

Catalogue of the lichenized and lichenicolous fungi in Bulgaria

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Abstract. The catalogue of lichenized and lichenicolous fungi of Bulgaria is based mainly on a comprehensive compilation of published data. The lichen mycota as currently known includes 910 taxa (893 species with 6 subspecies, 10 varieties, and 1 forma) of lichenized fungi, 9 species of lichenicolous fungi, and 14 non-lichenized fungi traditionally included in lichenological literature. An index of synonyms based on literature records from Bulgaria is appended. It includes 1625 infrageneric epithets. Eighteen species are reported for Bulgaria for the first time: *Adelolecia kolaensis*, *Anaptychia runcinata*, *Arthonia calcicola*, *Bacidina chlorotricula*, *Chaenotheca subroscida*, *Cladonia klementii*, *Lecanora saligna*, *Lecidea swartzioidea*, *Lepraria rigidula*, *Lopadium pezizoideum*, *Nephroma bellum*, *Opographa subelevata*, *Phaeophyscia endophoenicea*, *Phlyctis argena*, *Placopyrenium tatrense*, *Rinodina mniaraea*, *R. obnascens*, and *Tuckermanopsis chlorophylla*.

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

Introduction

This catalogue lists published records on lichenized and lichenicolous fungi from 216 references and some unpublished data from public collections in Sofia, from the university herbaria in Graz (GZU) and Uppsala (UPS), and from the private herbarium of Mark Seaward (Bradford, UK). The bibliography includes fungistic papers as well as taxonomic treatments that cite specimens from Bulgaria. This paper is a further contribution to a general lichen biodiversity inventory of the Mediterranean region within the project of the 'OPTIMA Commission for Lichens' (Nimis 1996).

A brief history of lichenological investigations in Bulgaria

The knowledge of the diversity of lichenized fungi in Bulgaria begins in July 1900 when a first *Lichen flora of Bulgaria* was

published by Kazandzhiev (1900). This is not only the first contribution to lichenology in Bulgaria, but also the starting-point for Bulgarian mycology, together with a paper by Bubák (1900) dealing with some phytoparasitic fungi.

Sava Kazandzhiev (1877-1901) graduated at Sofia University as an excellent student. He started his research activity as the first assistant-in-ordinary in botany at Sofia University, he was an assistant of the first Bulgarian professor in botany, Stefan Georgiev. Between 1897 and 1899, he collected lichenized fungi from numerous localities, mainly in the West and Central Balkan Mts, Mt Vratsa, Mt Vitosha, Mt Chepan, Mt Golo Bardo, the Rila Mts, and the West Rhodopi Mts. His first contribution comprised 109 species (Kazandzhiev 1900). Unfortunately he suffered from tuberculosis and passed away in 1901. His second paper included another 40 new taxa for Bulgaria (Kazandzhiev 1906). It was published posthumously by S. Petkov.

The second Bulgarian lichenologist was **Atanas Popnikolov** [A. pop Nikolov] (1883-196?). He graduated in natural history at Sofia University in 1914. He was an assistant at

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Sofia University from 1923 until 1943. He published six contributions on lichenized fungi from Bulgaria (Popnikolov 1928, 1931, 1932, 1935, 1937a, b) and one from Greece (Popnikolov 1955). He reported 358 species from various regions. The specimens were mainly collected in Mt Vitosha, Mt Vratsa, the Balkan Mts, the Pirin Mts, Mt Belasitsa, and Mt Slavyanka. His most important paper was *The lichen flora of Mt Vitosha* with 186 species (Popnikolov 1931). Popnikolov submitted a further manuscript entitled *Lichen flora of Bulgaria* in 1942. It was accepted for publication, but it could not be printed due to World War II.

The third important Bulgarian lichenologist was **Bozhana Zhelezova** (1906-2002). She graduated in natural history at Sofia University in 1931. From 1932 to 1949 she worked as a teacher in biology for secondary schools in Provadia and Shoumen. Between 1949 and 1961 she was employed as a biologist at the Institute of Botany, Bulgarian Academy of Sciences. Zhelezova published seven papers on lichenized fungi. She recorded more than 140 taxa new for Bulgaria (Zhelezova 1956b, 1960, 1962, 1963). The first and only monograph of a genus in Bulgaria is on *Usnea* (Motyka & Zhelezova 1962). Finally, Zhelezova re-edited the unpublished manuscript of Popnikolov, included all the new information and published the *Lichen flora of Bulgaria* (Popnikolov & Zhelezova 1964) with 636 accepted species.

Mainly because of the specific combination of geology, nature, and climate, Bulgaria attracted several Central European lichenologists. **Podpěra** (1911) published 79 taxa, including 21 species new for Bulgaria. **Suza** visited Mt Vitosha, Mt Chepan, the Rila Mts, and the Central Rhodopi Mts in 1923. He reported 258 species (Suza 1929). **Szatala** spent his holidays in Bulgaria in 1929 and provided the largest contributions. He recorded 263 taxa from the Black Sea coast, the Forebalkan, the Balkan Mts, and Mt Lyulin (Szatala 1929), as well as 277 species and 232 infraspecific taxa from the Rila Mts and the Rhodopi Mts (Szatala 1930). During the Romanian occupation of South Dobroudzha (1913-1940), Romanian lichenologists collected in Bulgarian Dobroudzha and published many taxa, including several new ones for science, mainly from the Black Sea coast between Kranevo and Dourankoulak (**Cretzoiu** 1933, 1935, 1936a, b, c, 1937a, b, 1938a, b, c, 1939, 1940a, b, c, 1942; Servít & Cretzoiu 1936, 1937). **Kloss** (1962) contributed with 110 taxa. **Antonín Vězda** (Brno) and **Ivan Pišút** (Bratislava) visited Bulgaria several times. Their favourite collecting sites were the Black Sea coast and high mountains, especially the Pirin and Rila Mts. Vězda distributed specimens in his famous *Lichenes selecti exsiccati* (Vězda 1967a, b, 1968a, b, 1969a, b, c, 1971a, b, 1973, 1975a, b, 1977, 1978a, b, c, 1979a, b, 1982, 1983). Pišút contributed three floristic papers on Bulgarian lichenized fungi (Pišút 1967a, 1969, 2001) and reported species in other publications (Pišút 1967b, 1970, 1971, 1986, 1995), altogether 249 taxa including many new records for the country.

Herbarium specimens of Podpěra, Suza, Szatala, Cretzoiu, Vězda, and Pišút were used in several monographic treatments

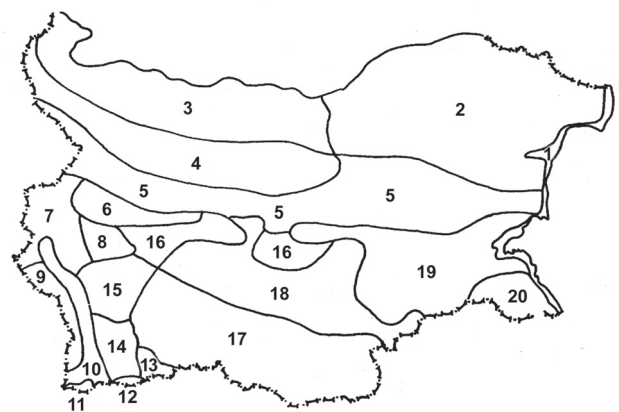
dealing with different groups of lichenized fungi. Literature records of these authors were often cited in other papers focusing on different lichenological problems.

There has been a serious gap in lichen studies by Bulgarian mycologists over the last four decades. After the activity of Zhelezova, only very few papers on the distribution of lichenized fungi in Bulgaria were published (e.g., Ivanov 1990, 1998; Radanova 2002). Other contributions dealt with the use of lichenized fungi as bioindicators for air pollution (Filipova 1963; Ivanov & Ivanova 1995; Ivanov 1997; Yurukova *et al.* 1997; etc.). It is hoped that the present catalogue will stimulate further lichenological investigations 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. The following numbers are used throughout for the floristic regions (Fig. 1):

- (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.



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

The citations are provided in chronological order, followed by the herbarium acronyms where specimens are kept. The specimens collected by Bulgarian authors are preserved mainly in the Mycological Collection of the Institute of Botany, Bulgarian Academy of Sciences (SOMF). Some specimens of Kazandzhiev and Popnikolov are kept in the Herbarium of St. Kliment Ohridski Sofia University (SO), whereas some of the specimens of Zhelezova are in the National Museum of Natural History, Sofia (Natl Hist Mus – no official acronym). In addition, the following abbreviations of herbaria or collections are used in the checklist: BRA – Slovak National Museum, Bratislava, Slovakia; GZU – Institute for Plant Sciences, Karl-Franzens-University of Graz, Austria; H – University of Helsinki, Finland; Seaward – Herbarium Mark Seaward, Bradford, UK; STU – Staatliches Museum für Naturkunde, Stuttgart, Germany; UPS – Herbarium of Uppsala University, Sweden.

Except for changes based on most recent references, the nomenclature follows Santesson *et al.* (2004). For taxa not occurring in Fennoscandia, Nimis & Martellos (2003) or Hafellner & Türk (2001) are followed, whilst for the genus *Usnea*, Clerc (2004) is applied. The authors are abbreviated according to Kirk *et al.* (2004). Taxonomic judgements on unexamined specimens were avoided. A thesaurus of synonyms, including a huge number of infraspecific epithets, is listed separately, with references to the names used in the main lists.

