

Checklist of the lichenized and lichenicolous fungi in Bulgaria

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Abstract. A checklist of all taxa of lichenized and lichenicolous fungi recorded from Bulgaria is presented. The lichen biota as currently known includes 1137 taxa (1115 species, 5 subspecies, and 17 varieties) of lichenized fungi, 46 species of lichenicolous fungi, and 28 non-lichenized fungi traditionally included in lichenological literature. *Lepra corallina* is reported for the first time from Bulgaria. An index of synonyms based on literature records from Bulgaria is appended. It includes 1761 infrageneric names.

Key words: biodiversity, Bulgaria, fungal diversity, lichenicolous fungi, lichenized fungi

Introduction

In 2005, a catalogue of the lichenized and lichenicolous fungi in Bulgaria was published by Mayrhofer et al. In the present checklist, all new data accumulated in the past eighteen years were incorporated and the listing and status of some taxa were reassessed based on the current knowledge. The checklist includes records on lichenized and lichenicolous fungi from 383 references and data from the public collections in Sofia and the university herbarium in Graz (GZU). Some taxa synonymized by Mayrhofer et al. (2005) are resurrected following recent taxonomic treatments. The bibliography includes fungistic papers as well as taxonomic treatments that cite specimens from Bulgaria.

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A brief history of the lichenological investigations in Bulgaria was presented in the catalogue published by Mayrhofer et al. (2005). The appearance of the catalogue in 2005 definitely stimulated research of both Bulgarian and foreign lichenologists on the study of lichenized fungi in Bulgaria. During this period, numerous papers, related to lichenized or lichenicolous fungi in Bulgaria, or taxonomic treatments citing specimens from Bulgaria have been published: Aguirre-Hudson et al. (2005), Otte (2005), Otte et al. (2005), Denchev et al. (2006), Guttová et al. (2006, 2014, 2019, 2020), Hertel (2006), Schiefelbein (2006), Slavíková-Bayerová & Orange (2006), Titov (2006), Vondrák (2006, 2007, 2010, 2012), Vondrák & Hrouzek (2006), Vondrák & Slavíková-Bayerová (2006), Czarnota (2007), Krzewicka et al. (2007), Obermayer (2007, 2011), Slavíková-Bayerová & Fehrer (2007), Śliwa (2007, 2009), Vondrák & Šoun (2007, 2008a, b), Brodo et al. (2008, 2019), Hawksworth et al. (2008), Hertel & Leuckert (2008), Knudsen & Kocourková (2008, 2012), Lisická et al. (2008), Šoun & Vondrák (2008), Spier et al. (2008), Vondrák et al. (2008a, b, 2009a, b, c, 2011, 2012a, b, 2013, 2016, 2020), Arup & Åkelius (2009), Breuss (2009), Gaya (2009), Kukwa (2009, 2011), Randle et al. (2009), Saag et al. (2009), Stoykov (2009, 2014, 2015, 2018, 2020a, b), Cornejo & Scheidegger (2010), Farkas (2010, 2011, 2014, 2020), Ivanov (2010), Lendemmer et al. (2010), Rosato & Arup (2010), Şenkardeşler (2010a, b), Roux et al. (2011), Šoun et al. (2011), Atanassova & Mayrhofer (2012), Gaya et al. (2012), Krzewicka (2012), Scheidegger et al. (2012), Schmitt et al. (2012), Widmer et al. (2012), Wilk (2012), Arup et al. (2013), Nikolova et al. (2013), Pedashenko et al. (2013), Shivarov (2013, 2017, 2019), Shivarov & Stoykov (2013), Tehler et al. (2013), Hafellner et al. (2014), Muggia et al. (2014a, b), Shivarov & Lőkös (2015), Frolov et al. (2016, 2021), Shivarov et al. (2016, 2017, 2018, 2021), Bancheva et al. (2017), Fačkovcová et al. (2017, 2019, 2020), Navarro-Rosinés & Roux (2017, 2018), Schultz (2017), Vladimirov et al. (2017a, b), Hafellner (2018), Gärtner et al. (2019), Gyosheva & Stoykov (2019), Voglmayr et al. (2019), Zakeri et al. (2019), Hafellner & Mayrhofer (2020), Kunev et al. (2020), Mayrhofer et al. (2020), Orange (2020), Starosta & Svoboda (2020), Malíček et al. (2021), Apostolova et al. (2022). It is worth noting studies on the *Physciaceae* (Atanassova & Mayrhofer 2012; Mayrhofer et al. 2020) and the *Verrucariaceae* (Shivarov 2015) in Bulgaria.

This paper is a further contribution to the inventory of the fungal diversity in Bulgaria, carried out by mycologists at the Institute of Biodiversity and Ecosystem Research, Sofia. We hope that the checklist will spur further research on the lichenized and lichenicolous fungi in Bulgaria.

Materials and arrangement of the catalogue

The genera and species within each genus are given in alphabetical order. The numbers within square brackets following the authors refer to the floristic regions of Bulgaria from where the taxon is reported (Fig. 1).

The abbreviation [n] is used for some species which have been published from Bulgaria (including published maps) without detailed locality information.

The specimens collected by Bulgarian authors are preserved mainly in the Mycological Collection (SOMF) at the Institute of Biodiversity and Ecosystem Research, Bulgarian Academy of Sciences. Some specimens of S. Kazandzhiev and A. Popnikolov are kept in the Herbarium of St. Kliment Ohridski Sofia University (SO), whereas some of the specimens of B. Zhelezova are in the National Museum of Natural History, Sofia.

Taxonomic judgements on unexamined specimens were avoided. A thesaurus of synonyms, including 1761 infrageneric names, is listed separately, with references to the names used in the main lists.

Lichenized fungi

Acarospora badiofusca (Nyl.) Th. Fr. [5, 8]

Acarospora bulgarica H. Magn. & Szatala [17]

Acarospora cervina A. Massal. var. *cervina* [4, 5, 7, 8, 14, 18]

Acarospora cervina var. *larvata* (Müll. Arg.) J. Steiner [7]

Acarospora fuscata (Schrad.) Arnold [5, 8, 14, 15, 17]

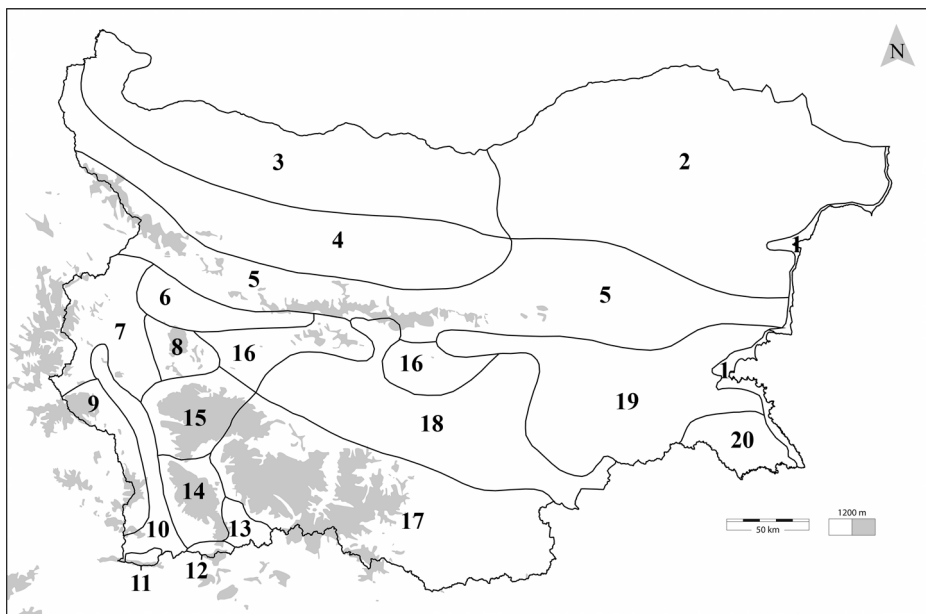


Fig. 1. Map of Bulgaria with floristic regions and mountain areas over 1200 m. Floristic regions: 1 – Black Sea coast, 2 – Northeast Bulgaria, 3 – Danubian Plain, 4 – Forebalkan, 5 – Balkan Range, 6 – Sofia region, 7 – Znepole region, 8 – Vitosha region, 9 – West Frontier Mts, 10 – Valley of River Strouma, 11 – Mt. Belasitsa, 12 – Mt. Slavyanka, 13 – Valley of River Mesta, 14 – Pirin Mts, 15 – Rila Mts, 16 – Mt. Sredna Gora, 17 – the Rhodopes, 18 – Thracian Lowland, 19 – Toundzha Hilly Country, 20 – Mt. Strandzha

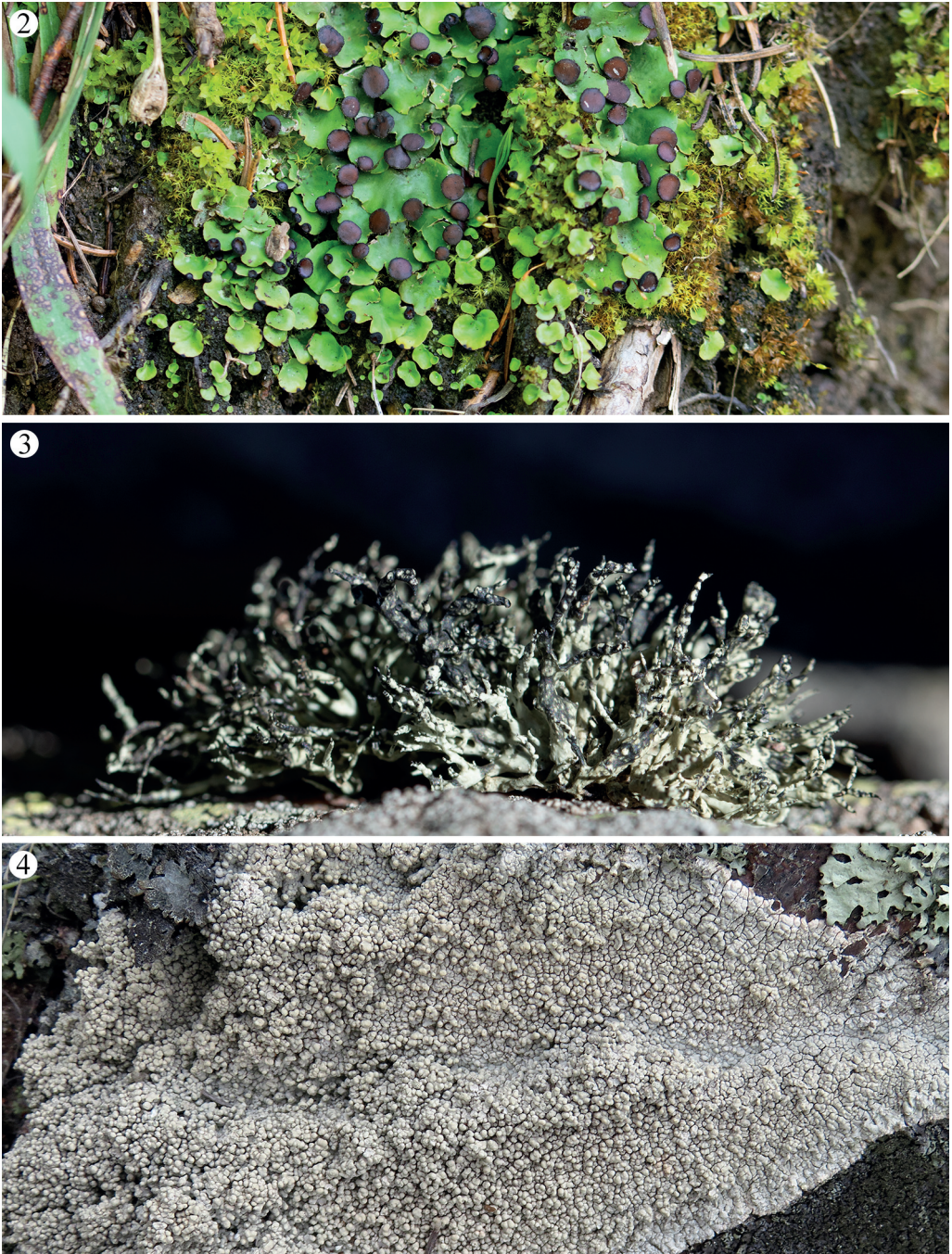


Fig. 2. *Peltigera venosa* (L.) Hoffm., Rila Mts. Fig. 3. *Ramalina carpatica* Körb., the Balkan Range. Fig. 4. *Varicellaria kasandjeffii* (Szatala) I. Schmitt & Lumbsch, the Rhodopes. Photos: V.V. Shivarov

- Acarospora gallica* H. Magn. [17]
Acarospora glaucocarpa (Ach.) Körb. [4, 5, 7, 10, 12, 14, 17]
Acarospora hospitans H. Magn. [17]
Acarospora impressula Th. Fr. [14]
Acarospora irregularis H. Magn. [17]
Acarospora macrospora (Hepp ex Nyl.) A. Massal. ex Bagl. [4, 14, 17]
Acarospora moenium (Vain.) Räsänen [4]
Acarospora nitrophila H. Magn. [15, 17]
Acarospora oligospora (Nyl.) Arnold [17]
Acarospora praeceptorum H. Magn. [15, 17]
Acarospora privigna (Ach.) A. Schneid. [5, 8, 10, 14, 17]
Acarospora sinopica (Wahlenb.) Körb. [15]
Acarospora sulphurata (Arnold) Arnold [14]
Acarospora veronensis A. Massal. [1, 4, 5, 6, 15, 17, 18]
- Acolium inquinans* (Sm.) A. Massal. [17]
Acolium sessile (Pers.) Arnold [10]
- Acrocordia cavata* (Ach.) R.C. Harris [20]
Acrocordia conoidea (Fr.) Körb. [7]
Acrocordia gemmata (Ach.) A. Massal. [1, 5, 14, 20]
Acrocordia salweyi (Leight. ex Nyl.) A.L. Sm. [2]
- Adelolecia kolaensis* (Nyl.) Hertel & Rambold [8]
- Agonimia globulifera* M. Brand & Diederich [17]
Agonimia opuntiella (Buschardt & Poelt) Vězda [17]
Agonimia tristicula (Nyl.) Zahlbr. [4, 5, 17]
- Ainoa mooreana* (Carroll) Lumbsch & I. Schmitt [14]
- Alectoria ochroleuca* (Hoffm.) A. Massal. [5, 15, 17]
Alectoria sarmentosa (Ach.) Ach. [14, 15, 17]
Alectoria subprolixa (Nyl.) Motyka [15]
- Allantoparmelia alpicola* (Th. Fr.) Essl. [5, 8, 15]
- Alyxoria subelevata* (Nyl.) Ertz & Tehler [1]
Alyxoria varia (Pers.) Ertz & Tehler [1, 2, 5, 8, 14, 17, 20]
- Amandinea punctata* (Hoffm.) Coppins & Scheid. [1, 2, 4, 5, 6, 7, 8, 9, 10, 14, 15, 16, 17, 18, 20]
- Anaptychia ciliaris* (L.) Flot. [1, 2, 4, 5, 6, 8, 10, 11, 12, 14, 15, 16, 17, 19, 20]
Anaptychia crinalis (Schleich.) Vězda [8, 5, 11, 14, 15]
Anaptychia runcinata (With.) J.R. Laundon [1]
Anaptychia setifera Räsänen [1, 14, 20]

- Anema decipiens* (A. Massal.) Forssell [4, 17]
Anema nummularium (Dufour ex Durieu & Mont.) Nyl. ex Forssell [17]
Anema tumidulum Henssen ex P.M. Jørg., M. Schultz & Guttová [17]
Anisomeridium biforme (Schaer.) R.C. Harris [20]
Arctoparmelia incurva (Pers.) Hale [18]
Arthonia atra (Pers.) A. Schneid. [1, 10, 14, 20]
Arthonia calcarea (Turner ex Sm.) Ertz & Diederich [1, 4, 12]
Arthonia calcicola Nyl. [14]
Arthonia copromya Anzi [15, 17]
Arthonia fusca (A. Massal.) Hepp [1, 8, 17]
Arthonia mediella Nyl. [14]
Arthonia radiata (Pers.) Ach. [5, 8, 14, 15, 16, 17, 20]
Arthopyrenia rhypontella (Nyl.) Hazsl. [17]
Arthopyrenia salicis A. Massal. [2]
Arthothelium spectabile A. Massal. [20]
Arthrorhaphis citrinella (Ach.) Poelt [8, 11, 14, 15]
Arthrosporum populorum A. Massal. [1]
Aspicilia candida (Anzi) Hue [17]
Aspicilia cinerea (L.) Körb. [1, 4, 5, 6, 8, 10, 14, 15, 17, 18, 20]
Aspicilia laevata (Ach.) Arnold [5, 11, 15, 17]
Aspicilia laevatoides (H. Magn.) Oxner [5]
Aspicilia obscurata (Fr. ex Nyl.) Arnold [11]
Aspicilia olivicolor (H. Magn.) Motyka (nom. inval.) [15]
Aspicilia subdepressa (Nyl.) Arnold [8]
Aspicilia verrucosa (Ach.) Körb. [14, 15, 17]
Aspicilia viridescens (A. Massal.) Hue [7]
Aspiciliella cupreoglauca (B. de Lesd.) Zakeri, Divakar & Otte [10]
Aspiciliella intermutans (Nyl.) M. Choisy [10, 14, 17]
Aspilidea myrinii (Fr.) Hafellner [8]
Athallia alnetorum (Giralt, Nimis & Poelt) Arup, Frödén & Søchting [15]
Athallia cerinella (Nyl.) Arup, Frödén & Søchting [2, 3, 17]
Athallia cerinelloides (Erichsen) Arup, Frödén & Søchting [15]
Athallia holocarpa (Hoffm.) Arup, Frödén & Søchting [1, 3, 4, 6, 8, 14, 15, 17, 18, 20]
Athallia inconnexa (Nyl.) S.Y. Kondr. & L. Lőkös [17, 18]
Athallia necator (Clauzade & Poelt) Vondrák, Halıcı, Güllü & Demirel (nom. inval.) [1]
Athallia nesodes (Poelt & Nimis) Halıcı & Vondrák (nom. inval.) [1, 17]
Athallia pyracea (Ach.) Arup, Frödén & Søchting [1, 4, 7, 8, 17]

- Athallia saxifragarum* (Poelt) Arup, Frödén & Søchting [14]
Athallia scopularis (Nyl.) Arup, Frödén & Søchting [1]
Athallia skii (Khodos., Vondrák & Šoun) Arup, Frödén & Søchting [1]
- Bacidia arceutina* (Ach.) Arnold [20]
Bacidia fraxinea Lönnr. [1, 14, 20]
Bacidia fuscoviridis (Anzi) Lettau [17]
Bacidia laurocerasi (Delise ex Duby) Zahlbr. [14]
Bacidia rosella (Pers.) De Not. [1, 2, 5, 15, 19, 20]
Bacidia rubella (Hoffm.) A. Massal. [1, 2, 5, 14, 19, 20]
Bacidia subincompta (Nyl.) Arnold [14]
- Bacidina chlorotricula* (Nyl.) Vězda & Poelt [8]
Bacidina inundata (Fr.) Vězda [17]
Bacidina neosquamulosa (Aptroot & Herk) S. Ekman [5]
Bacidina phacodes (Körb.) Vězda [14]
Bacidina sulphurella (Samp.) M. Hauck & V. Wirth [15]
- Baeomyces carneus* Flörke [14]
Baeomyces rufus (Huds.) Rebent. [4, 5, 8, 14, 15, 17, 20]
- Bagliettoa baldensis* (A. Massal.) Vězda [1, 2, 4, 5, 14, 17]
Bagliettoa calciseda (DC.) Gueidan & Cl. Roux [1, 2, 3, 4, 5, 7, 8, 12, 14, 17]
Bagliettoa limborioides A. Massal. [5]
Bagliettoa marmorea (Scop.) Gueidan & Cl. Roux [1, 2, 3, 4, 5, 7, 14, 19]
Bagliettoa parmigerella (Zahlbr.) Vězda & Poelt [4, 5]
- Bellemerea alpina* (Sommerf.) Clauzade & Cl. Roux [8, 14, 15, 17]
Bellemerea cinereorufescens (Ach.) Clauzade & Cl. Roux [8, 11, 15]
Bellemerea diamarta (Ach.) Hafellner & Cl. Roux [14]
- Bellicidia incompta* (Borrer) Kistenich, Timdal, Bendiksby & S. Ekman [5]
- Biatora beckhausii* (Körb.) Tuck. [15]
Biatora globulosa (Flörke) Fr. [14, 17]
Biatora vernalis (L.) Fr. [8]
- Biatoridium monasteriense* J. Lahm ex Körb. [5]
- Bilimbia lobulata* (Sommerf.) Hafellner & Coppins [10, 12, 14, 17]
Bilimbia sabuletorum (Schreb.) Arnold [1, 4, 5, 7, 8, 10, 14, 17]
- Blastenia ammiospila* (Wahlenb.) Arup, Søchting & Frödén [5, 7, 8, 14, 15, 17]
Blastenia crenularia (With.) Arup, Søchting & Frödén [4, 5, 10, 14, 17]
Blastenia ferruginea (Huds.) A. Massal. [1, 2, 5, 6, 7, 8, 10, 14, 15, 18]
Blastenia herbidella (Hue) Servít [1, 5, 14, 17]
Blastenia hungarica (H. Magn.) Arup, Søchting & Frödén [14, 17]

- Blastenia psychrophila* Halıcı & Vondrák [15]
Blennothallia crispa (Huds.) Otálora, P.M. Jørg. & Wedin [4, 5, 14, 17]
Brianaria sylvicola (Flot. ex Körb.) S. Ekman & M. Svenss. [15, 17]
Brodoa atrofusca (Schaer.) Goward [14]
Brodoa intestiniformis (Vill.) Goward [5, 8, 11, 14, 15]
Bryobilimbia hypnorum (Lib.) Fryday, Printzen & S. Ekman [14, 15, 17]
Bryonora castanea (Hepp) Poelt [14, 15]
Bryoplaca sinapisperma (DC.) Söchting, Frödén & Arup [5, 14]
Bryoria bicolor (Ehrh.) Brodo & D. Hawksw. [5, 15]
Bryoria capillaris (Ach.) Brodo & D. Hawksw. [5, 8, 14, 15, 17]
Bryoria chalybeiformis (L.) Brodo & D. Hawksw. [4, 5, 8, 14, 15, 17]
Bryoria fuscescens (Gyeln.) Brodo & D. Hawksw. [5, 6, 8, 11, 12, 14, 15, 16, 17]
Bryoria implexa (Hoffm.) Brodo & D. Hawksw. [8, 15, 17]
Bryoria nadvornikiana (Gyeln.) Brodo & D. Hawksw. [14]
Bryoria pellucida (Motyka) Bystrek [5, 15]
Bryoria sophiae (Motyka) Bystrek [n; Motyka 1958b]
Buellia aethalea (Ach.) Th. Fr. [10, 11, 17]
Buellia disciformis (Fr.) Mudd [5, 11, 14, 15, 17]
Buellia epigaea (Pers.) Tuck. [1, 10]
Buellia erubescens Arnold [6, 8, 14, 15, 20]
Buellia griseovirens (Turner & Borrer ex Sm.) Almb. [14, 17]
Buellia schaeferi De Not. [5]
Buellia subdisciformis (Leight.) Jatta [1]
Buellia vilis Th. Fr. [17]
Caeruleum heppii (Hepp ex Arnold) K. Knudsen & Arcadia [14, 17]
Calicium abietinum Pers. [5, 17, 20]
Calicium glaucellum Ach. [14]
Calicium salicinum Pers. [5, 14, 17, 20]
Calicium tigillare (Ach.) Pers. [14, 17]
Calicium trabinellum (Ach.) Ach. [17]
Calicium viride Pers. [14, 15, 17]
Callome multipartita (Sm.) Otálora, P.M. Jørg. & Wedin [4, 14]
Calogaya arnoldii (Wedd.) Arup, Frödén & Söchting subsp. *arnoldii* [1, 2, 17]
Calogaya arnoldii subsp. *oblitterata* (Pers.) Nimis (nom. prov. prop.) [5, 17]
Calogaya biatorina (A. Massal.) Arup, Frödén & Söchting [1, 15, 17]

- Calogaya decipiens* (Arnold) Arup, Frödén & Søchting [1, 4, 6, 8, 17, 18]
Calogaya lobulata (Flörke) Arup, Frödén & Søchting [1, 6, 14, 17]
Calogaya pusilla (A. Massal.) Arup, Frödén & Søchting [4, 5, 17]
Calogaya rouxii (Gaya, Nav.-Ros. & Llimona) Nimis (nom. prov. prop.) [8, 17]
Calogaya saxicola (Hoffm.) Vondrák [1, 2, 3, 4, 5, 6, 7, 12, 14, 17]
Calogaya schistidii (Anzi) Arup, Frödén & Søchting [14, 17]
- Caloplaca adriatica* (Zahlbr.) Servít [17]
Caloplaca anularis Clauzade & Poelt [14]
Caloplaca ceracea J.R. Laundon [1]
Caloplaca cerina (Ehrh. ex Hedw.) Th. Fr. s. lat. [1, 2, 3, 5, 6, 8, 10, 12, 14, 15, 17, 18, 19]
Caloplaca chlorina (Flot.) H. Olivier [1, 14, 17]
Caloplaca coccinea (Müll. Arg.) Poelt [14]
Caloplaca conglomerata (Bagl.) Jatta [9, 14, 17]
Caloplaca conversa (Kremp.) Jatta [17]
Caloplaca dalmatica (A. Massal.) H. Olivier [8, 12, 14, 17]
Caloplaca demissa (Körb.) Arup & Grube [1, 9, 10, 12, 17]
Caloplaca grimmiae (Nyl.) H. Olivier [1, 10, 15, 17]
Caloplaca livida (Hepp) Jatta [17]
Caloplaca lucifuga G. Thor [20]
Caloplaca monacensis (Leder.) Lettau [8, 15, 17, 20]
Caloplaca obscurella (J. Lahm ex Körb.) Th. Fr. [14, 17, 20]
Caloplaca raesaenenii Bredkina [1]
Caloplaca rubelliana (Ach.) Lojka [1, 9]
Caloplaca sterilis Šoun, Khodosovtsev, Vondrák [1]
Caloplaca stillicidiorum (Vahl) Lyngé [4, 5, 7, 14, 15, 16, 17]
Caloplaca substerilis Vondrák, Palice & van den Boom [17]
Caloplaca thracopontica Vondrák & Šoun [1]
Caloplaca turkuensis (Vain.) Zahlbr. [17]
Caloplaca ulcerosa Coppins & P. James [1]
Caloplaca vitellinaria Szatala [14]
- Calvitimela aglaea* (Sommerf.) Hafellner [8, 15]
Calvitimela armeniaca (DC.) Hafellner [8, 14, 15]
- Candelaria concolor* (Dicks.) Stein [2, 4, 5, 6, 8, 15, 17]
- Candelariella aurella* (Hoffm.) Zahlbr. [1, 4, 6, 7, 14, 15, 17]
Candelariella coralliza (Nyl.) H. Magn. [8]
Candelariella lutella (Vain.) Räsänen [17]
Candelariella medians (Nyl.) A.L. Sm. [1, 2, 4, 8, 10, 17]
Candelariella plumbea Poelt & Vězda [1]
Candelariella reflexa (Nyl.) Lettau [1, 5, 10, 17, 18]
Candelariella unilocularis (Elenkin) Nimis [17]

- Candelariella vitellina* (Hoffm.) Müll. Arg. [1, 2, 4, 5, 6, 8, 9, 10, 11, 14, 15, 16, 17]
Candelariella xanthostigma (Ach.) Lettau [1, 5, 7, 8, 10, 14, 15, 16, 17, 20]
- Carbonea atronivea* (Arnold) Hertel [8, 14]
Carbonea distans (Kremp.) Hafellner & Obermayer [8, 14, 15]
Carbonea vorticosa (Flörke) Hertel [14]
- Catapyrenium cinereum* (Pers.) Körb. [4, 5, 8, 14, 15, 17]
Catapyrenium daedaleum (Kremp.) Stein [8]
Catapyrenium psoromoides (Borrer) R. Sant. [17]
- Catillaria chalybeia* (Borrer) A. Massal. [1, 4]
Catillaria detractula (Nyl.) H. Olivier [17]
Catillaria erysiboides (Nyl.) Th. Fr. [14, 17]
Catillaria lenticularis (Ach.) Th. Fr. [4, 8, 17]
Catillaria minuta (A. Massal.) Lettau [12]
Catillaria nigroclavata (Nyl.) J. Steiner [2, 20]
- Cetraria aculeata* (Schreb.) Fr. [1, 4, 5, 6, 8, 10, 11, 14, 15, 16, 17, 19]
Cetraria commixta (Nyl.) Th. Fr. [14]
Cetraria ericetorum Opiz [4, 5, 8, 14, 15, 17]
Cetraria islandica (L.) Ach. [5, 8, 9, 11, 12, 14, 15, 16, 17]
Cetraria muricata (Ach.) Eckfeldt [8, 11, 14, 15, 17]
Cetraria sepincola (Ehrh.) Ach. [8, 11, 14, 15, 17]
- Cetrelia cetrarioides* (Delise ex Duby) W.L. Culb. & C.F. Culb. [4, 5, 6, 8, 15, 20]
Cetrelia monachorum (Zahlbr.) W.L. Culb. & C.F. Culb. [5]
Cetrelia olivetorum (Nyl.) W.L. Culb. & C.F. Culb. [5, 8]
- Chaenotheca brachypoda* (Ach.) Tibell [5]
Chaenotheca chlorella (Ach.) Müll. Arg. [20]
Chaenotheca chrysocephala (Turner ex Ach.) Th. Fr. [8, 14, 15, 17]
Chaenotheca furfuracea (L.) Tibell [2, 5, 8, 11, 14, 15, 17, 20]
Chaenotheca hispidula (Ach.) Zahlbr. [20]
Chaenotheca phaeocephala (Turner) Th. Fr. (15)
Chaenotheca subroscida (Eitner) Zahlbr. [15]
Chaenotheca trichialis (Ach.) Th. Fr. [14, 15, 20]
Chaenotheca xyloxena Nádv. [17]
- Chrysothrix candelaris* (L.) J.R. Laundon [1, 2, 5, 8, 10, 11, 14, 15, 17, 18, 20]
Chrysothrix chlorina (Ach.) J.R. Laundon [4, 5, 15]
- Circinaria caesiocinerea* (Nyl. ex Malbr.) A. Nordin, Savić & Tibell [1, 4, 5, 6, 8, 10, 14, 17]
Circinaria calcarea (L.) A. Nordin, Savić & Tibell [1, 2, 4, 5, 7, 8, 12, 14, 17, 19]
Circinaria contorta (Hoffm.) A. Nordin, Savić & Tibell [4, 5, 7, 8, 12, 14, 17]

Circinaria hoffmanniana (S. Ekman & Fröberg ex R. Sant.) A. Nordin [4, 5]. This species was reported by Szatala (1929: 91, as '*Aspicilia hoffmannii*' and '*A. caesioalba*'). These records were treated by Mayrhofer et al. (2005) as '*A. contorta* subsp. *hoffmanniana*'.

Cladonia amaurocraea (Flörke) Schaer. [15]

Cladonia arbuscula (Wallr.) Flot., s. lat. [5, 8, 14, 15, 17]

Cladonia arbuscula subsp. *arbuscula* [8]

Cladonia borealis S. Stenroos [5]

Cladonia caespiticia (Pers.) P. Gaertn., B. Mey & Scherb. [5, 20]

Cladonia cariosa (Lilj.) Spreng. [5, 6, 14, 15, 16, 17]

Cladonia carneola (Fr.) Fr. [8, 15]

Cladonia cenotea (Ach.) Schaer. [7, 14, 15]

Cladonia cervicornis (Ach.) Flot. [17, 18]

Cladonia chlorophaea (Flörke ex Sommerf.) Spreng. [4, 5, 6, 7, 8, 13, 14, 15, 17, 19]

Cladonia ciliata Stirt. [18]

Cladonia coccifera (L.) Willd. [5, 8, 14, 15]

Cladonia coniocraea (Flörke) Spreng. [5, 8, 10, 13, 14, 15, 16, 17, 18, 20]

Cladonia convoluta (Lam.) Anders [1, 2, 5, 6, 7, 8, 9, 10, 14, 15, 16, 17, 18, 20] – s. the considerations in Nimis et al. (2018: 153)

Cladonia cornuta (L.) Baumg. [8]

Cladonia crispata (Ach.) Flot. [5, 8, 14]

Cladonia deformis (L.) Hoffm. [8, 14, 15, 17]

Cladonia digitata (L.) Hoffm. [8, 14, 15, 17]

Cladonia ecmocyna Leight. [8, 14, 15]

Cladonia fimbriata (L.) Fr. [1, 2, 4, 5, 6, 7, 8, 9, 10, 11, 14, 15, 17, 18]

Cladonia firma (Nyl.) Nyl. [10, 17]

Cladonia floerkeana (Fr.) Flörke [4, 5, 15, 18]

Cladonia foliacea (Huds.) Willd. [1, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20]

Cladonia furcata (Huds.) Schrad. [1, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20]

Cladonia glauca Flörke [5, 6, 15] (Podpěra 1911, as '*C. glauca* f. *dufourei* Del.'; Pedashenko et al. 2013, as '*C. cf. glauca*'). All records from Bulgaria are in need of confirmation.

