Tubifera ferruginosa (Batsch) J.F. Gmel [=*Tubulifera arachnoidea* Jacq., *Tubulina cylindrica* (Bull.) DC.] ●→ Wood of coniferous and deciduous trees (trunks, logs) incl.: *Alnus glutinosa* (L.) Gaertn., *Carpinus betulus* L., *Picea abies* (L.) H. Karst. [=*Picea excelsa* (Lam.) Link], *Pinus sylvestris* L., *Quercus robur* L., *Tilia cordata* Mill., mosses.
Tubulifera arachnoidea → ***Tubifera ferruginosa***
Tubulina cylindrica → ***Tubifera ferruginosa***

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