Lichenized fungi

- Acarospora atrata* Hue [14] (Kloss 1962)
- Acarospora badiofusca* (Nyl.) Th. Fr. [5, 8] (Szatala 1929; Popnikolov 1931; Popnikolov & Zhelezova 1964) [SO]
- Acarospora bulgarica* H. Magn. & Szatala [17] (Szatala 1930; Magnusson 1935-1936; Popnikolov & Zhelezova 1964; Vodenicharov *et al.* 1993) [SO]
- Acarospora cervina* A. Massal. var. *cervina* [7, 8, 14] (Popnikolov 1931; Popnikolov & Zhelezova 1964) [SO, SOMF]
- Acarospora cervina* var. *larvata* (Müll. Arg.) J. Steiner [7] (Suza 1929)
- Acarospora fuscata* (Schrud.) Th. Fr. [5, 8, 14, 15, 17] (Suza 1929; Szatala 1929, 1930; Popnikolov & Zhelezova 1964) [SOMF]
- Acarospora gallica* H. Magn. [17] (Suza 1929; Magnusson 1935-1936)
- Acarospora glaucocarpa* (Ach.) Körb. [4, 5, 7, 10, 12, 14, 17] (Kazandzhiev 1900; Suza 1929; Popnikolov 1935, 1937a, b; Popnikolov & Zhelezova 1964; Radanova 2002) [SO, SOMF]
- Acarospora heppii* (Nägeli) Körb. [17] (Szatala 1930; Cretzoiu 1936; Magnusson 1935-1936; Popnikolov & Zhelezova 1964)
- Acarospora hospitans* H. Magn. [17] (Szatala 1930)
- Acarospora macrospora* (Hepp) Bagl. [4] (Popnikolov 1935, 1937a; Popnikolov & Zhelezova 1964) [SO]
- Acarospora nitrophila* H. Magn. [15, 17] (Suza 1929; Szatala 1930; Cretzoiu 1936; Magnusson 1935-1936; 1937)
- Acarospora sinopica* (Wahlenb.) Körb. [15] (Suza 1929; Popnikolov & Zhelezova 1964)
- Acarospora smaragdula* (Wahlenb.) A. Massal. subsp. *smaragdula* [8] (Popnikolov 1931; Popnikolov & Zhelezova 1964) [SO]
- Acarospora smaragdula* subsp. *lesdainii* (A.L. Sm.) Clauzade & Cl. Roux [8] (Suza 1929; Magnusson 1935-1936; Popnikolov & Zhelezova 1964)
- Acarospora sulphurata* (Arnold) Arnold [14] (Pišút 1967a)
- Acarospora veronensis* A. Massal. [1, 4, 5, 6, 15, 17, 18] (Suza 1929; Szatala 1930; Filipova 1963; Popnikolov & Zhelezova 1964)
- Acrocordia conoidea* (Fr.) Körb. [7] (Kazandzhiev 1906; Popnikolov & Zhelezova 1964)
- Acrocordia gemmata* (Ach.) A. Massal. [1, 5, 14] (Szatala 1929; Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 1969, 2001) [Natl Hist Mus]
- Adelolecia kolaensis* (Nyl.) Hertel & Rambold [15] [GZU]
Note: A new record for Bulgaria – Regio Vitoschae: Mons Vitoscha, supra refugium turisticum Kumata, alt. 1700 m, 26 Sep 1978, leg. S. Huneck (as *Lecidea kolaensis*).
- Ainoa mooreana* (Carroll) Lumbsch & J.A. Schmitt [14] (Pišút 2001)
- Alectoria ochroleuca* (Hoffm.) A. Massal. [5, 15, 17] (Kazandzhiev 1900; Podpěra 1911; Suza 1929; Gyelnik 1932; Köfarago-Gyelnik 1935; Zhelezova 1956b, 1960, 1962; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SO, SOMF]
- Alectoria sarmentosa* (Ach.) Ach. [14, 15, 17] (Szatala 1930; Ahlner 1948; Zhelezova 1956b; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SO]
- Alectoria subprolixa* (Nyl.) Motyka [15] (Motyka 1958; Popnikolov & Zhelezova 1964)
- Allantoparmelia alpicola* (Th. Fr.) Essl. [5, 8, 15] (Kazandzhiev 1900; Suza 1929; Popnikolov & Zhelezova 1964) [SO]
- Amandinea punctata* (Hoffm.) Coppins & Scheid. [1, 2, 4, 5, 6, 8, 17] (Popnikolov 1928, 1931; Szatala 1929, 1930; Filipova 1963; Popnikolov & Zhelezova 1964; Ivanov & Ivanova 1995; Ivanov 1998; Ivanov & Kovachev 2001) [SO]

- Anaptychia ciliaris* (L.) Körb. [1, 2, 4, 5, 6, 8, 10, 14, 15, 16, 17, 19, 20] (Kazandzhiev 1900; Podpěra 1911; Suza 1929; Szatala 1929, 1930; Popnikolov 1931; Cretzoiu 1936; Petkov 1939b; Nádvořník 1948; Kloss 1962; Lambrev *et al.* 1962; Zhelezova 1962, 1963; Popnikolov & Zhelezova 1964; Pišút 1969; Anchev *et al.* 1987; Yurukova *et al.* 1991; Litterski 1992: map; Ivanov & Kovachev 2001) [Nat Hist Mus, SOMF, UPS]
- Anaptychiacrinalis* (Schleich.) Vězda [11, 14, 15] (Kazandzhiev 1900; Podpěra 1911; Suza 1929; Popnikolov 1937b; Popnikolov & Zhelezova 1964) [Nat Hist Mus, SO]
- Anaptychia kaspica* Gyeln. [14] (Pišút 1967a, 2001)
- Anaptychia runcinata* (With.) J.R. Laundon [1] [GZU]
Note: A new record for Bulgaria – ad scopulum maritimum, ad Pontum Euxinum, distr. Burgas, in loco 'Kavatzite' dicto prope oppidum Sozopol, 26 Aug 1977, leg. A. Vězda (as *Anaptychia fusca*).
- Anema decipiens* (A. Massal.) Forssell [4, 17] (Szatala 1929, 1930; Popnikolov & Zhelezova 1964) [UPS]
- Anema nummularium* (Duf. ex Durieu & Mont.) Nyl. [17] (Szatala 1930; Popnikolov & Zhelezova 1964)
- Anisomeridium bifforme* (Borrer) R.C. Harris [8, 15] (Popnikolov & Zhelezova 1964)
- Arctoparmelia incurva* (Pers.) Hale [18] (Cretzoiu 1936a; Czeuczuga 1989)
- Arthonia calcicola* Nyl. [14] [SOMF]
Note: A new record for Bulgaria – ad saxa marmorea, Montes Pirin, inter cacumin. Vihren et Hvojnatı Vrah, alt. ca 2600 m, 13 Jul 1967, A. Vězda.
- Arthonia copromya* Anzi [15, 17] (Szatala 1930)
- Arthonia fusca* (A. Massal.) Hepp [1, 8, 17] (Szatala 1929, 1930; Popnikolov 1931; Popnikolov & Zhelezova 1964)
- Arthonia oligospora* Vězda [1] (Vězda 1973)
- Arthonia pruinata* (Pers.) A.L. Sm. [1, 17] (Szatala 1930; Popnikolov & Zhelezova 1964)
- Arthonia punctiformis* Ach. [1, 8, 17] (Szatala 1929, 1930; Popnikolov 1931; Almborn 1948; Popnikolov & Zhelezova 1964)
- Arthonia radiata* (Pers.) Ach. [8, 15, 17] (Suza 1929; Szatala 1930; Zhelezova 1956b; Popnikolov & Zhelezova 1964) [Nat Hist Mus]
- Arthopyrenia analepta* (Ach.) A. Massal. [8, 15, 20] (Szatala 1930; Popnikolov 1931; Popnikolov & Zhelezova 1964)
- Arthopyrenia cerasi* (Schrad.) A. Massal. [4, 17] (Szatala 1930; Popnikolov & Zhelezova 1964)
- Arthopyrenia cinereopruinosa* (Schaer.) A. Massal. [17] (Suza 1929; Popnikolov & Zhelezova 1964)
- Arthopyrenia rhyPontella* (Nyl.) Arnold [17] (Suza 1929)
- Arthopyrenia stenospora* Körb. [8, 15] (Popnikolov & Zhelezova 1964)
- Arthrorhaphis citrinella* (Ach.) Poelt [8, 11, 14, 15] (Podpěra 1911; Szatala 1930; Zhelezova 1960, 1963; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964) [Nat Hist Mus, SOMF]
- Arthrosporium populorum* A. Massal. [1] (Szatala 1929; Ivanov & Ivanova 1995)
- Aspicilia caesiocinerea* (Nyl. ex Malbr.) Arnold [8, 10, 14, 17] (Popnikolov 1931, 1937b; Magnusson 1939; Zhelezova 1956b; Popnikolov & Zhelezova 1964) [Nat Hist Mus, SO, SOMF]
- Aspicilia calcarea* (L.) Mudd [1, 2, 4, 5, 7, 8, 12, 14, 17, 19] (Suza 1929; Szatala 1929, 1930; Popnikolov 1931, 1937a, b; Cretzoiu 1935b; Zhelezova 1956b; Kloss 1962; Popnikolov & Zhelezova 1964) [Nat Hist Mus, SO, SOMF]
- Aspicilia candida* (Anzi) Hue [17] (Szatala 1930)
- Aspicilia cinerea* (L.) Körb. [1, 4, 5, 6, 8, 10, 15, 17, 18, 20] (Kazandzhiev 1900, 1906; Szatala 1929, 1930; Popnikolov 1931; Filipova 1963; Popnikolov & Zhelezova 1964; Vodenicharov *et al.* 1993; Radanova 2002) [Nat Hist Mus, SO, SOMF]
- Aspicilia contorta* (Hoffm.) Kremp., s. lat. [4, 5, 7, 8, 12, 17] (Kazandzhiev 1906; Szatala 1929, 1930; Popnikolov 1931, 1937a, b; Popnikolov & Zhelezova 1964) [Nat Hist Mus, SO]
- Aspicilia contorta* subsp. *hoffmanniana* Ekman & Fröberg [5] (Popnikolov & Zhelezova 1964)
- Aspicilia cupreoglaucula* de Lesd. [10] (Vězda 1971a)
- Aspicilia farinosa* (Flörke) Arnold [5, 8, 12, 17] (Suza 1929; Popnikolov & Zhelezova 1964) [Nat Hist Mus]
- Aspicilia gibbosa* (Ach.) Körb. [1, 4, 5, 6, 8, 10] (Szatala 1929; Popnikolov 1931, 1937a, b; Filipova 1963; Popnikolov & Zhelezova 1964) [SO]
- Aspicilia intermutans* (Nyl.) Arnold [10] (Popnikolov 1937b; Popnikolov & Zhelezova 1964)
- Aspicilia laevata* (Ach.) Arnold [5, 11, 15, 17] (Szatala 1929, 1930; Popnikolov 1937b; Popnikolov & Zhelezova 1964)
- Aspicilia laevatoides* (H. Magn.) Oxner [5] (Magnusson 1939)
- Aspicilia obscurata* (Fr.) Arnold [11] (Popnikolov 1937b; Popnikolov & Zhelezova 1964)
- Aspicilia olivicolor* (H. Magn.) Motyka [15] (Magnusson 1939; Motyka 1995) [UPS]
- Aspicilia viridescens* (A. Massal.) Hue [7] (Suza 1929)
- Aspilidea myrinii* (Fr.) Hafellner [8] (Popnikolov 1931; Popnikolov & Zhelezova 1964) [SO]
- Bacidia bagliettoana* (A. Massal. & De Not.) Jatta [1, 2, 5, 7, 14, 15, 17] (Szatala 1929, 1930; Kloss 1962; Zhelezova 1963; Popnikolov & Zhelezova 1964) [Nat Hist Mus, SOMF]