Cladonia gracilis (L.) Willd., s. lat. [8, 14, 15, 17]

Cladonia gracilis subsp. *elongata* (Wulfen) Vain. [8, 15]

Cladonia humilis (With.) J.R. Laundon [14]

Cladonia macilenta Hoffm. [5, 6, 8, 15, 17, 20]

Cladonia macroceras (Delise) Hav. [8, 14, 15]

Cladonia macrophyllodes Nyl. [8, 14, 15]

Cladonia mitis Sandst. [8, 14, 15, 16, 17]

Cladonia ochrochlora Flörke [8, 9, 14, 15, 17]

Cladonia parasitica (Hoffm.) Hoffm. [20]

Cladonia phyllophora Hoffm. [8, 17]

Cladonia pleurota (Flörke) Schaer. [5, 15]

- Cladonia pocillum* (Ach.) Grognot [4, 5, 6, 8, 14, 15, 16, 17]
Cladonia polycarpoides Nyl. [6, 15, 18]
Cladonia portentosa (Dufour) Coem. [8, 16]
Cladonia pyxidata (L.) Hoffm. [4, 5, 7, 8, 9, 10, 12, 13, 14, 15, 17, 18, 20]
Cladonia ramulosa (With.) J.R. Laundon [5, 11, 16, 17]
Cladonia rangiferina (L.) F.H. Wigg. [5, 7, 8, 14, 15, 17]
Cladonia rangiformis Hoffm. [1, 2, 4, 5, 6, 8, 9, 10, 11, 13, 14, 15, 16, 17, 18, 19, 20]
Cladonia rei Schaer. [6, 16, 17]
Cladonia squamosa (Scop.) Hoffm. [4, 5, 6, 8, 14, 15, 16, 17, 20]
Cladonia stellaris (Opiz) Pouzar & Vězda [5, 15]
Cladonia subrangiformis Sandst. [1, 4, 5, 6, 13, 14, 15, 16, 17]
Cladonia subulata (L.) F.H. Wigg. [4, 5, 7, 8, 14, 15, 16, 17, 20]
Cladonia sulphurina (Michx.) Fr. [8, 14, 15]
Cladonia symphyocarpia (Flörke) Fr. [2, 4, 8, 14, 16, 17, 18, 19, 20]
Cladonia uncialis (L.) Weber ex F.H. Wigg. subsp. *uncialis* [5, 8, 14, 15, 18, 20]
Cladonia uncialis subsp. *biuncialis* (Hoffm.) M. Choisy [15]
Cladonia verticillata (Hoffm.) Schaer. [5, 8, 13, 14, 17]

Clauzadea chondrodes (A. Massal.) Hafellner & Türk [7]
Clauzadea immersa (Hoffm.) Hafellner & Bellem. [4, 14]
Clauzadea monticola (Ach. ex Schaer.) Hafellner & Bellem. [14]

Cliostomum griffithii (Sm.) Coppins [14]

Coenogonium pineti (Ach.) Lücking & Lumbsch [14]

Collema flaccidum (Ach.) Ach. [1, 4, 5, 7, 8, 11, 14, 15, 17, 20]
Collema furfuraceum (Arnold) Du Rietz [1, 14, 17]
Collema nigrescens (Huds.) DC. [2, 5, 11, 14, 15, 16, 17, 20]
Collema ryssoleum (Tuck.) A. Schneid. [1]
Collema subflaccidum Degel. [5, 14, 20]
Collema subnigrescens Degel. [14]

Collemopsidium adriaticum var. *crassum* Cretz. [1]

Cornicularia normoerica (Gunnerus) Du Rietz [5, 8, 11, 14, 15, 17]

Cryptothele rhodosticta (Taylor) Henssen [5]

Cystocoleus ebeneus (Dillwyn) Thwaites [15, 17]

Dacampia hookeri (Borrer) A. Massal. [14]

Dendrographa decolorans (Turner & Borrer ex Sm.) Ertz & Tehler [20]
Dendrographa latebrarum (Ach.) Ertz & Tehler

Dermatocarpon arnoldianum auct. [14, 15]

- Dermatocarpon complicatum* (Lightf.) W. Mann [1, 4, 5, 7, 8, 10, 12, 14, 15, 16, 17]
Dermatocarpon leptophyllodes (Nyl.) Zahlbr. [17]
Dermatocarpon luridum (With.) J.R. Laundon [5, 14, 15, 17]
Dermatocarpon miniatum (L.) W. Mann var. *miniatum* [1, 2, 3, 4, 5, 7, 8, 11, 12, 14, 15, 17, 18, 20]
Dermatocarpon miniatum var. *cirsodes* (Ach.) Zahlbr. [2, 3, 4, 5, 7, 8, 10, 14, 15, 17, 20]
Dermatocarpon rivulorum (Arnold) Dalla Torre & Sarnth. [15] – confirmed only for the Rila Mts (Shivarov et al. 2018)
- Dibaeis baeomyces* (L. f.) Rambold & Hertel [4, 5, 15, 17]
Dimelaena oreina (Ach.) Norman [4, 5, 6, 8, 14, 15, 17, 18]
Diploicia canescens (Dicks.) A. Massal. [1]
Diploschistes actinostoma (Ach.) Zahlbr. [1]
Diploschistes candidissimus (Kremp.) Zahlbr. [7]
Diploschistes diacapsis (Ach.) Lumbsch [7, 8, 14, 20]
Diploschistes muscorum (Scop.) R. Sant. [1, 4, 5, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17, 20]
Diploschistes scruposus (Schreb.) Norman [1, 2, 4, 5, 8, 10, 11, 12, 14, 15, 17, 19, 20]
Diplotomma alboatrum (Hoffm.) Flot. [1, 5, 8, 17]
Diplotomma chlorophaeum (Hepp ex Leight.) Kr.P. Singh & S.R. Singh [4, 5, 9, 10, 14]
Diplotomma hedinii (H. Magn.) P. Clerc & Cl. Roux [1, 2, 4, 5, 6, 7, 8, 12, 16, 17, 19]
Diplotomma pharcidium (Ach.) M. Choisy [1]
Diplotomma venustum (Körb.) Körb. [1, 4, 8, 17, 18]
- Dirina fallax* De Not. [1]
Dirina massiliensis Durieu & Mont. [1, 4, 17]
- Enchylium ligerinum* (Hy) Otálora, P.M. Jørg. & Wedin [14]
Enchylium tenax (Sw.) Gray [1, 4, 5, 12, 14, 17]
Endocarpon adscendens (Anzi) Müll. Arg. [8, 15, 17]
Endocarpon adsurgens Vain. [8]
Endocarpon pusillum Hedw. [12, 17]
Endohyalina insularis (Arnold) Giralt, van den Boom & Elix [11, 14, 15]
Enterographa zonata (Körb.) Källsten [15]
Eopyrenula leucoplaca (Wallr.) R.C. Harris [5]
Ephebe lanata (L.) Vain. [5, 8]
Erichansenia epithallina (Lyngé) S.Y. Kondr., Kärnefelt & A. Thell [14]
Evernia divaricata (L.) Ach. [5, 8, 9, 14, 15, 16, 17]

Evernia prunastri (L.) Ach. [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 20]

Farnoldia jurana (Schaer.) Hertel [12, 14]

Farnoldia micropsis (A. Massal.) Hertel [8]

Flavoparmelia caperata (L.) Hale [1, 2, 4, 5, 6, 8, 9, 10, 11, 13, 14, 15, 17, 18, 20]

Flavoparmelia soledians (Nyl.) Hale [5, 20]

Flavoplaca arcis (Poelt & Vězda) Arup, Frödén & Søchting [1]

Flavoplaca austrocitrina (Vondrák, Ríha, Arup & Søchting) Arup, Søchting & Frödén [1]

Flavoplaca calcitrapa (Nav.-Ros., Gaya & Cl. Roux) Arup, Frödén & Søchting [1]

Flavoplaca citrina (Hoffm.) Arup, Frödén & Søchting [1, 14, 17]

Flavoplaca communis (Vondrák, Ríha, Arup & Søchting) Arup, Søchting & Frödén [1]

Flavoplaca confusa (Vondrák, Ríha, Arup & Søchting) Arup, Søchting & Frödén [1]

Flavoplaca coronata (Körb.) Arup, Frödén & Søchting [4, 7, 17, 20]

Flavoplaca dichroa (Arup) Arup, Frödén & Søchting [1]

Flavoplaca flavocitrina (Nyl.) Arup, Frödén & Søchting [1, 17]

Flavoplaca granulosa (Müll.Arg.) Arup, Frödén & Søchting [4, 7, 14, 17]

Flavoplaca limonia (Nimis & Poelt) Arup, Frödén & Søchting [1]

Flavoplaca microthallina (Wedd.) Arup, Frödén & Søchting [1]

Flavoplaca nigromarina (Vondrák, Ríha, Arup & Søchting) Arup, Søchting & Frödén [1]

Flavoplaca oasis (A. Massal.) Arup, Frödén & Søchting [1, 5, 14]

Flavoplaca polycarpa (A. Massal.) Arup, Frödén & Søchting [17, 20]

Frutidella caesioatra (Schaer.) Kalb [15]

Frutidella furfuracea (Anzi) M. Westb. & M. Svenss [14]

Fuscidea commixta (H. Magn.) V. Wirth & Vězda [5, 15]

Fuscidea cyathoides (Ach.) V. Wirth & Vězda [n; Oberhollenzer & Wirth 1984]

Fuscidea kochiana (Hepp) V. Wirth & Vězda [5, 15]

Fuscidea mollis (Wahlenb.) V. Wirth & Vězda [17]

Fuscopannaria mediterranea (Tav.) P.M. Jørg. [17]

Fuscopannaria nebulosa (Hoffm.) E. Tripp & Lendemmer [8, 15, 17]

Fuscopannaria praetermissa (Nyl.) P.M. Jørg. [5, 15]

Gabura fascicularis (L.) P.M. Jørg. [5, 14]

Glypholecia scabra (Pers.) Müll. Arg. [14]

Graphis pulverulenta (Pers.) Ach. [15, 17]

Graphis scripta (L.) Ach. [1, 2, 4, 5, 8, 11, 14, 15, 17, 20]

Gyalecta derivata (Nyl.) H. Olivier [14]

Gyalecta fagicola (Arnold) Kremp. [15]

Gyalecta foveolaris (Ach.) Schaer. [15]

- Gyalecta jenensis* (Batsch) Zahlbr. [4, 10, 14, 17]
Gyalecta leucaspis (Kremp.) Kremp. [17]
Gyalecta peziza (Mont.) Anzi [14]
Gyalecta truncigena (Ach.) Hepp [1, 14]
Gyalecta ulmi (Sw.) Zahlbr. [20]
- Gyalolechia aurea* (Schaer.) A. Massal. [5, 14]
Gyalolechia bracteata (Hoffm.) A. Massal. subsp. *bracteata* [8, 14, 17]
Gyalolechia flavorubescens (Huds.) Søchting, Frödén & Arup [1, 4, 5, 6, 7, 8, 12, 14]
Gyalolechia flavovirescens (Wulfen) Søchting, Frödén & Arup [5, 15, 17, 20]
Gyalolechia fulgens (Sw.) Søchting, Frödén & Arup [1, 2, 4, 5, 7, 8, 12, 14, 17, 18]
Gyalolechia fulgida (Nyl.) Søchting, Frödén & Arup [17]
Gyalolechia subbracteata (Nyl.) Søchting, Frödén & Arup [2]
- Haematomma nemetzii* J. Steiner [1, 10, 17]
Haematomma ochroleucum (Neck.) J.R. Laundon var. *ochroleucum* [1, 4, 5, 9, 10, 14, 15, 17, 20]
Haematomma ochroleucum var. *porphyrium* (Pers.) J.R. Laundon [1, 4, 17]
- Harpidium rutilans* Körb. [17]
- Heterodermia obscurata* (Nyl.) Trevis. [14]
Heterodermia speciosa (Wulfen) Trevis. [5, 8, 10, 15, 16, 17]
- Hydropunctaria adriatica* (Zahlbr.) Orange [1]
Hydropunctaria rheitrophila (Zschacke) C. Keller, Gueidan & Thüs [5]
Hydropunctaria scabra (Vězda) C. Keller, Gueidan & Thüs [14]
- Hyperphyscia adglutinata* (Flörke) H. Mayrhofer & Poelt [1, 10]
- Hypocenomyce scalaris* (Ach.) M. Choisy [20]
- Hypogymnia austerodes* (Nyl.) Räsänen [8, 14, 15, 17]
Hypogymnia farinacea Zopf [5, 8, 9, 14, 17]
Hypogymnia physodes (L.) Nyl. [5, 6, 7, 8, 11, 14, 15, 16, 17, 18, 20]
Hypogymnia tubulosa (Schaer.) Hav. [5, 8, 11, 14, 15, 16, 17, 18]
Hypogymnia vittata (Ach.) Parrique [14, 15]
- Hypotrachyna afrorevoluta* (Krog & Swinscow) Krog & Swinscow [5]
Hypotrachyna revoluta (Flörke) Hale [5, 8, 15, 17]
- Icmadophila ericetorum* (L.) Zahlbr. [15, 17]
- Immersaria cupreoatra* (Nyl.) Calat. & Rambold [1, 5, 8, 15, 17]
- Imshaugia aleurites* (Ach.) S.L.F. Mey. [14, 15, 17]

- Ionaspis lacustris* (With.) Lutzoni [5, 14, 15]
- Kiliasia athallina* (Hepp) Hafellner [4, 12, 17]
- Kuettlingeria albolutescens* (Nyl.) I.V. Frolov, Vondrák & Arup [17]
- Kuettlingeria atroflava* (Turner) I.V. Frolov, Vondrák & Arup [17]
- Kuettlingeria emilii* (Vondrák, Khodos., Cl. Roux & V. Wirth) I.V. Frolov, Vondrák & Arup [1, 17]
- Kuettlingeria erythrocarpa* (Pers.) I.V. Frolov, Vondrák & Arup [7, 20]
- Kuettlingeria* aff. *furax* (Egea & Llimona) I.V. Frolov, Vondrák & Arup [1, 17]
- Kuettlingeria fuscoatroides* (J. Steiner) I.V. Frolov, Vondrák & Arup [1]
- Kuettlingeria neotaurica* (Vondrák, Khodos., Arup & Söchting) I.V. Frolov, Vondrák & Arup [1, 17]
- Kuettlingeria percrocata* (Arnold) I.V. Frolov, Vondrák & Arup [14]
- Kuettlingeria soralifera* (Vondrák & Hrouzek) I.V. Frolov, Vondrák & Arup [17, 18]
- Kuettlingeria teicholyta* (Ach.) Trevis [1, 17]
- Kuettlingeria xerica* (Poelt & Vezda) I.V. Frolov, Vondrák & Arup [5, 17]
- Lambiella insularis* (Nyl.) T. Sprib. [8, 11, 14, 17]
- Lasallia pustulata* (L.) Mérat [1, 4, 5, 8, 10, 14, 15, 17, 20]
- Lathagrium auriforme* (With.) Otálora, P.M. Jørg. & Wedin [4, 14, 17]
- Lathagrium cristatum* (L.) Otálora, P.M. Jørg. & Wedin var. *cristatum* [4, 5, 7, 8, 12, 14, 17]
- Lathagrium cristatum* var. *marginale* (Huds.) Nimis et al. (nom. prov. prop.) [4, 8, 14, 17]
- Lathagrium fuscovirens* (With.) Otálora, P.M. Jørg. & Wedin [4, 5, 14]
- Lathagrium undulatum* (Laurer ex Flot.) Poetsch var. *undulatum* [4, 14]
- Lathagrium undulatum* var. *granulosum* (Degel.) Nimis et al. (nom. prov. prop.) [14]
- Lecania cyrtella* (Ach.) Th. Fr. [12]
- Lecania dubitans* (Nyl.) A.L. Sm. [15]
- Lecania erysibe* (Ach.) Mudd [4, 6, 14]
- Lecania koerberiana* J. Lahm [1, 8, 13, 14]
- Lecania naegelii* (Hepp) Diederich & van den Boom [1, 2, 4, 8, 14]
- Lecania nylanderiana* A. Massal. [1, 2]
- Lecania spadicea* (Flot.) Zahlbr. [n; Roux 1991: map]
- Lecania turicensis* (Hepp) Müll. Arg. [4]
- Lecanora albella* (Pers.) Ach. [8, 11, 15, 17, 20]
- Lecanora allophana* (Ach.) Nyl. [1, 5, 8, 9, 11, 14, 15, 17, 20]
- Lecanora argentata* (Ach.) Röhl. [4, 5, 6, 8, 14, 15, 20]
- Lecanora argopholis* (Ach.) Ach. [1, 2, 8, 11, 14, 15, 17, 19]
- Lecanora bicincta* Ramond [10, 14]
- Lecanora bulgarica* Gyeln. [17]

- Lecanora campestris* (Schaer.) Hue [1, 2, 8, 10, 14, 17]
Lecanora carpinea (L.) Vain. [1, 2, 5, 7, 8, 9, 10, 13, 14, 15, 16, 17, 20]
Lecanora cavarnensis Cretz. [1]
Lecanora cenisia Ach. [8, 14, 17]
Lecanora cerebellina Poelt [17]
Lecanora chlarotera Nyl. [5, 7, 9, 12, 14, 15, 17, 20]
Lecanora configurata Nyl. [10]
Lecanora cf. *conizaeoides* Nyl. ex Cromb. [20]
Lecanora epanora (Ach.) Ach. [5, 15]
Lecanora epibryon (Ach.) Ach. [14]
Lecanora expallens Ach. [1, 5, 17, 20]
Lecanora expersa Nyl. [17]
Lecanora frustulosa (Dicks.) Ach. [5]
Lecanora gangaleoides Nyl. [1, 10, 15]
Lecanora glabrata (Ach.) Nyl. [5, 15, 17, 20]
Lecanora horiza (Ach.) Linds. [8]
Lecanora intricata (Ach.) Ach. [8, 14, 15, 17]
Lecanora intumescens (Rebent.) Rabenh. [2, 5, 6, 8, 14, 15, 17, 20]
Lecanora leptyroides (Nyl.) Degel. [14]
Lecanora marginata (Schaer.) Hertel & Rambold [8, 14]
Lecanora mughicola Nyl. [8, 14, 15, 17]
Lecanora neobulgarica Gyeln. [17]
Lecanora nigrimaris Cretz. [1]
Lecanora phaeostigma (Körb.) Almb. [14, 17]
Lecanora pirinensis Gyeln. [14]
Lecanora polytropa (Ehrh. ex Hoffm.) Rabenh. [5, 8, 11, 14, 15, 17]
Lecanora populicola (DC.) Duby [8]
Lecanora praepostera Nyl. [8]
Lecanora pulicaris (Pers.) Ach. [8, 14, 15, 17]
Lecanora rouxii S. Ekman & Tønsberg [5]
Lecanora rupicola (L.) Zahlbr. subsp. *rupicola* [5, 8, 10, 11, 14, 15, 17]
Lecanora rupicola subsp. *subplanata* (Nyl.) Leuckert & Poelt [11]
Lecanora rupicola subsp. *sulphurata* (Ach.) Leuckert & Poelt [1, 17]
Lecanora saligna (Schrad.) Zahlbr. [8, 9, 14, 17]
Lecanora soralifera (Suza) Räsänen [15]
Lecanora subintricata (Nyl.) Th. Fr. [14, 15, 17]
Lecanora sulphurea (Hoffm.) Ach. [1, 5, 8, 12, 14, 17]
Lecanora swartzii (Ach.) Ach. [5, 8, 14, 17]
Lecanora symmicta (Ach.) Ach. [15, 20]
Lecanora thysanophora R.C. Harris [20]
Lecanora varia (Hoffm.) Ach. [8, 14, 15, 17]
Lecidea atrobrunnea (DC.) Schaer. [8, 14, 17]

- Lecidea auriculata* Th. Fr. [15]
Lecidea bagliettoana Zahlbr. [17]
Lecidea berengeriana (A. Massal.) Nyl. [14]
Lecidea confluens (Weber) Ach. [5, 8, 10, 14, 15, 17, 18]
Lecidea erythrophaea Flörke ex Sommerf. [1]
Lecidea fuscoatra (L.) Ach. [5, 8, 11, 17]
Lecidea grisella Flörke [17]
Lecidea lapicida (Ach.) Ach. var. *lapicida* [5, 8, 15]
Lecidea lapicida var. *pantherina* (Hoffm.) Ach. [5, 8, 14, 15, 17, 18]
Lecidea lithophila (Ach.) Ach. [11, 14, 15]
Lecidea ocellulata (Schaer.) Th. Fr. [17]
Lecidea plana (J. Lahm) Nyl. [5, 6, 8, 14, 15, 17]
Lecidea promiscens Nyl. [15, 17]
Lecidea promiscua Nyl. [14, 15]
Lecidea sarcogynoides Körb. [9]
Lecidea silacea (Hoffm.) Ach. [15]
Lecidea swartzioidea Nyl. [15]
Lecidea tessellata Flörke [8, 15, 17]
Lecidea umbonata (Hepp) Mudd [14]
- Lecidella anomaloides* (A. Massal.) Hertel & H. Kilius [5, 8, 12, 17]
Lecidella asema (Nyl.) Knoph & Hertel [10, 17]
Lecidella carpathica Körb. [1, 5, 8, 14, 17]
Lecidella elaeochroma (Ach.) M. Choisy [1, 2, 5, 6, 8, 10, 11, 12, 13, 14, 15, 17, 20]
Lecidella euphorea (Flörke) Hertel [1, 2, 5, 15, 17, 20]
Lecidella flavosorediata (Vězda) Hertel & Leuckert [15]
Lecidella laureri (Hepp) Körb. [8]
Lecidella patavina (A. Massal.) Knoph & Leuckert [14]
Lecidella stigmathea (Ach.) Hertel & Leuckert [5, 8, 12, 14, 17]
Lecidella wulfenii (Hepp) Körb. [14]
- Lecidoma demissum* (Rutstr.) Gotth. Schneid. & Hertel [8, 14, 15]
- Lempholemma botryosum* (A. Massal.) Zahlbr. [5, 17]
Lempholemma chalazanum (Ach.) B. de Lesd. [17]
- Lepra albescens* (Huds.) Hafellner [1, 2, 5, 8, 9, 10, 11, 14, 15, 16, 17, 20]
Lepra amara (Ach.) Hafellner [1, 5, 10, 11, 14, 17, 20]
Lepra aspergilla (Ach.) Hafellner [10, 14, 15]
Lepra corallina (L.) Hafellner [4] – a new record for Bulgaria.
Lepra excludens (Nyl.) Hafellner [14, 17]
Lepra leucosora (Nyl.) Hafellner [17]
Lepra melanochlora (DC.) Hafellner [5]
Lepra ocellata (Körb.) Hafellner [5, 6, 8]

- Lepra trachythallina* (Erichsen) Lendemer & R.C. Harris [1]
- Lepraria alpina* (B. de Lesd.) Tretiach & Baruffo [14]
- Lepraria borealis* Loht. & Tønsberg [11, 14]
- Lepraria caesioalba* (B. de Lesd.) J.R. Laundon [5, 8, 14, 15, 17]
- Lepraria celata* Slav.-Bay. [14, 15]
- Lepraria crassissima* (Hue) Lettau [4, 5, 7, 8, 14, 17, 20]
- Lepraria diffusa* (J.R. Laundon) Kukwa [14, 17]
- Lepraria elobata* Tønsberg [8, 15]
- Lepraria finkii* (B. de Lesd.) R.C. Harris [5, 8, 17, 20]
- Lepraria granulata* Slav.-Bay. [14, 15, 17]
- Lepraria incana* (L.) Ach. [2, 4, 5, 8, 10, 15, 16, 17, 20]
- Lepraria membranacea* (Dicks.) Vain. [5, 14, 15, 17]
- Lepraria neglecta* (Nyl.) Erichsen [2, 5, 8, 11, 14, 15, 17]
- Lepraria nivalis* J.R. Laundon [10]
- Lepraria nylanderiana* Kümmerl. & Leuckert [10]
- Lepraria rigidula* (B. de Lesd.) Tønsberg [17]
- Lepraria vouauxii* (Hue) R.C. Harris [17]
- Leprocaulon quisquiliare* (Leers) M. Choisy [5, 9, 10, 14, 15, 17, 20]
- Leptoplaca chrysodeta* (Vain.) Ahti [17]
- Leptoplaca cirrochroa* (Ach.) Arup, Frödén & Søchting [4, 7, 8, 14, 17]
- Leptoplaca proteus* (Poelt) Arup, Frödén & Søchting [4, 17]
- Leptoplaca xantholyta* (Nyl.) Nyl. [2, 4, 5, 7, 14, 17]
- Leptochidium albociliatum* (Desm.) M. Choisy [5, 15, 17]
- Leptogium brebissonii* agg. [17]
- Leptogium burnetiae* var. *hirsutum* (Sierk) P.M. Jørg. [14]
- Leptogium cyanescens* (Ach.) Körb. [5, 6, 8, 17]
- Leptogium hildenbrandii* (Garov.) Nyl. [5, 13, 14]
- Leptogium saturninum* (Dicks.) Nyl. [1, 5, 8, 11, 14, 15, 16, 17, 20]
- Letharia vulpina* (L.) Hue [14, 15]
- Lichenomphalia umbellifera* (L.) Redhead, Lutzoni, Moncalvo & Vilgalys [20]
- Lichina confinis* (O.F. Müll.) C. Agardh [1]
- Lichinella cribellifera* (Nyl.) P.P. Moreno & Egea [17]
- Lichinella stipatula* Nyl. [9, 15, 17]
- Lobaria limitata* (Ach.) Rabenh. [5]
- Lobaria pulmonaria* (L.) Hoffm. [1, 2, 4, 5, 7, 8, 11, 12, 14, 15, 16, 17, 20]
- Lobarina scrobiculata* (Scop.) Nyl. ex Cromb. [5, 8, 11, 14, 15, 17, 18]

- Lobothallia controversa* Cl. Roux & A. Nordin [5, 8, 12, 14, 17]
Lobothallia melanaspis (Ach.) Hafellner [14, 15]
Lobothallia parasitica (B. de Lesd.) Nimis et al. (nom. prov. prop.) [10, 14]
Lobothallia praeradiosa (Nyl.) Hafellner [17]
Lobothallia radiosa (Hoffm.) Hafellner [1, 2, 4, 5, 7, 8, 10, 14, 17, 19]

Lopadium disciforme (Flot.) Kullh. [5]
Lopadium pezizoideum (Ach.) Körb. [14]

Marchantiana asserigena (Stizenb. ex J. Lahm) Søchting & Arup [17]

Massalongia carnosae (Dicks.) Körb. [14, 15]

Megalaria grossa (Pers. ex Nyl.) Hafellner [20]
Megalaria laureri (Hepp ex Th. Fr.) Hafellner [1, 5, 20]

Melanaria pentelici (J. Steiner) Erichsen [1]

Melanelia hepatizon (Ach.) A. Thell [5, 8, 14, 15]
Melanelia stygia (L.) Essl. [8, 11, 14, 15, 17]

Melanelixia fuliginosa (Fr. ex Duby) O. Blanco, A. Crespo, Divakar, Essl., D. Hawksw. & Lumbsch [5, 6, 8, 10, 11, 14, 15, 16, 17, 20]
Melanelixia glabra (Schaer.) O. Blanco, A. Crespo, Divakar, Essl., D. Hawksw. & Lumbsch [4, 5, 6, 8, 9, 14, 15, 16, 17, 18, 20]
Melanelixia glabrata (Lamy) Sandler & Arup [2, 5, 10, 15, 17, 19]
Melanelixia subargentifera (Nyl.) O. Blanco, A. Crespo, Divakar, Essl., D. Hawksw. & Lumbsch [1, 5, 10, 12, 14, 20]
Melanelixia subaurifera (Nyl.) O. Blanco, A. Crespo, Divakar, Essl., D. Hawksw. & Lumbsch [1, 5, 7, 8, 10, 13, 14, 15, 17, 18, 20]

Melanohalea elegantula (Zahlbr.) O. Blanco, A. Crespo, Divakar, Essl., D. Hawksw. & Lumbsch [14, 15, 10, 20]. A record of *M. infumata* (Nyl.) O. Blanco et al. from the Pirin Mts (published by Ivanov 2010) probably refers to *M. elegantula*.
Melanohalea exasperata (De Not.) O. Blanco, A. Crespo, Divakar, Essl., D. Hawksw. & Lumbsch [3, 6, 7, 8, 12, 14, 15, 17]
Melanohalea exasperatula (Nyl.) O. Blanco, A. Crespo, Divakar, Essl., D. Hawksw. & Lumbsch [6, 8, 14, 15, 17, 20]
Melanohalea olivacea (L.) O. Blanco, A. Crespo, Divakar, Essl., D. Hawksw. & Lumbsch [1, 2, 3, 4, 5, 6, 7, 8, 14, 15, 17, 18]. Records of *M. olivacea* from Bulgaria are in need of confirmation.

Menegazzia terebrata (Hoffm.) A. Massal. [5]

Micarea denigrata (Fr.) Hedl. [14, 17]
Micarea lignaria (Ach.) Hedl. var. *lignaria* [8]
Micarea micrococca (Körb.) Gams ex Coppins [20]

- Micarea nitschkeana* (J. Lahm ex Rabenh.) Harm. [6, 15]
Micarea prasina Fr. [5, 17, 20]
- Miriquidica complanata* (Körb.) Hertel & Rambold [17]
Miriquidica garovaglii (Schaer.) Hertel & Rambold [8, 14]
Miriquidica intrudens (H. Magn.) Hertel & Rambold [8]
Miriquidica invadens Hafellner, Obermayer & Tretiach [14, 15]
Miriquidica leucophaea (Rabenh.) Hertel & Rambold [5]
Miriquidica nigroleprosa var. *lijenstroemii* (Du Rietz) Owe-Larss. & Rambold [8]
- Monerolechia badia* (Fr.) Kalb [1, 9, 10, 15, 17]
- Montanelia disjuncta* (Erichsen) Divakar, A. Crespo, Wedin & Essl. [15]
Montanelia panniformis (Nyl.) Divakar, A. Crespo, Wedin & Essl. [15]
Montanelia sorediata (Ach.) Divakar, A. Crespo, Wedin & Essl. [8, 15, 17]
- Myriolecis agardhiana* (Ach.) Śliwa, Zhao Xin & Lumbsch subsp. *agardhiana* [1, 12, 14]
Myriolecis albescens (Hoffm.) Śliwa, Zhao Xin & Lumbsch [1, 4, 12, 14]
Myriolecis crenulata (Hook.) Śliwa, Zhao Xin & Lumbsch [1, 4, 7, 12, 17]
Myriolecis dispersa (Pers.) Śliwa, Zhao Xin & Lumbsch [1, 2, 4, 5, 7, 8, 9, 10, 12, 14, 17, 18]
Myriolecis hagenii (Ach.) Śliwa, Zhao Xin & Lumbsch [4, 5, 6, 15, 17, 20]
Myriolecis persimilis (Th. Fr.) Śliwa, Zhao Xin & Lumbsch [15]
Myriolecis pruinosa (Chaub.) Śliwa, Zhao Xin & Lumbsch [1, 4, 7, 17]
Myriolecis reuteri (Schaer.) Śliwa, Zhao Xin & Lumbsch [1, 2, 4, 5, 7, 17]
Myriolecis sambuci (Pers.) Clem. [5, 17]
Myriolecis semipallida (H. Magn.) Śliwa, Zhao Xin & Lumbsch [2, 5, 8, 10, 14, 15, 17]
Myriolecis zosteriae var. *palanderi* (Vain.) Śliwa [17]
- Myriospora smaragdula* (Wahlenb. ex Ach.) Nägeli ex Uloth [8]
- Nephroma bellum* (Spreng.) Tuck. [17]
Nephroma helveticum Ach. [5, 8, 15, 17]
Nephroma laevigatum Ach. [5, 8, 9, 11, 14, 15, 17, 20]
Nephroma parile (Ach.) Ach. [5, 8, 9, 10, 11, 14, 15, 16, 17]
Nephroma resupinatum (L.) Ach. [1, 5, 8, 11, 14, 15, 16, 17]
- Nephromopsis chlorophylla* (Willd.) Divakar, A. Crespo & Lumbsch [15, 17]
Nephromopsis cucullata (Bellardi) Divakar, A. Crespo & Lumbsch [5, 14, 15]
Nephromopsis nivalis (L.) Divakar, A. Crespo & Lumbsch [5, 14, 15, 17]
- Normandina pulchella* (Borrer) Nyl. [5, 15, 20]
- Ochrolechia alboflavescens* (Wulfen) Zahlbr. [14, 15, 17]
Ochrolechia androgyna (Hoffm.) Arnold [5, 10, 14, 17, 20]

- Ochrolechia arborea* (Kreyer) Almb. [16, 17]
Ochrolechia pallescens (L.) A. Massal. [5, 11, 14, 15, 17]
Ochrolechia parella (L.) A. Massal. [1, 2, 4, 5, 9, 10, 11, 14, 15, 17, 19]
Ochrolechia szatalaensis Verseghy [14, 15, 17]
Ochrolechia tartarea (L.) A. Massal. [15]
Ochrolechia upsaliensis (L.) A. Massal. [17]
- Opegrapha klementii* Cretz. [1]
Opegrapha vermicellifera (J. Kunze) J.R. Laundon [5, 20]
Opegrapha vulgata (Ach.) Ach. [20]
- Ophioparma ventosa* (L.) Norman [5, 8, 14, 15]
- Orphniospora moriopsis* (A. Massal.) D. Hawksw. [8, 15]
Orphniospora mosigii (Körb.) Hertel & Rambold [8, 14]
- Pachnolepia pruinata* (Pers.) Frisch & G. Thor [1, 17]
- Pannaria conopsea* (Ach.) Bory [5, 8, 15, 14, 17]
Pannaria rubiginosa (Ach.) Bory [5, 15, 17]
- Parabagliettoa cyanea* (A. Massal.) Gueidan & Cl. Roux [14]
Parabagliettoa dufourii (DC.) Gueidan & Cl. Roux [12, 14, 17]
- Paralecanographa grumulosa* (Dufour) Ertz & Tehler [1]
- Paraphysothele klementiana* Servít [1]
- Parmelia ernstiae* Feuerer & A. Thell [14]
Parmelia omphalodes (L.) Ach. [5, 14, 15, 17]
Parmelia pinnatifida Kurok. [15, 17]
Parmelia saxatilis (L.) Ach. [1, 4, 5, 8, 11, 14, 15, 16, 17, 20]
Parmelia submontana Hale [1, 5, 9, 14]
Parmelia sulcata Taylor [1, 2, 4, 5, 6, 7, 8, 14, 15, 17, 18, 20]
- Parmeliella triptophylla* (Ach.) Müll. Arg. [5, 14, 15, 17, 20]
- Parmelina carporrhizans* (Taylor) Poelt & Vězda [1, 5, 14, 15, 16, 17]
Parmelina pastillifera (Harm.) Hale [5, 9, 12, 15]
Parmelina quercina (Willd.) Hale [1, 2, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20]
Parmelina tiliacea (Hoffm.) Hale [1, 2, 4, 5, 6, 7, 8, 9, 10, 11, 14, 15, 17, 18, 20]
- Parmeliopsis ambigua* (Hoffm.) Nyl. [5, 8, 14, 15, 17]
Parmeliopsis hyperopta (Ach.) Arnold [8, 14, 15, 17]
- Parmotrema perlatum* (Huds.) M. Choisy [4, 5, 8, 10, 15, 17, 18, 20]
Parmotrema robustum (Degel.) Hale [8]

Parvoplaca tiroliensis (Zahlbr.) Arup, Søchting & Frödén [14]

Peccania coralloides (A. Massal.) Arnold [4, 5, 14]

Peltigera aphthosa (L.) Willd. [5, 6, 8, 14, 15, 16, 17]

Peltigera canina (L.) Willd. [1, 4, 5, 8, 10, 11, 14, 15, 17, 20]

Peltigera collina (Ach.) Schrad. [5, 8, 10, 11, 14, 15, 16, 17]

Peltigera degenii Gyeln. [probably 5, 17]

Peltigera didactyla (With.) J.R. Laundon [1, 2, 4, 8, 9, 11, 13, 14, 15, 16, 17]

Peltigera elisabethae Gyeln. [1, 20]

Peltigera horizontalis (Huds.) Baumg. [2, 4, 5, 8, 11, 14, 15, 17, 18, 20]

Peltigera hymenina (Ach.) Delise [5, 17]

Peltigera lepidophora (Vain.) Bitter [5, 8, 15, 17]

Peltigera leucophlebia (Nyl.) Gyeln. [5, 8, 9, 11, 14, 15, 16, 17, 20]

Peltigera malacea (Ach.) Funck [5, 8, 11, 14, 15, 17]

Peltigera membranacea (Ach.) Nyl. [5, 14, 17]

Peltigera neckeri Hepp ex Müll. Arg. [1, 17]

Peltigera neopolydactyla (Gyeln.) Gyeln. [5, 8]

Peltigera polydactylon (Neck) Hoffm. [5, 8, 14, 15, 17]

Peltigera ponojensis Gyeln. [n; Vitikainen 1994: map]

Peltigera praetextata (Flörke ex Sommerf.) Zopf [1, 2, 5, 8, 14, 15, 17, 20]

Peltigera rufescens (Weiss) Humb. [1, 4, 5, 6, 7, 8, 11, 14, 15, 16, 17, 19, 20]

Peltigera venosa (L.) Hoffm. [5, 6, 8, 9, 11, 14, 15, 16, 17]

(Fig. 2)

Peltula euploca (Ach.) Poelt ex Pišút [4, 8, 9, 10, 14, 17, 18]

Pertusaria alpina Hepp ex Ahles [15]

Pertusaria amarescens Nyl. [10, 11]

Pertusaria coccodes (Ach.) Nyl. [1, 5, 14, 17, 20]

Pertusaria coronata (Ach.) Th. Fr. [5]

Pertusaria flavicans Lamy [17]

Pertusaria flavida (DC.) J.R. Laundon [1, 5, 11, 14, 15, 16, 20]

Pertusaria hymenea (Ach.) Schaer. [5, 11, 20]

Pertusaria leioplaca (Ach.) DC. [1, 2, 5, 11, 14, 15, 17, 20]

Pertusaria oculata (Dicks.) Th. Fr. [6, 15]

Pertusaria pertusa (L.) Tuck. [1, 4, 5, 11, 14, 15, 17, 20]

Pertusaria pupillaris (Nyl.) Th. Fr. [15]

Pertusaria pustulata (Ach.) Duby [5, 20]

Pertusaria rupicola (Fr.) Harm. [17]

Petractis clausa (Hoffm.) Kremp. [4]

Phaeophyscia cernoborskyi (Nádv.) Essl. [9, 17]

Phaeophyscia ciliata (Hoffm.) Moberg [1, 14, 15, 17]

Phaeophyscia endococcina (Körb.) Moberg [5, 11, 14, 15]

- Phaeophyscia endopoenicea* (Harm.) Moberg [5, 17, 20]
Phaeophyscia hirsuta (Mereschk.) Essl. [9, 10, 12]
Phaeophyscia nigricans (Flörke) Moberg [1, 5, 6, 8, 10, 14, 15, 17, 18, 20]
Phaeophyscia orbicularis (Neck.) Moberg [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 14, 15, 17, 18, 19, 20]
Phaeophyscia poeltii (Frey) Nimis [5]
Phaeophyscia pusilloides (Zahlbr.) Essl. [20]
Phaeophyscia sciastra (Ach.) Moberg [15, 17]

Phaeorrhiza nimbosa (Fr.) H. Mayrhofer & Poelt [14]

Phlyctis agelaea (Ach.) Flot. [1, 5, 20]
Phlyctis argena (Spreng.) Flot. [1, 5, 8, 10, 14, 15, 20]

Physcia adscendens H. Olivier (nom. cons.) [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 17, 18, 19, 20]
Physcia aipolia (Ehrh. ex Humb.) Fűrnr. [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 17, 18, 19, 20]
Physcia aipolioides (Nádv.) Breuss & Türk [1]
Physcia albinea (Ach.) Malbr. [2, 4, 5, 6, 8, 14, 15, 17]
Physcia biziana (A. Massal.) Zahlbr. [1, 2, 5, 9, 10, 11, 12, 14, 15, 17]
Physcia caesia (Hoffm.) Fűrnr. [3, 4, 5, 8, 14, 15, 17]
Physcia dimidiata (Arnold) Nyl. [1, 7, 8, 10, 14, 15]
Physcia dubia (Hoffm.) Lettau [5, 7, 8, 10, 11, 14, 15, 17]
Physcia leptalea (Ach.) DC. [1, 2, 4, 5, 10, 12, 14, 17, 20]
Physcia magnussonii Frey [14, 15, 17]
Physcia phaea (Tuck.) J.W. Thomson [17]
Physcia stellaris (L.) Nyl. [1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 14, 15, 16, 17]
Physcia subalbinea Nyl. [1, 9, 10, 12, 14, 15, 17, 18]
Physcia tenella (Scop.) DC. [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 17, 18, 19, 20]
Physcia tribacia (Ach.) Nyl. [1, 2, 4, 5, 6, 7, 10, 11, 14, 17, 18, 19]

Physciella chloantha (Ach.) Essl. [1, 4, 5, 15, 17]. A record of Szatala (1929) refers to *Phaeophyscia poeltii*.
Physciella nepalensis (Poelt) Essl. [15]

Physconia detersa (Nyl.) Poelt [11, 12, 14, 20]
Physconia distorta (With.) J.R. Laundon [1, 2, 4, 5, 6, 10, 11, 12, 14, 15, 16, 17, 18, 20]
Physconia enteroxantha (Nyl.) Poelt [1, 2, 4, 5, 6, 9, 10, 11, 12, 14, 15, 16, 17, 18, 20]
Physconia grisea (Lam.) Poelt [1, 5, 6, 9, 10, 14, 15, 17, 18]
Physconia muscigena (Ach.) Poelt [5, 8, 15, 17]
Physconia perisidiosa (Erichsen) Moberg [1, 5, 9, 10, 12, 14, 15, 17, 18, 20]
Physconia servitii (Nádv.) Poelt [14]
Physconia thorstenii A. Crespo & Divakar [15]
Physconia venusta (Ach.) Poelt [1, 2, 5, 8, 11, 14, 15, 17]

- Placidium adami-borosi* Szatala [17]
Placidium lachneum (Ach.) B. de Lesd. [4, 5, 8, 14, 15, 17]
Placidium michelii A. Massal. [5, 8, 15, 17]
Placidium rufescens (Ach.) A. Massal. [4, 5, 15, 16, 17]
Placidium squamulosum (Ach.) Breuss [5, 7, 14, 15, 17]
Placocarpus schaeereri (Fr.) Breuss [1, 4, 5, 7, 8, 10, 15, 17, 19]
Placopyrenium bucekii (Nádv. & Servít) Breuss (nom. cons.) [17]
Placopyrenium cinereoatratum (Degel.) Orange [14]
Placopyrenium fuscellum (Turner) Gueidan & Cl. Roux [1, 5, 7, 14, 17]
Placopyrenium tatrense (Vězda) Breuss [5]
Placopyrenium trachyticum (Hazsl.) Breuss [8, 9, 17]
Placynthiella dasaea (Stirt.) Tønsberg [5]
Placynthiella icmalea (Ach.) Coppins & P. James [5, 16]
Placynthiella uliginosa (Schrad.) Coppins & P. James [5, 8, 14, 15, 17]
Placynthium filiforme (Garov.) M. Choisy [14]
Placynthium nigrum (Huds.) Gray [1, 4, 5, 7, 8, 10, 14, 15, 17, 19, 20]
Placynthium tremniacum (A. Massal.) Jatta [4]
Platismatia glauca (L.) W.L. Culb. & C.F. Culb. [5, 8, 9, 11, 14, 15, 17]
Pleopsidium chlorophanum (Wahlenb.) Zopf [8, 14]
Pleopsidium oxytonum (Ach.) Rabenh. [4, 5, 10, 14, 15, 17]
Pleurosticta acetabulum (Neck.) Elix & Lumbsch [1, 2, 3, 5, 6, 7, 8, 11, 12, 14, 16, 17, 18, 20]
Poeltinula cerebrina (DC.) Hafellner subsp. *cebrina* [n]
Polyblastia abscondita Arnold [12]
Polyblastia albida Arnold [4, 12, 14]
Polyblastia cupularis A. Massal. [14]
Polyblastia dermatodes A. Massal. [14]
Polyblastia intermedia Th. Fr. [4]
Polyblastia sendtneri Kremp. [14]
Polyblastia sepulta A. Massal. [1]
Polycauliona candelaria (L.) Frödén, Arup & Søchting [5, 6, 8, 14, 15]
Polycauliona phlogina (Ach.) Arup, Frödén & Søchting [8]
Polycauliona polycarpa (Hoffm.) Frödén, Arup & Søchting [7, 8, 15, 17]
Polychidium muscicola (Sw.) Gray [15, 17]
Polysporina cyclocarpa (Anzi) Vězda [14]
Porina lectissima (Fr.) Zahlbr. [5]

- Porocyphus coccodes* Flot. ex Körb. [8]
- Porpidia albocaerulescens* (Wulfen) Hertel & Knoph [1, 5, 10, 15]
Porpidia cinereoatra (Ach.) Hertel & Knoph [5, 14, 17]
Porpidia crustulata (Ach.) Hertel & Knoph [5, 10, 11, 14, 15, 17]
Porpidia flavicunda (Ach.) Gowan [15]
Porpidia macrocarpa (DC.) Hertel & A.J. Schwab [1, 5, 8, 10, 12, 14, 15, 17]
Porpidia rugosa (Taylor) Coppins & Fryday [15]
Porpidia speirea (Ach.) Kremp. [8, 14, 17]
Porpidia zeoroides (Anzi) Knoph & Hertel [8, 11]
- Porpidinia tumidula* (Sm.) Timdal [1, 17]
- Protoblastenia calva* (Dicks.) Zahlbr. [1, 7, 10, 14, 17, 20]
Protoblastenia cyclospora (Hepp ex Körb.) Poelt [14, 17]
Protoblastenia incrustans (DC.) J. Steiner [4, 14]
Protoblastenia rupestris (Scop.) J. Steiner [4, 7, 10, 14, 17]
- Protomicarea limosa* (Ach.) Hafellner [8, 14, 15]
- Protopannaria pezizoides* (Weber) P.M. Jørg. & S. Ekman [1, 2, 5, 7, 8, 9, 14, 15, 17, 20]
- Protoparmelia badia* (Hoffm.) Hafellner [8, 11, 14, 15, 17]
Protoparmelia cupreobadia (Nyl.) Poelt [17]
Protoparmelia montagnei (Fr.) Poelt & Nimis [1, 10, 12, 17]
Protoparmelia nitens (Pers.) Sancho & A. Crespo [8, 17]
Protoparmelia olivascens (Nyl.) Llimona [1]
- Protoparmeliopsis admontensis* (Zahlbr.) Hafellner [14]
Protoparmeliopsis bolcana (Pollini) Lumbsch [14, 15, 17]
Protoparmeliopsis garovaglii (Körb.) Arup, Zhao Xin & Lumbsch [10, 11, 17]
Protoparmeliopsis laatokkensis (Räsänen) Moberg & R. Sant. (as '*laatokkaënsis*') [10]
Protoparmeliopsis macrocyclos (H. Magn.) Moberg & R. Sant. [5, 15, 17]
Protoparmeliopsis muralis (Schreb.) M. Choisy, s. lat. [1, 2, 4, 5, 6, 7, 8, 10, 11, 12, 14, 15, 16, 17, 18]
Protoparmeliopsis muralis var. *diffracta* (Ach.) M. Choisy ex Werner [1, 5, 7, 8, 10, 14, 17]
Protoparmeliopsis muralis var. *dubyi* (Müll. Arg.) Hafellner & Türk [10, 17]
Protoparmeliopsis peltata (DC.) Arup, Zhao Xin & Lumbsch [8, 14]
Protoparmeliopsis versicolor (Pers.) M. Choisy [4, 7, 8, 10, 12, 15, 17]
- Pseudephebe minuscula* (Nyl. ex Arnold) Brodo & D. Hawksw. [14, 15]
Pseudephebe pubescens (L.) M. Choisy [5, 8, 14, 15, 17]
- Pseudevernia furfuracea* (L.) Zopf, s. lat. [2, 4, 5, 6, 7, 8, 9, 12, 13, 14, 15, 16, 17, 19, 20]
Pseudevernia furfuracea var. *ceratea* (Ach.) D. Hawksw. [8, 14, 15, 17]
- Pseudosagedia aenea* (Körb.) Hafellner & Kalb [1, 5, 14, 15, 20]

- Pseudosagedia chlorotica* (Ach.) Hafellner & Kalb [15, 17]
Pseudoschismatomma rufescens (Pers.) Ertz & Tehler [5, 15, 20]
Psilolechia lucida (Ach.) M. Choisy [8, 11]
Psora decipiens (Hedw.) Hoffm. [1, 2, 5, 7, 10, 11, 14, 16, 17, 19]
Psora testacea Hoffm. [4, 17]
Psora vallesiaca (Schaer.) Timdal [17]
Psorinia conglomerata (Ach.) Gotth. Schneid. [8, 14, 15]
Psoroma hypnorum (Vahl) Gray [8, 14, 15, 17]
Psoronactis dilleniana (Ach.) Ertz & Tehler [8]
Psorotichia schaeereri (A. Massal.) Arnold [14, 17]
Psorula rufonigra (Tuck.) Gotth. Schneider [14]
Punctelia borveri (Sm.) Krog [6, 17]
Punctelia subrudecta (Nyl.) Krog [6, 17]
Pycnora praestabilis (Nyl.) Hafellner [14]
Pycnora xanthococca (Sommerf.) Hafellner [5, 14, 15]
Pycnothelia papillaria Dufour [5, 8, 14, 15, 17]
Pyrenodesmia albopruinosa (Arnold) S.Y. Kondr. [14]
Pyrenodesmia alociza (A. Massal.) Arnold [4, 7, 12, 17]
Pyrenodesmia chalybaea (Fr.) A. Massal. [5, 7, 8, 14, 17]
Pyrenodesmia erodens (Tretiach, Pinna & Grube) Søchting, Arup & Frödén [17]
Pyrenodesmia microstepposa (I.V. Frolov, Nadyeina, Khodos. & Vondrák) Hafellner & Türk [17]
Pyrenodesmia variabilis (Pers.) A. Massal. [1, 3, 4, 5, 6, 7, 8, 12, 14, 17, 18]
Pyrenopsis grumulifera Nyl. [17]
Pyrenula chlorospila Arnold [1]
Pyrenula coryli A. Massal. [15, 17]
Pyrenula laevigata (Pers.) Arnold [1]
Pyrenula nitida (Weigel) Ach. [2, 4, 5, 14, 15, 20]
Pyrenula nitidella (Flörke ex Schaer.) Müll. Arg. [20]

Ramalina baltica Lettau [5, 20]
Ramalina breviscula (Nyl.) Nyl. [1]
Ramalina calicaris (L.) Fr. [2, 5, 8, 14, 15, 16, 17, 20]
Ramalina capitata (Ach.) Nyl. [1, 5, 8, 10, 11, 14, 15, 17, 19]
Ramalina carpatica Körb. [5, 8, 15]

- Ramalina europaea* Gasparyan, Sipman & Lücking [15]
Ramalina euxini Vězda [1]
Ramalina farinacea (L.) Ach. [1, 5, 8, 10, 13, 14, 15, 16, 17, 20]
Ramalina fastigiata (Pers.) Ach. [1, 2, 5, 10, 11, 14, 17, 20]
Ramalina fraxinea (L.) Ach. [1, 2, 4, 5, 8, 9, 11, 14, 15, 16, 17]
Ramalina obtusata (Arnold) Bitter [1]
Ramalina pollinaria (Westr.) Ach. [1, 4, 5, 9, 8, 10, 12, 14, 15, 17, 18]
Ramalina polymorpha (Lilj.) Ach. [1, 5, 6, 8, 10]
Ramalina requienii (De Not.) Jatta [1]
Ramalina sinensis Jatta [8]
Ramalina thrausta (Ach.) Nyl. [14, 15, 17]
- Reichlingia leopoldii* Diederich & Scheid. [15]
- Rhizocarpon alpicola* (Fr.) Rabenh. [1, 4, 8, 14, 15]
Rhizocarpon badioatrum (Flörke ex Spreng.) Th. Fr. [1, 4, 5, 8, 14, 15, 17]
Rhizocarpon disporum (Nägeli ex Hepp) Müll. Arg. [4, 5, 6, 8, 17, 18]
Rhizocarpon distinctum Th. Fr. [5, 6, 8, 10, 11, 14, 15, 17]
Rhizocarpon eupetraeum (Nyl.) Arnold [14]
Rhizocarpon geminatum Körb. [5, 6, 14, 15]
Rhizocarpon geographicum (L.) DC., s. lat. [1, 4, 5, 6, 8, 9, 10, 11, 14, 15, 17, 18]
Rhizocarpon geographicum (L.) DC. subsp. *geographicum* [4, 5, 8, 17]
Rhizocarpon geographicum subsp. *lindsayanum* (Räsänen) Ahti [17]
Rhizocarpon hochstetteri (Körb.) Vain. [15]
Rhizocarpon lavatum (Fr.) Hazsl. [5]
Rhizocarpon lecanorinum Anders [5, 8, 14, 15, 18]
Rhizocarpon lusitanicum (Nyl.) Arnold [15]
Rhizocarpon macrosporum Räsänen [15]
Rhizocarpon petraeum (Wulfen) A. Massal. [1, 5, 7, 8, 14, 15, 17]
Rhizocarpon polycarpum (Hepp) Th. Fr. [8, 17]
Rhizocarpon pusillum Runemark [14]
Rhizocarpon reductum Th. Fr. [5, 11, 14]
Rhizocarpon saanaense Räsänen [14]
Rhizocarpon tinei (Tornab.) Runemark [5, 8, 15, 17]
Rhizocarpon umbilicatum (Ramond) Flagey [1]
Rhizocarpon viridiatrum (Wulfen) Körb. [10, 15, 17]
- Rhizoplaca chrysoleuca* (Sm.) Zopf [5, 8, 14, 15, 17]
Rhizoplaca melanophthalma (DC.) Leuckert & Poelt [8, 14, 15]
- Ricasolia amplissima* (Scop.) De Not. [5, 9, 11, 14, 15, 17, 20]
- Rimularia gibbosa* (Ach.) Coppins, Hertel & Rambold [14]
- Rinodina albana* (A. Massal.) A. Massal. [15]

- Rinodina archaea* (Ach.) Arnold [14, 15, 17]
Rinodina bischoffii (Hepp) A. Massal. [2, 4, 5, 6, 8, 12, 14, 17]
Rinodina calcarea (Hepp ex Arnold) Arnold [4, 18]
Rinodina capensis Hampe [14, 17]
Rinodina colobina (Ach.) Th. Fr. [17, 18]
Rinodina confragosa (Ach.) Körb. [1, 8, 10, 11]
Rinodina conradii Körb. [17]
Rinodina dubyana (Hepp) J. Steiner [4]
Rinodina efflorescens Malme [20]
Rinodina freyi H. Magn. [11, 17]
Rinodina immersa (Körb.) J. Steiner [4, 5, 6, 7, 12, 14, 17]
Rinodina lecanorina (A. Massal.) A. Massal. [5, 14, 17]
Rinodina luridata var. *immersa* (H. Mayrhofer & Cl. Roux) Cl. Roux [17]
Rinodina luridescens (Anzi) Arnold [1]
Rinodina milvina (Wahlenb.) Th. Fr. [5, 8, 11, 14, 15, 17]. The record of Mayrhofer & Poelt (1979) refers to *Rinodina obnascens*.
Rinodina mniaroea (Ach.) Körb. var. *mniaroea* [14]
Rinodina obnascens (Nyl.) H. Olivier [10, 14]
Rinodina occulta (Körb.) Sheard [10]
Rinodina oleae Bagl. [1, 10, 14]
Rinodina oxydata (A. Massal.) A. Massal. [1, 5]
Rinodina pityrea Ropin & H. Mayrhofer [17]
Rinodina pyrina (Ach.) Arnold [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19]
Rinodina roscida (Sommerf.) Arnold [14]
Rinodina sicula H. Mayrhofer & Poelt [1]
Rinodina sophodes (Ach.) A. Massal. [1, 2, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 17]
Rinodina teichophila (Nyl.) Arnold [17]
Rinodina trachytica (A. Massal.) Bagl. & Carestia [10, 12, 17]
Rinodina trevisanii (Hepp) Körb. [15]
Rinodina turfacea (Wahlenb.) Körb. [5, 14, 15]

Rinodinella controversa (A. Massal.) H. Mayrhofer & Poelt [4, 5, 7, 8, 17, 18]
Rinodinella dubyanoides (Hepp) H. Mayrhofer & Poelt [6]

Roccella phycopsis (Ach.) Ach. [1]

Romjulalaria lurida (Ach.) Timdal [1, 2, 4, 5, 7, 8, 14, 16, 17, 19]

Rostania multipunctata (Degel.) Otálora, P.M. Jørg. & Wedin [5, 17]
Rostania occultata (Bagl.) Otálora, P.M. Jørg. & Wedin [14, 15, 17]

Rufoplaca arenaria (Pers.) Arup, Søchting & Frödén [1, 8, 17]
Rufoplaca subpallida (H. Magn.) Arup, Søchting & Frödén [10, 17]

- Rusavskia elegans* (Link) S.Y. Kondr. & Kärnefelt subsp. *elegans* [1, 2, 3, 4, 5, 6, 7, 8, 10, 14, 15, 17]
Rusavskia papillifera (Vain.) S.Y. Kondr. & Kärnefelt [4, 5, 18]
Rusavskia soreliata (Vain.) S.Y. Kondr. & Kärnefelt [4, 14]
- Sanguineodiscus aractinus* (Fr.) I.V. Frolov & Vondrák [1]
Sanguineodiscus haematites (Chaub.) I.V. Frolov & Vondrák [14, 17]
Sanguineodiscus viridirufus (Ach.) I.V. Frolov & Vondrák [1, 9, 14, 17]
- Sarcogyne clavus* (DC.) Kremp. [9]
Sarcogyne hypophaea (Nyl.) Arnold [10, 17]
Sarcogyne regularis Körb. [1, 4, 5, 7, 8, 14, 17, 19]
- Schaereria fuscocinerea* (Nyl.) Clauzade & Cl. Roux [5, 8, 11, 15, 17]
- Schismatomma pericleum* (Ach.) Branth & Rostr. [14, 20]
- Scoliciosporum chlorococcum* (Graewe ex Stenh.) Vězda [5, 14]
Scoliciosporum sarothamni (Vain.) Vězda [17]
Scoliciosporum umbrinum (Ach.) Lojka var. *umbrinum* [5, 6, 8, 10, 14]
Scoliciosporum umbrinum var. *corticicola* (Anzi) Bagl. & Carestia [9, 11]
- Scutula circumspecta* (Vain.) Kistenich, Timdal, Bendiksbj & S. Ekman [20]
- Scytinium aragonii* (Otálora) Otálora, P.M. Jørg. & Wedin [4]
Scytinium fragrans (Sm.) Otálora, P.M. Jørg. & Wedin [1]
Scytinium gelatinosum (With.) Otálora, P.M. Jørg. & Wedin [1, 4, 5, 7, 10, 11, 14, 15, 17, 20]
Scytinium lichenoides (L.) Otálora, P.M. Jørg. & Wedin [1, 2, 4, 5, 7, 8, 10, 14, 15, 17, 19, 20]
Scytinium magnussonii (Degel. & P.M. Jørg.) Otálora, P.M. Jørg. & Wedin [14]
Scytinium palmatum (Huds.) Gray [5, 17, 20]
Scytinium plicatile (Ach.) Otálora, P.M. Jørg. & Wedin [4, 7, 17]
Scytinium pulvinatum (Hoffm.) Otálora, P.M. Jørg. & Wedin [4, 8, 15, 17]
Scytinium schraderi (Bernh.) Otálora, P.M. Jørg. & Wedin [4, 17]
Scytinium subtile (Schrad.) Otálora, P.M. Jørg. & Wedin [14]
Scytinium tenuissimum (Dicks.) Otálora, P.M. Jørg. & Wedin [14]
Scytinium turgidum (Ach.) Otálora, P.M. Jørg. & Wedin [5, 17]
- Seiophora contortuplicata* (Ach.) Frödén [4, 14]
- Solenopsora caliacrae* Cretz. [1]
Solenopsora candicans (Dicks.) J. Steiner [1, 4, 17]
Solenopsora cesatii (A. Massal.) Zahlbr [4, 17]
Solenopsora grisea (Bagl.) Kotlov [1]
Solenopsora vulturiensis A. Massal. [1]

- Solorina bispora* Nyl. var. *bispora* [5, 14]
Solorina bispora var. *macrospora* (Harm.) H. Olivier [14]
Solorina crocea (L.) Ach. [14, 15, 17]
Solorina saccata (L.) Ach. [5, 7, 10, 14, 17, 18]
Solorina spongiosa (Ach.) Anzi [14]
- Sphaerophorus fragilis* (L.) Pers. [5, 15]
Sphaerophorus globosus (Huds.) Vain. [8]
- Spilonema paradoxum* Bornet [14, 17]
Spilonema revertens Nyl. [20]
- Sporastatia polyspora* (Nyl.) Grumann [8, 14]
Sporastatia testudinea (Ach.) A. Massal. [8, 14, 15]
- Squamarina cartilaginea* (With.) P. James [1, 2, 4, 5, 7, 8, 9, 10, 14, 17, 19, 20]
Squamarina concrescens (Müll. Arg.) Poelt [14]
Squamarina gypsacea (Sm.) Poelt [4, 5, 10, 14, 17, 20]
Squamarina lentigera (Weber) Poelt [12, 17]
- Squamulea subsoluta* (Nyl.) Arup, Søchting & Frödén [7, 17]
- Staurothele ambrosiana* (A. Massal.) Zschacke [17]
Staurothele areolata (Ach.) Lettau [14]
Staurothele bacilligera (Arnold) Arnold [14]
Staurothele caesia (Arnold) Arnold [4, 5]
Staurothele clopimoides (Bagl. & Carestia) J. Steiner [5, 14, 15, 17]
Staurothele fissa (Taylor) Zwackh [14, 15, 17]
Staurothele frustulenta Vain. [5, 8, 10, 14, 17]
Staurothele hymenogonia (Nyl.) Th. Fr. [4, 5, 20]
Staurothele rupifraga (A. Massal.) Arnold [4]
- Stereocaulon alpinum* Laurer [8, 14, 15, 17]
Stereocaulon paschale (L.) Hoffm. [8, 14, 15, 17]
Stereocaulon saxatile H. Magn. [14]
Stereocaulon tomentosum Fr. [5, 8]
- Sticta sylvatica* (Huds.) Ach. [5, 8, 14, 15, 17]
- Swinscowia affinis* (A. Massal.) S.H. Jiang, Lücking & Sérus. [17]
Swinscowia stigmatella (Ach.) S.H. Jiang, Lücking & Sérus. [5, 15]
- Synalissa ramulosa* (Hoffm. ex Bernh.) Fr. [4, 7, 17]
- Teloschistes chrysophthalmus* (L.) Th. Fr. [1]

- Tephromela atra* (Huds.) Hafellner var. *atra* [1, 2, 4, 5, 6, 8, 10, 11, 12, 14, 15, 16, 17, 18, 19]
Tephromela atra var. *torulosa* (Flot.) Hafellner [14]
Tetramelas chloroleucus (Körb.) A. Nordin [14]
Tetramelas insignis (Körb.) Kalb [8, 14]
Thallinocarpon nigritellum (Lettau) P.M. Jørg. [4, 5, 17]
Thalloidima albilabrum (Dufour) Flagey [n; Barreno 1991: map]
Thalloidima candidum (Weber) A. Massal. [2, 3, 4, 5, 7, 8, 10, 14, 16, 17, 18]
Thalloidima opuntioides (Vill.) Kistenich, Timdal, Bendiksby & S. Ekman [1, 2, 8, 17]
Thalloidima rosulatum Anzi [14]
Thalloidima sedifolium (Scop.) Kistenich, Timdal, Bendiksby & S. Ekman [1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 14, 17, 18, 19, 20]
Thalloidima tauricum Szatala [4, 17]
Thamnolia vermicularis (Sw.) Schaer. var. *vermicularis* [5, 14, 15, 17]
Thamnolia vermicularis var. *subuliformis* (Ehrh.) Schaer. [14]
Thelenella modesta (Nyl.) Nyl. [1, 10]
Thelenella muscorum (Th. Fr.) Vain. var. *muscorum* [1, 15]
Thelidium absconditum (Hepp) Rabenh. [14]
Thelidium decipiens (Hepp ex Nyl.) Kremp. [12]
Thelidium fontigenum A. Massal. [5]
Thelidium incavatum Nyl. ex Mudd [14]
Thelidium minutulum Körb. [4]
Thelidium papulare (Fr.) Arnold [14]
Thelidium pertusatii (Garov.) Jatta [14]
Thelidium pyrenophorum (Ach.) A. Massal. [14]
Thelidium zwackhii (Hepp) A. Massal. [5]
Thelopsis isiacae Stizenb. [1]
Thelopsis lojkana (Poetsch & Arnold) Nyl. [17]
Thelopsis rubella Nyl. [15]
Thelotrema lepadinum (Ach.) Ach. [5, 14]
Thrombium epigaeum (Pers.) Wallr. [11, 15]
Thyrea confusa Henssen [4, 5, 8, 14, 17, 18]
Toninia cinereovirens (Schaer.) A. Massal. [1, 2, 4, 7, 8, 9, 17]
Toninia imbricata (Mont.) Arnold [7]
Toninia philippea (Mont.) Timdal [17]
Toninia squalida (Ach.) A. Massal. [6, 10, 14, 15, 17]
Toninia tristis (Th. Fr.) Th. Fr. subsp. *tristis* [6, 14, 15, 17]

- Toniniopsis aromatica* (Sm.) Kistenich, Timdal, Bendiksby & S. Ekman [1, 2]
Toniniopsis bagliettoana (A. Massal. & De Not.) Kistenich & Timdal [1, 2, 5, 7, 14, 15, 17]
- Trapelia coarctata* (Sm.) M. Choisy [8, 14, 20]
- Trapeliopsis flexuosa* (Fr.) Coppins & P. James [5]
Trapeliopsis granulosa (Hoffm.) Lumbsch [5, 14, 15]
Trapeliopsis wallrothii (Flörke ex Spreng.) Hertel & Gotth. Schneid. [10, 15]
- Tremolecia atrata* (Ach.) Hertel [8, 5, 14, 15]
- Umbilicaria crustulosa* (Ach.) Lamy [4, 8, 11, 14, 15, 17]
Umbilicaria cylindrica (L.) Delise, s. lat. [5, 8, 11, 14, 15, 17]
Umbilicaria cylindrica var. *tornata* (Ach.) Nyl. [14, 15]
Umbilicaria decussata (Vill.) Zahlbr. [8, 14, 15]
Umbilicaria deusta (L.) Baumg. [5, 8, 14, 15, 17]
Umbilicaria freyi Codogno, Poelt & Puntillo [14, 17]
Umbilicaria grisea Hoffm. [8, 10, 14]
Umbilicaria hirsuta (Sw. ex Westr.) Ach. [4, 5, 8, 10, 17, 18]
Umbilicaria laevis (Schaer.) Frey [14]
Umbilicaria leiocarpa DC. [14]
Umbilicaria maculata Krzew., M.P. Martín & M.A. García [11, 15]
Umbilicaria microphylla (Laurer) A. Massal. [14, 15]
Umbilicaria nylanderiana (Zahlbr.) H. Magn. [14]
Umbilicaria polyphylla (L.) Baumg. [5, 8, 15, 17]
Umbilicaria proboscidea (L.) Schrad. [8, 14, 15]
Umbilicaria spodochoa Hoffm. [1, 4, 5, 8, 15, 17]
Umbilicaria subglabra (Nyl.) Harm. [8, 14]
Umbilicaria torrefacta (Lightf.) Schrad. [8]
Umbilicaria vellea (L.) Ach. [1, 4, 5, 8, 14, 15, 17]
- Usnea anatolica* Motyka [15, 17]
Usnea barbata (L.) F.H. Wigg [5, 8, 9, 11, 12, 14, 15, 16, 17]
Usnea bithynica Motyka [14, 17]
Usnea cavernosa Tuck. [8, 14, 15, 17]
Usnea ceratina Ach. [5, 15, 16, 17]
Usnea chaetophora Stirt. [5]
Usnea cornuta Körb. [n; Randle et al. 2009: 443]
Usnea czeczottiae Motyka [8, 11, 14, 17]
Usnea dasopoga (Ach.) Nyl. (often spelled as '*Usnea dasypoga*') [5, 8, 9, 11, 12, 14, 15, 16, 17, 20]
Usnea esperantiana P. Clerc [5]
Usnea florida (L.) F.H. Wigg. [5, 8, 14, 15, 16, 17]

- Usnea glabrata* (Ach.) Vain. [15]
Usnea glabrescens (Nyl. ex Vain.) Vain. var. *glabrescens* [8, 14, 15, 17]
Usnea glabrescens var. *fulvoreaegens* Räsänen [1, 5, 8, 15, 17]
Usnea hirta (L.) F.H. Wigg. [5, 8, 11, 14, 15, 17]
Usnea intermedia (A. Massal.) Jatta [5, 8, 14, 15, 17]
Usnea longissima Ach. [5, 15]
Usnea perplexans Stirt. [5, 8, 9, 11, 14, 15, 16, 17]
Usnea pinkertonii Stirt. [5]
Usnea raesaenenii Bystrek (as ‘*Usnea räsänenii*’) [17]
Usnea reticulata Vain. [5, 8, 17]
Usnea subfloridana Stirt. [5, 8, 15, ?16, 17, 19]
Usnea substerilis Motyka [8, 15, 14, 17]
Usnea wasmuthii Räsänen [8]
- Usnochroma carphineum* (Fr.) Søchting, Arup & Frödén [10]
- Vahliaella leucophaea* (Vahl) P.M. Jørg. [4, 5, 8, 14, 15, 17]
- Varicellaria hemisphaerica* (Flörke) I. Schmitt & Lumbsch [1, 11, 14, 15, 20]
Varicellaria kasandjeffii (Szatala) I. Schmitt & Lumbsch [17] (Fig. 4)
Varicellaria lactea (L.) I. Schmitt & Lumbsch [8, 14, 15, 17]
- Variospora aegaea* (Sipman) Arup, Frödén & Søchting [1]
Variospora aurantia (Pers.) Arup, Frödén & Søchting [1, 4, 5, 7, 8, 10, 17]
Variospora flavescens (Huds.) Arup, Frödén & Søchting [7, 14, 17]
Variospora thallincola (Wedd.) Arup, Frödén & Søchting [1]
- Verrucaria acrotella* Ach. [12, 17]
Verrucaria aethiobola Wahlenb. [5, 15, 17]
Verrucaria alpicola Zschacke [15]
Verrucaria anziana Garov. [15]
Verrucaria aquatilis Mudd [5]
Verrucaria balcicensis Servít [1]
Verrucaria boblensis Servít [2]
Verrucaria bulgarica Szatala [17]
Verrucaria caliacrensis Servít [1]
Verrucaria coerulea DC. [1, 2, 4, 5, 7, 14]
Verrucaria dobrogensis Cretz. [1]
Verrucaria dolomitica (A. Massal.) Kremp. [1, 8]
Verrucaria dolosa Hepp [5]
Verrucaria elaeina Borrer [2]
Verrucaria elaeomelaena (A. Massal.) Anzi [5, 14]. The reports of Szatala (1929, 1930, as ‘*V. elaeomeleana* f. *silicicola*’) from the Balkan Range and the Rhodopes refer to *V. funckii*.