- Bacidia beckhausii* Körb. [15] (Szatala 1930; Popnikolov & Zhelezova 1964)
- Bacidia fuscoviridis* (Anzi) Lettau [17] (Szatala 1930)
- Bacidia laurocerasi* (Delise ex Duby) Zahlbr. [14] (Pišút 1969)
- Bacidia rosella* (Pers.) De Not. [1, 2, 5, 15, 19] (Suza 1929; Zhelezova 1956b; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF]
- Bacidia rubella* (Hoffm.) A. Massal. [1, 2, 14, 19] (Szatala 1929; Zhelezova 1963; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SO, SOMF]
- Bacidia subincompta* (Nyl.) Arnold [14] (Pišút 1969)
- Bacidina chlorotricula* (Nyl.) Vězda & Poelt [8] [Seaward]
Note: A new record for Bulgaria – Bistritsa near Sofia, ca 700 m, on Malus, 11 Jun 1985, M.R.D. Seaward (Seaward 105 112)
- Bacidina inundata* (Fr.) Vězda [17] (Szatala 1930; Popnikolov & Zhelezova 1964)
- Bacidina phacodes* (Körb.) Vězda [14] (Pišút 1969)
- Baeomyces carneus* Flörke [14] (Popnikolov & Zhelezova 1964) [SO]
- Baeomyces rufus* (Huds.) Rebent. [4, 5, 8, 14, 15, 17] (Kazandzhiev 1906; Szatala 1930; Popnikolov 1931; Zhelezova 1956b, 1960, 1963; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964) [Natl Hist Mus, Seaward, SOMF]
- Bagliettoa baldensis* (A. Massal.) Vězda [1, 2, 4, 5, 17] (Szatala 1929, 1930; Popnikolov 1937a; Cretzoiu 1939, 1940b; Zhelezova 1963; Popnikolov & Zhelezova 1964; Halda 2003) [SO]
- Bagliettoa limborioides* A. Massal. [3, 4, 5, 8, 12, 14, 17] (Szatala 1929, 1930; Popnikolov 1931, 1937a, b; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SO, SOMF]
- Bellemerea alpina* (Sommerf.) Clauzade & Cl. Roux [8, 15, 17] (Szatala 1930; Popnikolov 1931; Popnikolov & Zhelezova 1964) [SO]
- Bellemerea cinereorufescens* (Ach.) Clauzade & Cl. Roux [8, 11, 15] (Szatala 1930; Popnikolov 1931, 1937b; Popnikolov & Zhelezova 1964) [SO]
- Biatora vernalis* (L.) Fr. [8] (Kloss 1962)
- Bilimbia lobulata* (Sommerf.) Hafellner & Coppins [?10, 12, 14, 17] (Popnikolov 1928, 1937b; Szatala 1930; Popnikolov & Zhelezova 1964; Pišút 1969) [Natl Hist Mus, SO]
- Bilimbia sabuletorum* (Schreb.) Arnold [1, 4, 5, 7, 8, 10, 14, 17] (Zhelezova 1963; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF]
- Brodoa atrofusca* (Schaer.) Goward [14] (Pišút 1969)
- Brodoa intestiniformis* (Vill.) Goward [5, 8, 14, 15] (Kazandzhiev 1900; Podpěra 1911; Suza 1929; Szatala 1929, 1930; Popnikolov 1931; Zhelezova 1956b; Kloss 1962; Popnikolov & Zhelezova 1964; Pišút 1969, 1986) [GZU, Natl Hist Mus, SO, SOMF]
- Bryonora castanea* (Hepp) Poelt [14, 15] (Suza 1929; Pišút 1986)
- Bryoria bicolor* (Ehrh.) Brodo & D. Hawksw. [5, 15] (Suza 1929; Degelius 1935; Zhelezova 1956b; Popnikolov & Zhelezova 1964) [Natl Hist Mus]
- Bryoria capillaris* (Ach.) Brodo & D. Hawksw. [5, 8, 14, 15, 17] (Podpěra 1911; Szatala 1930; Köfarago-Gyelnik 1935; Zhelezova 1956b; Popnikolov & Zhelezova 1964) [Natl Hist Mus, Seaward, SO]
- Bryoria chalybeiformis* (L.) Brodo & D. Hawksw. [4, 5, 8, 14, 15, 17] (Suza 1929; Popnikolov 1931; Lambrev *et al.* 1962; Zhelezova 1962, 1963; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SO, SOMF]
- Bryoria fuscescens* (Gyeln.) Brodo & D. Hawksw. [6, 8, 11, 12, 14, 15, 17] (Kazandzhiev 1900; Podpěra 1911; Suza 1929; Szatala 1930; Popnikolov 1931, 1937b; Motyka 1958a; Kloss 1962; Lambrev *et al.* 1962; Bystrek 1963; Popnikolov & Zhelezova 1964) [GZU, Natl Hist Mus, SO, SOMF, UPS]
- Bryoria implexa* (Hoffm.) Brodo & D. Hawksw. [8, 15, 17] (Kazandzhiev 1900; Suza 1929; Szatala 1930; Popnikolov 1931; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SO, SOMF]
- Bryoria pellucida* (Motyka) Bystrek [5, 15] (Motyka 1958b; Popnikolov & Zhelezova 1964; Bystrek 1986; Vodenicharov *et al.* 1993)
- Bryoria sophiae* (Motyka) Bystrek [n] (Motyka 1958b)
- Bryoria subcana* (Nyl. ex Stizenb.) Brodo & D. Hawksw. [8, 15, 17] (Popnikolov 1931; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SO, SOMF]
- Buellia badia* (Fr.) A. Massal. [15] (Suza 1929; Popnikolov & Zhelezova 1964)
- Buellia disciformis* (Fr.) Mudd [8, 11, 14, 15, 17] (Popnikolov 1928, 1931; Suza 1929; Szatala 1930; Popnikolov & Zhelezova 1964) [SO]
- Buellia epigaea* (Pers.) Tuck. [1, 10] (Popnikolov 1935; Mattick 1940; Popnikolov & Zhelezova 1964; Poelt & Sulzer 1974) [SO]
- Buellia erubescens* Arnold [6, 14] (Vězda 1967a; Ivanov & Kovachev 2001; Pišút 2001)
- Buellia geophila* (Flörke ex Sommerf.) Lynge [8] (Popnikolov & Zhelezova 1964)
- Buellia insignis* (Nägeli ex Hepp) Körb. [8] (Kazandzhiev 1906; Popnikolov 1931) [SO]
- Buellia subdisciformis* (Leight.) Vain. [1] (Vězda 1978a; Scheidegger 1991: map, 1993) [GZU]
- Buellia vilis* Th. Fr. [17] (Szatala 1930; Popnikolov & Zhelezova 1964)

- Calicium abietinum* Pers. [17] (Szatala 1930; Popnikolov & Zhelezova 1964)
- Calicium glaucellum* Ach. [14] (Ivanov 1990)
- Calicium salicinum* Pers. [5, 17] (Szatala 1930; Popnikolov & Zhelezova 1964) [Natl Hist Mus]
- Calicium trabinellum* (Ach.) Ach. [17] (Szatala 1930; Popnikolov & Zhelezova 1964)
- Calicium viride* Pers. [15, 17] (Szatala 1930; Zhelezova 1956b, 1960; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964; Pišút 2001) [Natl Hist Mus, SOMF]
- Caloplaca alociza* (A. Massal.) Mig. [4, 7, 12, 17] (Suza 1929; Szatala 1930; Popnikolov 1937a, b; Popnikolov & Zhelezova 1964) [SO]
- Caloplaca ammiospila* (Wahlenb.) H. Olivier [5, 7, 8, 14, 15, 17] (Popnikolov 1931; Zhelezova 1956b, 1960, 1963; Popnikolov & Zhelezova 1964; Pišút 1986) [Natl Hist Mus, SO, SOMF]
- Caloplaca arenaria* (Pers.) Müll. Arg. [8, 17] (Szatala 1930; Magnusson 1944; Popnikolov & Zhelezova 1964; Vondrák 2005)
- Caloplaca aurantia* (Pers.) Hellb. [1, 4, 5, 7, 8, 10, 17] (Kazandzhiev 1900; Suza 1929; Szatala 1929, 1930; Popnikolov 1931, 1935, 1937a; Cretzoiu 1935b; Zhelezova 1956b; Kloss 1962; Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 1969; Vězda 1973) [Natl Hist Mus, SO, SOMF]
- Caloplaca biatorina* (A. Massal.) J. Steiner [1, 15] (Pišút 2001) [UPS]
- Caloplaca carphinea* (Fr.) Jatta [10] (Pišút 1967a)
- Caloplaca ceracea* J.R.Laundon [1] (Vondrák 2005)
- Caloplaca cerina* (Ehrh. ex Hedw.) Th. Fr., s. lat. [1, 2, 3, 5, 6, 8, 10, 12, 14, 15, 17, 18, 19] (Suza 1929; Szatala 1929, 1930; Popnikolov 1931, 1937b; Zhelezova 1956b, 1963; Popnikolov & Zhelezova 1964; Ivanov 1998; Ivanov & Kovachev 2001) [Natl Hist Mus, Seaward, SO, SOMF]
- Caloplaca chalybaea* (Fr.) Müll. Arg. [5, 7, 8, 14, 17] (Kazandzhiev 1900; Suza 1929; Szatala 1929, 1930; Popnikolov 1931; Popnikolov & Zhelezova 1964; Pišút 1969) [SO]
- Caloplaca chlorina* (Flot.) H. Olivier [14, 17] (Szatala 1930; Popnikolov & Zhelezova 1964; Vondrák 2005) [SOMF]
- Caloplaca cirrocbroa* (Ach.) Th. Fr. [4, 7, 8, 17] (Kazandzhiev 1900; Suza 1929; Szatala 1929, 1930; Popnikolov 1931, 1937a; Popnikolov & Zhelezova 1964) [SO, SOMF]
- Caloplaca citrina* (Hoffm.) Th. Fr. [8, 14] (Cretzoiu 1936a; Zhelezova 1956b; Popnikolov & Zhelezova 1964) [SOMF]
- Caloplaca coccinea* (Müll. Arg.) Poelt [14] (Vězda 1967a; Pišút 1969, 1986)
- Caloplaca coronata* (Kremp. ex Körb.) J. Steiner [4, 7, 20] (Suza 1929; Szatala 1929; Popnikolov & Zhelezova 1964) [SO, SOMF]
- Caloplaca crenularia* (With.) J.R. Laundon [4, 5, 10, 14, 17] (Kazandzhiev 1900; Szatala 1930; Magnusson 1944; Zhelezova 1956b; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SO, SOMF]
- Caloplaca decipiens* (Arnold) Blomb. & Forssell [1, 4, 6, 8, 17, 18] (Kazandzhiev 1900; Szatala 1930; Popnikolov 1931; Popnikolov 1937; Kloss 1962; Filipova 1963; Popnikolov & Zhelezova 1964) [SOMF]
- Caloplaca demissa* (Körb.) Arup & Grube [9, 10, 17] (Suza 1929; Szatala 1930; Popnikolov & Zhelezova 1964; Pišút 1967a, 1995)
- Caloplaca epithallina* Lynge [14] (Pišút 1986)
- Caloplaca erythrocarpa* (Pers.) Zwackh [7] (Suza 1929; Popnikolov & Zhelezova 1964)
- Caloplaca ferruginea* (Huds.) Th. Fr. [1, 2, 5, 6, 7, 8, 10, 14, 15, 17, 18] (Kazandzhiev 1900; Suza 1929; Szatala 1929, 1930; Cretzoiu 1936a; Magnusson 1944; Zhelezova 1956b, 1963; Filipova 1963; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SO, SOMF]
- Caloplaca flavescens* (Huds.) J.R. Laundon [14] (Pišút 1969)
- Caloplaca flavorubescens* (Huds.) J.R. Laundon [1, 4, 5, 6, 7, 8, 12] (Kazandzhiev 1900; Suza 1929; Szatala 1929; Popnikolov 1931, 1937a, b; Popnikolov & Zhelezova 1964; Ivanov & Kovachev 2001) [SO, SOMF]
- Caloplaca flavovirescens* (Wulfen) Dalla Torre & Sarnth. [15, 17, 20] (Suza 1929; Szatala 1930; Popnikolov & Zhelezova 1964) [Natl Hist Mus]
- Caloplaca granulosa* (Müll. Arg.) Jatta [4, 7] (Suza 1929; Szatala 1929; Popnikolov 1937a; Popnikolov & Zhelezova 1964) [SO]
- Caloplaca grimmiae* (Nyl.) H. Olivier [10, 15, 17] (Pišút 1967a, 1969; Poelt & Kalb 1985; Mayrhofer *et al.* 1992)
- Caloplaca gyalolechiooides* (Müll. Arg.) ined. [1, 2] (Kloss 1962) [SOMF]
- Caloplaca haematites* (St.-Amans) Zwackh [14, 17] (Suza 1929; Popnikolov & Zhelezova 1964; Pišút 1969, 2001)
- Caloplaca herbidella* (Hue) H. Magn. [1, 5, 14, 17] (Szatala 1929, 1930; Magnusson 1944; Popnikolov & Zhelezova 1964; Pišút 1969, 2001)
- Caloplaca holocarpa* (Hoffm. ex Ach.) A.E. Wade [1, 4, 6, 7, 8, 14, 15, 17] (Suza 1929; Szatala 1930; Popnikolov 1931; Cretzoiu 1935b; Kloss 1962; Popnikolov & Zhelezova 1964; Vězda 1969a; Ivanov & Kovachev 2001) [SO, SOMF]
- Caloplaca inconnexa* (Nyl.) Zahlbr. var. *nesodes* Poelt & Nimis [1] (Vondrák 2005)
- Caloplaca irrubescens* (Arnold) Zahlbr. [7] (Kazandzhiev 1900) [SO]
- Caloplaca lactea* (A. Massal.) Zahlbr. [1, 7, 14, 17] (Kazandzhiev 1900; Szatala 1930; Cretzoiu 1935b; Zhelezova 1956b; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SO, SOMF]
- Caloplaca livida* (Hepp) Jatta [17] (Magnusson 1944)
- Caloplaca lobulata* (Flörke) Hellb. [6, 17] (Szatala 1929, 1930; Popnikolov & Zhelezova 1964; Ivanov & Kovachev 2001)
- [*Caloplaca marina* (Wedd.) Du Rietz] [1] (Szatala 1929)