- Verrucaria eusebii* Servít [7]
Verrucaria funckii (Spreng.) Zahlbr. [5, 8, 14, 17]
(?) *Verrucaria glaucovirens* Grumann [17]
(?) *Verrucaria halizoa* Leight. [1]
Verrucaria hochstetteri Fr. [8, 14, 17]
Verrucaria hydrophila Orange [5]
Verrucaria klementii Servít [1]
Verrucaria lettaui Servít [1]
Verrucaria macrostoma DC. [1, 4, 7]
Verrucaria margacea (Wahlenb.) Wahlenb. [5, 14, 15]
Verrucaria muralis Ach. [1, 2, 5, 8, 17]
Verrucaria nigrescens Pers. [1, 2, 4, 5, 7, 8, 10, 12, 14, 17, 19]
Verrucaria obfuscans Nyl. [5, 16]
Verrucaria obscurella Servít [1]
Verrucaria pachyderma Arnold [15]. The reports of Zhelezova (1956b) and Ivanov (2010) from the Pirin Mts refer to *V. funckii*.
Verrucaria polysticta Borrer [1, 5, 14, 17]
Verrucaria praetermissa (Trevis.) Anzi [2]
(?) *Verrucaria procopii* Servít [17]
Verrucaria saprophila (A. Massal.) Trevis. [1]
Verrucaria sphaerospora Anzi [1, 17]
Verrucaria subdolosa Servít [5]
Verrucaria submersella Servít [15]
Verrucaria umbrinula Nyl. [1]
Verrucaria veronensis A. Massal. [4]
Verrucaria viridula (Schrad.) Ach. [8]
- Verruculopsis lecideoides* (A. Massal.) Gueidan & Cl. Roux var. *lecideoides* [1, 4, 5, 7, 8, 16, 17]
Verruculopsis lecideoides var. *minuta* (A. Massal.) Nimis et al. (nom. prov. prop.) [1]. The reports of *Verrucaria minuta* (A. Massal.) Zschacke from the Balkan Range and Mt. Vitosha (Krzewicka et al. 2007; Stoykov 2009) refer to *Verruculopsis lecideoides* var. *lecideoides*.
- Vulpicida juniperinus* (L.) J.-E. Mattsson & M.J. Lai [15]
Vulpicida pinastri (Scop.) J.-E. Mattsson & M.J. Lai var. *pinastri* [4, 5, 8, 14, 15, 17]
Vulpicida pinastri var. *soralifera* (Frey) J.-E. Mattsson [8]
- Wahlenbergiella striatula* (Wahlenb.) Gueidan & Thüs [1]
- Xalocoa ocellata* (Fr.) Kraichak, Lücking & Lumbsch [1, 5, 7, 17, 20]
Xanthocarpia aquensis (Houmeau & Cl. Roux) Frödén, Arup & Søchting [1]
Xanthocarpia crenulatella (Nyl.) Frödén, Arup & Søchting [1, 14, 17, 18]

- Xanthocarpia diffusa* (Vondrák & Llimona) Frödén, Arup & Søchting [1, 17]
Xanthocarpia lactea (A. Massal.) A. Massal. [4, 7, 17]
Xanthocarpia marmorata (Bagl.) Frödén, Arup & Søchting [1, 17, 18]
Xanthocarpia ochracea (Schaer.) A. Massal. & De Not. [4, 5, 7, 8, 14, 17]
- Xanthomendoza fallax* (Hepp) Søchting, Kärnefelt & S.Y. Kondr., s. lat. [5, 6, 7, 8, 14, 15, 17]
Xanthomendoza fulva (Hoffm.) Søchting, Kärnefelt & S.Y. Kondr. [5, 15]
- Xanthoparmelia conspersa* (Ehrh. ex Ach.) Hale [1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 14, 15, 16, 17, 18, 20]
Xanthoparmelia delisei (Duby) O. Blanco, A. Crespo, Elix, D. Hawksw. & Lumbsch [8]
Xanthoparmelia loxodes (Nyl.) O. Blanco, A. Crespo, Elix, D. Hawksw. & Lumbsch [1, 8]
Xanthoparmelia pokornyi (Körb.) O. Blanco, A. Crespo, Elix, D. Hawksw. & Lumbsch [5, 10, 15]
Xanthoparmelia pulla (Ach.) O. Blanco, A. Crespo, Elix, D. Hawksw. & Lumbsch [1, 4, 5, 6, 8, 10, 11, 14, 15, 17, 19]
Xanthoparmelia ryssolea (Ach.) O. Blanco, A. Crespo, Elix, D. Hawksw. & Lumbsch [1, 2, 5, 6]
Xanthoparmelia stenophylla (Ach.) Ahti & D. Hawksw. [1, 2, 5, 8, 9, 10, 14, 15, 16, 17, 19, 20]
Xanthoparmelia sublaevis (Cout.) Hale [15, 16]
Xanthoparmelia tinctina (Maheu & A. Gillet) Hale [1, 14, 16, 17]
Xanthoparmelia verruculifera (Nyl.) O. Blanco, A. Crespo, Elix, D. Hawksw. & Lumbsch [1, 2, 4, 5, 6, 8, 14, 15, 17, 18]
- Xanthoria calcicola* Oxner [1, 2, 4, 7, 10, 17, 19]
Xanthoria mediterranea Giralt, Nimis & Poelt [1]
Xanthoria nowakii S.Y. Kondr. & Bielczyk [17]
Xanthoria parietina (L.) Th. Fr. [1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 13, 14, 15, 16, 17, 18, 20]
- Xylographa pallens* (Nyl.) Malmgren [17]. Published by Szatala (1930: 65, as '*Xylographa abietina* f. *pallens* (Nyl.) Zahlbr.'). Mayrhofer et al. (2005) treated this taxon as synonym of *X. parallela*.
- Xylographa parallela* (Ach.) Fr. [5, 14, 15, 17]
Xylographa vitiligo (Ach.) J.R. Laundon [17]
- Zwackhia viridis* (Ach.) Poetsch & Schied. [5, 20]

Lichenicolous fungi

- Abrothallus parmeliarum* (Sommerf.) Arnold [11, 14]
Arthonia diploiciae Calat. & Diederich [1]
Arthonia molendoi (Heufl. ex Arnold) R. Sant. [15]
Arthonia oligospora Vězda [1]
Arthonia parietinaria Hafellner & Fleischhacker [7]
Arthonia varians (Davies) Nyl. [8, 10, 11]
Athelia arachnoidea (Berk.) Jülich [5, 17]

Carbonea vitellinaria (Nyl.) Hertel [11, 14, 15]
Cercidospora caudata Kernst. [1, 17, 18]
Cercidospora epipolytropa (Mudd) Arnold [15]
Clypeococcum hemiamyloideum Shivarov [15]

Didymocyrtis cladoniicola (Diederich, Kocourk. & Etayo) Ertz & Diederich [6]

Endococcus perpusillus Nyl. [8, 15]
Endococcus propinquus (Körb.) Trevis., s. l. [8]
Endococcus verrucosus Hafellner [8]

Illosporopsis christiansenii (B.L. Brady & D. Hawksw.) D. Hawksw. [1]
Intralichen christiansenii (D. Hawksw.) D. Hawksw. & M.S. Cole [5, 17]

Lichenonium erodens M.S. Christ. & D. Hawksw. [5]
Lichenonium lecanorae (Jaap) D. Hawksw. [7, 17]
Lichenostigma chlaroteræ (F. Berger & Brackel) Ertz & Diederich [15]
Lichenostigma elongatum Nav.-Ros. & Hafellner [17]

Marchandiomyces corallinus (Roberge) Diederich & D. Hawksw. [1, 5, 17]
Milospium graphideorum (Nyl.) D. Hawksw. [1]
Muellerella erratica (A. Massal.) Hafellner & Volk. John [1, 8, 17]
Muellerella lichenicola (Sommerf.) D. Hawksw. [8, 12]
Muellerella pygmaea (Körb.) D. Hawksw. [8]

Nesolechia oxyspora var. *fusca* (Triebel & Rambold) Diederich [14]

Opegrapha rupestris Pers. [2, 12, 17]

Phacopsis vulpina Tul. [14]
Plectocarpon encausticum (Nyl.) R. Sant. [8]
Polycoccum marmoratum (Kremp.) D. Hawksw. [5, 12]
Polycoccum pulvinatum (Eitner) R. Sant. [17]
Polysporina subfuscescens (Nyl.) K. Knudsen & Kocourk [10, 14, 17]
Pronectria subimperspicua (Speg.) Lowen [5]
Pyrenochaeta xanthoriae Diederich [7, 17]

Refractohilum peltigeræ (Keissl.) D. Hawksw. [n; Keissler 1933: 388]

- Sarcopyrenia gibba* var. *geisleri* (Beckh. ex Körb.) Nav.-Ros. & Hladún [17]
Sclerococcum saxatile (Schaer.) Ertz & Diederich [19]
Sphaerellothecium pumilum (Lettau) Nav.-Ros., Cl. Roux & Hafellner [14]
Sphinctrina turbinata Fr. [10]
Stigmatidium congestum (Körb.) Triebel [12]
Stigmatidium gyrophorarum (Arnold) D. Hawksw. [8, 15]
Stigmatidium rivulorum (Kernst.) Cl. Roux & Nav.-Ros. [14]
Stigmatidium tabacinae (Arnold) Triebel [1, 2]
Taeniolella phaeophysciae D. Hawksw. [15, 20]
Xanthoriicola physciae (Kalchbr.) D. Hawksw. [5, 17]

Non-lichenized fungi

(fungi traditionally included in the lichenological literature)

- Agyrium rufum* (Pers.) Fr. [17]
Arthonia punctiformis Ach. [1, 8, 17]
Arthopyrenia analepta (Ach.) A. Massal. [8, 15, 20]
Arthopyrenia cerasi (Schrad.) A. Massal. [4, 17]
Arthopyrenia cinereopruinosa (Schaer.) A. Massal. [17]
Arthopyrenia stenospora Körb. [8, 15]
Blastodesmia nitida A. Massal. [14, 17]
Celothelium buxi (J. Steiner) M.B. Aguirre [15] (in Szatala 1930: 63 as '*Campylacia psilotera* (Nyl.) Vain.')
- Chaenothecopsis pusilla* (Ach.) A.F.W. Schmidt [14]
Didymella punctiformis f. *acerina* (Hepp) Vain. [5, 8, 15, 17]
Leptorhaphis atomaria (Ach.) Szatala [1]
Leptorhaphis epidermidis (Ach.) Th. Fr. [8, 17]
Leptorhaphis parameca (A. Massal.) Körb. [17]
Leptosillia macrospora (Eitner) Voglmayr & Jaklitsch [8]
Leptosillia wienkampii (J. Lahm ex Hazsl.) Voglmayr & Jaklitsch [8, 12]
Lichenothelia scopularia (Nyl.) D. Hawksw. [5]
Mycocalicium subtile (Pers.) Szatala [17]
Mycoglaena betularia (Nyl.) Vain. [15]
Mycoglaena kuemmerlei (Szatala) Szatala [6, 8]
Mycocomrothelia confluens (Müll. Arg.) D. Hawksw. [1]
Naetrocymbe fraxini (A. Massal.) R.C. Harris [1, 17]
Naetrocymbe punctiformis (Pers.) R.C. Harris [1, 5, 8, 14, 15, 17]

Naetrocymbe rhyponia (Ach.) R.C. Harris [8]

Peridiothelia fuliguneta (Norman) D. Hawksw. [8, 15]

Phaeocalicium compressulum (Nyl. ex Vain.) A.F.W. Schmidt [15]

Phaeocalicium polyporaenum (Nyl.) Tibell [20]

Stenocybe pullatula (Ach.) Stein [15]

Tomasellia arthonioides (A. Massal.) A. Massal. [8, 17]

List of synonyms

Lichenized fungi

Acarospora atrata Hue = *Acarospora impressula*

Acarospora cervina f. *leucospora* A. Massal. = *Acarospora cervina* var. *cervina*

Acarospora chlorophana (Wahlenb.) A. Massal. = *Pleopsidium chlorophanum*

Acarospora fuscata f. *elegantella* H. Magn. = *Acarospora fuscata*

Acarospora fuscata f. *smaragdula* Wahlenb. ex Ach. = *Myriospora smaragdula*

Acarospora heppii Nägeli ex Körb. = *Caeruleum heppii*

Acarospora lesdainii Harm. ex A.L. Sm. = *Myriospora smaragdula*

Acarospora oxytona (Ach.) A. Massal.

Acarospora scabra (Pers.) Th. Fr. [14] = *Glypholecia scabra*

Acarospora smaragdula subsp. *lesdainii* (Harm. ex A.L. Sm.) Clauzade & Cl. Roux =
Myriospora smaragdula

Acarospora smaragdula (Wahlenb.) A. Massal. subsp. *smaragdula* = *Myriospora smaragdula*

Acarospora smaragdula var. *lesdainii* (Harm. ex A.L. Sm.) H. Magn. = *Myriospora smaragdula*

Acarospora squamulosa sensu Th. Fries, non (Schrad.) Trevis. = *Acarospora macrospora*

Acarospora veronensis f. *turgida* H. Magn. = *Acarospora veronensis*

Acrocordia alba (Schrad.) B. de Lesd. = *Acrocordia gemmata*

Alectoria bicolor (Ehrh.) Nyl. = *Bryoria bicolor*

Alectoria cana (Ach.) Leight. = *Bryoria capillaris*

Alectoria capillaris (Ach.) Cromb. = *Bryoria capillaris*

Alectoria catarinae Räsänen = *Bryoria implexa*

Alectoria chalybeiformis (L.) Röhl. = *Bryoria chalybeiformis*

Alectoria degenii Szatala = *Bryoria capillaris*

Alectoria fuscescens Gyeln. = *Bryoria fuscescens*

Alectoria fuscescens f. *opaca* Motyka = *Bryoria fuscescens*

Alectoria fuscidula auct. = *Bryoria capillaris*

Alectoria haynaldii Gyeln. = *Bryoria fuscescens*

- Alectoria implexa* (Hoffm.) Nyl. = *Bryoria implexa*
Alectoria jubata auct. p.p. = *Bryoria fuscescens*
Alectoria jubata f. *capillaris* Ach. = *Bryoria capillaris*
Alectoria jubata f. *prolixa* (Ach.) Th. Fr. = *Bryoria fuscescens*
Alectoria jubata var. *chalybeiformis* (L.) Ach. = *Bryoria chalybeiformis*
Alectoria jubata var. *implexa* (Hoffm.) Th. Fr. = *Bryoria implexa*
Alectoria jubata var. *prolixa* Ach. = *Bryoria fuscescens*
Alectoria jubata var. *subcana* Nyl. ex Stizenb. = *Bryoria fuscescens*
Alectoria lanata (Neck.) Nyl. = *Pseudephebe pubescens*
Alectoria minuscula (Arnold) Degel. = *Pseudephebe minuscula*
Alectoria ochroleuca var. *crinalis* (Ach.) Nyl. = *Ramalina thrausta*
Alectoria pellucida Motyka = *Bryoria pellucida*
Alectoria positiva (Gyeln.) Motyka = *Bryoria fuscescens*
Alectoria sophiae Motyka = *Bryoria sophiae*
Alectoria subcana (Nyl. ex Stizenb.) Gyeln. = *Bryoria fuscescens*
Alectoria thrausta Ach. = *Ramalina thrausta*
Alectoria vrangiana Gyeln. = *Bryoria implexa*
- Allarthonia lapidicola* auct., non (Taylor) Zahlbr. = *Arthonia fusca*
Allarthonia lapidicola var. *runderella* (Nyl.) B. de Lesd. = (?) *Arthonia fusca*
- Anaptychia ciliaris* f. *platyphylla* (Wallr.) Flot. = *Anaptychia ciliaris*
Anaptychia ciliaris f. *verrucosa* (Ach.) Boistel = *Anaptychia ciliaris*
Anaptychia ciliaris var. *crinalis* (Schleich.) Rabenh. = *Anaptychia crinalis*
Anaptychia ciliaris var. *melanosticta* (Ach.) Boistel = *Anaptychia ciliaris*
Anaptychia kaspica Gyeln. = *Anaptychia setifera*
Anaptychia obscurata (Nyl.) Vain. = *Heterodermia obscurata*
Anaptychia speciosa (Wulfen) A. Massal. = *Heterodermia speciosa*
- Arthonia impolita* (Hoffm.) Borrer = *Pachnolepia pruinata*
Arthonia lapidicola auct., non (Taylor) Branth & Rostr. = *Arthonia fusca*
Arthonia pruinata (Pers.) A.L. Sm. = *Pachnolepia pruinata*
Arthonia radiata f. *applanata* Vain. = *Arthonia radiata*
Arthonia radiata f. *astroidea* (Ach.) Ach. = *Arthonia radiata*
Arthonia radiata f. *olivacea* Vain. = *Arthonia radiata*
- Arthopyrenia alba* (Schrad.) Zahlbr. = *Acrocordia gemmata*
Arthopyrenia conoidea (Fr.) Zahlbr. = *Acrocordia conoidea*
Arthopyrenia fallax (Nyl.) Arnold = *Arthopyrenia analepta*
Arthopyrenia fraxini A. Massal. = *Naetrocymbe fraxini*
Arthopyrenia gemmata (Ach.) A. Massal. = *Acrocordia gemmata*
Arthopyrenia personii A. Massal. = *Naetrocymbe punctiformis*
Arthopyrenia punctiformis (Pers.) A. Massal. = *Naetrocymbe punctiformis*
Arthopyrenia rhypona (Ach.) A. Massal. = *Naetrocymbe rhypona*

- Arthrorhaphis flavovirescens* (Dicks.) Th. Fr. = *Arthrorhaphis citrinella*
- Aspicilia adunans* var. *glacialis* Arnold = *Aspilidea myrini*
- Aspicilia alpina* (Sommerf.) Arnold = *Bellemerea alpina*
- Aspicilia alpina* f. *nuda* (Vain.) Zahlbr. = *Bellemerea alpina*
- Aspicilia alpina* var. *sulphurata* (Th. Fr.) Sydow = *Bellemerea alpina*
- Aspicilia caesioalba* (Le Prévost) Hue = *Circinaria contorta*
- Aspicilia caesiocinerea* (Nyl. ex Malbr.) Arnold = *Circinaria caesiocinerea*
- Aspicilia calcarea* f. *farinosa* auct., non (Flörke) Körb. = *Lobothallia controversa*
- Aspicilia calcarea* f. *ochracea* (Körb.) Leight. = *Circinaria calcarea*
- Aspicilia calcarea* var. *concreta* (Schaer.) Körb. = *Circinaria calcarea*
- Aspicilia calcarea* var. *contorta* (Hoffm.) Körb. = *Circinaria contorta*
- Aspicilia calcarea* var. *hoffmannii* Ach. = *Circinaria hoffmanniana*
- Aspicilia cinerea* f. *alba* (Schaer.) Anzi = *Aspicilia cinerea*
- Aspicilia cinerea* f. *corticola* Szatala = *Aspicilia cinerea*
- Aspicilia cinerea* f. *graphica* (Ach.) Mig. = *Aspicilia cinerea*
- Aspicilia cinerea* f. *obscurata* (Fr.) Körb. = *Aspicilia cinerea*
- Aspicilia cinerea* f. *ochraceoferruginea* Szatala = *Aspicilia cinerea*
- Aspicilia cinerea* f. *olivaceoatra* Szatala = *Aspicilia cinerea*
- Aspicilia cinerea* var. *spermatomanes* Nyl. = *Aspicilia cinerea*
- Aspicilia cinereorufescens* (Ach.) A. Massal. = *Bellemerea cinereorufescens*
- Aspicilia contorta* (Hoffm.) Körb. = *Circinaria contorta*
- Aspicilia contorta* subsp. *hoffmanniana* Ekman & Fröberg = *Circinaria hoffmanniana*
- Aspicilia contorta* var. *calcarea* Ach. = *Circinaria calcarea*
- Aspicilia contorta* var. *concreta* Rabh. = *Circinaria contorta*
- Aspicilia cupreoatra* (Nyl.) Arnold = *Immersaria cupreoatra*
- Aspicilia cupreoglauc*a B. de Lesd. = *Aspiciliella cupreoglauc*a
- Aspicilia farinosa* auct., non (Flörke) Arnold = *Lobothallia controversa*
- Aspicilia gibbosa* auct. europ., non (Ach.) Körb. = *Circinaria caesiocinerea*
- Aspicilia hoffmanniana* (S. Ekman & Fröberg ex R. Sant.) Cl. Roux & M. Bertrand =
Circinaria hoffmanniana
- Aspicilia hoffmannii* auct. = *Circinaria hoffmanniana*
- Aspicilia intermutans* (Nyl.) Arnold = *Aspiciliella intermutans*
- Aspicilia lacustris* (With.) Th. Fr. = *Ionaspis lacustris*
- Aspicilia laevata* var. *albicans* Arnold = *Aspicilia laevata*
- Aspicilia microlepis* var. *verrucarioides* (Eitner) Szatala = *Miriquidica complanata*
- Aspicilia rosacea* Hue = *Aspicilia candida*
- Bacidia bagliettoana* (A. Massal. & De Not.) Jatta = *Toniniopsis bagliettoana*
- Bacidia beckhausii* Körb. = *Biatora beckhausii*
- Bacidia chlorococca* (Graewe ex Stenh.) Lettau = *Scoliciosporum chlorococcum*
- Bacidia circumspecta* (Nyl. ex Vain.) Malme = *Scutula circumspecta*
- Bacidia citrinella* (Ach.) Branth & Rostr. = *Arthrorhaphis citrinella*

- Bacidia flavovirescens* (Dicks.) Anzi = *Arthrorhaphis citrinella*
Bacidia incompta (Borrer) Anzi = *Bellicidia incompta*
Bacidia inundata (Fr.) Körb. = *Bacidina inundata*
Bacidia luteola (Ach.) Mudd = *Bacidia rubella*
Bacidia minuscula Anzi = *Biatora beckhausii*
Bacidia minuscula var. *obscurior* (Th. Fr.) Vain. = *Biatora beckhausii*
Bacidia muscorum (Ach.) Mudd = *Toniniopsis bagliettoana*
Bacidia muscorum var. *terrestris* (Nyl.) Vain. = *Toniniopsis bagliettoana*
Bacidia naegeliai (Hepp) Zahlbr. = *Lecania naegeliai*
Bacidia neosquamulosa Aptroot & Herk = *Bacidina neosquamulosa*
Bacidia nitschkeana (J. Lahm ex Rabenh.) Zahlbr. = *Micareia nitschkeana*
Bacidia phacodes Körb. = *Bacidina phacodes*
Bacidia propingua (Stizenb.) Arnold = *Bilimbia sabuletorum*
Bacidia rubella var. *porriginosa* (Turner) H. Olivier = *Bacidia rubella*
Bacidia sabuletorum (Schreb.) Lettau = *Bilimbia sabuletorum*
Bacidia subacerina Vain. = *Bacidia laurocerasi*
Bacidia umbrina (Ach.) Bausch = *Scoliciosporum umbrinum* var. *umbrinum*
Bacidia umbrina var. *turgida* (Körb.) Th. Fr. = *Scoliciosporum umbrinum* var. *umbrinum*
- Baeomyces byssoides* (L.) P. Gaertn., B. Mey. & Scherb. = *Baeomyces rufus*
Baeomyces roseus Pers. = *Dibaeis baeomyces*
Baeomyces rufus f. *rupestris* (Pers. ex Ach.) Harm. = *Baeomyces rufus*
Baeomyces rufus var. *rupestris* (Pers. ex Ach.) Huds. = *Baeomyces rufus*
Baeomyces rufus var. *sessilis* (DC.) Nyl. = *Baeomyces rufus*
- Biatora ambigua* A. Massal. = *Lecidella elaeochroma*
Biatora atrorufa (Dicks.) Fr. = *Lecidoma demissum*
Biatora coarctata var. *elacista* (Ach.) Th. Fr. = *Trapelia coarctata*
Biatora demissa (Rutstr.) Fr. = *Lecidoma demissum*
Biatora fusciorubens Nyl. = *Clauzadea monticola*
Biatora granulosa (Hoffm.) Flot. = *Trapeliopsis granulosa*
Biatora immersa (Hoffm.) P. Syd. = *Clauzadea immersa*
Biatora lucida (Ach.) Fr. = *Psilolechia lucida*
Biatora obscurella (Sommerf.) Arnold = *Lecanora phaeostigma*
- Biatorella cinerea* (Schaer.) Th. Fr. = *Sporastatia polyspora*
Biatorella coracina (Hoffm.) Lynge = *Sporastatia testudinea*
Biatorella pruinosa auct. = *Sarcogyne regularis*
Biatorella pruinosa f. *intermedia* (Körb.) Lettau = *Sarcogyne regularis*
Biatorella pruinosa f. *macroloma* (Flörke ex Körb.) Lettau = *Sarcogyne regularis*
Biatorella pruinosa var. *intermedia* (Körb.) H. Magn. = *Sarcogyne regularis*
Biatorella simplex ('Davies') Branth & Rostr. = *Acarospora privigna*
Biatorella simplex var. *minor* (B. de Lesd.) Zahlbr. = *Acarospora privigna*
Biatorella simplex var. *strepodina* (Ach.) H. Olivier = *Acarospora privigna*

- Biatorella testudinea* (Ach.) A. Massal. = *Sporastatia testudinea*
Biatorella testudinea f. *coracina* auct. = *Sporastatia testudinea*
Biatorella testudinea var. *pallens* Th. Fr. = *Sporastatia testudinea*

Biatorina lenticularis f. *vulgaris* Körb. = *Catillaria chalybeia*
Biatorina minuta A. Massal. = *Catillaria minuta*

Bilimbia fuscoviridis var. *hygrophila* (Stizenb.) Arnold = *Bacidia fuscoviridis*
Bilimbia naegelii (Hepp.) Kremp. = *Lecania naegelii*
Bilimbia nitschkeana J. Lahm ex Rabenh. = *Micarea nitschkeana*
Bilimbia populorum (A. Massal.) Vain. = *Arthrosporium populorum*

Blastenia albopruinosa (Arnold) Th. Fr. = *Pyrenodesmia albopruinosa*
Blastenia ferruginea f. *obliterata* (Körb.) Kernst. = *Blastenia ferruginea*
Blastenia leucoraea (Ach.) Th. Fr. = *Bryoplaca sinapisperma*
Blastenia ochracea (Schaer.) Trevis. = *Xanthocarpia ochracea*
Blastenia ochracea var. *lactea* (A. Massal.) ... = *Xanthocarpia ochracea*

Bryopogon degenii (Szat.) Gyeln. = *Bryoria capillaris*
Bryopogon ochroleucus var. *tenuior* (Cromb.) Gyeln. = *Alectoria ochroleuca*

Bryoria subcana (Nyl. ex Stizenb.) Brodo & D. Hawksw. = *Bryoria fuscescens*

Buellia alboatra (Hoffm.) Th. Fr. = *Diplotomma alboatrum*
Buellia alboatra var. *ambigua* (Ach.) Th. Fr. = *Diplotomma alboatrum*
Buellia alboatra var. *epipolia* (Ach.) Rostr. = *Diplotomma alboatrum*
Buellia alboatra var. *venusta* (Körb.) Th. Fr. = *Diplotomma venustum*
Buellia alboatra var. *zabotica* (Körb.) Th. Fr. = *Diplotomma pharcidium*
Buellia ambigua (Ach.) Malme = *Diplotomma alboatrum*
Buellia atrata (Sm.) Anzi = *Orphniospora moriopsis*
Buellia badia (Fr.) A. Massal. = *Monerolechia badia*
Buellia canescens (Dicks.) De Not. = *Diploicia canescens*
Buellia canescens f. *tegularis* Cretz. = *Diploicia canescens*
Buellia canescens var. *dionysiopolitana* Cretz. = *Diploicia canescens*
Buellia disciformis f. *ecrustacea* (Nyl.) A.L. Sm. = *Buellia disciformis*
Buellia disciformis f. *microcarpa* (Ach.) Mig. = *Buellia disciformis*
Buellia disciformis f. *rugulosa* (Schaer.) Räsänen = *Buellia disciformis*
Buellia disciformis var. *saprophila* (Ach.) Mudd = *Buellia erubescens*
Buellia epipolia (Ach.) Mong. = *Diplotomma alboatrum*
Buellia epipolia f. *convexa* Cretz. ex Servít & Cretz. = *Diplotomma venustum*
Buellia insignis Körb. = *Tetramelas insignis*
Buellia insignis var. *muscorum* (Hepp) Körb. = *Tetramelas insignis*
Buellia myriocarpa f. *stigmatea* (Schaer.) Stein = *Amandinea punctata*
Buellia parasema (Ach.) De Not. = *Buellia disciformis*
Buellia parasema f. *saprophila* (Ach.) Stein = *Tetramelas chloroleucus*

- Buellia porphyrica* (Arnold) Mong. = *Diplotomma chlorophaeum*
Buellia punctata (Hoffm.) A. Massal. = *Amandinea punctata*
Buellia punctata var. *aequata* (Ach.) Zahlbr. = *Amandinea punctata*
Buellia punctiformis f. *depauperata* (Anzi) Arnold = *Amandinea punctata*
Buellia punctiformis f. *punctata* (Hoffm.) Vain. = *Amandinea punctata*
Buellia punctiformis f. *stigmatea* (Schaer.) Vain. = *Amandinea punctata*
Buellia stigmatea (Schaer.) Körb. = *Amandinea punctata*
- Calicium abietinum* var. *denigratum* (Vain.) Zahlbr. = *Calicium abietinum*
Calicium abietinum var. *pumilum* (Kremp.) Zahlbr. = *Calicium abietinum*
Calicium hyperellum (Ach.) Ach. = *Calicium viride*
Calicium salicinum var. *trachelinum* Vain. = *Calicium salicinum*
Calicium subtile Pers. = *Mycocalicium subtile*
Calicium viride f. *hyperellum* (Ach.) Vain. = *Calicium viride*
- Calloposma aurantiacum* var. *rubescens* (Schaer.) Mudd. = *Squamulea subsoluta*
Calloposma cerinum (Ehrh. ex Hedw.) De Not. = *Caloplaca cerina*
Calloposma cerinum var. *effusum* A. Massal. = *Caloplaca cerina*
Calloposma chalybaeum (Fr.) Trevis. = *Pyrenodesmia chalybaea*
Calloposma ferrugineum (Huds.) Trevis. = *Blastenia ferruginea*
Calloposma ferrugineum var. *musculicola* (Schaer.) Stein = *Blastenia ammiospila*
Calloposma ferrugineum var. *saxicolum* (A. Massal.) Jatta = *Blastenia crenularia*
Calloposma ochraceum (Schaer.) A. Massal. = *Xanthocarpia ochracea*
Calloposma pyraceum (Ach.) Stein = *Athallia pyracea*
Calloposma sinapispermum (DC.) Trevis. = *Bryoplaca sinapisperma*
- Caloplaca aegaea* Sipman = *Variospora aegaea*
Caloplaca agardhiana auct. = *Pyrenodesmia albopruinosa*
Caloplaca albolutescens (Nyl.) H. Olivier = *Kuettlingeria albolutescens*
Caloplaca albopruinosa (Arnold) H. Olivier = *Pyrenodesmia albopruinosa*
Caloplaca alnetorum Giralt, Nimis & Poelt = *Athallia alnetorum*
Caloplaca alociza (A. Massal.) Mig. = *Pyrenodesmia alociza*
Caloplaca ammiospila (Wahlenb.) H. Olivier = *Blastenia ammiospila*
Caloplaca aquensis Houmeau & Cl. Roux = *Xanthocarpia aquensis*
Caloplaca aractina (Fr.) Häyrén = *Sanguineodiscus aractinus*
Caloplaca arcis (Poelt & Vězda) Arup = *Flavoplaca arcis*
Caloplaca arenaria (Pers.) Müll. Arg. = *Rufoplaca arenaria*
Caloplaca arenaria var. *lallavei* (Clemente ex Ach.) Zahlbr. = *Kuettlingeria erythrocarpa*
Caloplaca arnoldiana (Servít & Čern.) Servít & Poelt = *Caloplaca coccinea*
Caloplaca arnoldii subsp. *oblitterata* (Pers.) Gaya = *Calogaya arnoldii* subsp. *oblitterata*
Caloplaca asserigena (Stizenb.) Della Torre & Sarnth. = *Marchantiana asserigena*
Caloplaca atroflava (Turner) Mong. = *Kuettlingeria atroflava*
Caloplaca aurantia (Pers.) Hellb. = *Variospora aurantia*

- Caloplaca aurantia* var. *heppiana* (Müll. Arg.) Poelt = *Variospora flavescens*
Caloplaca aurantiaca auct., non (Lightf.) Th. Fr. = *Gyalolechia flavorubescens*
Caloplaca aurantiaca var. *coronata* (Kremp. ex Körb.) Jatta = *Flavoplaca coronata*
Caloplaca aurantiaca var. *oasis* (A. Massal.) Zahlbr. = *Flavoplaca oasis*
Caloplaca aurantiaca var. *placidia* (A. Massal.) Dalla Torre & Sarnth. = *Caloplaca dalmatica*
Caloplaca aurantiaca var. *salicina* (Schrad.) Zahlbr. = *Gyalolechia flavorubescens*
Caloplaca aurantiaca var. *velana* (A. Massal.) Flagey = *Caloplaca dalmatica*
Caloplaca aurea (Schaer.) A. Massal. = *Gyalolechia aurea*
Caloplaca austrocitrina Vondrák, Říha, Arup & Søchting = *Flavoplaca austrocitrina*
Caloplaca biatorina (A. Massal.) J. Steiner = *Calogaya biatorina*
Caloplaca biatorina subsp. *gyalolechioides* (Müll. Arg.) Clauzade & Cl. Roux = *Calogaya arnoldii* subsp. *arnoldii*
Caloplaca biatorina var. *gyalolechioides* (Müll. Arg.) Poelt = *Calogaya arnoldii* subsp. *arnoldii*
Caloplaca bracteata (Hoffm.) Jatta = *Gyalolechia bracteata* subsp. *bracteata*
Caloplaca caesiorufa (Ach.) Flagey = *Blastenia herbidella*
Caloplaca caesiorufa f. *corticola* (Anzi) Dalla Torre & Sarnth. = *Blastenia herbidella*
Caloplaca caesiorufa f. *musciola* (Schaer.) Zahlbr. = *Blastenia ammiospila*
Caloplaca calcitrapa Nav.-Ros., Gaya & Cl. Roux = *Flavoplaca calcitrapa*
Caloplaca caliacrae Cretz. = *Kuettlingeria teicholyta*
Caloplaca callopisma (Ach.) Th. Fr. = *Variospora aurantia*
Caloplaca candicans (Dicks.) Flagey = *Solenopsora candicans*
Caloplaca carphinea (Fr.) Jatta = *Usnochroma carphineum*
Caloplaca cerina f. *obscurata* (Nyl.) Th. Fr. = *Caloplaca cerina*
Caloplaca cerina f. *stillicidiorum* (Vahl) Mig. = *Caloplaca cerina*
Caloplaca cerina var. *chlorina* (Flot.) Müll. Arg. = *Caloplaca chlorina*
Caloplaca cerina var. *cyanolepra* (DC.) J. Kickx f. = *Caloplaca monacensis*
Caloplaca cerina var. *ehrharti* (Schaer.) Trevis. = *Caloplaca cerina*
Caloplaca cerina var. *fusca* (A. Massal.) H. Olivier = *Caloplaca cerina*
Caloplaca cerinella (Nyl.) Flagey = *Athallia cerinella*
Caloplaca cerinelloides (Erichsen) Poelt = *Athallia cerinelloides*
Caloplaca chalybaea (Fr.) Müll. Arg. = *Pyrenodesmia chalybaea*
Caloplaca chrysodeta (Vain.) Dombr. = *Leproplaca chrysodeta*
Caloplaca cinnamomea (Th. Fr.) H. Olivier = *Blastenia ammiospila*
Caloplaca cirrochroa (Ach.) Th. Fr. = *Leproplaca cirrochroa*
Caloplaca cirrochroa f. *calcicola* (Anzi) Zahlbr. = *Leproplaca proteus*
Caloplaca citrina (Hoffm.) Th. Fr. = *Flavoplaca citrina*
Caloplaca communis Vondrák, Říha, Arup & Søchting = *Flavoplaca communis*
Caloplaca confusa Vondrák, Říha, Arup & Søchting = *Flavoplaca confusa*
Caloplaca congregiens auct. = *Caloplaca grimmiae*
Caloplaca coronata (Kremp. ex Körb.) J. Steiner = *Flavoplaca coronata*
Caloplaca crenularia (With.) J.R. Laundon = *Blastenia crenularia*
Caloplaca crenulatella (Nyl.) H. Olivier = *Xanthocarpia crenulatella*
Caloplaca decipiens (Arnold) Blomb. & Forssell = *Calogaya decipiens*

- Caloplaca dichroa* Arup = *Flavoplaca dichroa*
Caloplaca diffusa Vondrák & Llimona = *Xanthocarpia diffusa*
Caloplaca dissidens (Nyl.) Mérat = *Rusavskia elegans* subsp. *elegans*
Caloplaca elegans (Link) Th. Fr. = *Rusavskia elegans* subsp. *elegans*
Caloplaca elegans f. *tenuis* (Wahlenb.) Oxner = *Rusavskia elegans* subsp. *elegans*
Caloplaca elegans var. *caespitosa* (Müll. Arg.) Zahlbr. = *Seirophora contortuplicata*
Caloplaca emilii Vondrák, Khodos., Cl. Roux & V. Wirth = *Kuettlingeria emilii*
Caloplaca epithallina Lynge = *Erichansenia epithallina*
Caloplaca erodens Tretiach, Pinna & Grube = *Pyrenodesmia erodens*
Caloplaca erythrocarpa (Pers.) Zwackh = *Kuettlingeria erythrocarpa*
Caloplaca ferruginea (Huds.) Th. Fr. = *Blastenia ferruginea*
Caloplaca ferruginea f. *obliterata* (Körb.) J. Steiner = *Blastenia ferruginea*
Caloplaca ferruginea var. *festiva* (Ach.) Th. Fr. = *Blastenia crenularia*
Caloplaca ferruginea var. *lamprocheila* (DC.) H. Olivier = *Rufoplaca arenaria*
Caloplaca ferruginea var. *musciicola* auct. = *Blastenia ammiospila*
Caloplaca festiva (Ach.) Zwackh = *Blastenia crenularia*
Caloplaca flavescens (Huds.) J.R. Laundon = *Variospora flavescens*
Caloplaca flavocitrina (Nyl.) H. Olivier = *Flavoplaca flavocitrina*
Caloplaca flavorubescens (Huds.) J.R. Laundon = *Gyalolechia flavorubescens*
Caloplaca flavovirescens (Wulfen) Dalla Torre & Sarnth. = *Gyalolechia flavovirescens*
Caloplaca fulgens (Sw.) Körb. = *Gyalolechia fulgens*
Caloplaca fulgida (Nyl.) J. Steiner = *Gyalolechia fulgida*
Caloplaca aff. *furax* Egea & Llimona = *Kuettlingeria* aff. *furax*
Caloplaca fuscoatra auct. = *Sanguineodiscus viridirufus*
Caloplaca fuscoatroides J. Steiner = *Kuettlingeria fuscoatroides*
Caloplaca granulata (Schaer.) Lindau = *Candelariella medians*
Caloplaca granulosa (Müll. Arg.) Jatta = *Flavoplaca granulosa*
Caloplaca haematites (Chaub.) Zwackh = *Sanguineodiscus haematites*
Caloplaca herbidella (Hue) H. Magn. = *Blastenia herbidella*
Caloplaca holocarpa (Hoffm.) A.E. Wade = *Athallia holocarpa*
Caloplaca hungarica H. Magn. = *Blastenia hungarica*
Caloplaca inconnexa (Nyl.) Zahlbr. = *Athallia inconnexa*
Caloplaca inconnexa var. *nesodes* Poelt & Nimis = *Athallia nesodes*
Caloplaca irrubescens (Arnold) Zahlbr. = *Squamulea subsoluta*
Caloplaca lactea (A. Massal.) Zahlbr. = *Xanthocarpia lactea*
Caloplaca lactea f. *ecrustacea* (Harm.) Zahlbr. = *Xanthocarpia crenulatella*
Caloplaca lallavei (Clemente ex Ach.) Flagey = *Kuettlingeria erythrocarpa*
Caloplaca lamprocheila (DC.) Flagey = *Rufoplaca arenaria*
Caloplaca limonia Nimis & Poelt = *Flavoplaca limonia*
Caloplaca lobulata (Flörke) Hellb. = *Calogaya lobulata*
Caloplaca luteoalba Th. Fr. var. *lactea* (A. Massal.) Zahlbr. = *Xanthocarpia lactea*
Caloplaca marmorata (Bagl.) Jatta = *Xanthocarpia marmorata*
Caloplaca medians (Nyl.) Flagey = *Candelariella medians*

- Caloplaca microstepposa* Frolov, Nadyeina, Khodos. & Vondrák = *Pyrenodesmia microstepposa*
Caloplaca microthallina (Wedd.) Zahlbr. = *Flavoplaca microthallina*
Caloplaca murorum (Ach.) Th. Fr. = *Calogaya saxicola*
Caloplaca murorum var. *lobulata* (Flörke) J. Steiner = *Calogaya lobulata*
Caloplaca murorum var. *major* Th. Fr. = *Calogaya saxicola*
Caloplaca murorum var. *pulvinata* (A. Massal.) Jatta = *Calogaya pusilla*
Caloplaca murorum var. *tegularis* auct. = *Calogaya saxicola*
Caloplaca necator Clauzade & Poelt = *Athallia necator*
Caloplaca neotaurica Vondrák, Khodos., Arup & Søchting = *Kuettlingeria neotaurica*
Caloplaca nigromarina Vondrák, Říha, Arup & Søchting = *Flavoplaca nigromarina*
Caloplaca oasis (A. Massal.) Szat. = *Flavoplaca oasis*
Caloplaca ochracea (Schaer.) Flagey = *Xanthocarpia ochracea*
Caloplaca pellodella (Nyl.) Hasse = *Caloplaca conglomerata*
Caloplaca perrocata (Arnold) J. Steiner = *Kuettlingeria perrocata*
Caloplaca placidia (A. Massal.) J. Steiner = *Caloplaca dalmatica*
Caloplaca placidia var. *diffracta* (A. Massal.) J. Steiner = *Caloplaca dalmatica*
Caloplaca polycarpa (A. Massal.) Zahlbr. = *Flavoplaca polycarpa*
Caloplaca pusilla (A. Massal.) Zahlbr. = *Calogaya pusilla*
Caloplaca pusilla f. *calcicola* Wedd. = *Calogaya pusilla*
Caloplaca pusilla f. *silicicola* Wedd. = *Calogaya pusilla*
Caloplaca pyracea (Ach.) Th. Fr. = *Athallia pyracea*
Caloplaca pyracea f. *confluens* (A. Massal.) Jatta = *Athallia pyracea*
Caloplaca pyracea f. *holocarpa* (Ehrh.) Oxner = *Athallia holocarpa*
Caloplaca pyracea var. *rupestris* (Scop.) H. Olivier = *Protoblastenia rupestris*
Caloplaca rouxii Gaya, Nav.-Ros. & Llimona = *Calogaya rouxii*
Caloplaca salicina (Schrad.) Szatala = *Gyalolechia flavorubescens*
Caloplaca sarcopisoides (Körb.) Zahlbr. = *Caloplaca obscurella*
Caloplaca saxicola (Hoffm.) Nordin = *Calogaya saxicola*
Caloplaca saxifragarum Poelt = *Athallia saxifragarum*
Caloplaca schistidii (Anzi) Zahlbr. = *Calogaya schistidii*
Caloplaca scopularis (Nyl.) Lettau = *Athallia scopularis*
Caloplaca scrobiculata auct., non H. Magn. = *Caloplaca anularis*
Caloplaca sinapisperma (DC.) Maheu & Gillet = *Bryoplaca sinapisperma*
Caloplaca skii Khodosovtsev, Vondrák & Šoun = *Athallia skii*
Caloplaca soralifera Vondrák & Hrouzek = *Kuettlingeria soralifera*
Caloplaca stillicidiorum f. *chloroleuca* (Sm.) Szatala = *Caloplaca stillicidiorum*
Caloplaca stillicidiorum f. *muscorum* (A. Massal.) Szatala = *Caloplaca stillicidiorum*
Caloplaca subpallida H. Magn. = *Rufoplaca subpallida*
Caloplaca subsoluta (Nyl.) Zahlbr. = *Squamulea subsoluta*
Caloplaca tegularis (Ehrh.) Sandst., non auct. = *Rusavskia elegans* subsp. *elegans*
Caloplaca tegularis f. *calcicola* (Wedd.) Zahlbr. = *Rusavskia elegans* subsp. *elegans*
Caloplaca tegularis f. *silicicola* (Wedd.) Zahlbr. = *Rusavskia elegans* subsp. *elegans*
Caloplaca teicholyta (Ach.) J. Steiner = *Kuettlingeria teicholyta*

- Caloplaca tiroliensis* Zahlbr. = *Parvoplaca tiroliensis*
Caloplaca variabilis (Pers.) Müll. Arg. = *Pyrenodesmia variabilis*
Caloplaca variabilis f. *fusca* (A. Massal.) Jatta = *Pyrenodesmia variabilis*
Caloplaca variabilis var. *agardhiana* (Flot.) H. Olivier = *Pyrenodesmia alociza*
Caloplaca variabilis var. *ecrustacea* (Nyl.) H. Olivier = *Pyrenodesmia alociza*
Caloplaca variabilis var. *ochracea* Müll. Arg. = *Pyrenodesmia variabilis*
Caloplaca velana (A. Massal.) Du Rietz = *Caloplaca dalmatica*
Caloplaca virescens (Sm.) Coppins = *Caloplaca turkuensis*
Caloplaca viridirufa (Ach.) Zahlbr. = *Sanguineodiscus viridirufus*
Caloplaca vitellina (Hoffm.) Th. Fr. = *Candelariella vitellina*
Caloplaca vitellina var. *xanthostigma* (Ach.) Th. Fr. = *Candelariella xanthostigma*
Caloplaca vitellinula auct. = *Athallia holocarpa*
Caloplaca xantholyta (Nyl.) Jatta = *Leproplaca xantholyta*
Caloplaca xerica Poelt & Vězda = *Kuettlingeria xerica*
- Campylacia quercus* f. *macrospora* (Eitner) Szatala ex Nikol. = *Leptosillia macrospora*
- Candelaria concolor* f. *chlorina* Harm. = *Candelaria concolor*
Candelaria concolor f. *flavicans* (Gyeln.) = *Candelaria concolor*
Candelaria substellata (Ach.) Räsänen = *Xanthomendoza fallax*
- Candelariella aurella* var. *unilocularis* (Elenk.) Zahlbr. = *Candelariella unilocularis*
Candelariella epixantha auct. = *Candelariella aurella*
Candelariella vitellina f. *corruscans* (Ach.) Lettau = *Candelariella vitellina*
- Catapyrenium adami-borosi* (Szatala) Breuss = *Placidium adami-borosi*
Catapyrenium lachneum (Ach.) R. Sant. = *Placidium lachneum*
Catapyrenium michelii (A. Massal.) R. Sant. = *Placidium michelii*
Catapyrenium rufescens (Ach.) Breuss = *Placidium rufescens*
Catapyrenium squamulosum (Ach.) Breuss = *Placidium squamulosum*
- Catillaria athallina* (Hepp) Hellb. = *Kiliasia athallina*
Catillaria athallina f. *acrustacea* Arnold = *Kiliasia athallina*
Catillaria globulosa (Flörke) Th. Fr. = *Biatora globulosa*
Catillaria globulosa f. *epirhoda* Th. Fr. = *Biatora globulosa*
Catillaria globulosa f. *glomerulescens* (Nyl.) Zahlbr. = *Biatora globulosa*
Catillaria intermixta auct., non (Nyl.) Arnold = *Megalaria laureri*
Catillaria laureri Hepp ex Th. Fr. = *Megalaria laureri*
Catillaria lenticularis f. *erubescens* (Flot.) Th. Fr. = *Catillaria lenticularis*
Catillaria synothea auct. = *Micarea denigrata*
Catillaria synothea var. *bacidiella* (Vain.) Zahlbr. = *Micarea denigrata*
- Catinaria laureri* (Hepp ex Th. Fr.) Degel. = *Megalaria laureri*
- Catocarpus badioater* (Flörke ex Spreng.) Arnold = *Rhizocarpon badioatrum*
Catocarpus badioater var. *rivularis* (Flot. ex Körb.) Arnold = *Rhizocarpon badioatrum*

Catocarpus polycarpus (Hepp) Arnold = *Rhizocarpon polycarpum*

Catolechia epigaea (Pers.) Anzi = *Buellia epigaea*

Cetraria aculeata f. *alpina* (Schaer.) H. Olivier = *Cetraria muricata*

Cetraria aculeata var. *alpina* Schaer. = *Cetraria muricata*

Cetraria caperata sensu Vainio = *Vulpicida pinastri* var. *pinastri*

Cetraria caperata var. *soralifera* Frey = *Vulpicida pinastri* var. *soralifera*

Cetraria chlorophylla (Willd.) Vain. = *Nephromopsis chlorophylla*

Cetraria crispa (Ach.) Nyl. = *Cetraria ericetorum*

Cetraria crispa var. *subtubulosa* (Fr.) Nyl. = *Cetraria ericetorum*

Cetraria cucullata (Bellardi) Ach. = *Nephromopsis cucullata*

Cetraria fahlunensis auct. = *Melanelia hepatizon*

Cetraria fallax (Weber) Anders = *Platismatia glauca*

Cetraria glauca (L.) Ach. = *Platismatia glauca*

Cetraria glauca f. *coralloidea* (Wallr.) Hepp = *Platismatia glauca*

Cetraria glauca f. *ulophylla* (Wallr.) Körb. = *Platismatia glauca*

Cetraria glauca var. *fallax* (Weber) Rass. = *Platismatia glauca*

Cetraria hepatizon (Ach.) Vain. = *Melanelia hepatizon*

Cetraria islandica f. *platyna* (Ach.) Bausch = *Cetraria islandica*

Cetraria islandica f. *rigida* (Retz.) Savicz = *Cetraria islandica*

Cetraria islandica f. *subtubulosa* Fr. = *Cetraria ericetorum*

Cetraria islandica var. *crispa* Ach. = *Cetraria ericetorum*

Cetraria islandica var. *nuda* Vain. = *Cetraria islandica*

Cetraria islandica var. *platyna* (Ach.) Ach. = *Cetraria islandica*

Cetraria islandica var. *subtubulosa* (Fr.) Flot. = *Cetraria ericetorum*

Cetraria islandica var. *tenuifolia* (Retz.) Vain. = *Cetraria ericetorum*

Cetraria juniperina (L.) Ach. = *Vulpicida juniperinus*

Cetraria nivalis (L.) Ach. = *Nephromopsis nivalis*

Cetraria normoerica (Gunn.) Lyngé = *Cornicularia normoerica*

Cetraria pinastri (Scop.) Gray = *Vulpicida pinastri* var. *pinastri*

Cetraria pinastri var. *soralifera* (Frey) Zahlbr. = *Vulpicida pinastri* var. *soralifera*

Cetraria scutata (Wulfen) Poetsch = *Cetraria sepincola*

Cetraria tenuissima var. *campestris* (Schaer.) Erichsen = *Cetraria aculeata*

Cetraria tristis (Weber) Fr. = *Cornicularia normoerica*

Chaenotheca trichialis f. *candelaris* (Schaer.) Dalla Torre & Sarnth. = *Chrysothrix candelaris*

Chaenotheca trichialis var. *nudiuscula* (Schaer.) Zahlbr. = *Chaenotheca xyloxena*

Chromatochlamys muscorum (Fr.) H. Mayrhofer & Poelt var. *muscorum* = *Thelenella muscorum* var. *muscorum*

Cladonia alpicornis (Lightf.) Fr. = *Cladonia foliacea*

Cladonia alpestris auct., non (L.) Nyl. = *Cladonia stellaris*

Cladonia amaurocraea f. *oxyceras* (Ach.) Vain. = *Cladonia amaurocraea*

- Cladonia arbuscula* subsp. *mitis* (Sandst.) Ruoss = *Cladonia mitis*
Cladonia bacillaris (Ach.) Genth = *Cladonia macilenta*
Cladonia bacillaris f. *tenuistipata* Sandst. = *Cladonia macilenta*
Cladonia cariosa f. *cribrosa* (Wallr.) Vain. = *Cladonia cariosa*
Cladonia cariosa f. *minor* Rabenh. = *Cladonia cariosa*
Cladonia cenotea f. *crossota* (Ach.) Robbins = *Cladonia cenotea*
Cladonia cenotea var. *crossota* (Ach.) Nyl. = *Cladonia cenotea*
Cladonia chlorophaea var. *intermedia* (Sandst.) Szatala = *Cladonia chlorophaea*
Cladonia ciliata f. *flavicans* (Flörke) Ahti & DePriest = *Cladonia ciliata*
Cladonia coccifera f. *phyllocoma* Flörke = *Cladonia coccifera*
Cladonia coccifera var. *stemmatina* (Ach.) Vain. = *Cladonia coccifera*
Cladonia coniocraea f. *ceratodes* (Flörke) Dalla Torre & Sarnth. = *Cladonia coniocraea*
Cladonia cornuta f. *phyllostoca* (Flörke) Arnold = *Cladonia cornuta*
Cladonia cornutoradiata (Coem.) Sandst. = *Cladonia subulata*
Cladonia cornutoradiata f. *radiata* (Schreb.) Vain. = *Cladonia subulata*
Cladonia cornutoradiata f. *repetitoprolifera* Sandst. = *Cladonia subulata*
Cladonia cornutoradiata var. *radiata* (Schreb.) Coem. = *Cladonia subulata*
Cladonia crispata f. *elegans* (Delise) Vain. = *Cladonia crispata*
Cladonia crispata f. *subracemosa* Vain. = *Cladonia crispata*
Cladonia deformis f. *alpestris* Wallr. = *Cladonia deformis*
Cladonia deformis f. *crenulata* Ach. = *Cladonia deformis*
Cladonia deformis f. *gonecha* Ach. = *Cladonia sulphurina*
Cladonia deformis var. *gonecha* (Ach.) Arnold = *Cladonia sulphurina*
Cladonia degenerans (Flörke) Spreng. = *Cladonia phyllophora*
Cladonia digitata f. *brachytes* (Ach.) Vain. = *Cladonia digitata*
Cladonia digitata f. *glabrata* (Delise) Vain. = *Cladonia digitata*
Cladonia digitata var. *monstrosa* (Ach.) Vain. = *Cladonia digitata*
Cladonia digitata var. *prolifera* (Wallr.) ... = *Cladonia digitata*
Cladonia elongata (Wulfen) Hoffm. = *Cladonia gracilis* subsp. *elongata*
Cladonia endiviifolia (Dicks.) Fr. = *Cladonia convoluta*
Cladonia fimbriata f. *cornuta* (Flörke) ... = *Cladonia fimbriata*
Cladonia fimbriata f. *denticulata* (Flörke) Coem. = *Cladonia fimbriata*
Cladonia fimbriata f. *minor* (K.G. Hagen) Vain. = *Cladonia fimbriata*
Cladonia fimbriata f. *radiata* (Schreb.) Fr. = *Cladonia subulata*
Cladonia fimbriata f. *radiatoprolifera* Flot. = *Cladonia subulata*
Cladonia fimbriata f. *simplex* (Weiss) Dalla Torre & Sarnth. = *Cladonia fimbriata*
Cladonia fimbriata f. *subcornuta* (Nyl. ex Arnold) Zahlbr. = *Cladonia subulata*
Cladonia fimbriata f. *tubaeformis* (Hoffm.) Fr. = *Cladonia fimbriata*
Cladonia fimbriata var. *cornutoradiata* (Coem.) Vain. = *Cladonia subulata*
Cladonia fimbriata var. *prolifera* (Retz.) A. Massal. = *Cladonia fimbriata*
Cladonia fimbriata var. *radiata* (Schreb.) Cromb. = *Cladonia subulata*
Cladonia fimbriata var. *simplex* (Weiss) Flot. ex Vain. = *Cladonia fimbriata*
Cladonia fimbriata var. *tubaeformis* (Hoffm.) Fr. = *Cladonia fimbriata*

- Cladonia foliacea* var. *alcicornis* (Lightf.) Schaer. = *Cladonia foliacea*
Cladonia foliacea var. *convoluta* (Lam.) Vain. = *Cladonia convoluta*
Cladonia furcata f. *corymbosa* (Ach.) Nyl. = *Cladonia furcata*
Cladonia furcata f. *foliolosa* (Duby) Kovár = *Cladonia furcata*
Cladonia furcata f. *polyphylla* (Flörke) Jatta = *Cladonia furcata*
Cladonia furcata f. *recurva* (Hoffm.) Jatta = *Cladonia furcata*
Cladonia furcata f. *truncata* (Flörke) Kovár = *Cladonia furcata*
Cladonia furcata var. *corymbosa* (Ach.) Nyl. = *Cladonia furcata*
Cladonia furcata var. *palamaea* (Ach.) Nyl. = *Cladonia furcata*
Cladonia furcata var. *pinnata* (Flörke) Vain. = *Cladonia furcata*
Cladonia furcata var. *racemosa* (Hoffm.) Flörke = *Cladonia furcata*
Cladonia furcata var. *subulata* Flörke = *Cladonia furcata*
Cladonia gracilis f. *dilacerata* Flörke = *Cladonia gracilis*
Cladonia gracilis f. *subdilacerata* Vain. = *Cladonia gracilis*
Cladonia gracilis var. *aspera* Flörke = *Cladonia gracilis*
Cladonia gracilis var. *chordalis* (Flörke) Schaer. = *Cladonia gracilis*
Cladonia gracilis var. *dilacerata* (Flörke) Vain. = *Cladonia gracilis*
Cladonia gracilis var. *ecmocyna* (Leight.) Kernst. = *Cladonia ecmocyna*
Cladonia gracilis var. *elongata* (Wulfen) Fr. = *Cladonia gracilis* subsp. *elongata*
Cladonia gracilis var. *macroceras* (Delise) Flot. = *Cladonia macroceras*
Cladonia klementii Oxner (nom. inval.) = *Cladonia rangiformis*
Cladonia lepidota var. *macrophyllodes* (Nyl.) Du Rietz = *Cladonia macrophyllodes*
Cladonia macilenta f. *styracella* (Ach.) Nyl. = *Cladonia macilenta*
Cladonia macilenta var. *styracella* (Ach.) Vain. = *Cladonia macilenta*
Cladonia major (K.G. Hagen) Sandst. = *Cladonia fimbriata*
Cladonia minor (K.G. Hagen) Vain. = *Cladonia fimbriata*
Cladonia nylanderii Cout. = *Cladonia firma*
Cladonia ochrochlora f. *ceratodes* Flörke = *Cladonia ochrochlora*
Cladonia papillaria Hoffm. (nom. illeg.) = *Pycnothelia papillaria*
Cladonia pungens (Ach.) Gray = *Cladonia rangiformis*
Cladonia pungens f. *foliosa* (Flörke) Leight. = *Cladonia rangiformis*
Cladonia pyxidata f. *intermedia* Sandst. = *Cladonia pocillum*
Cladonia pyxidata f. *macrophylla* Müll. Arg. = *Cladonia pyxidata*
Cladonia pyxidata f. *pachyphyllina* (Wallr.) Vain. = *Cladonia pocillum*
Cladonia pyxidata f. *staphylea* (Ach.) Harm. = *Cladonia pyxidata*
Cladonia pyxidata var. *chlorophaea* (Flörke ex Sommerf.) Flörke = *Cladonia chlorophaea*
Cladonia pyxidata var. *pocillum* (Ach.) Schaer. = *Cladonia pocillum*
Cladonia rangiferina f. *fuscescens* Flörke = *Cladonia rangiferina*
Cladonia rangiferina f. *moldavica* Cretz. = *Cladonia rangiferina*
Cladonia rangiferina f. *tenuior* (Delise) Vain. = *Cladonia rangiferina*
Cladonia rangiferina var. *sylvatica* auct. = *Cladonia arbuscula*
Cladonia rangiferina var. *vulgaris* Schaer. = *Cladonia rangiferina*
Cladonia rangiformis f. *variolosa* (Sandst.) Sandst. = *Cladonia rangiformis*

- Cladonia rangiformis* var. *foliosa* Flörke = *Cladonia rangiformis*
Cladonia rangiformis var. *muricata* (Delise) Arnold = *Cladonia rangiformis*
Cladonia squamosa f. *denticollis* (Hoffm.) Eckfeldt = *Cladonia squamosa*
Cladonia squamosa f. *ventricosa* (Delise) H. Olivier = *Cladonia squamosa*
Cladonia squamosa var. *denticollis* (Hoffm.) Flörke = *Cladonia squamosa*
Cladonia stellata var. *obtusata* (Ach.) Schaer. = *Cladonia uncialis* subsp. *uncialis*
Cladonia subcariosa auct., non Nyl. = *Cladonia polycarpoides*
Cladonia sylvatica auct. = *Cladonia arbuscula*
Cladonia sylvatica f. *sphagnoides* (Hepp) Parrique = *Cladonia arbuscula*
Cladonia sylvatica var. *portenosae* (Dufour) Delise = *Cladonia portentosa*
Cladonia tenuis (Flörke) Harm. = *Cladonia ciliata*
Cladonia uncialis f. *dicraea* (Ach.) Vain. = *Cladonia uncialis* subsp. *biuncialis*
Cladonia uncialis f. *obtusata* (Ach.) Vain. = *Cladonia uncialis* subsp. *uncialis*
- Coelocaulon aculeatum* (Schreb.) Link = *Cetraria aculeata*
Coelocaulon muricatum (Ach.) J.R. Laundon = *Cetraria muricata*
- Coenogonium nigrum* auct., non (Huds.) Zahlbr. = *Cystocoleus ebeneus*
- Collema aggregatum* auct. = *Gabura fascicularis*
Collema auriculatum Hoffm. = *Lathagrium auriforme*
Collema auriculatum f. *papulosum* (Ach.) Zahlbr. = *Lathagrium auriforme*
Collema auriforme (With.) Coppins & J.R. Laundon = *Lathagrium auriforme*
Collema cheileum f. *graniforme* (Hoffm.) Ach. = *Blennothallia crispa*
Collema crispum (Huds.) Weber ex F.H. Wigg. = *Blennothallia crispa*
Collema crispum f. *granulatum* (Ach.) Ach. = *Blennothallia crispa*
Collema cristatum (L.) Weber ex F.H. Wigg. = *Lathagrium cristatum* var. *cristatum*
Collema cristatum var. *marginale* (Huds.) Degel. = *Lathagrium cristatum* var. *marginale*
Collema fasciculare (L.) Weber ex F.H. Wigg. = *Gabura fascicularis*
Collema flaccidum var. *majus* Flot. = *Collema flaccidum*
Collema fragrans (Sm.) Ach. = *Scytinium fragrans*
Collema fuscovirens (With.) J.R. Laundon = *Lathagrium fuscovirens*
Collema granuliferum Nyl. = *Lathagrium cristatum* var. *cristatum*
Collema hydrocharum (Ach.) Ach. = *Scytinium plicatile*
Collema ligerinum (Hy) Harm. = *Enchylium ligerinum*
Collema multifidum (Scop.) Rabenh. = *Lathagrium cristatum* var. *marginale*
Collema multifidum var. *complicatum* (Huds.) Rabenh. = *Lathagrium cristatum* var. *cristatum*
Collema multifidum var. *jacobaeifolium* (Schrank) Rabenh. = *Lathagrium cristatum* var. *marginale*
Collema multifidum var. *marginale* (Huds.) Rabenh. = *Lathagrium cristatum* var. *marginale*
Collema multipartitum Sm. = *Callome multipartita*
Collema multipunctatum Degel. = *Rostania multipunctata*
Collema occultatum Bagl. = *Rostania occultata*

- Collema pulposum* Ach. = *Enchylium tenax*
Collema rhodopensis Szatala = *Nostoc parmelioides*
Collema rupestre (Sw.) Rabenh. = *Collema flaccidum*
Collema subfurvum auct. = *Collema subflaccidum*
Collema tenax (Sw.) Ach. = *Enchylium tenax*
Collema tenax var. *corallinum* (A. Massal.) Degel. = *Enchylium tenax*
Collema tenax var. *vulgare* (Schaer.) Degel. = *Enchylium tenax*
Collema tuniforme (Ach.) Ach. = *Lathagrium fuscovirens*
Collema verruciforme (Ach.) Nyl. = *Rostania multipunctata*
Collema vespertilio (Lightf.) Hoffm. = *Collema nigrescens*
Collema undulatum Laurer ex Flot. = *Lathagrium undulatum* var. *undulatum*
Collema undulatum var. *granulosum* Degel. = *Lathagrium undulatum* var. *granulosum*
- Coniocybe furfuracea* (L.) Ach. = *Chaenotheca furfuracea*
Coniocybe furfuracea f. *brachypoda* Arnold = *Chaenotheca furfuracea*
Coniocybe furfuracea f. *fulva* (L.) Fr. = *Chaenotheca furfuracea*
Coniocybe furfuracea f. *vulgaris* (Schaer.) Vain. = *Chaenotheca furfuracea*
- Cornicularia aculeata* (Schreb.) Ach. = *Cetraria aculeata*
Cornicularia aculeata var. *alpina* (Schaer.) Rabenh. = *Cetraria muricata*
Cornicularia aculeata var. *campestris* (Schaer.) Rabenh. = *Cetraria aculeata*
Cornicularia aculeata var. *muricata* (Ach.) Ach. = *Cetraria muricata*
Cornicularia tenuissima (L.) Zahlbr. = *Cetraria aculeata*
Cornicularia tenuissima var. *muricata* (Ach.) Dalla Torre & Sarnth. = *Cetraria muricata*
Cornicularia tristis (F.H. Wigg.) Hoffm. = *Cornicularia normoerica*
- Cresporhaphis macrospora* (Eitner) M.B. Aguirre = *Leptosillia macrospora*
Cresporhaphis wienkampii (J. Lahm ex Hazsl.) M.B. Aguirre = *Leptosillia wienkampii*
- Crocynia aeruginosa* auct. = *Lepraria incana*
Crocynia caesioalba B. de Lesd. = *Lepraria caesioalba*
Crocynia membranacea (Dicks.) Zahlbr. = *Lepraria membranacea*
Crocynia neglecta (Nyl.) Hue = *Lepraria neglecta*
- Cyphelium inquinans* (Sm.) Trevis. = *Acolium inquinans*
Cyphelium inquinans f. *tympanellum* (Ach.) Vain. = *Acolium inquinans*
Cyphelium sessile (Pers.) Trevis. = *Acolium sessile*
Cyphelium tigillare (Ach.) Ach. = *Calicium tigillare*
- Dendriscoaulon umhausense* (Auersw.) Degel. = *Ricasolia amplissima*
- Dermatocarpon anzianum* Servít = *Verrucaria sphaerospora*
Dermatocarpon anzianum f. *umbrina* (Servít) Servít = *Verrucaria sphaerospora*
Dermatocarpon aquaticum (Weiss) Zahlbr. = *Dermatocarpon luridum*
Dermatocarpon aquaticum var. *decipiens* (A. Massal.) Vain. = *Dermatocarpon luridum*

- Dermatocarpon bucekii* Nádv. & Servít = *Placopyrenium bucekii*
Dermatocarpon cartilagineum auct. = *Catapyrenium daedaleum*
Dermatocarpon cinereum (Pers.) Th. Fr. = *Catapyrenium cinereum*
Dermatocarpon cretzoii Servít = *Verruculopsis lecideoides*
Dermatocarpon daedaleum f. *pruinosa* Vain. = *Catapyrenium psoromoides*
Dermatocarpon fluviatile (Ach.) Th. Fr. = *Dermatocarpon luridum*
Dermatocarpon fluviatile var. *decipiens* Vain. = *Dermatocarpon luridum*
Dermatocarpon fluviatile var. *weberi* Vain. = *Dermatocarpon luridum*
Dermatocarpon hepaticum auct. p.p., non (Ach.) Th. Fr. = *Placidium squamulosum*
Dermatocarpon lachneum (Ach.) A.L. Sm. = *Placidium lachneum*
Dermatocarpon lachneum var. *pruinatum* (J. Steiner) Szatala = *Placidium lachneum*
Dermatocarpon michelii (A. Massal.) Zwackh = *Placidium michelii*
Dermatocarpon miniatum f. *papillosum* (Anzi) Oxner = *Dermatocarpon miniatum* var. *cirsodes*
Dermatocarpon miniatum var. *aetneum* (Tornab.) Zahlbr. = *Dermatocarpon miniatum* var. *miniatum*
Dermatocarpon miniatum var. *complicatissimum* (Nyl.) Lettau = *Dermatocarpon complicatum*
Dermatocarpon miniatum var. *complicatum* (Lightf.) Th. Fr. = *Dermatocarpon complicatum*
Dermatocarpon miniatum var. *imbricatum* (A. Massal.) Dalla Torre & Sarnth. = *Dermatocarpon miniatum* var. *miniatum*
Dermatocarpon miniatum var. *papillosum* (Anzi) Müll. Arg. = *Dermatocarpon miniatum* var. *cirsodes*
Dermatocarpon miniatum var. *umbilicatum* (Schaer.) Vain. = *Dermatocarpon miniatum* var. *miniatum*
Dermatocarpon monstrosum (Schaer.) Vain. = *Placocarpus schaeereri*
Dermatocarpon rufescens (Ach.) Th. Fr. = *Placidium rufescens*
Dermatocarpon subfuscillum (Nyl.) Servít = *Verrucaria polysticta*
Dermatocarpon trachyticum (Hazsl.) Vain. = *Placopyrenium trachyticum*
Dermatocarpon trapeziforme auct. p.p., non (J. König) Trevis. = *Placidium squamulosum*
Didymella fallax (Nyl.) Vain. = *Arthopyrenia analepta*
Didymella punctiformis f. *analepta* (Ach.) Vain. = *Arthopyrenia analepta*
Dimerella diluta (Pers.) Trevis. = *Coenogonium pineti*
Dimerella pineti (Ach.) Vězda = *Coenogonium pineti*
Diploschistes albissimus (Ach.) Dalla Torre & Sarnth. = *Diploschistes diacapsis*
Diploschistes bryophilus (Ach.) Zahlbr. = *Diploschistes muscorum*
Diploschistes bryophilus f. *parasiticus* (Sommerf.) Servít = *Diploschistes muscorum*
Diploschistes calcareus (Müll. Arg.) J. Steiner = *Diploschistes candidissimus*
Diploschistes ocellatus (Vill.) Norman = *Xalocoa ocellata*
Diploschistes scruposus f. *argillosus* (Ach.) Dalla Torre & Sarnth. = *Diploschistes muscorum*
Diploschistes scruposus f. *dealbatus* (Ach.) Zahlbr. = *Diploschistes muscorum*
Diploschistes scruposus f. *flavicans* (Moris & de Not.) Zahlbr. = *Diploschistes scruposus*