Note: The record of Szatala (1929: 97) from the Black Sea coast is based on a wrongly determined specimen of *C. cf. maritima* (rev. U. Arup, UPS).

- Caloplaca microthallina* (Wedd.) Zahlbr. [1] (Vězda 1975b; Vondrák 2005)
- Caloplaca necator* Clauzade & Poelt [1] (Vězda 1975b)
- Caloplaca oasis* (A. Massal.) Szat. [5, 14] (Szatala 1929; Zhelezova 1956b; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF]
- Caloplaca obliterans* (Nyl.) Blomb. & Forssell [17] Szatala (1930)
- Caloplaca obscurella* (J. Lahm ex Körb.) Th. Fr. [17] (Vondrák 2005)
- Caloplaca ochracea* (Schaer.) Flagey [4, 5, 7, 8, 14] (Kazandzhiev 1900; Petkov 1929; Suza 1929; Szatala 1929; Popnikolov 1931, 1937a; Zhelezova 1956b; Kloss 1962; Popnikolov & Zhelezova 1964) [SO]
- Caloplaca pellodella* (Nyl.) Hasse [9, 14] (Pišút 1971b, 2001)
- Caloplaca percrocata* (Arnold) J. Steiner [14] (Kloss 1962)
- Caloplaca rubelliana* (Ach.) Lojka [1, 9] (Pišút 1995) [GZU]
- Caloplaca sarcopisoides* (Körb.) Zahlbr. [14] (Pišút 1969)
- Caloplaca saxicola* (Hoffm.) Nordin [1, 2, 3, 4, 5, 6, 7, 8, 12, 14, 17] (Kazandzhiev 1900; Szatala 1929, 1930; Popnikolov 1931, 1937a, b; Petkov 1939a, 1943; Kloss 1962; Filipova 1963; Popnikolov & Zhelezova 1964) [SO, SOMF]
- Caloplaca saxifragarum* Poelt [14] (Pišút 1967a, 1969; Vězda 1967a) [Natl Hist Mus]
- Caloplaca scopularis* (Nyl.) Lettau [1] (Vězda 1975b) [GZU]
- Caloplaca scrobiculata* H. Magn. [14] (Pišút 1986)
- Caloplaca sinapisperma* (Lam. & DC.) Maheu & Gillet [5, 14] (Popnikolov 1928; Popnikolov & Zhelezova 1964) [SOMF]
- Caloplaca stillicidiorum* (Vahl) Lynge [4, 5, 7, 14, 15, 16, 17] (Szatala 1930; Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 1967; Vondrák 2005) [Natl Hist Mus, SOMF]
- Caloplaca teicholyta* (Ach.) J. Steiner [1] (Cretzoiu 1938c, 1940b) [GZU]
- Caloplaca thallincola* (Wedd.) Du Rietz [1] (Vězda 1975b; Vondrák 2005)
- Caloplaca variabilis* (Pers.) Müll. Arg. [1, 3, 4, 5, 7, 8, 12, 14, 17] (Kazandzhiev 1900; Suza 1929; Szatala 1929, 1930; Popnikolov 1931, 1937b; Cretzoiu 1935b, 1938b; Zhelezova 1956b; Kloss 1962; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SO]
- Caloplaca velana* (A. Massal.) Du Rietz [8, 12, 14, 17] (Szatala 1930; Popnikolov 1931, 1937b; Popnikolov & Zhelezova 1964) [SO]
- Caloplaca virescens* (Sm.) Coppins [17] (Vondrák 2005)
- Caloplaca viridirufa* (Ach.) Zahlbr. [1, 9, 14, 17] (Suza 1929; Szatala 1930; Popnikolov & Zhelezova 1964; Pišút 1969, 1995; Vondrák 2005) [Natl Hist Mus]
- Caloplaca vitellinaria* Szatala [14] (Pišút 1969)
- Caloplaca vitellinula* auct. [6, 8, 15, 17] (Szatala 1930; Popnikolov 1931; Cretzoiu 1936a; Filipova 1963; Popnikolov & Zhelezova 1964) [SO]
- Caloplaca xantholyta* (Nyl.) Jatta [2, 4, 5, 7, 14, 17] (Szatala 1930; Popnikolov 1937a; Zhelezova 1956b, 1960; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SO, SOMF]
- Calvitimela aglaea* (Sommerf.) Hafellner [8, 15] (Suza 1929; Popnikolov 1931; Popnikolov & Zhelezova 1964)
- Calvitimela armeniaca* (DC.) Hafellner [8, 14, 15] (Suza 1929; Popnikolov 1931; Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 1969, 2001; Huneck & Elix 1993) [GZU, Natl Hist Mus, SO]
- Candelaria concolor* (Dicks.) Stein [2, 4, 5, 6, 8, 15, 17] (Kazandzhiev 1900; Suza 1929; Szatala 1930; Popnikolov 1931; Zhelezova 1956b; Filipova 1963; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF]
- Candelariella aurella* (Hoffm.) Zahlbr. [1, 4, 6, 7, 14, 17] (Szatala 1929; Popnikolov 1931; Cretzoiu 1935b; Zhelezova 1956b; Filipova 1963; Popnikolov & Zhelezova 1964; Pišút 1969) [Natl Hist Mus, SOMF]
- Candelariella medians* (Nyl.) A.L. Sm. [1, 2, 4, 8, 10] (Popnikolov 1935, 1937a; Petkov 1939a, 1943; Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 1969; Poelt 1970: map) [SO, SOMF]
- Candelariella unilocularis* (Elenk.) Nimis [17] (Szatala 1930)
- Candelariella vitellina* (Hoffm.) Müll. Arg. [1, 2, 4, 5, 6, 8, 10, 11, 14, 15, 16, 17] (Kazandzhiev 1900; Suza 1929; Szatala 1929, 1930; Popnikolov 1931, 1937b; Lambrev *et al.* 1962; Filipova 1963; Popnikolov & Zhelezova 1964; Pišút 1967a, 1969; Ivanov & Ivanova 1995; Ivanov 1998; Ivanov & Kovachev 2001; Gärtner & Stoyneva 2003) [Natl Hist Mus; SO, SOMF]
- Candelariella xanthostigma* (Ach.) Lettau [1, 8, 14, 15, 17] (Szatala 1930; Popnikolov 1931; Zhelezova 1956b, 1963; Popnikolov & Zhelezova 1964; Pišút 1969) [SO]
- Carbonea atronivea* (Arnold) Hertel [8, 14] (Popnikolov 1931; Zhelezova 1960; Popnikolov & Zhelezova 1964; Hertel 1970c) [Natl Hist Mus, SO, SOMF]
- Carbonea distans* (Kremp.) Hafellner & Obermayer [8, 14, 15] (Suza 1929; Szatala 1930; Popnikolov 1931; Popnikolov & Zhelezova 1964; Hertel 1970b; Pišút 1986)
- Carbonea vorticosa* (Flörke) Hertel [14] (Kloss 1962)
- Catapyrenium cinereum* (Pers.) Körb. [4, 5, 8, 14, 15, 17] (Szatala 1930; Popnikolov 1931; Zhelezova 1956b, 1960, 1963; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964; Pišút 1967a, 1969, 2001; Breuß 1990) [Natl Hist Mus, SO, SOMF]
- Catapyrenium daedaleum* (Kremp.) Stein [8, 17] (Szatala 1930; Popnikolov & Zhelezova 1964; Breuß 1990)