Diploschistes scruposus f. *viridescens* Gyeln. = *Diploschistes scruposus*
Diploschistes scruposus var. *arenarius* (Schaer.) Müll. Arg. = *Diploschistes muscorum*
Diploschistes scruposus var. *bryophilus* (Ach.) Müll. Arg. = *Diploschistes muscorum*
Diploschistes scruposus var. *parasiticus* (Sommerf.) Zahlbr. = *Diploschistes muscorum*

Diplotomma alboatrum var. *ambiguum* (Ach.) Th. Fr. = *Diplotomma alboatrum*
Diplotomma alboatrum var. *epipolium* auct., non (Ach.) A. Massal. = *Diplotomma hedinii*
Diplotomma ambiguum (Ach.) Flagey = *Diplotomma alboatrum*
Diplotomma athroum var. *zabothicum* (Körb.) Stein. = *Diplotomma pharcidium*
Diplotomma epipolium auct., non (Ach.) Arnold = *Diplotomma hedinii*
Diplotomma epipolium var. *venustum* (Körb.) Szatala = *Diplotomma venustum*
Diplotomma porphyricum Arnold = *Diplotomma chlorophaeum*

Dirina massiliensis f. *sorediata* (Müll. Arg.) Tehler = *Dirina massiliensis*
Dirina stenhammarii (Fr. ex Stenh.) Poelt & Follmann = *Dirina massiliensis*

Endocarpon miniatum (L.) P. Gaertn. = *Dermatocarpon miniatum* var. *cirsodes*
Endocarpon miniatum var. *complicatum* (Lightf.) Schaer. = *Dermatocarpon complicatum*
Endocarpon miniatum var. *imbricatum* A. Massal. = *Dermatocarpon miniatum* var.
miniatum

Endocarpon monstrosum (Schaer.) A. Massal. = *Placocarpus schaeereri*
Endocarpon pallidum auct. = *Endocarpon adscendens*

Evernia furfuracea (L.) W. Mann. = *Pseudevernia furfuracea* var. *furfuracea*
Evernia prunastri f. *gracilis* Ach. = *Evernia prunastri*
Evernia prunastri f. *phellina* (Ach.) Ach. = *Evernia prunastri*
Evernia prunastri f. *sorediifera* (Ach.) Harm. = *Evernia prunastri*
Evernia prunastri var. *sorediifera* Ach. = *Evernia prunastri*

Flavocetraria cucullata (Bellardi) Kärnefelt & A. Thell = *Nephromopsis cucullata*
Flavocetraria nivalis (L.) Kärnefelt & A. Thell = *Nephromopsis nivalis*

Fulgensia bracteata (Hoffm.) Räsänen var. *bracteata* = *Gyalolechia bracteata* subsp. *bracteata*
Fulgensia bracteata var. *alpina* (Th. Fr.) Räsänen = *Gyalolechia bracteata* subsp. *bracteata*
Fulgensia fulgens (Sw.) Elenk. = *Gyalolechia fulgens*
Fulgensia schistidii (Anzi) Poelt = *Calogaya schistidii*
Fulgensia subbracteata (Nyl.) Poelt = *Gyalolechia subbracteata*

Fuscopannaria leucophaea (Vahl) P.M. Jørg. = *Vabliella leucophaea*

Gasparrinia callopisma (Ach.) Syd. = *Variospora aurantia*
Gasparrinia cirrochroa (Ach.) Stein = *Leproplaca cirrochroa*
Gasparrinia murorum (Hoffm.) Tornab. = *Calogaya saxicola*

Graphis scripta var. *abietina* (Schaer.) Rabenh. = *Graphis pulverulenta*

- Graphis scripta* var. *limitata* (Pers.) Arnold = *Graphis scripta*
Graphis scripta var. *pulverulenta* (Pers.) Ach. = *Graphis pulverulenta*
Graphis scripta var. *vulgaris* Körb. = *Graphis scripta*

Gyalecta croatica Schuler & Zahlbr. = *Gyalecta derivata*
Gyalecta cupularis (Hedw.) Schaer. = *Gyalecta jenensis*

Gyalolechia epixantha auct. = *Candelariella aurella*

Gyrophora anthracina var. *reticulata* (Schaer.) Rabenh. = *Umbilicaria decussata*
Gyrophora cirrhosa (Hoffm.) Vain., non auct. = *Umbilicaria vellea*
Gyrophora crustulosa Ach. = *Umbilicaria crustulosa*
Gyrophora crustulosa var. *depressa* Ach. = *Umbilicaria crustulosa*
Gyrophora cylindrica (L.) Ach. = *Umbilicaria cylindrica*
Gyrophora cylindrica f. *denticulata* (Ach.) Mudd = *Umbilicaria cylindrica*
Gyrophora cylindrica f. *denudata* (Turner & Borrer) Cromb. = *Umbilicaria cylindrica*
Gyrophora cylindrica f. *fimbriata* (Ach.) Cromb. = *Umbilicaria cylindrica*
Gyrophora cylindrica f. *mesenteriformis* (Wulfen) Arnold = *Umbilicaria cylindrica*
Gyrophora cylindrica f. *microphylla* (Anzi) Cretzoiu = *Umbilicaria cylindrica* var. *tornata*
Gyrophora deusta (L.) Ach. = *Umbilicaria deusta*
Gyrophora deusta f. *squamigera* (Leight.) Zahlbr. = *Umbilicaria deusta*
Gyrophora deusta var. *brotera* Ach. = *Umbilicaria deusta*
Gyrophora deusta var. *conglobata* (Th. Fr.) Zahlbr. = *Umbilicaria deusta*
Gyrophora erosa (Weber) Ach. = *Umbilicaria torrefacta*
Gyrophora flocculosa (Wulfen) Turner & Borrer = *Umbilicaria deusta*
Gyrophora grisea (Hoffm.) Turner & Borrer = *Umbilicaria grisea*
Gyrophora hirsuta (Sw. ex Westr.) Ach. = *Umbilicaria hirsuta*
Gyrophora hirsuta f. *vestita* (Th. Fr.) Arnold = *Umbilicaria hirsuta*
Gyrophora microphylla (Laurer) A. Massal. = *Umbilicaria microphylla*
Gyrophora murina (Ach.) Ach. = *Umbilicaria grisea*
Gyrophora polyphylla (L.) Funck = *Umbilicaria polyphylla*
Gyrophora polyphylla f. *congregata* Turner = *Umbilicaria polyphylla*
Gyrophora polyphylla f. *coriacea* Th. Fr. = *Umbilicaria polyphylla*
Gyrophora proboscidea (L.) Ach. = *Umbilicaria proboscidea*
Gyrophora reticulata (Schaer.) Th. Fr. = *Umbilicaria decussata*
Gyrophora spodochoa (Hoffm.) Ach. = *Umbilicaria spodochoa*
Gyrophora spodochoa f. *depressa* (Ach.) Arnold = *Umbilicaria crustulosa*
Gyrophora subglabra Nyl. = *Umbilicaria subglabra*
Gyrophora tornata Ach. = *Umbilicaria cylindrica* var. *tornata*
Gyrophora vellea (L.) Ach. = *Umbilicaria vellea*

Haematomma coccineum (Dicks.) Körb. = *Haematomma ochroleucum* var. *ochroleucum*
Haematomma coccineum var. *ochroleucum* (Neck.) Th. Fr. = *Haematomma ochroleucum* var. *ochroleucum*

Haematomma coccineum var. *porphyrium* (Pers.) Th. Fr. = *Haematomma ochroleucum* var. *porphyricum*

Haematomma ventosum (L.) A. Massal. = *Ophioparma ventosa*

Heppia guepini (Delise) Nyl. = *Peltula euploca*

Heppia ruinicola Nyl. = *Peltula euploca*

Hymenelia lacustris (With.) M. Choisy = *Ionaspis lacustris*

Hypogymnia bitteriana (Zahlbr.) Räsänen = *Hypogymnia farinacea*

Hypogymnia intestiniformis (Vill.) Räsänen = *Brodoa intestiniformis*

Hypogymnia intestiniformis var. *atrofusca* (Schaer.) Poelt = *Brodoa atrofusca*

Icmadophila aeruginosa (Scop.) Trevis. = *Icmadophila ericetorum*

Imbricaria physodes (L.) DC. = *Hypogymnia physodes*

Invulcrocarpon cinereum (Pers.) Servit = *Catapyrenium cinereum*

Lecanactis dilleniana (Ach.) Körb. = *Psoronactis dilleniana*

Lecanactis grumulosa (Dufour) Fr. = *Paralecanographa grumulosa*

Lecanactis stenhammarii (Fr. ex Stenh.) Arnold = *Dirina massiliensis*

Lecania dimera (Nyl.) Th. Fr. = *Lecania dubitans*

Lecania erysibe f. *minuta* B. de Lesd. = *Lecania erysibe*

Lecanographa grumulosa (Dufour) Egea & Torrente = *Paralecanographa grumulosa*

Lecanora admontensis Zahlbr. = *Protoparmeliopsis admontensis*

Lecanora adunans Nyl. = *Aspilidea myrinii*

Lecanora agardhiana Ach. = *Myriolecis agardhiana* subsp. *agardhiana*

Lecanora albella var. *angulosa* (Schreb.) Flot. = *Lecanora carpinea*

Lecanora albescens (Hoffm.) Branth & Rostr. = *Myriolecis albescens*

Lecanora albescens var. *galactinella* (Nyl.) Zahlbr. = *Myriolecis albescens*

Lecanora allophana f. *aspicilioides* (Harm.) Zahlbr. = *Lecanora glabrata*

Lecanora allophana var. *glabrata* (Ach.) J. Steiner = *Lecanora glabrata*

Lecanora allophana var. *parisiensis* (Nyl.) J. Steiner = *Lecanora horiza*

Lecanora alpina Sommerf. = *Bellemerea alpina*

Lecanora alpina var. *sulfurata* Th. Fr. = *Bellemerea alpina*

Lecanora angulosa (Schreb.) Ach. = *Lecanora carpinea*

Lecanora atra (Huds.) Ach. = *Tephromela atra* var. *atra*

Lecanora atra var. *vulgaris* Körb. = *Tephromela atra* var. *atra*

Lecanora atrynea (Ach.) Nyl. = *Lecanora cenisia*

Lecanora badia (Hoffm.) Ach. = *Protoparmelia badia*

Lecanora badia var. *cinereobadia* Harm. = *Protoparmelia badia*

Lecanora bolcana (Pollini) Poelt = *Protoparmeliopsis bolcana*

- Lecanora caesioalba* (Flörke) Körb. = *Myriolecis crenulata*
Lecanora caesioalba var. *dispersa* (Pers.) Körb. = *Myriolecis dispersa*
Lecanora caesiocinerea Nyl. ex Malbr. = *Circinaria caesiocinerea*
Lecanora calcarea (L.) Sommerf. = *Circinaria calcarea*
Lecanora campestris f. *acrustacea* Kieffer = *Lecanora campestris*
Lecanora campestris f. *expansa* (Ach.) Harm. = *Lecanora campestris*
Lecanora carbonatica Gyeln. = *Lobothallia radiosa*
Lecanora carpinea f. *aggregata* Kremp. = *Lecanora carpinea*
Lecanora castanea (Hepp) Th. Fr. = *Bryonora castanea*
Lecanora cenisia var. *atrynea* (Ach.) H. Magn. = *Lecanora cenisia*
Lecanora cerina (Hedw.) Ach. = *Caloplaca cerina*
Lecanora chlarona (Ach.) Nyl. = *Lecanora pulicaris*
Lecanora chrysoleuca (Sm.) Ach. = *Rhizoplaca chrysoleuca*
Lecanora chrysoleuca var. *complicata* Ach. = *Rhizoplaca chrysoleuca*
Lecanora cinerea (L.) Sommerf. = *Aspicilia cinerea*
Lecanora cinerea f. *corticola* (Szatala) Zahlbr. = *Aspicilia cinerea*
Lecanora cinerea f. *graphica* Mig. = *Aspicilia cinerea*
Lecanora cinerea f. *ochraceoferruginea* (Szatala) Zahlbr. = *Aspicilia cinerea*
Lecanora cinerea f. *olivaceoatra* (Szatala) Zahlbr. = *Aspicilia cinerea*
Lecanora cinerea var. *alba* Flagey = *Aspicilia cinerea*
Lecanora cinereorufescens (Ach.) Hepp = *Bellemeria cinereorufescens*
Lecanora circinata (Pers.) Ach. = *Lobothallia radiosa*
Lecanora coilocarpa f. *pulicaris* (Pers.) Nyl. = *Lecanora pulicaris*
Lecanora coilocarpa var. *sorediata* Räsänen = *Lecanora exspersa*
Lecanora conizaea (Ach.) Nyl. = *Lecanora expallens*
Lecanora contorta (Hoffm.) J. Steiner = *Circinaria contorta*
Lecanora crassa (Huds.) Ach. = *Squamarina cartilaginea*
Lecanora crassa f. *dealbata* (A. Massal.) Mig. = *Squamarina cartilaginea*
Lecanora crenulata Hook. = *Myriolecis crenulata*
Lecanora crenulata var. *sommerfeltiana* (Flörke) P. Syd. = *Myriolecis albescens*
Lecanora cupreoatra Nyl. = *Immersaria cupreoatra*
Lecanora cupreoglauca (B. de Lesd.) Zahlbr. = *Aspiciliella cupreoglauca*
Lecanora demissa (Körb.) Hepp = *Caloplaca demissa*
Lecanora dispersa (Pers.) Röhl. = *Myriolecis dispersa*
Lecanora efflorescens (Cromb.) Lettau = *Lecanora soralifera*
Lecanora farinosa auct., non (Flörke) Nyl. = *Lobothallia controversa*
Lecanora flotoviana auct., non Spreng. = *Myriolecis semipallida*
Lecanora fragilis Zahlbr. = *Squamarina gypsacea*
Lecanora fragilis var. *subcetrarioides* Zahlbr. = *Squamarina gypsacea*
Lecanora frustulosa var. *argopholis* (Ach.) Fr. = *Lecanora argopholis*
Lecanora galactina Ach. = *Myriolecis albescens*
Lecanora gangaleoides Nyl. f. *schistina* Nyl. = *Lecanora praepostera*
Lecanora garovaglii (Körb.) Zahlbr. = *Protoparmeliopsis garovaglii*

- Lecanora gibbosa* auct. europ., non (Ach.) Nyl. = *Circinaria caesiocinerea*
Lecanora glaucoma (Hoffm.) Ach. = *Lecanora rupicola* subsp. *rupicola*
Lecanora hagenii (Ach.) Ach. var. *hagenii* = *Myriolecis hagenii*
Lecanora hagenii f. *coerulescens* (Baumg.) Hazsl. = *Myriolecis zosteriae* var. *palanderi*
Lecanora hagenii var. *lithophila* (Wallr.) Flot. = *Myriolecis hagenii*
Lecanora hoffmannii (Ach.) Müll. Arg. = *Circinaria hoffmanniana*
Lecanora incusa (Flot.) Vain. = *Caloplaca demissa*
Lecanora intermutans Nyl. = *Aspiciliella intermutans*
Lecanora intricata f. *polytropantha* (Nyl.) Zahlbr. = *Lecanora intricata*
Lecanora intricata var. *melaena* (Hedl.) Szatala = *Lecanora intricata*
Lecanora laatokkensis (Räsänen) Poelt = *Protoparmeliopsis laatokkensis*
Lecanora lacustris (With.) Nyl. = *Ionaspis lacustris*
Lecanora laevata (Ach.) Nyl. = *Aspicilia laevata*
Lecanora laevatoides H. Magn. = *Aspicilia laevatoides*
Lecanora lentigera (Weber) Ach. = *Squamarina lentigera*
Lecanora melanaspis (Ach.) Ach. = *Lobothallia melanaspis*
Lecanora melanophthalma (DC.) Ramond = *Rhizoplaca melanophthalma*
Lecanora muralis (Schreb.) Rabenh. = *Protoparmeliopsis muralis*
Lecanora muralis var. *albomarginata* (Nyl. ex Th. Fr.) Tomin = *Protoparmeliopsis muralis*
Lecanora muralis var. *albopulverulenta* (Schaer.) Rabenh. = *Protoparmeliopsis muralis*
Lecanora muralis var. *diffracta* (Ach.) Rabenh. = *Protoparmeliopsis muralis* var. *diffracta*
Lecanora muralis var. *versicolor* (Pers.) Tuck. = *Protoparmeliopsis versicolor*
Lecanora nitens (Pers.) Ach. = *Protoparmelia nitens*
Lecanora obscurata (Fr.) Nyl. = *Aspicilia obscurata*
Lecanora olivascens Nyl. = *Protoparmelia olivascens*
Lecanora olivicolor H. Magn. = *Aspicilia olivicolor*
Lecanora pallida (Schreb.) Rabenh. = *Lecanora albella*
Lecanora pallida var. *cinerella* (Flörke) Rabenh. = *Lecanora albella*
Lecanora pallida var. *sordidescens* Stein = *Lecanora albella*
Lecanora parasitica (B. de Lesd.) Zahlbr. = *Lobothallia parasitica*
Lecanora parisiensis Nyl. = *Lecanora horiza*
Lecanora peltata (DC.) Steud. = *Protoparmeliopsis peltata*
Lecanora pinastri (Schaer.) H. Magn. = *Lecanora pulicaris*
Lecanora polytropa f. *efflorescens* Cromb. = *Lecanora soralifera*
Lecanora polytropa f. *illusoria* (Ach.) Leight. = *Lecanora polytropa*
Lecanora polytropa var. *acrustacea* (Schaer.) A. Massal. = *Lecanora polytropa*
Lecanora polytropa var. *campestris* Rabenh. = *Lecanora polytropa*
Lecanora polytropa var. *intricata* (Ach.) Schaer. = *Lecanora intricata*
Lecanora polytropa var. *vulgaris* Arnold = *Lecanora polytropa*
Lecanora praeradiosa Nyl. = *Lobothallia praeradiosa*
Lecanora pruinosa Chaub. = *Myriolecis pruinosa*
Lecanora psarophana Nyl. = *Protoparmelia montagnei*
Lecanora radiosa (Hoffm.) Schaer. = *Lobothallia radiosa*

- Lecanora radiosa* subsp. *circinata* (Pers.) Kušan = *Lobothallia radiosa*
Lecanora raesaenenii Gyeln. = *Lecanora exspersa*
Lecanora reuteri Schaer. = *Myriolecis reuteri*
Lecanora rolleana (Hue) Zahlbr. = *Circinaria caesiocinerea*
Lecanora rubina auct. = *Rhizoplaca chrysoleuca*
Lecanora rugosa Nyl., non Ach. = *Lecanora chlarotera*
Lecanora rugosella Zahlbr. = *Lecanora chlarotera*
Lecanora rupicola f. *coerulata* (Ach.) Zahlbr. = *Lecanora rupicola* subsp. *rupicola*
Lecanora sambuci (Pers.) Nyl. = *Myriolecis sambuci*
Lecanora saxicola (Pollich) Ach. = *Protoparmeliopsis muralis*
Lecanora saxicola var. *albomarginata* Nyl. ex Th. Fr. = *Protoparmeliopsis muralis*
Lecanora saxicola var. *diffRACTA* (Ach.) Rabenh. = *Protoparmeliopsis muralis* var. *diffRACTA*
Lecanora saxicola var. *macrocyclus* H. Magn. = *Protoparmeliopsis macrocyclus*
Lecanora saxicola var. *riparia* (Flot.) Jatta = *Protoparmeliopsis muralis*
Lecanora saxicola var. *versicolor* (Pers.) Tuck. = *Protoparmeliopsis versicolor*
Lecanora semipallida H. Magn. = *Myriolecis semipallida*
Lecanora silicea f. *bulgarica* Gyeln. = *Lobothallia radiosa*
Lecanora sordida (Pers.) Th. Fr. = *Lecanora rupicola* subsp. *rupicola*
Lecanora sordida var. *glaucoma* (Hoffm.) Th. Fr. = *Lecanora rupicola* subsp. *rupicola*
Lecanora sordida var. *neglecta* Zschacke = *Lecanora rupicola* subsp. *rupicola*
Lecanora sordida var. *swartzii* (Ach.) Rabenh. = *Lecanora swartzii*
Lecanora stenhammarii (Körb.) Jatta = *Lecanora rupicola* subsp. *rupicola*
Lecanora subcircinata Nyl. = *Lobothallia radiosa*
Lecanora subfusca auct. = *Lecanora argentata*
Lecanora subfusca f. *campestris* (Schaer.) Bausch = *Lecanora campestris*
Lecanora subfusca var. *allophana* Ach. = *Lecanora allophana*
Lecanora subfusca var. *argentata* (Ach.) Boistel = *Lecanora argentata*
Lecanora subfusca var. *campestris* (Schaer.) Rabenh. = *Lecanora campestris*
Lecanora subfusca var. *chlarona* auct. = *Lecanora pulicaris*
Lecanora subfusca var. *distans* (Ach.) D. Dietr. = *Lecanora populicola*
Lecanora subfusca var. *glabrata* Ach. = *Lecanora glabrata*
Lecanora subfusca var. *hypnorum* (Wulfen) Schaer. = *Lecanora epibryon*
Lecanora subfusca var. *parisiensis* (Nyl.) Malbr. = *Lecanora horiza*
Lecanora subfusca var. *pinastri* Schaer. = *Lecanora pulicaris*
Lecanora subfuscata H. Magn. = *Lecanora argentata*
Lecanora subintricata f. *obscurior* Nyl. = *Lecanora subintricata*
Lecanora subradiosa auct. = *Lecanora swartzii*
Lecanora sulphurata (Ach.) Nyl. = *Lecanora rupicola* subsp. *sulphurata*
Lecanora sulphurata f. *decussata* (Bagl.) Zahlbr. = *Lecanora rupicola* subsp. *sulphurata*
Lecanora symmictera Nyl. = *Lecanora symmicta*
Lecanora symmictera f. *ecrustacea* Nyl. = *Lecanora symmicta*
Lecanora symmictera var. *pumilionis* (Rehm) Lettau = *Lecanora symmicta*
Lecanora teichotea Nyl. = *Myriolecis pruinosa*

- Lecanora umbrina* f. *lithophila* (Wallr.) B. de Lesd. = *Myriolecis hagenii*
Lecanora varia var. *abbrevians* Hedl. = *Lecanora varia*
Lecanora varia var. *vulgaris* Körb. = *Lecanora varia*
Lecanora verrucosa Ach. = *Aspicilia verrucosa*
Lecanora viridescens (A. Massal.) Müll. Arg. = *Aspicilia viridescens*
- Lecidea aglaea* Sommerf. = *Calvitimela aglaea*
Lecidea albocaerulescens (Wulfen) Ach. = *Porpidia albocaerulescens*
Lecidea albocaerulescens f. *alpina* (Schaer.) Arnold = *Porpidia rugosa*
Lecidea albocaerulescens f. *flavocaerulescens* (Hornem.) Schaer. = *Porpidia flavicunda*
Lecidea albocaerulescens var. *vulgaris* Schaer. = *Porpidia albocaerulescens*
Lecidea albosuffusa var. *petrosa* (Arnold) Vain. = *Farnoldia jurana*
Lecidea arctica Sommerf. = *Frutidella caesioatra*
Lecidea armeniaca (DC.) Fr. = *Calvitimela armeniaca*
Lecidea atrobrunnea f. *congregata* Kremp. = *Lecidea atrobrunnea*
Lecidea atrobrunnea f. *planiuscula* (Körb.) Zahlbr. = *Lecidea atrobrunnea*
Lecidea atrocinerea (Schaer.) Vain. (nom. illeg.) = *Schaereria fuscocinerea*
Lecidea atronivea Arnold = *Carbonea atronivea*
Lecidea auriculata var. *evoluta* Th. Fr. = *Lecidea auriculata*
Lecidea caesiopruinosa Schaer. = *Fuscidea commixta*
Lecidea cerebrina (DC.) Schaer. = *Poeltinula cerebrina* subsp. *cebrina*
Lecidea chondrodes (A. Massal.) Malbr. = *Clauzadea chondrodes*
Lecidea cinereoatra Ach. = *Porpidia cinereoatra*
Lecidea coarctata (Turner) Nyl. = *Trapelia coarctata*
Lecidea coarctata var. *elacista* (Ach.) Th. Fr. = *Trapelia coarctata*
Lecidea crustulata (Ach.) Spreng. = *Porpidia crustulata*
Lecidea cyanea sensu Th. Fries = *Lecidea tessellata*
Lecidea decipiens (Hedw.) Ach. = *Psora decipiens*
Lecidea decipiens f. *dealbata* (A. Massal.) Jatta = *Psora decipiens*
Lecidea declinascens Nyl. = *Lecidea lapicida* var. *lapicida*
Lecidea demissa (Rustr.) Ach. = *Lecidoma demissum*
Lecidea dicksonii auct., non (J.F. Gmel.) Ach. = *Tremolecia atrata*
Lecidea distans Kremp. = *Carbonea distans*
Lecidea elaeochroma (Ach.) Ach. = *Lecidella elaeochroma*
Lecidea elaeochroma f. *geographica* (Bagl.) Zahlbr. = *Lecidella elaeochroma*
Lecidea elata Schaer. = *Lecanora marginata*
Lecidea endolitha Lyngby = *Lecidella patavina*
Lecidea enteromorpha (Flot.) Vain. = *Lecidea plana*
Lecidea fumosa (Hoffm.) Ach. = *Lecidea fuscoatra*
Lecidea fusca var. *atropusca* (Lönnr.) Th. Fr. = *Bryobilimbia hypnorum*
Lecidea fuscoatra f. *fumosa* (Hoffm.) Harm. = *Lecidea fuscoatra*
Lecidea fuscoatra f. *mosigii* (Ach.) Nyl. = *Lecidea fuscoatra*
Lecidea fuscoatra f. *opaca* (Schaer.) Vain. = *Lecidea fuscoatra*

- Lecidea glomerulosa* (DC.) Steud. = *Lecidella euphorea*
Lecidea glomerulosa f. *achrista* (Sommerf.) Vain. = *Lecidella euphorea*
Lecidea glomerulosa f. *euphorea* (Flörke) Vain. = *Lecidella euphorea*
Lecidea goniophila auct., non Flörke = *Lecidella anamaloides*
Lecidea granulosa (Hoffm.) Ach. = *Trapeliopsis granulosa*
Lecidea grisella f. *subcrustracea* (H.G. Falk) Dalla Torre & Sarnth. = *Lecidea grisella*
Lecidea griseoatra auct., non (Hoffm.) Flot. ex Schaer. = *Schaereria fuscocinerea*
Lecidea griseoatra var. *lygaeoides* (Vain.) Zahlbr. = *Schaereria fuscocinerea*
Lecidea humosa (Hoffm.) Röhl. = *Placynthiella uliginosa*
Lecidea incongrua f. *ochracea* Szatala = *Lecidella stigmatea*
Lecidea insularis Nyl. = *Lambiella insularis*
Lecidea interjecta Bagl. & Carestia = *Lecidea bagliettoana*
Lecidea intumescens (Flörke ex Flot.) Nyl. = *Lambiella insularis*
Lecidea jurana Schaer. var. *jurana* = *Farnoldia jurana*
Lecidea kochiana Hepp. = *Fuscidea kochiana*
Lecidea kochiana var. *albescens* (Lamy) H. Magn. = *Fuscidea kochiana*
Lecidea lapicida var. *ochromela* (Ach.) Nyl. = *Lecidea lapicida* var. *lapicida*
Lecidea lapicida var. *oxydata* Rabenh. = *Lecidea lapicida* var. *lapicida*
Lecidea latypea Ach. = *Lecidea plana*
Lecidea latypiza auct., non Nyl. = *Lecidella carpathica*
Lecidea laureri (Hepp) Anzi = *Lecidella laureri*
Lecidea lenticularis Ach. = *Catillaria lenticularis*
Lecidea leucophaea (Flörke ex Rabenh.) Nyl. = *Miriquidica leucophaea*
Lecidea leucophaea f. *pelidna* (Ach.) Zahlbr. = *Miriquidica leucophaea*
Lecidea liljenstroemii Du Rietz = *Miriquidica nigroleprosa* var. *liljenstroemii*
Lecidea limosa Ach. = *Protomicarea limosa*
Lecidea lithophila f. *ochracea* (Ach.) Nyl. = *Lecidea lithophila*
Lecidea lucida (Ach.) Ach. = *Psilolechia lucida*
Lecidea lurida Ach. = *Romjularia lurida*
Lecidea lurida f. *pallescens* Grognot = *Romjularia lurida*
Lecidea macrocarpa (DC.) Steud. = *Porpidia macrocarpa*
Lecidea macrocarpa f. *caesiocconvexa* Vain. = *Porpidia macrocarpa*
Lecidea macrocarpa f. *ferrosa* Vain. = *Porpidia macrocarpa*
Lecidea macrocarpa f. *phaea* (Flot. ex Körb.) Th. Fr. = *Porpidia macrocarpa*
Lecidea macrocarpa f. *praetoria* Th. Fr. = *Porpidia macrocarpa*
Lecidea macrocarpa var. *meiosporella* Vain. = *Porpidia macrocarpa*
Lecidea macrocarpa var. *platycarpa* (Ach.) Th. Fr. = *Porpidia macrocarpa*
Lecidea macrocarpa var. *steriza* (Ach.) Vain. = *Porpidia macrocarpa*
Lecidea mollis (Wahlenb.) Nyl. = *Fuscidea mollis*
Lecidea mosigii (Körb.) Anzi = *Orphniospora mosigii*
Lecidea neglecta Nyl. = *Lepraria neglecta*
Lecidea obscurella (Sommerf.) Nyl. = *Lecanora phaeostigma*
Lecidea obscurella f. *obscurata* Vain. = *Lecanora phaeostigma*

- Lecidea obscurissima* Nyl. = *Orphniospora mosigii*
Lecidea olivacea (Hoffm.) A. Massal. = *Lecidella elaeochroma*
Lecidea pantherina (Hoffm.) Ach. = *Lecidea lapicida* var. *pantherina*
Lecidea pantherina var. *achariana* Vain. = *Lecidea lapicida* var. *pantherina*
Lecidea pantherina var. *lactea* (Flörke ex Schaer.) Vain. = *Lecidea lapicida* var. *pantherina*
Lecidea parasema auct. = *Lecidella elaeochroma*
Lecidea parasema f. *limitata* (Scop.) Ach. = *Lecidella elaeochroma*
Lecidea parasema var. *rugulosa* Ach. = *Lecidella elaeochroma*
Lecidea petrosa Arnold = *Farnoldia jurana*
Lecidea polycarpa Flörke ex Sommerf. = *Lecidea lapicida* var. *pantherina*
Lecidea pullata (Norman) Th. Fr. = *Frutidella furfuracea*
Lecidea rhaetica Hepp ex Th. Fr. = *Farnoldia micropsis*
Lecidea rufonigra (Tuck.) Nyl. = *Psorula rufonigra*
Lecidea sanguineoatra sensu Nylander, non (Wulfen) Ach. = *Bryobilimbia hypnorum*
Lecidea sanguineoatra var. *fusca* (Borrer) Vain. = *Bryobilimbia hypnorum*
Lecidea spectabilis Flörke = *Calvitimela armeniaca*
Lecidea speirea (Ach.) Ach. = *Porpidia speirea*
Lecidea speirea f. *pruinosa* Vain. = *Porpidia speirea*
Lecidea stigmathea Ach. = *Lecidella stigmathea*
Lecidea stigmathea f. *egena* (Kremp.) H. Magn. = *Lecidella stigmathea*
Lecidea sylvicola Flot. ex Körb. = *Brianaria sylvicola*
Lecidea templetonii Taylor = *Bryobilimbia hypnorum*
Lecidea tenebricosa auct. = *Lecidea erythrophaea*
Lecidea tenebrosa Flot. = *Schaereria fuscocinerea*
Lecidea testacea (Hoffm.) Ach. = *Psora testacea*
Lecidea uliginosa (Schrad.) Ach. = *Placynthiella uliginosa*
Lecidea vernalis (L.) Ach. = *Biatora vernalis*
Lecidea vorticosa (Flörke) Körb. = *Carbonea vorticosa*
Lecidea vulgata Zahlbr. = *Lecidella stigmathea*
Lecidea vulgata f. *glabra* Zahlbr. = *Lecidella stigmathea*
Lecidea xanthococca Sommerf. = *Pycnora xanthococca*
Lecidea zeoroides Anzi = *Porpidia zeoroides*
- Lecidella lithophila* (Ach.) Arnold = *Lecidea lithophila*
Lecidella lithophila f. *oxydata* (Schaer.) P. Syd. = *Lecidea lithophila*
Lecidella parasema var. *rugulosa* (Ach.) P. Syd. = *Lecidella elaeochroma*
Lecidella pruinosa Körb. = *Lecidea lithophila*
- Lecothecium corallinoides* (Wallr.) Körb. = *Placynthium nigrum*
- Lepraria aeruginosa* auct. = *Lepraria incana*
Lepraria cacuminum sensu auct. = *Lepraria alpina*
Lepraria candelaris (L.) Fr. = *Chrysothrix candelaris*
Lepraria chlorina (Ach.) Ach. = *Chrysothrix chlorina*

- Lepraria crassissima* auct., non (Hue) Lettau = *Lepraria nivalis*
Lepraria latebrarum Ach. = *Dendrographa latebrarum*
Lepraria lobificans auct., non Nyl. = *Lepraria finkii*
Leprocaulon microscopicum (Vill.) Gams = *Leprocaulon quisquiliare*
Leptoloma cacuminum sensu auct. = *Lepraria alpina*
Leptogium caesium (Ach.) Vain. = *Leptogium cyanescens*
Leptogium corniculatum (Hoffm.) Minks = *Scytinium palmatum*
Leptogium lacerum (Retz.) Gray = *Scytinium lichenoides*
Leptogium lacerum var. *pulvinatum* (Hoffm.) Durieu & Mont. = *Scytinium pulvinatum*
Leptogium lichenoides (L.) Zahlbr. = *Scytinium lichenoides*
Leptogium lichenoides f. *ateleum* (Ach.) Zahlbr. = *Scytinium lichenoides*
Leptogium lichenoides f. *lacerum* (Retz.) Szatala = *Scytinium lichenoides*
Leptogium lichenoides var. *lophaeum* (Ach.) Zahlbr. = *Scytinium lichenoides*
Leptogium lichenoides var. *pulvinatum* (Hoffm.) Zahlbr. = *Scytinium pulvinatum*
Leptogium magnussonii Degel. & P.M. Jørg. = *Scytinium magnussonii*
Leptogium occultatum (Bagl.) Zahlbr. = *Rostania occultata*
Leptogium palmatum (Huds.) Mont. = *Scytinium palmatum*
Leptogium plicatile (Ach.) Leight. = *Scytinium plicatile*
Leptogium pulvinatum (Hoffm.) Cromb. = *Scytinium pulvinatum*
Leptogium sinuatum (Huds.) A. Massal. = *Scytinium gelatinosum*
Leptogium subtile (Schrad.) Torss. = *Scytinium subtile*
Leptogium tenuissimum (Dicks.) Körb. = *Scytinium tenuissimum*
Leptogium turgidum (Ach.) Cromb. = *Scytinium turgidum*
Leptorhaphis quercus f. *macrospora* Eitner = *Leptosillia macrospora*
Leptorhaphis wienkampii J. Lahm ex Hazsl. = *Leptosillia wienkampii*
Letharia divaricata (L.) Hue = *Evernia divaricata*
Lichinella nigrivetella (Lettau) P.P. Moreno & Egea = *Thallinocarpon nigrivetellum*
Limboria actinostoma (Ach.) A. Massal. = *Diploschistes actinostoma*
Lobaria amplissima (Scop.) Forssell = *Ricasolia amplissima*
Lobaria pulmonaria f. *hypomela* (Delise) Cromb. = *Lobaria pulmonaria*
Lobaria pulmonaria f. *papillaris* (Delise) Hue = *Lobaria pulmonaria*
Lobaria pulmonaria f. *sorediata* (Schaer.) Zahlbr. = *Lobaria pulmonaria*
Lobaria verrucosa (Huds.) Hoffm. = *Lobarina scrobiculata*
Mallotium hildenbrandii (Garov.) A. Massal. = *Leptogium hildenbrandii*
Mallotium saturninum (Dicks.) Gray = *Leptogium saturninum*
Megaspora verrucosa (Ach.) Hafellner & V. Wirth = *Aspicilia verrucosa*