- Catillaria chalybeia* (Borrer) A. Massal. [1] (Szatala 1929; Popnikolov & Zhelezova 1964; Kiliyas 1981)
- Catillaria erysiboides* (Nyl.) Th. Fr. [17] (Szatala 1930; Popnikolov & Zhelezova 1964)
- Catillaria lenticularis* (Ach.) Th. Fr. [4, 8] (Szatala 1929; Popnikolov 1935, 1937a; Popnikolov & Zhelezova 1964) [SO]
- Catillaria minuta* (A. Massal.) Lettau [12] (Popnikolov 1937b; Popnikolov & Zhelezova 1964) [SO]
- Cetraria aculeata* (Schreb.) Fr. [1, 5, 6, 8, 10, 11, 14, 15, 17] (Kazandzhiev 1900; Szatala 1929, 1930; Popnikolov 1931; Lambrev *et al.* 1962; Zhelezova 1962; Popnikolov & Zhelezova 1964; Kärnefelt 1986) [Nat Hist Mus, SO, SOMF]
- Cetraria ericetorum* Opiz [5, 8, 14, 15, 17] (Kazandzhiev 1900; Podpěra 1911; Szatala 1930; Cretzoiu 1936a; Popnikolov & Zhelezova 1964) [Nat Hist Mus]
- Cetraria islandica* (L.) Ach. [5, 8, 9, 12, 14, 15, 17] (Kazandzhiev 1900; Podpěra 1911; Suza 1929; Szatala 1930; Cretzoiu 1936a; Popnikolov 1937b; Petkov 1939b; Zhelezova 1956b, 1962; Kloss 1962; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964; Pišút 1969; Yurukova *et al.* 1997) [GZU, Nat Hist Mus, Seaward, SOMF]
- Cetraria muricata* (Ach.) Eckfeldt [8, 14, 15, 17] (Podpěra 1911; Suza 1929; Szatala 1930; Popnikolov 1931; Popnikolov & Zhelezova 1964; Kärnefelt 1986; Pišút 2001) [UPS]
- Cetraria sepincola* (Ehrh.) Ach. [8, 11, 14, 15, 17] (Szatala 1930; Cretzoiu 1936a; Zhelezova 1956b, 1960, 1962, 1963; Popnikolov & Zhelezova 1964) [Nat Hist Mus, SOMF]
- Cetrelia cetrarioides* (Delise ex Duby) W.L. Culb. & C.F. Culb. [4, 5, 6, 8, 15, 20] (Suza 1929; Zhelezova 1956b, 1960, 1963; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964) [Nat Hist Mus, SOMF]
- Cetrelia olivetorum* (Nyl.) W.L. Culb. & C.F. Culb. [5, 8] (Szatala 1929; Gyelnik 1934; Zhelezova 1960; Popnikolov & Zhelezova 1964) [Nat Hist Mus]
- Chaenotheca chrysocephala* (Turner ex Ach.) Th. Fr. [8, 14, 15, 17] (Zhelezova 1960, 1963; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964; Litterski 1992: map) [Nat Hist Mus, SOMF]
- Chaenotheca furfuracea* (L.) Tibell [2, 5, 8, 11, 14, 15, 17, 20] (Popnikolov 1928; Szatala 1930; Zhelezova 1956b, 1960, 1963; Lambrev *et al.* 1962; Kloss 1962; Popnikolov & Zhelezova 1964) [Nat Hist Mus, SOMF]
- [*Chaenotheca hispidula* (Ach.) Zahlbr. [15] (Vězda 1968b)]
Note: This record by Vězda (Lich. sel. exs. no. 725) is based on a wrongly determined specimen of *Ch. subrosicida* (rev. L. Tibell, UPS).
- Chaenotheca subrosicida* (Eitner) Zahlbr. [15]
Note: A new record for Bulgaria (see *Ch. hispidula*).
- Chaenotheca trichialis* (Ach.) Th. Fr. [15, 17] (Suza 1929; Szatala 1930; Zhelezova 1956b; Popnikolov & Zhelezova 1964) [Nat Hist Mus, SOMF]
- Chromatochlamys muscorum* (Fr.) H. Mayrhofer & Poelt var. *muscorum* [1, 15] (Szatala 1929; Popnikolov & Zhelezova 1964; Vězda 1968a; Mayrhofer & Poelt 1985; Mayrhofer 1987: map)
- Chrysothrix candelaris* (L.) J.R. Laundon [1, 2, 5, 8, 11, 14, 15, 17] (Lambrev *et al.* 1962; Zhelezova 1962; Popnikolov & Zhelezova 1964) [Nat Hist Mus, SOMF]
- Chrysothrix chlorina* (Ach.) J.R. Laundon [4, 5] (Zhelezova 1963; Popnikolov & Zhelezova 1964) [Nat Hist Mus]
- Cladonia amaurocraea* (Flörke) Schaer. [15] (Suza 1929; Popnikolov & Zhelezova 1964; Litterski & Ahti 2004)
- Cladonia arbuscula* (Wallr.) Flot., s. lat. [5, 8, 14, 15, 17] (Kazandzhiev 1900; Podpěra 1911; Suza 1929; Szatala 1930; Zhelezova 1963; Popnikolov & Zhelezova 1964) [Nat Hist Mus, SOMF]
- Cladonia arbuscula* subsp. *arbuscula* [8] (Popnikolov 1931; Ahti 1961)
- Cladonia arbuscula* subsp. *mitis* (Sandst.) Ruoss [8, 14, 15, 16, 17] (Szatala 1930; Ahti 1961; Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 1969) [Nat Hist Mus, SOMF]
- Cladonia cariosa* (Ach.) Spreng. [14, 15, 17] (Suza 1929; Szatala 1930; Zhelezova 1956b, 1963; Popnikolov & Zhelezova 1964; Pišút 1967a, 1969) [Nat Hist Mus]
- Cladonia carneola* (Fr.) Fr. [8, 15] (Podpěra 1911; Suza 1929; Cretzoiu 1936a; Petkov 1939b; Popnikolov & Zhelezova 1964)
- Cladonia cenotea* (Ach.) Schaer. [7, 14, 15] (Suza 1929; Szatala 1930; Zhelezova 1956b, 1963; Popnikolov & Zhelezova 1964; Pišút 1969) [Nat Hist Mus]
- Cladonia chlorophaea* (Flörke ex Sommerf.) Spreng. [4, 5, 7, 8, 14, 15, 17] (Kazandzhiev 1900; Suza 1929; Szatala 1930; Cretzoiu 1936a; Popnikolov 1931, 1937a; Lambrev *et al.* 1962; Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 1969; Radanova 2002) [Nat Hist Mus, Seaward, SO, SOMF]
- Cladonia ciliata* Stirt. f. *flavicans* (Flörke) Ahti & DePriest [18] (Czeczuga 1989)
- Cladonia coccifera* (L.) Willd. [5, 8, 15] (Kazandzhiev 1900; Szatala 1929; Popnikolov 1931; Zhelezova 1963; Popnikolov & Zhelezova 1964) [Nat Hist Mus, SO, SOMF]
- Cladonia coniocraea* (Flörke) Spreng. [5, 8, 14, 15, 17] (Zhelezova 1963) [Nat Hist Mus, SO, SOMF]
- Cladonia convoluta* (Lam.) Anders [1, 5, 6, 7, 8, 10, 14, 15, 17, 18, 20] (Kazandzhiev 1900; Suza 1929; Szatala 1929; Popnikolov 1931; Cretzoiu 1933; Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 1967a, 1969; Litterski & Ahti 2004) [Nat Hist Mus, SO, SOMF]

- Cladonia cornuta* (L.) Hoffm. [8] (Cretzoiu 1936a; Popnikolov & Zhelezova 1964) [Natl Hist Mus]
- Cladonia crispata* (Ach.) Flot. [5, 8] (Cretzoiu 1936a; Zhelezova 1956b; Popnikolov & Zhelezova 1964) [Natl Hist Mus]
- Cladonia deformis* (L.) Hoffm. [8, 14, 15, 17] (Podpěra 1911; Suza 1929; Szatala 1930; Zhelezova 1956b, 1963; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF]
- Cladonia digitata* (L.) Hoffm. [8, 14, 15, 17] (Kazandzhiev 1900; Podpěra 1911; Szatala 1930; Popnikolov 1931; Zhelezova 1956b, 1963; Popnikolov & Zhelezova 1964; Litterski & Ahti 2004) [Natl Hist Mus, SO]
- Cladonia ecmocyna* Leight. [8, 14, 15] (Podpěra 1911; Suza 1929; Popnikolov & Zhelezova 1964; Pišút 1969, 1986)
- Cladonia fimbriata* (L.) Fr. [2, 4, 5, 6, 7, 8, 11, 14, 15, 17, 18] (Kazandzhiev 1900; Podpěra 1911; Szatala 1930; Cretzoiu 1936a; Popnikolov 1931, 1937b; Cretzoiu 1936a; Filipova 1963; Zhelezova 1963; Popnikolov & Zhelezova 1964; Czeczuga 1989) [Natl Hist Mus, SO, SOMF]
- Cladonia firma* (Nyl.) Nyl. [10] (Pišút 1967a)
- Cladonia floerkeana* (Fr.) Flörke [15] (Zhelezova 1963)
- Cladonia foliacea* (Huds.) Willd. [1, 5, 6, 8, 10, 11, 14, 18, 20] (Kazandzhiev 1900; Szatala 1929; Popnikolov 1937b; Lambrev *et al.* 1962; Zhelezova 1962; Popnikolov & Zhelezova 1964; Radanova 2002) [Natl Hist Mus, SO, SOMF]
- Cladonia furcata* (Huds.) Schrad. [1, 5, 4, 8, 14, 15, 16, 17, 18, 20] (Kazandzhiev 1900; Podpěra 1911; Suza 1929; Szatala 1929, 1930; Popnikolov 1931; Cretzoiu 1936a; Petkov 1943; Zhelezova 1956b, 1962, 1963; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964; Czeczuga 1989) [GZU, Natl Hist Mus, Seaward, SO, SOMF]
- Cladonia glauca* Flörke [15] (Podpěra 1911)
- Cladonia gracilis* (L.) Willd., s. lat. [8, 14, 15, 17] (Kazandzhiev 1900; Podpěra 1911; Szatala 1930; Popnikolov 1931; Zhelezova 1956b, 1963; Kloss 1962; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SO, SOMF]
- Cladonia gracilis* subsp. *elongata* (Wulfen) Vain. [8, 15] (Podpěra 1911; Suza 1929) [Natl Hist Mus, SOMF]
- Cladonia klementii* Oxner [1] [GZU]
Note: A new record for Bulgaria – ad Pontum Euxinum, distr. Burgas, ad terram arenaceam in litore, 21 Sep 1978, A. Vězda.
- Cladonia macilenta* Hoffm. [5, 8, 15, 17] (Suza 1929; Szatala 1930; Cretzoiu 1936a; Zhelezova 1960, 1963; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF]
- Cladonia macroceras* (Delise) Hav. [8, 15] (Popnikolov 1931) [GZU]
- Cladonia macrophyllodes* Nyl. [8, 14, 15] (Suza 1929; Szatala 1930; Popnikolov 1931; Zhelezova 1956b; Popnikolov & Zhelezova 1964; Pišút 1969)
- Cladonia ochrochlora* Flörke [8, 14, 15, 17] (Suza 1929; Szatala 1930; Zhelezova 1956b; Popnikolov & Zhelezova 1964) [Natl Hist Mus]
- Cladonia phyllophora* Hoffm. [8, 17] (Zhelezova 1963) [Natl Hist Mus]
- Cladonia pleurota* (Flörke) Schaer. [15] (Szatala 1930; Zhelezova 1956b; Popnikolov & Zhelezova 1964) [Natl Hist Mus]
- Cladonia pocillum* (Ach.) Grognot [5, 8, 14, 15, 17] (Podpěra 1911; Suza 1929; Szatala 1930; Popnikolov 1931; Cretzoiu 1936a; Petkov 1939b; Kloss 1962; Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 1969) [Natl Hist Mus, SO, SOMF]
- Cladonia polycarpoides* Nyl. [15] (Pišút 1969)
- Cladonia portentosa* (Dufour) Coem. [8] (Podpěra 1911)
- Cladonia pyxidata* (L.) Hoffm. [4, 5, 7, 8, 9, 12, 14, 15, 17] (Kazandzhiev 1900; Podpěra 1911; Petkov 1929, 1939b; Popnikolov 1931, 1937b; Kloss 1962; Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 1969) [Natl Hist Mus, SO, SOMF]
- Cladonia rangiferina* (L.) F.H. Wigg. [5, 8, 14, 15, 17] (Kazandzhiev 1900; Podpěra 1911; Suza 1929; Popnikolov 1931; Cretzoiu 1936a; Ahti 1961; Zhelezova 1963; Popnikolov & Zhelezova 1964; Anchev *et al.* 1987; Yurukova *et al.* 1991; Radanova 2002) [Natl Hist Mus, SOMF]
- Cladonia rangiformis* Hoffm. [1, 2, 5, 8, 10, 11, 14, 15, 16, 17, 20] (Kazandzhiev 1900; Szatala 1929, 1930; Popnikolov 1931, 1937b; Sandstede 1931; Cretzoiu 1936a; Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 1969; Litterski & Ahti 2004) [GZU, Natl Hist Mus, SO, SOMF]
- Cladonia squamosa* Hoffm. [8, 14, 15, 16, 17] (Popnikolov 1928; Szatala 1930; Zhelezova 1956b, 1963; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF]
- Cladonia stellaris* (Opiz) Pouzar & Vězda [5, 15] (Cretzoiu 1936a; Ahti 1961; Popnikolov & Zhelezova 1964; Yurukova *et al.* 1997; Litterski & Ahti 2004)
- Cladonia subrangiformis* Sandst. [14, 15] (Szatala 1930; Sandstede 1931; Popnikolov & Zhelezova 1964)
- Cladonia subulata* (L.) Weber ex F.H. Wigg. [4, 5, 7, 8, 14, 15, 16, 17] (Kazandzhiev 1900; Suza 1929; Szatala 1930; Popnikolov 1931; Cretzoiu 1936a; Zhelezova 1956b, 1963; Popnikolov & Zhelezova 1964; Pišút 1969) [Natl Hist Mus, SOMF]
- Cladonia sulphurina* (Michx.) Fr. [8, 14, 15] (Podpěra 1911; Pišút 1969)
- Cladonia symphyrcarpia* (Flörke) Fr. [17] (Suza 1929; Popnikolov & Zhelezova 1964)
- Cladonia uncialis* (L.) Weber ex F.H. Wigg. subsp. *uncialis* [5, 8, 14, 15, 18] (Kazandzhiev 1900; Podpěra 1911; Suza 1929; Zhelezova 1963; Popnikolov & Zhelezova 1964; Czeczuga 1989; Litterski & Ahti 2004) [Natl Hist Mus, SOMF]
- Cladonia uncialis* subsp. *biuncialis* (Hoffm.) M. Choisy [15] (Suza 1929; Popnikolov & Zhelezova 1964)
- Cladonia verticillata* (Hoffm.) Schaer. [5, 8, 14, 17] (Zhelezova 1956b, 1960, 1963; Popnikolov & Zhelezova 1964) [Natl Hist Mus]

- Clauzadea chondrodes* (A. Massal.) Clauzade & Cl. Roux [7] (Suza 1929; Popnikolov & Zhelezova 1964)
- Clauzadea immersa* (Hoffm.) Hafellner & Bellem. [4, 14] (Popnikolov 1937a; Kloss 1962; Popnikolov & Zhelezova 1964)
- Clauzadea monticola* (Schaer.) Hafellner & Bellem. [14] (Popnikolov 1932, 1935; Popnikolov & Zhelezova 1964)
- Cliostomum griffithii* (Sm.) Coppins [14] (Pišút 1995)
- Collema auriforme* (With.) Coppins & J.R. Laundon [17] (Szatala 1930; Degelius 1954; Popnikolov & Zhelezova 1964) [SO]
- Collema crispum* (Huds.) Weber ex F.H. Wigg. [4, 5, 14, 17] (Szatala 1929, 1930; Degelius 1954; Popnikolov & Zhelezova 1964; Pišút 1967a, 2001; Vězda 1975b)
- Collema cristatum* (L.) Weber ex F.H. Wigg. var. *cristatum* [4, 5, 7, 8, 12, 14, 17] (Kazandzhiev 1906; Szatala 1929, 1930; Popnikolov 1931, 1937a, b; Degelius 1954; Popnikolov & Zhelezova 1964) [Nat Hist Mus, SO]
- Collema cristatum* var. *marginale* (Huds.) Degel. [4, 8, 14, 17] (Kazandzhiev 1906; Petkov 1929; Suza 1929; Popnikolov 1931, 1937a; Degelius 1954; Popnikolov & Zhelezova 1964; Pišút 1967a, 1969) [SO, SOMF]
- Collema fasciculare* (L.) Weber ex F.H. Wigg. [5, 14] (Szatala 1929; Degelius 1954; Popnikolov & Zhelezova 1964; Pišút 1969)
- Collema flaccidum* (Ach.) Ach. [1, 4, 5, 7, 8, 14, 15, 17] (Kazandzhiev 1906; Podpěra 1911; Suza 1929; Szatala 1929, 1930; Popnikolov 1931; Degelius 1954; Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 1967a, 1969) [Nat Hist Mus, SO, SOMF]
- Collema fragrans* (Sm.) Ach. [1] (Zhelezova 1963) [Nat Hist Mus]
- Collema furfuraceum* (Arnold) Du Rietz [14, 17] (Degelius 1954; Pišút 1967a)
- Collema fuscovirens* (With.) J.R. Laundon [14] (Ivanov 1990)
- Collema ligerinum* (Hy) Harm. [14] (Pišút 1967a)
- Collema multipartitum* Sm. [14] (Zhelezova 1956b; Pišút 1967a)
- Collema multipunctatum* Degel. [5, 17] (Szatala 1929, 1930; Popnikolov & Zhelezova 1964)
- Collema nigrescens* (Huds.) DC. [2, 5, 11, 14, 15, 16, 17, 20] (Suza 1929; Szatala 1929; Degelius 1954; Zhelezova 1956b, 1963; Popnikolov & Zhelezova 1964; Pišút 1967a, 1968, 1969, 1986) [Nat Hist Mus, SOMF]
- Collema occultatum* Bagl. [14, 15, 17] (Suza 1929; Popnikolov & Zhelezova 1964; Pišút 1967a, 1968)
- Collema polycarpon* Hoffm. [2, 4, 8, 14, 17] (Szatala 1930; Popnikolov 1928, 1931; Degelius 1954; Popnikolov & Zhelezova 1964; Pišút 1969, 2001) [SO, SOMF]
- Collema ryssoleum* (Tuck.) A. Schneid. [1] (Pišút 1969; Vězda 1978c)
- Collema subflaccidum* Degel. [14] (Pišút 1967a)
- Collema subnigrescens* Degel. [14] (Pišút 1967a)
- Collema tenax* (Sw.) Ach. emend. Degel. var. *tenax* [1, 4, 12, 14, 17] (Szatala 1930; Popnikolov 1937b; Kloss 1962; Popnikolov & Zhelezova 1964; Pišút 1969) [Nat Hist Mus, SO, SOMF]
- Collema tenax* var. *corallinum* (A. Massal.) Degel. [5, 17] (Degelius 1954)
- Collema undulatum* Laurer ex Flot. var. *undulatum* [4, 14] (Ivanov 1990) [SO]
- Collema undulatum* var. *granulosum* Degel. [14] (Pišút 1969)
- Collemopsidium adriaticum* A. Zahlbr. var. *crassum* Cretz. [1] (Cretzoiu 1938b, c, 1940b)
- Cornicularia normoerica* (Gunnerus) Du Rietz [5, 8, 14, 15, 17] (Kazandzhiev 1900; Podpěra 1911; Suza 1929; Szatala 1929, 1930; Popnikolov 1931; Zhelezova 1956b; Popnikolov & Zhelezova 1964; Kärnefelt 1986; Pišút 2001) [GZU, Nat Hist Mus, SO, SOMF, UPS]
- Cresporhaphis macrospora* (Eitner) M.B. Aguirre [8] (Popnikolov 1931; Popnikolov & Zhelezova 1964)
- Cresporhaphis wienkampii* (J. Lahm ex Hazsl.) M.B. Aguirre [8, 12] (Popnikolov 1931, 1937b; Popnikolov & Zhelezova 1964)
- Cryptothele rhodosticta* (Taylor) Henssen [5] (Szatala 1929; Popnikolov & Zhelezova 1964)
- Cyphelium inquinans* (Sm.) Trevis. [17] (Szatala 1930; Popnikolov & Zhelezova 1964; Tibell 1971)
- Cyphelium sessile* (Pers.) Trevis. [10] (Popnikolov & Zhelezova 1964)
- Cyphelium tigillare* (Ach.) Ach. [14, 17] (Zhelezova 1956b; Popnikolov & Zhelezova 1964; Vodenicharov *et al.* 1993) [Nat Hist Mus, SOMF]
- Cystocoleus ebeneus* (Dillwyn) Thwaites [15, 17] (Zhelezova 1962, 1963; Popnikolov & Zhelezova 1964) [Nat Hist Mus]
- Dacampia hookeri* (Borrer) A. Massal. [14] (Pišút 2001)
- Dermatocarpon leptophylloides* (Nyl.) Zahlbr. [17] (Szatala 1930)
- Dermatocarpon luridum* (With.) J.R. Laundon [14, 15, 17] (Szatala 1930; Zhelezova 1956b; Vodenicharov 1962; Popnikolov & Zhelezova 1964; Pišút 2001) [Nat Hist Mus, SOMF]
- Dermatocarpon miniatum* (L.) W. Mann var. *miniatum* [1, 2, 3, 4, 5, 7, 8, 11, 12, 14, 15, 17, 18, 20] (Kazandzhiev 1900; Podpěra 1911; Suza 1929; Szatala 1929, 1930; Popnikolov 1931, 1937a, b; Cretzoiu 1942; Petkov 1943; Lambrev *et al.* 1962; Zhelezova 1963; Popnikolov &