- Melanelia acetabulum* (Neck.) Essl. = *Pleurosticta acetabulum*
Melanelia commixta (Nyl.) A. Thell = *Cetraria commixta*
Melanelia disjuncta (Erichsen) Essl. = *Montanelia disjuncta*
Melanelia elegantula (Zahlbr.) Essl. = *Melanohalea elegantula*
Melanelia exasperata (De Not.) Essl. = *Melanohalea exasperata*
Melanelia exasperatula (Nyl.) Essl. = *Melanohalea exasperatula*
Melanelia fuliginosa (Fr. ex Duby) Essl. = *Melanelixia fuliginosa*
Melanelia fuliginosa subsp. *glabratula* (Lamy) Coppins = *Melanelixia glabratula*
Melanelia glabra (Schaer.) Essl. = *Melanelixia glabra*
Melanelia olivacea (L.) Essl. = *Melanohalea olivacea*
Melanelia panniformis (Nyl.) Essl. = *Montanelia panniformis*
Melanelia sorediata (Ach.) Goward & Ahti = *Montanelia sorediata*
Melanelia subargentifera (Nyl.) Essl. = *Melanelixia subargentifera*
Melanelia subaurifera (Nyl.) Essl. = *Melanelixia subaurifera*

Melanohalea infumata (Nyl.) O. Blanco, A. Crespo, Divakar, Essl., D. Hawksw. & Lumbsch – see *M. elegantula*

Metasphaeria cerasi (Schrud.) Vain. = *Arthopyrenia cerasi*
Metasphaeria rhyponia (Ach.) Vain. = *Naetrocymbe rhyponia*

Micarea sylvicola (Flot.) Vězda & V. Wirth = *Brianaria sylvicola*

Microglaena modesta (Nyl.) A.L. Sm. = *Thelenella modesta*
Microglaena muscorum Th. Fr. = *Thelenella muscorum* var. *muscorum*
Microglaena wallrothiana Körb. = *Thelenella modesta*

Microthelia aterrima (Kremp. ex Anzi) Zahlbr. = *Lichenothelia scopularia*

Moelleropsis nebulosa (Hoffm.) Gyeln. = *Fuscopannaria nebulosa*

Mycobilimbia lurida (Ach.) Hafellner & Türk = *Romjularia lurida*

Myriospora heppii Nägeli = *Caeruleum heppii*

Neofuscelia delisei (Duby) Essl. = *Xanthoparmelia delisei*
Neofuscelia loxodes (Nyl.) Essl. = *Xanthoparmelia loxodes*
Neofuscelia pokornyii (Körb.) Essl. = *Xanthoparmelia pokornyii*
Neofuscelia pulla (Ach.) Essl. = *Xanthoparmelia pulla*
Neofuscelia rysssolea (Ach.) Essl. = *Xanthoparmelia rysssolea*
Neofuscelia verruculifera (Nyl.) Essl. = *Xanthoparmelia verruculifera*

Nephroma lusitanicum Schaer. = *Nephroma laevigatum*
Nephroma resupinatum f. *rameum* Schaer. = *Nephroma resupinatum*
Nephroma resupinatum var. *helveticum* Ach. = *Nephroma helveticum*

Nephromium laevigatum (Ach.) Nyl. = *Nephroma laevigatum*

Nephromium laevigatum var. *parile* (Ach.) Nyl. = *Nephroma parile*
Nephromium parile f. *hybridum* Gyeln. = *Nephroma parile*
Nephromium tomentosum (Hoffm.) Nyl. = *Nephroma resupinatum*

Obryzum corniculatum auct. = *Scytinium palmatum*

Ochrolechia androgyna f. *leprosa* (Nyl.) Verseghy = *Ochrolechia androgyna*
Ochrolechia pallescens f. *laevigata* (Grognot) Verseghy = *Ochrolechia pallescens*
Ochrolechia pallescens var. *tumidula* auct., non (Hoffm.) Körb. = *Ochrolechia pallescens*
Ochrolechia parella f. *corticola* (A. Massal.) Kieff. = *Ochrolechia pallescens*
Ochrolechia parella f. *striata* Verseghy = *Ochrolechia parella*
Ochrolechia parella var. *alboflavescens* (Wulfen) Arnold = *Ochrolechia alboflavescens*
Ochrolechia parella var. *tumidula* auct., non (Hoffm.) Arnold. = *Ochrolechia pallescens*
Ochrolechia subtartarea (Nyl.) A. Massal. = *Ochrolechia androgyna*
Ochrolechia upsaliensis f. *exotica* Vain. = *Ochrolechia upsaliensis*

Omphalaria pulvinata auct., non (Schaer.) Nyl. = *Thyrea confusa*
Omphalaria pulvinata var. *latior* Nyl. = *Thyrea confusa*

Omphalina ericetorum (Pers.) M. Lange = *Lichenomphalia umbellifera*

Opegrapha atra Pers. = *Arthonia atra*
Opegrapha calcarea Turner ex Sm. = *Arthonia calcarea*
Opegrapha chevallieri Leight. f. *heteromorpha* (Stizenb.) Hepp ex Nyl. = *Arthonia calcarea*
Opegrapha diaphora Ach. = *Alyxoria varia*
Opegrapha diaphora var. *violatra* H. Olivier = *Alyxoria varia*
Opegrapha grumulosa Dufour = *Paralecanographa grumulosa*
Opegrapha pulcaris auct., non (Hoffm.) Fr. = *Alyxoria varia*
Opegrapha rimalis f. *simplex* (H. Olivier) Zahlbr. = *Alyxoria varia*
Opegrapha rufescens Pers. = *Pseudoschismatomma rufescens*
Opegrapha saxicola Ach., non auct. = *Opegrapha rupestris*
Opegrapha subelevata Nyl. = *Alyxoria subelevata*
Opegrapha varia Pers. = *Alyxoria varia*
Opegrapha varia var. *diaphora* (Ach.) Fr. = *Alyxoria varia*
Opegrapha varia var. *pulcaris* auct., non (Hoffm.) Fr. = *Alyxoria varia*
Opegrapha varia var. *rimalis* (Ach.) Fr. = *Alyxoria varia*
Opegrapha viridis (Ach.) Ach. = *Zwackhia viridis*

Ovularia peltigerae Keissl. = *Refractobilum peltigerae*

Pannaria brunnea (Sw.) A. Massal. = *Protopannaria pezizoides*
Pannaria brunnea var. *coronata* (Hoffm.) A. Massal. = *Fuscopannaria nebulosa*
Pannaria caeruleobadia A. Massal. (nom. illeg.) = *Pannaria conoplea*
Pannaria hypnorum (Vahl) Körb. = *Psoroma hypnorum*
Pannaria lanuginosa sensu Szatala, non (Ach.) Körb. = *Pannaria conoplea*

- Pannaria microphylla* (Sw.) A. Massal. = *Vahliella leucophaea*
Pannaria nebulosa (Hoffm.) Nyl. = *Fuscopannaria nebulosa*
Pannaria nebulosa f. *coronata* Leight. = *Fuscopannaria nebulosa*
Pannaria pezizoides (Weber) Trevis. = *Protopannaria pezizoides*
Pannaria pezizoides f. *coronata* (Hoffm.) Trevis. = *Protopannaria pezizoides*
Pannaria pezizoides f. *pseudonebulosa* Gyeln. = *Protopannaria pezizoides*
Pannaria pityrea sensu Degelius, non (DC.) G.B.F. Nilsson = *Pannaria conoplea*
Pannaria praetermissa Nyl. = *Fuscopannaria praetermissa*
Pannaria rubiginosa var. *conoplea* (Ach.) Körb. = *Pannaria conoplea*

Parmelia acetabulum (Neck.) Duby = *Pleurosticta acetabulum*
Parmelia acetabulum f. *pruinosa* B. de Lesd. ex Gyeln. = *Pleurosticta acetabulum*
Parmelia alpicola Th. Fr. = *Allantoparmelia alpicola*
Parmelia ambigua (Hoffm.) Ach. = *Parmeliopsis ambigua*
Parmelia aspera A. Massal. = *Melanohalea exasperata*
Parmelia aspera f. *exasperans* (Nyl.) Grummann = *Xanthoparmelia pulla*
Parmelia aspidota (Ach.) Röhl. = *Melanohalea exasperata*
Parmelia aspidota var. *exasperans* (Nyl.) Szatala = *Xanthoparmelia pulla*
Parmelia aspidota var. *exasperatula* (Nyl.) P. Syd. = *Melanohalea exasperatula*
Parmelia bitteriana Zahlbr. = *Hypogymnia farinacea*
Parmelia borrieri Turner ex Sm. = *Punctelia borrieri*
Parmelia caperata (L.) Ach. = *Flavoparmelia caperata*
Parmelia caperata f. *sorediosa* Müll. Arg. = *Flavoparmelia caperata*
Parmelia carporrhizans Taylor = *Parmelina carporrhizans*
Parmelia ceratea (Ach.) Sandst. = *Pseudevernia furfuracea* var. *ceratea*
Parmelia cetrarioides (Delise ex Duby) Nyl. = *Cetrelia cetrarioides*
Parmelia cetrarioides var. *rubescens* (Th. Fr.) Du Rietz = *Cetrelia olivetorum*
Parmelia conspersa (Ehrh. ex Ach.) Ach. = *Xanthoparmelia conspersa*
Parmelia conspersa f. *heterocyta* (Mereschk.) Rass. = *Xanthoparmelia conspersa*
Parmelia conspersa f. *isidiata* Anzi = *Xanthoparmelia conspersa*
Parmelia conspersa f. *latior* (Schaer.) Schaer. = *Xanthoparmelia stenophylla*
Parmelia conspersa f. *taeniata* Anders = *Xanthoparmelia stenophylla*
Parmelia conspersa var. *hypoclista* Nyl. = *Xanthoparmelia sublaevis*
Parmelia conspersa var. *isidiata* (Anzi) E.C. Berry = *Xanthoparmelia conspersa*
Parmelia conspersa var. *stenophylla* Ach. = *Xanthoparmelia stenophylla*
Parmelia contorta Bory, non (Hoffm.) Spreng. = *Parmelia submontana*
Parmelia cylisphora (Ach.) Vain. = *Flavoparmelia caperata*
Parmelia delisei (Duby) Nyl. = *Xanthoparmelia delisei*
Parmelia diffusa auct. = *Parmeliopsis ambigua*
Parmelia disjuncta Erichsen = *Montanelia disjuncta*
Parmelia dubia (Wulfen) Schaer. (nom. illeg.) = *Punctelia subrudecta*
Parmelia encausta (Sm.) Ach. = *Brodoa intestiniformis*
Parmelia encausta f. *intestiniformis* (Vill.) Zahlbr. = *Brodoa intestiniformis*

- Parmelia encausta* var. *intestiniiformis* (Vill.) Bisch. = *Brodoa intestiniiformis*
Parmelia encausta var. *multipuncta* (Ehrh.) Th. Fr. = *Brodoa intestiniiformis*
Parmelia encausta var. *textilis* Ach. = *Brodoa intestiniiformis*
Parmelia exasperata De Not. = *Melanohalea exasperata*
Parmelia exasperatula Nyl. = *Melanohalea exasperatula*
Parmelia fablunensis auct. = *Melanelia hepatizon*
Parmelia farinacea Bitter = *Hypogymnia farinacea*
Parmelia fuliginosa (Fr. ex Duby) Nyl. = *Melanelixia fuliginosa*
Parmelia fuliginosa var. *laetevirens* (Flot. ex Körb.) Nyl. = *Melanelixia glabratula*
Parmelia furfuracea (L.) Ach. = *Pseudevernia furfuracea* var. *furfuracea*
Parmelia furfuracea var. *candidula* (Ach.) Th. Fr. = *Pseudevernia furfuracea* var. *ceratea*
Parmelia furfuracea var. *ceratea* Ach. = *Pseudevernia furfuracea* var. *ceratea*
Parmelia furfuracea var. *isidiophora* Zahlbr. = *Pseudevernia furfuracea* var. *furfuracea*
Parmelia furfuracea var. *olivatorina* (Zopf) Zahlbr. = *Pseudevernia furfuracea* var. *ceratea*
Parmelia furfuracea var. *scobicina* Ach. = *Pseudevernia furfuracea* var. *furfuracea*
Parmelia furfuracea var. *sorediata* Ach. = *Pseudevernia furfuracea* var. *furfuracea*
Parmelia furfuracea var. *soreumatica* Wallr. = *Pseudevernia furfuracea* var. *furfuracea*
Parmelia glabra (Schaer.) Nyl. = *Melanelixia glabra*
Parmelia glabra f. *balcanica* Gyeln. = *Melanelixia glabra*
Parmelia glomellifera (Nyl.) Nyl. = *Xanthoparmelia verruculifera*
Parmelia hyperopta Ach. = *Parmeliopsis hyperopta*
Parmelia imitans var. *coloradoensis* (Gyeln.) Gyeln. = *Xanthoparmelia stenophylla*
Parmelia incurva (Pers.) Fr. = *Arctoparmelia incurva*
Parmelia isidiata (Anzi) Gyeln. = *Xanthoparmelia conspersa*
Parmelia isidiotyla Nyl. = *Xanthoparmelia loxodes*
Parmelia laetevirens (Flot. ex Körb.) F. Rosend. (nom. illeg.) = *Melanelixia glabratula*
Parmelia molliuscula auct., non Ach. = *Xanthoparmelia stenophylla*
Parmelia obscura auct. = *Phaeophyscia orbicularis*
Parmelia obscurata (Ach.) Bitter = *Hypogymnia austerodes*
Parmelia olivacea (L.) Ach. = *Melanohalea olivacea*
Parmelia olivaria sensu Th. Fries = *Cetrelia olivetorum*
Parmelia olivacea var. *fuliginosa* Fr. ex Duby = *Melanelixia fuliginosa*
Parmelia olivaria var. *olivatorum* (Ach.) Gyeln. = *Cetrelia olivetorum*
Parmelia olivetorina (Zopf) Sandst. = *Pseudevernia furfuracea* var. *ceratea*
Parmelia olivetorina f. *candidula* (Ach.) Anders = *Pseudevernia furfuracea* var. *ceratea*
Parmelia omphalodes f. *pruinosa* Anders. = *Parmelia omphalodes*
Parmelia omphalodes subsp. *pinnatifida* (Kurok.) Skult = *Parmelia pinnatifida*
Parmelia omphalodes var. *panniformis* Ach. = *Parmelia pinnatifida*
Parmelia panniformis (Nyl.) Vain. = *Montanelia panniformis*
Parmelia perlata (Huds.) Ach. = *Parmotrema perlatum*
Parmelia perlata var. *sorediata* (Schaer.) Frey = *Parmotrema perlatum*
Parmelia physodes (L.) Ach. = *Hypogymnia physodes*
Parmelia physodes f. *elegans* Mereschk. = *Hypogymnia physodes*

- Parmelia physodes* f. *fornicata* Gyeln. = *Hypogymnia physodes*
Parmelia physodes f. *granulosa* Harm. = *Hypogymnia physodes*
Parmelia physodes f. *labrosa* (Ach.) Branth = *Hypogymnia physodes*
Parmelia physodes f. *latior* Gyeln. = *Hypogymnia physodes*
Parmelia physodes var. *labrosa* Ach. = *Hypogymnia physodes*
Parmelia pokornyii (Körb.) Szatala = *Xanthoparmelia pokornyii*
Parmelia pokornyii f. *bulgarica* Gyeln. = *Xanthoparmelia pokornyii*
Parmelia proluxa (Ach.) Röhl. = *Xanthoparmelia pulla*
Parmelia proluxa f. *corrugata* (Kernst.) Dalla Torre & Sarntn. = *Xanthoparmelia pulla*
Parmelia proluxa f. *dissecta* Hilitzer = *Xanthoparmelia pulla*
Parmelia proluxa var. *integra* Gyeln. = *Xanthoparmelia pulla*
Parmelia proluxa var. *pannariiformis* Nyl. ex Lamy = *Montanelia panniformis*
Parmelia pubescens (L.) Vain. = *Pseudephebe pubescens*
Parmelia pulla Ach. = *Xanthoparmelia pulla*
Parmelia pulla f. *bulgarica* Gyeln. = *Xanthoparmelia pulla*
Parmelia pulla var. *delisei* (Duby) H. Magn. = *Xanthoparmelia delisei*
Parmelia pulla var. *pokornyii* (Körb.) Poelt & Vězda = *Xanthoparmelia pokornyii*
Parmelia pulverulenta (Schreb.) Ach. = *Physconia distorta*
Parmelia quercina (Willd.) Vain. = *Parmelina quercina*
Parmelia quercina f. *saxicola* (Körb.) Zahlbr. = *Parmelina quercina*
Parmelia revoluta Flörke = *Hypotrachyna revoluta*
Parmelia robusta Degel. = *Parmotrema robustum*
Parmelia rosaeformis (Ach.) Gyeln. = *Parmelia sulcata*
Parmelia ryssolea (Ach.) Nyl. = *Xanthoparmelia ryssolea*
Parmelia saxatilis f. *furfuracea* Schaer. = *Parmelia saxatilis*
Parmelia saxatilis f. *omphalodes* (L.) Tuck. = *Parmelia omphalodes*
Parmelia saxatilis var. *aizonii* Delise ex Duby = *Parmelia saxatilis*
Parmelia saxatilis var. *panniformis* (Ach.) Schaer. = *Parmelia pinnatifida*
Parmelia saxatilis var. *retiruga* (DC.) Th. Fr. = *Parmelia saxatilis*
Parmelia saxatilis var. *sulcata* (Taylor) Linds. = *Parmelia sulcata*
Parmelia scorteae (Ach.) Ach. = *Parmelina tiliacea*
Parmelia scorteae f. *concreta* Cromb. = *Parmelina tiliacea*
Parmelia scorteae f. *obscurior* (Hillmann) Hillmann = *Parmelina tiliacea*
Parmelia solediata (Ach.) Th. Fr. = *Montanelia solediata*
Parmelia sprengelii Flörke = *Montanelia solediata*
Parmelia stenophylla auct. = *Xanthoparmelia stenophylla*
Parmelia stygia (L.) Ach. = *Melanelia stygia*
Parmelia stygia var. *reagens* Servit = *Melanelia stygia*
Parmelia subaurifera Nyl. = *Melanelixia subaurifera*
Parmelia sulcata f. *contortoides* (Zahlbr.) Zahlbr. = *Parmelia sulcata*
Parmelia tiliacea (Hoffm.) Ach. = *Parmelina tiliacea*
Parmelia tiliacea f. *obscurior* Hillmann = *Parmelina tiliacea*
Parmelia tiliacea f. *scorteae* (Duby) Nyl. = *Parmelina tiliacea*

- Parmelia tiliacea* var. *scortea* Duby = *Parmelina tiliacea*
Parmelia tinctoria Maheu & A. Gillet = *Xanthoparmelia tinctoria*
Parmelia tribacia (Ach.) Sommerf. = *Physcia tribacia*
Parmelia trichotera Hue = *Parmotrema perlatum*
Parmelia tubulosa (Schaer.) Bitter = *Hypogymnia tubulosa*
Parmelia verruculifera Nyl. = *Xanthoparmelia verruculifera*
Parmelia vittata (Ach.) Röhl. = *Hypogymnia vittata*
- Parmeliella corallinoides* auct., non (Hoffm.) Zahlbr. = *Parmeliella triptophylla*
Parmeliella lepidiota (Sommerf.) Vain. = *Fuscopannaria praetermissa*
Parmeliella lepidiota f. *praetermissa* (Nyl.) Gyeln. = *Fuscopannaria praetermissa*
Parmeliella lepidiota f. *sorediosa* (Vain.) Gyeln. = *Fuscopannaria praetermissa*
Parmeliella microphylla (Sw.) Müll. Arg. = *Vahliella leucophaea*
- Parmeliopsis aleurites* (Ach.) Nyl. = *Imshaugia aleurites*
Parmeliopsis ambigua var. *angustata* Hillmann = *Parmeliopsis ambigua*
Parmeliopsis pallescens (Hoffm.) Zahlbr. = *Imshaugia aleurites*
- Parmotrema chinense* auct., non (Osbeck) Hale & Ahti = *Parmotrema perlatum*
Peltidea polydactylon (Neck.) Ach. (as 'polydactyla'). = *Peltigera polydactylon*
- Peltigera aphthosa* var. *variolosa* A. Massal. = *Peltigera leucophlebia*
Peltigera canina f. *leucorrhiza* Arnold (nom. illeg.) = *Peltigera canina*
Peltigera canina f. *rufa* Kremp. = *Peltigera didactyla*
Peltigera canina f. *spongiosa* (Tuck.) Tuck. = *Peltigera canina*
Peltigera canina f. *subcanina* (Gyeln.) Oxner = *Peltigera praetextata*
Peltigera canina f. *subnitens* Harm. = *Peltigera canina*
Peltigera canina f. *ulorrhiza* (Flörke) Dalla Torre & Sarnth. (nom. illeg.) = *Peltigera rufescens*
Peltigera erumpens (Taylor) Lange = *Peltigera didactyla*
Peltigera erumpens var. *hazslinszkyi* (Gyeln.) Oxner = *Peltigera didactyla*
Peltigera horizontalis f. *muscorum* (Schaer.) Zahlbr. = *Peltigera horizontalis*
Peltigera lactucifolia auct., non (With.) J.R. Laundon = *Peltigera hymenina*
Peltigera leptoderma auct. = *Peltigera didactyla*
Peltigera malacea f. *crispa* Gyeln. = *Peltigera malacea*
Peltigera malacea f. *ulophylla* Laurer = *Peltigera malacea*
Peltigera polydactylon f. *hymenina* (Ach.) Flot. = *Peltigera hymenina*
Peltigera polydactylon f. *microcarpa* (Ach.) Merát = *Peltigera polydactylon*
Peltigera rufescens f. *incusa* Flot. = *Peltigera rufescens*
Peltigera scutata (Dicks.) Duby = *Peltigera collina*
Peltigera spuria (Ach.) DC. = *Peltigera didactyla*
Peltigera spuria var. *erumpens* (Tayl.) Harm. = *Peltigera didactyla*
Peltigera spuria var. *hazslinszkyi* (Gyeln.) Trass = *Peltigera didactyla*
Peltigera subcanina Gyeln. = *Peltigera praetextata*
Peltigera variolosa (A. Massal.) Gyeln. = *Peltigera leucophlebia*

- Pertusaria albescens* (Huds.) M. Choisy & Werner = *Lepra albescens*
Pertusaria albescens var. *subflotowiana* (Erichsen) Hankó = *Lepra albescens*
Pertusaria amara (Ach.) Nyl. = *Lepra amara*
Pertusaria amara f. *carpini* Erichsen = *Lepra amara*
Pertusaria aspergilla (Ach.) J.R. Laundon = *Lepra aspergilla*
Pertusaria communis DC. = *Pertusaria pertusa*
Pertusaria communis var. *leucostoma* auct. = *Pertusaria leioplaca*
Pertusaria communis var. *variolosa* auct. = *Pertusaria pertusa*
Pertusaria dacica Erichsen = *Lepra albescens*
Pertusaria discoidea (Pers.) Malme = *Lepra albescens*
Pertusaria discoidea f. *albida* Erichsen = *Lepra albescens*
Pertusaria excludens Nyl. = *Lepra excludens*
Pertusaria globulifera (Turner) A. Massal. = *Lepra albescens*
Pertusaria globulifera var. *subflotowiana* Erichsen = *Lepra albescens*
Pertusaria hemisphaerica (Flörke) Erichsen = *Varicellaria hemisphaerica*
Pertusaria henrici sensu Erichsen = *Lepra albescens*
Pertusaria kasandjeffii Szatala = *Varicellaria kasandjeffii*
Pertusaria lactea (L.) Arnold = *Varicellaria lactea*
Pertusaria laevigata var. *discrepans* Erichsen = *Lepra trachythallina*
Pertusaria leioplaca var. *tetraspora* Th. Fr. = *Pertusaria leioplaca*
Pertusaria leucosora auct. = *Lepra aspergilla*
Pertusaria leucostoma auct. sensu A. Massalongo = *Pertusaria leioplaca*
Pertusaria lutescens (Hoffm.) Lamy (nom. illeg.) = *Pertusaria flavida*
Pertusaria melanochlora (DC.) Nyl. = *Lepra melanochlora*
Pertusaria ocellata Körb. = *Lepra ocellata*
Pertusaria ocellata f. *variolosa* Flot. = *Pertusaria ocellata*
Pertusaria orbiculata (Hoffm.) Zahlbr. = *Lepra albescens*
Pertusaria pertusa var. *polycarpa* (D.S. Clemente) Zahlbr. = *Pertusaria pertusa*
Pertusaria rupestris (DC.) Schaer. = *Pertusaria pertusa*
Pertusaria wulfenii DC. = *Pertusaria hymeneae*
Pertusaria wulfenii var. *rupicola* Fr. = *Pertusaria rupicola*

Phaeophyscia chloantha (Ach.) Moberg = *Physciella chloantha*

Physcia aipolia f. *acrita* (Ach.) Cromb. = *Physcia aipolia*
Physcia aipolia f. *caesiopruinosa* Sántha = *Physcia aipolia*
Physcia aipolia f. *cercidia* (Ach.) Mig. = *Physcia aipolia*
Physcia aipolia f. *dentata* Nádv. = *Physcia aipolia*
Physcia aipolia f. *nikoloffii* Gyeln. = *Physcia aipolia*
Physcia aipolia var. *acrita* (Ach.) Hue = *Physcia aipolia*
Physcia aipolia var. *ambigua* (Schaer.) H. Olivier = *Physcia stellaris*
Physcia aipolia var. *antheлина* (Ach.) Zahlbr. = *Physcia aipolia*
Physcia albinea var. *teretiuscula* (Ach.) H. Olivier = *Physcia dubia*

- Physcia ascendens* Bitter = *Physcia adscendens*
Physcia ascendens f. *distracta* Lettau = *Physcia adscendens*
Physcia ascendens f. *echinata* Nádv. = *Physcia adscendens*
Physcia caesia f. *melops* (Dufour ex Nyl.) Vain. = *Physcia phaea*
Physcia ciliaris (L.) DC. = *Anaptychia ciliaris*
Physcia ciliaris var. *crinalis* Schaer. = *Anaptychia crinalis*
Physcia ciliaris var. *verrucosa* (Ach.) Nyl. = *Anaptychia ciliaris*
Physcia ciliata (Hoffm.) Du Rietz = *Phaeophyscia ciliata*
Physcia ciliata f. *chloantha* (Ach.) Nádv. = *Physciella chloantha*
Physcia ciliata var. *sorediifera* (Nyl.) Santha = *Phaeophyscia ciliata*
Physcia dubia f. *arnoldii* Nádv. = *Physcia dubia*
Physcia endococcina (Körb.) Th. Fr. = *Phaeophyscia endococcina*
Physcia enteroxanthella (Harm.) H. Olivier = *Physconia enteroxantha*
Physcia farrea (Ach.) Vain. = *Physconia grisea*
Physcia farrea f. *furfuracea* Mereschk. = *Physconia grisea*
Physcia grisea (Lam.) Zahlbr. = *Physconia grisea*
Physcia hirsuta Mereschk. = *Phaeophyscia hirsuta*
Physcia hispida auct. = *Physcia tenella*
Physcia hispida f. *saxicola* (Malbr.) Sántha = *Physcia tenella*
Physcia leucoleiptes auct. eur., non (Tuck.) Lettau = *Physconia enteroxantha*
Physcia lithotea f. *muscicola* (Schaer.) Harm. = *Phaeophyscia sciastra*
Physcia luganensis Mereschk. = *Physciella chloantha*
Physcia marina (A. Nyl.) Lynge (nom. illeg.) = *Physcia tenella*
Physcia melops Dufour ex Nyl. = *Physcia phaea*
Physcia muscigena (Ach.) Nyl. = *Physconia muscigena*
Physcia muscigena f. *lenta* (Ach.) Vain. = *Physconia muscigena*
Physcia muscigena var. *isidiata* Lynge = *Physconia muscigena*
Physcia nigricans (Flörke) Stizenb. = *Phaeophyscia nigricans*
Physcia nigricans var. *tremulicola* (Nyl.) Lynge = *Phaeophyscia nigricans*
Physcia obscura (P. Gaertn., B. Mey. & Scherb.) Fürnr. = *Phaeophyscia orbicularis*
Physcia obscura var. *cycloselis* (Ach.) J. Kickx f. = *Phaeophyscia orbicularis*
Physcia orbicularis (Neck) Poetsch = *Phaeophyscia orbicularis*
Physcia orbicularis var. *chloantha* (Ach.) Sántha = *Physciella chloantha*
Physcia pulverulenta auct., non (Schreb.) Fürnr. = *Physconia distorta*
Physcia pulverulenta f. *albomarginata* Nádv. = *Physconia distorta*
Physcia pulverulenta f. *angustata* (Hoffm.) Flagey = *Physconia distorta*
Physcia pulverulenta f. *gypsacea* Nádv. = *Physconia distorta*
Physcia pulverulenta f. *lenta* (Ach.) H. Olivier = *Physconia muscigena*
Physcia pulverulenta var. *allochroa* Th. Fr. = *Physconia distorta*
Physcia pulverulenta var. *argyphaea* (Ach.) Nyl. = *Physconia distorta*
Physcia pulverulenta var. *farrea* (Ach.) J. Kickx f. = *Physconia grisea*
Physcia pulverulenta var. *muscigena* (Ach.) Nyl. = *Physconia muscigena*
Physcia pulverulenta var. *turgida* (Schaer.) Sántha = *Physconia distorta*

- Physcia pulverulenta* var. *venusta* (Ach.) Nyl. = *Physconia venusta*
Physcia sciastra (Ach.) Du Rietz = *Phaeophyscia sciastra*
Physcia sciastra f. *endococcina* (Körb.) M. Choisy = *Phaeophyscia endococcina*
Physcia sciastra f. *muscicola* (Schaer.) Szatala = *Phaeophyscia sciastra*
Physcia sciastrilla f. *nigrescens* Harm. = *Phaeophyscia nigricans*
Physcia speciosa (Wulfen) Nyl. = *Heterodermia speciosa*
Physcia stellaris f. *aipolia* (Ehrh. ex Humb.) Th. Fr. = *Physcia aipolia*
Physcia stellaris f. *radiata* (Ach.) Nyl. = *Physcia adscendens*
Physcia stellaris f. *rosulata* (Ach.) Nyl. = *Physcia stellaris*
Physcia stellaris f. *subanthelina* Harm. = *Physcia stellaris*
Physcia stellaris f. *tenella* (Scop.) P. Syd. = *Physcia tenella*
Physcia stellaris f. *tuberculata* (Kernst.) Dalla Torre & Sarnth. = *Physcia stellaris*
Physcia stellaris f. *viridescens* Gyeln. & Nikol. = *Physcia stellaris*
Physcia stellaris var. *radiata* (Ach.) Nyl. = *Physcia adscendens*
Physcia stellaris var. *rosulata* (Ach.) Hue = *Physcia stellaris*
Physcia teretiuscula (Ach.) Lynge = *Physcia dubia*
Physcia teretiuscula f. *pallidula* Nádv. = *Physcia dubia*
Physcia tremulicola Nyl. = *Phaeophyscia nigricans*
Physcia ulotrix (Ach.) Nyl. = *Phaeophyscia ciliata*
Physcia venusta (Ach.) Nyl. = *Physconia venusta*
Physcia virella (Ach.) Flagey = *Phaeophyscia orbicularis*
Physcia wainioi Räsänen = *Physcia subalbinea*

Physconia pulverulenta (Schreb.) Poelt. = *Physconia distorta*

Placidiosis trachytica (Hazsl.) Servít = *Placopyrenium trachyticum*

Placodium albescens (Hoffm.) DC. = *Myriolecis albescens*
Placodium albomarginatum (Nyl. ex Th. Fr.) Szatala = *Protoparmeliopsis versicolor*
Placodium callopismum (Ach.) Mérat = *Variospora aurantia*
Placodium chrysoleucum (Sm.) Link = *Rhizoplaca chrysoleuca*
Placodium chrysoleucum var. *melanophthalmum* (DC.) Bagl. & Carestia = *Rhizoplaca melanophthalma*

Placodium circinatum (Pers.) Gray = *Lobothallia radiosa*
Placodium circinatum f. *farinosa* Hue = *Lobothallia radiosa*
Placodium circinatum var. *myrrhinum* (Ach.) Körb. = *Lobothallia radiosa*
Placodium circinatum var. *radiosum* (Hoffm.) Körb. = *Lobothallia radiosa*
Placodium crassum (Huds.) Link = *Squamarina cartilaginea*
Placodium crassum f. *dealbatum* (A. Massal.) Dalla Torre & Sarnth. = *Squamarina cartilaginea*

Placodium crassum var. *caespitosum* (Vill.) Trevis. = *Squamarina cartilaginea*
Placodium fragile (Zahlbr.) Szatala = *Squamarina gypsacea*
Placodium fragile var. *subcetrarioides* (Zahlbr.) Szatala = *Squamarina gypsacea*
Placodium garowaglii Körb. = *Protoparmeliopsis garowaglii*