- Zhelezova 1964; Pišút 1969; Czeczuga 1989) [Natl Hist Mus, SOMF]
- Dermatocarpon miniatum* var. *cirsodes* (Ach.) Zahlbr. [2, 3, 4, 5, 7, 8, 14, 15, 17, 20] (Szatala 1930; Popnikolov 1931; Cretzoiu 1936a; Zhelezova 1956b, 1963; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF]
- Dermatocarpon miniatum* var. *complicatum* (Lightf.) Th. Fr. [1, 4, 5, 7, 8, 10, 12, 14, 15, 16, 17] (Podpěra 1911; Suza 1929; Szatala 1929, 1930; Popnikolov 1931; Cretzoiu 1942; Zhelezova 1956b, 1960, 1963; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF]
- Dermatocarpon rivulorum* (Arnold) Dalla Torre & Sarnth. [14, 15] (Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 2001) [SOMF]
- Dibaeis baeomyces* (L. f.) Rambold & Hertel [4, 5, 15, 17] (Kazandzhiev 1906; Zhelezova 1960, 1962; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SO, SOMF]
- Dimelaena oreina* (Ach.) Norman [4, 5, 6, 8, 14, 15, 17, 18] (Kazandzhiev 1900; Suza 1929; Szatala 1929, 1930; Popnikolov 1931; Zhelezova 1956b; Filipova 1963; Popnikolov & Zhelezova 1964; Sheard 1977; Pišút 1986) [H, Natl Hist Mus, SO, SOMF]
- Dimerella pineti* (Ach.) Vězda [14] (Pišút 1969)
- Diploicia canescens* (Dicks.) A. Massal. [1] (Cretzoiu 1936a, b, 1938a, b, 1940b, c; Hafellner 1995) [GZU]
- Diploschistes actinostomus* (Ach.) Zahlbr. [1] (Kazandzhiev 1906; Popnikolov & Zhelezova 1964; Lumbsch 1989: map)
- Diploschistes candidissimus* (Kremp.) Zahlbr. [7] (Suza 1929; Popnikolov & Zhelezova 1964)
- Diploschistes diacapsis* (Ach.) Lumbsch [7, 8, 14, 20] (Popnikolov 1931; Zhelezova 1960; Popnikolov & Zhelezova 1964) [Natl Hist Mus]
- Diploschistes muscorum* (Scop.) R. Sant. [1, 4, 5, 7, 8, 10, 11, 14, 15, 16, 17, 20] (Kazandzhiev 1900; Suza 1929; Szatala 1929, 1930; Popnikolov 1931, 1937b; Zhelezova 1960, 1963; Kloss 1962; Popnikolov & Zhelezova 1964; Pišút 1969; Lumbsch 1989) [Natl Hist Mus, SOMF]
- Diploschistes ocellatus* (Vill.) Norman [1, 5, 7, 17, 20] (Kazandzhiev 1900; Zhelezova 1956b, 1960, 1963; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964; Lumbsch 1989) [Natl Hist Mus]
- Diploschistes scruposus* (Schreb.) Norman [1, 2, 4, 5, 8, 10, 11, 14, 15, 17, 19, 20] (Kazandzhiev 1900; Szatala 1930; Popnikolov 1931, 1937b; Lambrev *et al.* 1962; Zhelezova 1956b, 1963; Popnikolov & Zhelezova 1964; Pišút 1969; Lumbsch 1989) [Natl Hist Mus, SOMF]
- Diplotomma alboatrum* (Hoffm.) Flot. [1, 2, 4, 5, 6, 7, 8, 16, 17, 19] (Szatala 1929, 1930; Popnikolov 1931; Kloss 1962; Filipova 1963; Zhelezova 1963; Popnikolov & Zhelezova 1964; Vězda 1975b; Nordin 2000) [Natl Hist Mus, UPS]
- Diplotomma ambiguum* (Ach.) Flagey [17] (Szatala 1930)
Note: There are two records of Szatala (1929: 98, 1930: 101). At least the first one is based on a wrongly determined specimen of *D. alboatrum* (rev. A. Nordin, UPS) from the Black Sea coast. The occurrence of the species in Bulgaria needs confirmation.
- Diplotomma chlorophaeum* (Leight.) Szatala [4, 5] (Popnikolov 1935) [SO]
- Diplotomma epipolium* (Ach.) Arnold [4, 5, 7, 8, 10] (Kazandzhiev 1906; Szatala 1929; Popnikolov 1931, 1937a) [Natl Hist Mus, SO]
Note: The record of Szatala (1930: 101) from the Rhodopes is based on a misidentified specimen of *D. venustum* (rev. A. Nordin, UPS).
- Diplotomma pharcidium* (Ach.) M. Choisy [1] (Szatala 1929)
- Diplotomma venustum* Körb. [1, 4, 8, 17] (Szatala 1929, 1930; Popnikolov 1931; Servit & Cretzoiu 1936a; Popnikolov & Zhelezova 1964) [UPS]
Note: About the distribution in the Rhodopes see the remark after *D. epipolium*.
- Dirina massiliensis* Durieu & Mont. f. *sorediata* (Müll. Arg.) Tehler [1] (Zhelezova 1963; Popnikolov & Zhelezova 1964; Vězda 1978a; Huneck *et al.* 1982; Tehler 1983; Roux 1991: map) [GZU]
- Endocarpon adscendens* (Anzi) Müll. Arg. [8, 15, 17] (Szatala 1929, 1930; Popnikolov 1931; Popnikolov & Zhelezova 1964)
- Endocarpon adsurgens* Vain. [8] (Popnikolov 1931)
- Endocarpon pusillum* Hedw. [12, 17] (Szatala 1930; Popnikolov 1937b; Popnikolov & Zhelezova 1964)
- Eopyrenula leucoplaca* (Wallr.) R.C. Harris [5] (Kazandzhiev 1906; Popnikolov & Zhelezova 1964)
- Ephebe lanata* (L.) Vain. [5, 8] (Popnikolov 1931; Zhelezova 1963; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SO, SOMF]
- Evernia divaricata* (L.) Ach. [5, 8, 9, 14, 15, 16, 17] (Kazandzhiev 1900; Podpěra 1911; Suza 1929; Szatala 1930; Popnikolov 1931; Cretzoiu 1936a; Ahlner 1948; Zhelezova 1956b, 1963; Kloss 1962; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964; Pišút 1969; Ivanov 1997) [Natl Hist Mus, SO, SOMF]
- Evernia prunastri* (L.) Ach. [1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 14, 15, 16, 17, 18] (Kazandzhiev 1900; Podpěra 1911; Suza 1929; Szatala 1929, 1930; Popnikolov 1931, 1937a, b; Cretzoiu 1936a; Zhelezova 1956b, 1963; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964; Pišút 1969; Ivanov & Ivanova 1995; Ivanov & Kovachev 2001; Radanova 2002) [Natl Hist Mus, SO, SOMF]

- Farnoldia jurana* (Schaer.) Hertel [12, 14] (Popnikolov 1937b; Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 1969) [Natl Hist Mus, SO]
- Farnoldia micropsis* (A. Massal.) Hertel [8] (Popnikolov 1931; Popnikolov & Zhelezova 1964; Hertel 1970c) [SO]
- Flavocetraria cucullata* (Bellardi) Kärnefelt & Thell [5, 14, 15] (Kazandzhiev 1900; Podpěra 1911; Suza 1929; Zhelezova 1956b, 1962, 1963; Kloss 1962; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF]
- Flavocetraria nivalis* (L.) Kärnefelt & Thell [5, 14, 15, 17] (Kazandzhiev 1900; Podpěra 1911; Suza 1929; Zhelezova 1956b, 1960, 1962; Kloss 1962; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SO, SOMF]
- Flavoparmelia caperata* (L.) Hale [1, 2, 4, 5, 6, 8, 9, 10, 11, 15, 17, 18, 20] (Kazandzhiev 1900; Podpěra 1911; Petkov 1929; Suza 1929; Szatala 1929, 1930; Cretzoiu 1936a; Popnikolov 1931, 1937b; Lambrev *et al.* 1962; Filipova 1963; Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 1969) [Natl Hist Mus, SO, SOMF, UPS]
- Frutidella caesioatra* (Schaer.) Kalb [15] (Popnikolov 1928; Popnikolov & Zhelezova 1964) [SO]
- Fulgensia bracteata* (Hoffm.) Räsänen var. *bracteata* [8, 14] (Popnikolov 1931; Zhelezova 1960; Kloss 1962; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SO, SOMF]
- Fulgensia bracteata* var. *alpina* (Th. Fr.) Räsänen [14] (Vězda 1967b)
- Fulgensia fulgens* (Sw.) Elenk. [1, 2, 5, 7, 8, 12, 14, 17, 18] (Suza 1929; Zhelezova 1956b, 1960, 1963; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SO, SOMF]
- Fulgensia fulgida* (Nyl.) Szatala [17] (Szatala 1930; Popnikolov & Zhelezova 1964)
- Fulgensia schistidii* (Anzi) Poelt [14, 17] (Suza 1929, 1943; Popnikolov & Zhelezova 1964; Pišút 1967a) [SOMF]
- Fulgensia subbracteata* (Nyl.) Poelt [2] (Vězda 1971b)
- Fuscidea commixta* (H. Magn.) V. Wirth & Vězda [5, 15] (Kazandzhiev 1900, 1906)
- Fuscidea cyathoides* (Ach.) V. Wirth. & Vězda [n] (Oberhollenzer & Wirth 1984)
- Fuscidea kochiana* (Hepp) V. Wirth & Vězda [5, 15] (Suza 1929; Szatala 1929; Popnikolov & Zhelezova 1964)
- Fuscidea mollis* (Wahlenb.) V. Wirth & Vězda [17] (Szatala 1930; Popnikolov & Zhelezova 1964)
- Fuscopannaria leucophaea* (Vahl) P.M. Jørg. [4, 5, 8, 14, 15, 17] (Kazandzhiev 1906; Szatala 1930; Popnikolov 1931; Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 1967a) [Natl Hist Mus, SO, SOMF]
- Fuscopannaria praetermissa* (Nyl.) P.M. Jørg. [5, 15] (Szatala 1929, 1930; Köfaragó-Gyelnik 1940b; Popnikolov & Zhelezova 1964; Jørgensen 1978) [Natl Hist Mus]
- Graphis scripta* (L.) Ach. [1, 2, 4, 5, 8, 15, 17] (Suza 1929; Popnikolov 1931; Zhelezova 1956b, 1962, 1963; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SO, SOMF]
- Gyalecta derivata* (Nyl.) H. Olivier [14] (Pišút 1969)
- Gyalecta foveolaris* (Ach.) Schaer. [15] (Suza 1929; Popnikolov & Zhelezova 1964)
- Gyalecta jenensis* (Batsch) Zahlbr. [4, 10, 14, 17] (Suza 1929; Popnikolov 1937a; Popnikolov & Zhelezova 1964; Pišút 1969)
- Gyalecta leucaspis* (A. Massal.) Zahlbr. [17] (Suza 1929; Popnikolov & Zhelezova 1964)
- Gyalecta peziza* (Mont.) Anzi [14] (Pišút 1986)
- Gyalecta truncigena* (Ach.) Hepp [14] (Pišút 2001)
- Haematomma nemetzii* J. Steiner [1, 10] (Pišút 1967a, 1970, 1971a; Vězda 1968a, 1975b; Staiger & Kalb 1995)
- Haematomma ochroleucum* (Pers.) J.R. Laundon var. *ochroleucum* [1, 4, 5, 9, 10, 14, 15] (Popnikolov 1937b; Zhelezova 1963; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF]
- Haematomma ochroleucum* var. *porphyricum* (Pers.) J.R. Laundon [1, 4] (Szatala 1929; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF]
- Harpidium rutilans* (Flot.) Körb. [17] (Szatala 1930; Popnikolov & Zhelezova 1964)
- Heterodermia obscurata* (Nyl.) Trevis. [14] (Pišút 1969)
- Heterodermia speciosa* (Wulfen) Trevis. [5, 8, 10, 15, 16, 17] (Kazandzhiev 1900; Suza 1929; Szatala 1929, 1930; Nádvornik 1948; Zhelezova 1960; Popnikolov & Zhelezova 1964; Vodenicharov *et al.* 1993)
- Hypogymnia austerodes* (Nyl.) Räsänen [8, 14, 15, 17] (Suza 1929; Zhelezova 1956b, 1960; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF]
- Hypogymnia farinacea* Zopf [5, 8, 9, 14, 17] (Szatala 1930; Zhelezova 1956b, 1960, 1963; Popnikolov & Zhelezova 1964; Pišút 1969) [Natl Hist Mus, SOMF]
- Hypogymnia physodes* (L.) Nyl. [5, 6, 8, 14, 15, 16, 17, 18, 20] (Kazandzhiev 1900; Podpěra 1911; Suza 1929; Szatala 1930; Popnikolov 1931, 1937b; Gyelnik 1934; Cretzoiu 1936a; Zhelezova 1956b, 1962; Kloss 1962; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964; Pišút 1969; Czczuga 1989; Ivanov & Kovachev 2001) [Natl Hist Mus, SO, SOMF]
- Hypogymnia tubulosa* (Schaer.) Hav. [8, 14, 15, 17] (Suza 1929; Szatala 1930; Popnikolov 1931; Cretzoiu 1936a;