- Placodium gypsaceum* (Sm.) Trevis. = *Squamarina gypsacea*
Placodium incusum (Flot.) Szatala = *Caloplaca demissa*
Placodium lentigerum (Weber) Gray = *Squamarina lentigera*
Placodium melanophthalmum (DC.) Szatala = *Rhizoplaca melanophthalma*
Placodium murale (Schreb.) Arnold = *Protoparmeliopsis muralis*
Placodium murale f. *alboeffiguratum* (Anzi) Arnold = *Protoparmeliopsis muralis*
Placodium murale var. *diffractum* (Ach.) Arnold = *Protoparmeliopsis muralis* var. *diffracta*
Placodium murale var. *macrocyclus* H. Magn. = *Protoparmeliopsis macrocyclus*
Placodium murale var. *versicolor* (Pers.) Rabenh. = *Protoparmeliopsis versicolor*
Placodium murorum (Hoffm.) DC. = *Calogaya saxicola*
Placodium prae-radiosum (Nyl.) Szatala = *Lobothallia prae-radiosa*
Placodium radiosum (Hoffm.) Ach. = *Lobothallis radiosa*
Placodium rubinum auct. = *Rhizoplaca chrysoleuca*
Placodium rubinum f. *complicatum* (Ach.) Szatala = *Rhizoplaca chrysoleuca*
Placodium saxicola (Pollich) Frege = *Protoparmeliopsis muralis*
Placodium saxicola f. *riparium* Flot. = *Protoparmeliopsis muralis*
Placodium saxicola var. *diffractum* (Ach.) Flot. = *Protoparmeliopsis muralis* var. *diffracta*
Placodium saxicola var. *versicolor* (Pers.) Flot. = *Protoparmeliopsis versicolor*
Placodium saxicola var. *vulgare* Körb. = *Protoparmeliopsis muralis*
Placodium subcircinatum (Nyl.) Arnold = *Lobothallia radiosa*
Placodium teichoteum (Nyl.) Boistel = *Myriolecis pruinosa*
Placodium versicolor (Pers.) Frege = *Protoparmeliopsis versicolor*
- Placynthium nigrum* f. *densatum* (Harm.) Harm. = *Placynthium nigrum*
Placynthium nigrum f. *triseptatum* (Nyl.) Walt. Watson = *Placynthium nigrum*
Placynthium nigrum var. *triseptatum* (Nyl.) Hue = *Placynthium nigrum*
- Polyblastia bavarica* (Dalla Torre & Sarnth.) Zschacke = *Polyblastia sepulta*
- Polychidium albociliatum* (Desm.) Zahlbr. = *Leptochidium albociliatum*
- Polysporina lapponica* auct. = *Polysporina subfuscescens*
Polysporina simplex ("Davies") Vězda = *Acarospora privigna*
- Porina aenea* (Körb.) Zahlbr. = *Pseudosagedia aenea*
Porina carpineae (Pers.) Zahlbr. = *Pseudosagedia aenea*
Porina chlorotica (Ach.) Müll. Arg. = *Pseudosagedia chlorotica*
- Porocyphus furfurellus* (Nyl.) Forssell = *Porocyphus coccodes*
- Porpidia flavocoerulescens* (Hornem.) Hertel & A.J. Schwab (as '*flavocaeulescens*') = *Porpidia flavicunda*
Porpidia glaucophaea (Körb.) Hertel & Knoph = *Porpidia rugosa*
- Protoblastenia chondrodes* (A. Massal.) Zahlbr. = *Clauzadea chondrodes*
Protoblastenia globulificans (Nyl.) Zahlbr. = *Protoblastenia cyclospora*

- Protoblastenia immersa* (Hoffm.) J. Steiner = *Clauzadea immersa*
Protoblastenia monticola (Schaer.) J. Steiner = *Clauzadea monticola*
Protoblastenia rupestris var. *calva* (Dicks.) J. Steiner = *Protoblastenia calva*
Protoblastenia rupestris var. *incrustans* (DC.) Zahlbr. = *Protoblastenia incrustans*
Protoparmelia psarophana (Nyl.) Sancho & A. Crespo = *Protoparmelia montagnei*
Psora demissa (Rustr.) Stein = *Lecidoma demissum*
Psora lurida (Ach.) DC. = *Romjularia lurida*
Psoroma crassum (Huds.) Gray = *Squamarina cartilaginea*
Pterygium filiforme (Garov.) A.L. Sm. = *Placynthium filiforme*
Pyrenopsis rhodosticta (Taylor) Müll. Arg. = *Cryptothele rhodosticta*
Pyrenula farrea auct., non (Ach.) Branth & Rostr. = *Eopyrenula leucoplaca*
Pyrenula glabrata (Ach.) A. Massal. = *Pyrenula laevigata*
Pyrenula leucoplaca var. *umbrosa* Körb. = *Eopyrenula leucoplaca*
Pyrenula nitida var. *major* Schaer. = *Pyrenula nitida*
- Ramalina calicaris* var. *canaliculata* Fr. = *Ramalina calicaris*
Ramalina calicaris var. *farinacea* (L.) Rabenh. = *Ramalina farinacea*
Ramalina calicaris var. *fastigiata* (Pers.) Fr. = *Ramalina fastigiata*
Ramalina capitata var. *straminea* Motyka = *Ramalina capitata*
Ramalina capitata var. *strepsilis* (Ach.) Motyka = *Ramalina capitata*
Ramalina crinalis (Ach.) Gyeln. = *Ramalina thrausta*
Ramalina crinalis var. *thrausta* (Ach.) Motyka = *Ramalina thrausta*
Ramalina farinacea f. *pendulina* (Ach.) Anders = *Ramalina farinacea*
Ramalina farinacea f. *phalerata* (Ach.) Räsänen = *Ramalina farinacea*
Ramalina farinacea var. *multifida* Ach. = *Ramalina farinacea*
Ramalina farinacea var. *pendulina* (Ach.) Ach. = *Ramalina farinacea*
Ramalina farinacea var. *phalerata* (Ach.) Ach. = *Ramalina farinacea*
Ramalina fraxinea f. *ampliata* (Ach.) Anders = *Ramalina fraxinea*
Ramalina fraxinea f. *attenuata* Nyl. = *Ramalina fraxinea*
Ramalina fraxinea f. *luxurians* Delise = *Ramalina fraxinea*
Ramalina fraxinea var. *calicariiformis* Nyl. = *Ramalina fraxinea*
Ramalina fraxinea var. *fastuosa* (A. Massal.) Motyka = *Ramalina fraxinea*
Ramalina landroensis Zopf = *Ramalina sinensis*
Ramalina mediterranea H. Magn. = *Ramalina breviuscula*
Ramalina obtusata var. *ventricosa* (Eitner) Keissl. = *Ramalina obtusata*
Ramalina pollinaria f. *cucullata* Harm. = *Ramalina pollinaria*
Ramalina pollinaria f. *rupestris* Flörke = *Ramalina pollinaria*
Ramalina pollinaria var. *humulis* Ach. = *Ramalina pollinaria*
Ramalina polymorpha f. *cariosa* Erichsen = *Ramalina polymorpha*

Ramalina populina (Hoffm.) Vain. = *Ramalina fastigiata*

Ramalina strepsilis (Ach.) Zahlbr. = *Ramalina capitata*

Rhizocarpon alboatrum var. *epipolium* auct. = *Diplotomma alboatrum*

Rhizocarpon badioatrum var. *subinnatum* (Vain.) Malme = *Rhizocarpon badioatrum*

Rhizocarpon badioatrum var. *vulgare* (Körb.) Th. Fr. = *Rhizocarpon badioatrum*

Rhizocarpon calcareum (Ach.) Anzi = *Rhizocarpon umbilicatum*

Rhizocarpon chionophilum Th. Fr. = *Rhizocarpon alpicola*

Rhizocarpon chionophyllum f. *decoloratum* (Vain.) Vain. = *Rhizocarpon alpicola*

Rhizocarpon concentricum auct. = *Rhizocarpon petraeum*

Rhizocarpon concentricum f. *subconcentricum* (Fr.) Vain. = *Rhizocarpon petraeum*

Rhizocarpon concentricum var. *excentricum* (Ach.) P. Syd. = *Rhizocarpon petraeum*

Rhizocarpon concretum (Ach.) Zahlbr. = *Rhizocarpon geminatum*

Rhizocarpon concretum f. *geminatum* (Körb.) Vain. = *Rhizocarpon geminatum*

Rhizocarpon concretum f. *montagnei* (Flot. ex Körb.) Vain. = *Rhizocarpon disporum*

Rhizocarpon disporum var. *montagnei* (Flot. ex Körb.) Zahlbr. = *Rhizocarpon disporum*

Rhizocarpon excentricum (Ach.) Arnold = *Rhizocarpon petraeum*

Rhizocarpon geographicum f. *atrovirens* (L.) A. Massal. = *Rhizocarpon geographicum* s. lat.

Rhizocarpon geographicum f. *contiguum* (Schaer.) A. Massal. = *Rhizocarpon tinei*

Rhizocarpon geographicum f. *flavopallescens* (Lamy) Boistel = *Rhizocarpon geographicum* s. lat.

Rhizocarpon geographicum var. *atrovirens* (L.) Körb. = *Rhizocarpon geographicum* s. lat.

Rhizocarpon geographicum var. *geronticum* (Ach.) Räsänen = *Rhizocarpon alpicola*

Rhizocarpon geographicum var. *lecanorinum* Körb. = *Rhizocarpon lecanorinum*

Rhizocarpon koerberi (Stein) Bachm. = *Rhizocarpon hochstetteri*

Rhizocarpon lindsayanum Räsänen subsp. *lindsayanum* = *Rhizocarpon geographicum* subsp. *lindsayanum*

Rhizocarpon montagnei Flot. ex Körb. = *Rhizocarpon disporum*

Rhizocarpon obscuratum auct., non (Ach.) A. Massal. = *Rhizocarpon reductum*

Rhizocarpon obscuratum f. *lavatum* (Ach.) Th. Fr. = *Rhizocarpon lavatum*

Rhizocarpon oreites (Vain.) Zahlbr. = *Rhizocarpon alpicola*

Rhizocarpon petraeum f. *cinereum* (Flot. ex Körb.) Zahlbr. = *Rhizocarpon petraeum*

Rhizocarpon petraeum var. *subconcentricum* (Fr.) Körb. = *Rhizocarpon petraeum*

Rhizocarpon sublucidum Räsänen = *Rhizocarpon saanaense*

Rhizocarpon tinei subsp. *vulgare* Runemark = *Rhizocarpon geographicum* s. lat.

Rhizoplaca peltata (DC.) Leuckert & Poelt = *Protoparmeliopsis peltata*

Rimularia insularis (Nyl.) Rambold & Hertel = *Lambiella insularis*

Rinodina bischoffii var. *immersa* Körb. = *Rinodina immersa*

Rinodina bischoffii var. *protuberans* Körb. = *Rinodina bischoffii*

Rinodina corticola (Arnold) Arnold = *Rinodina capensis*

Rinodina crustulata (A. Massal.) Arnold = *Rinodinella controversa*

- Rinodina demissa* auct. = *Rinodina oleae*
Rinodina discolor (Hepp) Arnold = *Rinodina oxydata*
Rinodina discolor var. *candida* (Schaer.) Arnold = *Rinodina oxydata*
Rinodina gennarii Bagl. = *Rinodina oleae*
Rinodina mougeotiioides (Nyl.) Mong. = *Dimelaena oreina*
Rinodina nimbose (Fr.) Th. Fr. = *Phaeorrhiza nimbose*
Rinodina ocellata (Hoffm.) Arnold, non (Flörke ex Flot.) Branth & Rostr. = *Rinodina lecanorina*
Rinodina orbata (Ach.) Vain. = *Rinodina turfacea*
Rinodina oreina (Ach.) A. Massal. = *Dimelaena oreina*
Rinodina oreina var. *mougeotiioides* (Nyl.) Zahlbr. = *Dimelaena oreina*
Rinodina salina Degel. = *Rinodina oleae*
Rinodina subconfragosa (Nyl.) Flagey = *Rinodina milvina*
Rinodina subexigua (Nyl.) H. Olivier = *Rinodina oleae*
Rinodina subglaucescens (Nyl.) Sheard = *Rinodina beccariana* (see Excluded taxa)
Roccella fucoides (Neck.) Vain. = *Roccella phycopsis*

Sagedia carpinea (Pers.) A. Massal. = *Pseudosagedia aenea*
Sarcogyne cyclocarpa (Anzi) J. Steiner = *Polysporina cyclocarpa*
Sarcogyne privigna auct., non (Ach.) A. Massal. = *Sarcogyne hypophaea*
Sarcogyne pruinosa auct. = *Sarcogyne regularis*
Sarcogyne pruinosa f. *illuta* (Ach.) Stein = *Sarcogyne regularis*
Sarcogyne pruinosa f. *macroloma* Flörke ex Körb. = *Sarcogyne regularis*
Sarcogyne pruinosa var. *intermedia* (Körb.) H. Magn. = *Sarcogyne regularis*
Sarcogyne pruinosa var. *macroloma* (Flörke ex Körb.) H. Magn. = *Sarcogyne regularis*
Sarcogyne simplex ('Davies') Nyl. = *Acarospora privigna*
Sarcogyne subfuscescens (Nyl.) Boistel = *Polysporina subfuscescens*

Schismatomma decolorans (Erichsen) Clauzade & Vězda = *Dendrographa decolorans*

Scoliciosporum turgidum Körb. = *Scoliciosporum umbrinum*

Sphyridium byssoides (L.) Beltr. = *Baeomyces rufus*
Sphyridium byssoides f. *rupestre* (Pers.) Rabenh. = *Baeomyces rufus*

Sporastatia cinerea (Schaer.) Körb. = *Sporastatia polyspora*
Sporastatia morio auct., non (Duby) Körb. = *Sporastatia testudinea*

Squamaria carbonatica Gyeln. = *Lobothallia radiosa*
Squamaria melanophthalma DC. = *Rhizoplaca melanophthalma*
Squamaria muralis (Schreb.) Elenkin = *Protoparmeliopsis muralis*
Squamaria peltata DC. = *Protoparmeliopsis peltata*
Squamaria silicea f. *bulgarica* Gyeln. = *Lobothallia radiosa*

- Squamarina crassa* (Huds.) Poelt = *Squamarina cartilaginea*
Squamarina fragilis (Zahlbr.) Clauzade & Rondon (nom. illeg.) = *Squamarina gypsacea*
Squamarina gypsacea var. *subcetrarioides* (Zahlbr.) Pišút = *Squamarina gypsacea*
- Staurothele catalepta* auct. p.p., non (Ach.) Blomb. & Forssell = *Staurothele frustulenta*
Staurothele catalepta f. *spadicea* Mig. = *Staurothele frustulenta*
Staurothele clopima auct. p.p., non (Wahlenb.) Th. Fr. = *Staurothele areolata*
Staurothele lithina sensu Zahlbruckner = *Staurothele fissa*
- Stereocaulon evolutoides* (H. Magn.) Frey = *Stereocaulon saxatile*
Stereocaulon microscopicum (Vill.) Frey = *Leprocaulon quisquiliare*
Stereocaulon nanum (Ach.) Ach. = *Leprocaulon quisquiliare*
Stereocaulon quisquiliare (Leers) Hoffm. = *Leprocaulon quisquiliare*
- Sticta amplissima* (Scop.) Rabenh. = *Ricasolia amplissima*
Sticta pulmonacea (Ach.) Ach. = *Lobaria pulmonaria*
Sticta pulmonacea var. *hypomela* Delise = *Lobaria pulmonaria*
Sticta pulmonacea var. *papillaris* Delise = *Lobaria pulmonaria*
Sticta scrobiculata (Scop.) Ach. = *Lobarina scrobiculata*
- Strigula affinis* (A. Massal.) R.C. Harris = *Swinscowia affinis*
Strigula stigmatella (Ach.) R.C. Harris = *Swinscowia stigmatella*
- Synalissa symphorea* auct., non (Ach.) Nyl. = *Synalissa ramulosa*
- Synechoblastus flaccidus* (Ach.) Körb. = *Collema flaccidum*
Synechoblastus laureri Sw. ex Körb. = *Lathagrium undulatum* var. *undulatum*
- Teloschistes contortuplicatus* (Ach.) Clauzade & Rondon = *Seiophora contortuplicata*
- Tephromela armeniaca* (DC.) Hertel & Rambold = *Calvitimela armeniaca*
- Thalloidima coeruleonigricans* auct., non (Lightf.) Poetsch (as ‘*Thalloidima caeruleonigricans*’)
= *Thalloidima sedifolium*
- Thalloidima coeruleonigricans* f. *opuntioides* (Vill.) Vain. = *Thalloidima opuntioides*
Thalloidima coeruleonigricans var. *subcandidum* Vain. = *Thalloidima sedifolium*
Thalloidima mammillare (Gouan) A. Massal. = *Porpidinia tumidula*
Thalloidima mesenteriforme Arnold = *Porpidinia tumidula*
Thalloidima tabacinum auct. = *Toninia tristis* subsp. *tristis*
Thalloidima vesiculare (Hoffm) A. Massal. = *Thalloidima sedifolium*
- Thamnolia subuliformis* (Ehrh.) W.L. Culb. = *Thamnolia vermicularis* var. *subuliformis*
- Thelidium acrotellum* auct. bulg. = *Thelidium minutulum*
Thelidium amylaceum auct., non A. Massal. = *Thelidium decipiens*
- Thyrea nummularia* (Durieu & Mont.) Zahlbr. = *Anema nummularium*

Thyrea pulvinata auct., non (Schaer.) A. Massal. = *Thyrea confusa*

Toninia affinis Vězda = *Toniniopsis aromatica*

Toninia albilabra (Dufour) H. Olivier = *Thalloidima albilabrum*

Toninia aromatica (Sm.) A. Massal. = *Toniniopsis aromatica*

Toninia athallina (Hepp) Timdal = *Kiliasia athallina*

Toninia candida (Weber) Th. Fr. = *Thalloidima candidum*

Toninia caeruleonigricans auct., non (Lightf.) Th. Fr. (as '*Toninia caeruleonigricans*') =
Thalloidima sedifolium

Toninia conglomerata (Ach.) Boistel = *Psorinia conglomerata*

Toninia cretzoii B. de Lesd. = *Lecania nylanderiana*

Toninia lobulata (Sommerf.) Lyngby = *Bilimbia lobulata*

Toninia opuntioides (Vill.) Timdal = *Thalloidima opuntioides*

Toninia rosulata (Anzi) H. Olivier = *Thalloidima rosulatum*

Toninia sedifolia (Scop.) Timdal = *Thalloidima sedifolium*

Toninia squarrosa (Ach.) Th. Fr. = *Toninia squalida*

Toninia syncomista (Flörke) Th. Fr. = *Bilimbia lobulata*

Toninia tabacina auct. = *Toninia tristis* subsp. *tristis*

Toninia taurica (Szatala) Oxner = *Thalloidima tauricum*

Toninia tumidula (Sm.) Zahlbr. = *Porpidinia tumidula*

Trapelia mooreana (Carroll) P. James = *Ainoa mooreana*

Tuckermannopsis chlorophylla (Willd.) Hale = *Nephromopsis chlorophylla*

Umbilicaria corrugata Hoffm. = *Umbilicaria nylanderiana*

Umbilicaria cylindrica f. *mesenteriformis* (Wulfen) Frey = *Umbilicaria cylindrica*

Umbilicaria cylindrica var. *denudata* (Turner & Borrer) Frey = *Umbilicaria cylindrica*

Umbilicaria cylindrica var. *fimbriata* (Ach.) Nyl. = *Umbilicaria cylindrica*

Umbilicaria depressa (Ach.) Duby = *Umbilicaria crustulosa*

Umbilicaria erosa (Weber) Ach. = *Umbilicaria torrefacta*

Umbilicaria murina (Ach.) DC. = *Umbilicaria grisea*

Umbilicaria pustulata (L.) Hoffm. = *Lasallia pustulata*

Umbilicaria reticulata (Schaer.) Nyl. = *Umbilicaria decussata*

Urceolaria ocellata DC. = *Xalocoa ocellata*

Urceolaria scruposa (Schreb.) Ach. = *Diploschistes scruposus*

Urceolaria scruposa var. *albissima* auct. = *Diploschistes diacapsis*

Urceolaria scruposa var. *arenaria* Schaer. = *Diploschistes muscorum*

Urceolaria scruposa var. *bryophila* Ach. = *Diploschistes muscorum*

Usnea alpina Motyka = *Usnea barbata*

Usnea arnoldii Motyka = *Usnea perplexans*

Usnea barbata var. *dasopoga* (Ach.) Ach. = *Usnea dasopoga*

Usnea barbata var. *florida* (L.) Fr. = *Usnea florida*

- Usnea barbata* var. *hirta* (L.) Fr. = *Usnea hirta*
Usnea barbata var. *plicata* (L.) Fr. = *Usnea barbata*
Usnea capillaris Motyka = *Usnea dasopoga*
Usnea carpatica Motyka = *Usnea intermedia*
Usnea catenulata Motyka = *Usnea barbata*
Usnea caucasica Vain. = *Usnea barbata*
Usnea cavernosa subsp. *arnoldiana* (Zahlbr.) Motyka = *Usnea cavernosa*
Usnea cavernosa var. *sibirica* (Räsänen) Cretz. = *Usnea cavernosa*
Usnea cembricola Motyka = *Usnea barbata*
Usnea comosa (Ach.) Röhl. = *Usnea subfloridana*
Usnea comosa var. *scabriuscula* Motyka = *Usnea subfloridana*
Usnea dasopoga subsp. *bicolor* Motyka = *Usnea dasopoga*
Usnea dasopoga subsp. *melanopoga* Motyka = *Usnea dasopoga*
Usnea dasopoga subsp. *stramineola* Motyka = *Usnea dasopoga*
Usnea dasopoga subsp. *tuberculata* Motyka = *Usnea dasopoga*
Usnea dasopoga var. *flaccida* (Stein) Motyka = *Usnea dasopoga*
Usnea dasopoga var. *grisea* Motyka = *Usnea dasopoga*
Usnea dasopoga var. *major* Motyka = *Usnea dasopoga*
Usnea dasopoga var. *spuria* Motyka = *Usnea dasopoga*
Usnea diplotypus Vain. = *Usnea dasopoga*
Usnea distincta Motyka = *Usnea glabrescens*
Usnea esthonica Räsänen = *Usnea barbata*
Usnea extensa Vain. = *Usnea glabrescens*
Usnea faginea Motyka = *Usnea intermedia*
Usnea filipendula Stirt. = *Usnea dasopoga*
Usnea flagellata Motyka = *Usnea dasopoga*
Usnea florida subsp. *arbuscula* Motyka = *Usnea florida*
Usnea foveata Vain. = *Usnea hirta*
Usnea freyi Motyka = *Usnea barbata*
Usnea fulvoreaegens (Räsänen) Räsänen = *Usnea glabrescens* var. *fulvoreaegens*
Usnea glauca Motyka = *Usnea intermedia*
Usnea hirta subsp. *comiformis* (Motyka ex Räsänen) Motyka = *Usnea hirta*
Usnea hirta subsp. *helvetica* Motyka = *Usnea hirta*
Usnea lapponica Vain. = *Usnea perplexans*
Usnea leiopoga Motyka = *Usnea intermedia*
Usnea maxima Motyka = *Usnea barbata*
Usnea meylanii Motyka = *Usnea dasopoga*
Usnea microcarpa Arnold (nom. illeg.) = *Usnea cavernosa*
Usnea montana Motyka = *Usnea intermedia*
Usnea muricata Motyka = *Usnea dasopoga*
Usnea neglecta Motyka = *Usnea intermedia*
Usnea pendulina Motyka = *Usnea barbata*
Usnea plicata (L.) F.H. Wigg. = *Usnea barbata*

Usnea protea Motyka = *Usnea intermedia*
Usnea rigida Motyka (nom. illeg.), non Vain. = *Usnea intermedia*
Usnea scabrata Nyl. = *Usnea barbata*
Usnea scrobiculata Motyka = *Usnea barbata*
Usnea smaragdina Motyka = *Usnea intermedia*
Usnea sorediifera sensu Motyka, non (Arnold) Lyngby = *Usnea substerilis*
Usnea sorediifera var. *substerilis* (Motyka) Keissl. = *Usnea substerilis*
Usnea sublaxa Vain. = *Usnea dasopoga*
Usnea substerilis var. *barbulata* Motyka = *Usnea substerilis*
Usnea substerilis var. *luteoviridis* Motyka = *Usnea substerilis*
Usnea substerilis var. *rilensis* Motyka = *Usnea substerilis*
Usnea substerilis var. *virgula* Motyka = *Usnea substerilis*
Usnea tortuosa De Not. = *Usnea barbata*

Verrucaria acrotella f. *hypothallina* Vain. = *Verrucaria acrotella*
Verrucaria acrotella f. *subathallina* Vain. = *Verrucaria acrotella*
Verrucaria amylacea Hepp (nom. illeg.), non Ach. = *Verrucaria eusebii*
Verrucaria bosniaca var. *cretzoiuana* Servit = *Bagliettoa baldensis*
Verrucaria calciseda DC. = *Bagliettoa calciseda*
Verrucaria chlorotica Ach. = *Pseudosagedia chlorotica*
Verrucaria cyanea A. Massal. = *Parabagliettoa cyanea*
Verrucaria decussata Garov. = *Parabagliettoa cyanea*
Verrucaria dufourii DC. = *Parabagliettoa dufourii*
Verrucaria dufourii var. *applanata* B. de Lesd. = *Parabagliettoa dufourii*
Verrucaria dufourii var. *macularis* Schaer. = *Parabagliettoa dufourii*
Verrucaria elaeomelaena f. *silicicola* Zschacke = *Verrucaria funckii*
Verrucaria fuscella (Turner) Winch = *Placopyrenium fuscillum*
Verrucaria glaucina auct., non Ach. = *Placopyrenium fuscillum*
Verrucaria gyeelnikii Servit = *Bagliettoa parmigera*
Verrucaria hydrela auct., non Ach. = *Verrucaria hydrophila*
Verrucaria interrupta (Anzi ex Arnold) J. Steiner = *Bagliettoa calciseda*
Verrucaria laevata Ach. = *Verrucaria aethiobola*
Verrucaria lecideoides (A. Massal.) Trevis = *Verruculopsis lecideoides* var. *lecideoides*
Verrucaria lecideoides var. *cretzoiui* Servit = *Verruculopsis lecideoides*
Verrucaria margacea var. *viridulata* Zschacke = *Verrucaria margacea*
Verrucaria marmorea (Scop.) Arnold = *Bagliettoa marmorea*
Verrucaria marmorea var. *purpurascens* A. Massal. = *Bagliettoa marmorea*
Verrucaria marmorea var. *rosea* (A. Massal.) Zahlbr. = *Bagliettoa marmorea*
Verrucaria minuta (A. Massal.) Zschacke = *Verruculopsis lecideoides* var. *minuta*
Verrucaria muralis f. *ferruginosa* Nyl. = *Verrucaria muralis*
Verrucaria nigrescens var. *controversa* (A. Massal.) Trevis. = *Verrucaria nigrescens*
Verrucaria nigrescens var. *fuscoatra* (Stein) Zahlbr. = *Verrucaria nigrescens*

- Verrucaria parmigera* J. Steiner = *Bagliettoa parmigerella*
Verrucaria parmigerella Zahlbr. = *Bagliettoa parmigerella*
Verrucaria plumbea Ach. = *Verrucaria coerulea*
Verrucaria pontica Erichsen (nom. illeg.) = *Verrucaria dobrogensis*
Verrucaria purpurascens Hoffm. = *Bagliettoa marmorea*
Verrucaria purpurascens var. *hoffmannii* Körb. = *Bagliettoa marmorea*
Verrucaria sphaerospora f. *umbrina* Servít = *Verrucaria sphaerospora*
Verrucaria subfuscella Nyl. = *Verrucaria polysticta*
Verrucaria submersa Schaer. (nom. illeg.), non Borrer = *Verrucaria submersella*
Verrucaria virens Nyl. (nom. illeg.), non Wallr. = *Verrucaria glaucovirens*
- Xanthoparmelia somloensis* (Gyeln.) Hale = *Xanthoparmelia stenophylla*
- Xanthoria aureola* auct., non (Ach.) Erichsen = *Xanthoria calcicola*
Xanthoria candelaria (L.) Th. Fr. = *Polycauliona candelaria*
Xanthoria candelaria f. *fulva* (Hoffm.) Zahlbr. = *Xanthomendoza fulva*
Xanthoria concolor (Dicks.) Th. Fr. = *Candelaria concolor*
Xanthoria contortuplicata (Ach.) Boistel = *Seiophora contortuplicata*
Xanthoria elegans (Link) Th. Fr. subsp. *elegans* = *Rusavskia elegans* subsp. *elegans*
Xanthoria elegans var. *caespitosa* (Müll. Arg.) Poelt = *Seiophora contortuplicata*
Xanthoria fallax Arnold = *Xanthomendoza fallax*
Xanthoria fulva (Hoffm.) Poelt & Petut. = *Xanthomendoza fulva*
Xanthoria isidioidea (Beltram.) Szatala = *Xanthoria mediterranea*
Xanthoria lychnea (Ach.) Th. Fr. = *Polycauliona candelaria*
Xanthoria lychnea var. *polycarpa* (Hoffm.) Th. Fr. = *Polycauliona polycarpa*
Xanthoria lychnea var. *pygmaea* (Bory) Th. Fr. = *Polycauliona candelaria*
Xanthoria papillifera (Vain.) Poelt = *Rusavskia papillifera*
Xanthoria parietina f. *chlorina* H. Olivier = *Xanthoria parietina*
Xanthoria parietina f. *cinerascens* (Leight.) Berg = *Xanthoria parietina*
Xanthoria parietina f. *microphyllina* (Arnold) Arnold = *Xanthoria parietina*
Xanthoria parietina f. *phlogina* (Ach.) Mig. = *Polycauliona phlogina*
Xanthoria parietina f. *virescens* (Nyl.) Hillmann = *Xanthoria parietina*
Xanthoria parietina var. *adpressa* Mereschk. = *Xanthoria parietina*
Xanthoria parietina var. *aureola* auct., non (Ach.) Th. Fr. = *Xanthoria calcicola*
Xanthoria parietina var. *ectanea* (Ach.) Kickx = *Xanthoria parietina*
Xanthoria parietina var. *imbricata* (A. Massal.) Müll. Arg. = *Xanthoria parietina*
Xanthoria parietina var. *polycarpa* (Hoffm.) Nyl. = *Polycauliona polycarpa*
Xanthoria parietina var. *vulgaris* (Schaer.) Stein = *Xanthoria parietina*
Xanthoria polycarpa (Hoffm.) Rieber = *Polycauliona polycarpa*
Xanthoria sorediata (Vain.) Poelt (nom. inval.) = *Rusavskia sorediata*
Xanthoria substellaris (Ach.) Vain. = *Xanthomendoza fallax*
- Xylographa abietina* (Pers.) Zahlbr. = *Xylographa parallela*

Xylographa abietina var. *pallens* (Nyl.) Zahlbr. = *Xylographa pallens*
Xylographa abietina var. *parallela* (Ach.) Redinger = *Xylographa parallela*
Xylographa minutula Körb. = *Xylographa parallela*
Xylographa rufa (Pers.) Flagey = *Agyrium rufum*
Xylographa spilomatica (Anzi) Th. Fr. = *Xylographa vitiligo*

Lichenicolous fungi

Celidium grumosum Körb. = *Arthonia varians*
Celidium varians (Davies) Arnold = *Arthonia varians*
Cyphelium stigonellum (Ach.) Ach. = *Sphinctrina turbinata*
Microthelia marmorata (Kremp.) Hepp = *Polycoccum marmoratum*
Microthelia propinqua Körb. = *Endococcus propinquus*
Sphinctrina gelasinata (With.) Zahlbr. = *Sphinctrina turbinata*
Tichothecium microcarpum Arnold = *Muellerella lichenicola*
Tichothecium perpusillum (Nyl.) Arnold = *Endococcus perpusillus*

Non-lichenized fungi

Arthopyrenia atomaria (Ach.) Müll. Arg. = *Leptorbaphis atomaria*
Arthopyrenia punctiformis var. *atomaria* (Ach.) Anzi = *Leptorbaphis atomaria*
Calicium compressulum (Nyl. ex Vain.) Ozenda & Clauzade = *Phaeocalicium compressulum*
Calicium subtile Pers. = *Mycocalicium subtile*
Campylacia epidermidis (Ach.) Vain. = *Leptorbaphis epidermidis*
Didymella atomaria (Ach.) Szatala = *Leptorbaphis atomaria*
Didymosphaeria micula Körb. ex Vain. (nom. illeg.) = *Peridiothelia fuliguncta*
Mycocalicium compressulum (Nyl. ex Vain.) Szatala = *Phaeocalicium compressulum*
Mycocalicium subtile (Pers.) Szatala var. *minutellum* (Ach.) Szatala = *Mycocalicium subtile*

Excluded and doubtful taxa

Alectoria prolixa (Ach.) Nyl. [8, 15] (Popnikolov & Zhelezova 1964) – nom. conf.
Collema rhodopense Szatala [17] (Szatala 1930; Popnikolov & Zhelezova 1964) = *Nostoc parmelioides* Kütz. (*Cyanobacteria*)
Dermatocarpon cretzoiui (Servít) Servít (*Verrucaria lecideoides* var. *cretzoiui* Servít) [1] (Servít & Cretzoiu 1937; Servít 1946) – a taxon with uncertain taxonomic status
Lecanora cadubriae (A. Massal.) Hedl. – not correctly reported for Bulgaria. A record of *Biatora obscurella* from the Pirin Mts (published by Popnikolov 1932) was referred by Mayrhofer et al. (2005) as '*Lecanora cadubriae*' instead *Lecanora phaeostigma*.

Lecanora circumborealis Brodo & Vitik. [10, 15, 17] (Szatala 1930; Popnikolov 1937b; Popnikolov & Zhelezova 1964). This species is only known from northern Europe and not present on the Balkan Peninsula (Malíček, pers. comm.). The records are in need of revision.

Lecanora subfallax Motyka [14] (Motyka 1996) – nom. inval.

Opegrapha conferta Anzi [1]. The report of this species from Bulgaria (Vězda 1978a) is based on a misidentified specimen (Vězda, Lich. sel. exs., no. 1505) and refers to *Arthonia calcarea* (rev. L. Källsten, UPS).

Placidiopsis dermatocarpoides Anzi [5]. The report of this species from Bulgaria (Szatala 1929) is based on a misidentified specimen and refers to *Placopyrenium tatrense* (s. Mayrhofer et al. 2005).

Rinodina beccariana Bagl. [1]. The report of this species from Bulgaria (Vězda 1975b; Lich. sel. exs., no. 1365, as '*R. subglaucescens* (Nyl.) Sheard') is based on a misidentified specimen and refers to *Rinodina confragosa* according to Mayrhofer & Poelt (1979) and Mayrhofer (1984).

Rinodina laevigata (Ach.) Malme [15, 17] (Szatala 1930) – a species only known from northern Europe and North America.

Verrucaria foveolata (Flörke) A. Massal. [1, 4, 8]. Reported by Mayrhofer et al. (2005) instead *Verrucaria dolomitica* and *V. veronensis*.

Verrucaria latebrosa Körb. [15]. The report of this species from Bulgaria (Shivarov 2019) refers to *Verrucaria anziana* according to Shivarov et al. (2021: 146).

Verrucaria maura Wahlenb. ex Ach. [1]. All records of this species from Bulgaria (Szatala 1929; Zhelezova 1963; Popnikolov & Zhelezova 1964; Krzewicka et al. 2007) refer to *Hydropunctaria adriatica*.

Conclusion

The current knowledge of the Bulgarian lichen biota comprises 1137 taxa (1115 species, 5 subspecies, and 17 varieties) of lichenized fungi and 46 species of lichenicolous fungi, as well as 28 non-lichenized fungi traditionally included in lichenological literature.

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