- Kloss 1962; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964; Pišút 1969; Ivanov 1997) [Natl Hist Mus, SOMF, UPS]
- Hypogymnia vittata* (Ach.) Parrique [14, 15] (Suza 1929; Popnikolov & Zhelezova 1964; Pišút 1969)
- Hypotrachyna revoluta* (Flörke) Hale [5, 8, 15, 17] (Kazandzhiev 1900; Popnikolov 1931; Popnikolov & Zhelezova 1964)
- Icnadophila ericetorum* (L.) Zahlbr. [15, 17] (Szatala 1930; Zhelezova 1956b, 1960, 1963; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964; Litterski 1992: map; Vodenicharov *et al.* 1993) [Natl Hist Mus, SO, SOMF]
- Immersaria cupreoatra* (Nyl.) Calatayud & Rambold [1, 5, 8, 15, 17] (Szatala 1929, 1930; Popnikolov 1931; Popnikolov & Zhelezova 1964; Vězda 1977)
- Imshaugia aleurites* (Ach.) S.L.F. Meyer [14, 15, 17] (Suza 1929; Szatala 1930; Zhelezova 1956b; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF]
- Ionaspis lacustris* (With.) Lutzoni [5, 14, 15] (Podpěra 1911; Szatala 1929; Popnikolov & Zhelezova 1964; Pišút 2001)
- Lasallia pustulata* (L.) Mérat [1, 4, 5, 8, 10, 15, 17] (Kazandzhiev 1900; Suza 1929; Szatala 1929, 1930; Popnikolov 1931; Lambrev *et al.* 1962; Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 1967) [Natl Hist Mus, SO, SOMF, UPS]
- Lecanactis dilleniana* (Ach.) Körb. [8] (Popnikolov 1932; Popnikolov & Zhelezova 1964)
- Lecania cyrtella* (Ach.) Th. Fr. [12] (Cretzoiu 1936a; Popnikolov & Zhelezova 1964)
- Lecania dubitans* (Nyl.) A.L. Sm. [15] (Szatala 1930; Popnikolov & Zhelezova 1964)
- Lecania erysibe* (Ach.) Mudd [4, 6, 14] (Szatala 1929; Filipova 1963; Popnikolov & Zhelezova 1964; Pišút 1969)
- Lecania hyalina* (Fr.) R. Sant. [14, 17] (Szatala 1930; Popnikolov & Zhelezova 1964) [SOMF]
- Lecania koerberiana* J. Lahm [1, 8, 13] (Szatala 1929; Popnikolov 1931; Popnikolov & Zhelezova 1964; Pišút 1969; Ivanov & Ivanova 1995)
- Lecania naegelii* (Hepp) Diederich & van den Boom [1, 8] (Kazandzhiev 1906; Popnikolov & Zhelezova 1964; Ivanov & Ivanova 1995)
- Lecania nylanderiana* A. Massal. [1, 2] (Popnikolov 1928; de Lesdain 1937; Cretzoiu 1938b, c, 1940b; Popnikolov & Zhelezova 1964; Vězda 1971b; Mayrhofer 1988; Timdal 1991; Vodenicharov *et al.* 1993) [GZU]
- Lecania spadicea* (Flot.) Zahlbr. [n] (Roux 1991: map)
- Lecanographa grumulosa* (Dufour) Egea & Torrente [1] (Vězda 1978a; Egea 1989: map) [GZU]
- Lecanora admontensis* Zahlbr. [14] (Pišút 1969; Poelt & Leuckert 1976: map)
- Lecanora agardhiana* Ach. [1, 12, 14] (Cretzoiu 1935b; Popnikolov 1937b; Popnikolov & Zhelezova 1964)
- Lecanora albella* (Pers.) Ach. [8, 11, 15, 17] (Suza 1929; Szatala 1930; Popnikolov 1931, 1937b; Popnikolov & Zhelezova 1964) [SO, SOMF]
- Lecanora albescens* (Hoffm.) Branth & Rostr. [1, 12, 14] (Szatala 1929; Cretzoiu 1935b; Popnikolov 1937b; Kloss 1962; Zhelezova 1963; Popnikolov & Zhelezova 1964) [SO]
- Lecanora allophana* Nyl. [1, 5, 8, 9, 11, 14, 15, 17] (Suza 1929; Szatala 1929, 1930; Popnikolov 1928; Zhelezova 1963; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF]
- Lecanora argentata* (Ach.) Malme [4, 5, 6, 8, 14, 15] (Kazandzhiev 1900; Petkov 1929; Popnikolov 1931; Cretzoiu 1936a; Filipova 1963; Popnikolov & Zhelezova 1964; Ivanov & Kovachev 2001) [Natl Hist Mus, SOMF]
- Lecanora argopholis* (Ach.) Ach. [1, 2, 8, 11, 14, 15, 17, 19] (Suza 1929; Popnikolov 1931, 1937b; Kloss 1962; Zhelezova 1962, 1963; Popnikolov & Zhelezova 1964; Pišút 1967a; Vänskä 1984) [Natl Hist Mus, SO]
- Lecanora bicincta* Ramond [14] (Pišút 1969)
- Lecanora bolcana* (Pollini) Poelt [14, 15, 17] (Poelt 1958; Pišút 1967a, 1969) [UPS]
- Lecanora bulgarica* Gyeln. [17] (Gyelnik 1933; Motyka 1996)
- Lecanora cadubriae* (A. Massal.) Hedl. [14] (Popnikolov 1932)
- Lecanora campestris* (Schaer.) Hue [1, 2, 8, 10, 14, 17] (Popnikolov 1928, 1937b; Szatala 1930; Zhelezova 1963; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF]
- Lecanora carbonatica* (Gyeln.) Gyeln. [5] (Gyelnik 1931)
- Lecanora carpinea* (L.) Vain. [1, 2, 5, 8, 9, 14, 15, 17, 20] (Kazandzhiev 1900; Suza 1929; Szatala 1929, 1930; Zhelezova 1956b, 1963; Popnikolov & Zhelezova 1964; Pišút 1986; Ivanov & Ivanova 1995; Ivanov 1998) [GZU, Natl Hist Mus, Seaward, SOMF, UPS]
- Lecanora cavarnensis* Cretz. [1] (Cretzoiu 1940c)
- Lecanora cenisia* Ach. [8, 14, 17] (Suza 1929; Szatala 1930; Popnikolov 1931; Cretzoiu 1936a; Zhelezova 1956b; Popnikolov & Zhelezova 1964) [Natl Hist Mus]
- Lecanora cerebellina* Poelt [17] (Poelt 1958; Poelt & Leuckert 1976; Mathey & Leuckert 1977)
- Lecanora chlarotera* Nyl. [14] (Pišút 2001)

- Lecanora circumborealis* Brodo & Vitik. [10, 15, 17] (Szatala 1930; Popnikolov 1937b; Popnikolov & Zhelezova 1964)
- Lecanora configurata* Nyl. [10] (Vězda 1969c)
- Lecanora crenulata* Hook. [4, 7, 12, 17] (Kazandzhiev 1900; Suza 1929; Popnikolov 1937b; Popnikolov & Zhelezova 1964)
- Lecanora dispersa* (Pers.) Sommerf. [1, 2, 4, 5, 7, 8, 9, 10, 12, 14, 17] (Kazandzhiev 1900; Suza 1929; Szatala 1929, 1930; Popnikolov 1937b; Zhelezova 1963; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SO, SOMF]
- Lecanora epanora* (Ach.) Ach. [5, 15] (Suza 1929; Szatala 1929; Popnikolov & Zhelezova 1964)
- Lecanora epibryon* (Ach.) Ach. [14] (Popnikolov 1928; Popnikolov & Zhelezova 1964) [SOMF]
- Lecanora flotowiana* Spreng. [5, 8, 14, 15, 17] (Kazandzhiev 1900; Szatala 1929, 1930; Popnikolov 1931; Popnikolov & Zhelezova 1964) [Natl Hist Mus]
- Lecanora frustulosa* (Dicks.) Ach. [5] (Kazandzhiev 1900)
- Lecanora garovaglii* (Körb.) Zahlbr. [10, 11, 17] (Suza 1929; Popnikolov 1937b; Popnikolov & Zhelezova 1964) [SO]
- Lecanora glabrata* (Ach.) Malme [5, 15, 17] (Suza 1929; Szatala 1929, 1930; Popnikolov & Zhelezova 1964)
- Lecanora expallens* Ach. [17] (Szatala 1930; Popnikolov & Zhelezova 1964)
- Lecanora hagenii* (Ach.) Ach. var. *hagenii* [4, 5, 6, 15, 17] (Szatala 1929, 1930; Popnikolov & Zhelezova 1964; Ivanov & Kovachev 2001) [UPS]
- [*Lecanora hagenii* var. *fallax* Hepp] [14] (Vězda 1969b)
- Note: The record of Vězda (op. cit.) refers to *Lecanora subfallax* Motyka.
- Lecanora horiza* (Ach.) Linds. [8] (Szatala 1929; Popnikolov 1931) [SOMF]
- Lecanora intricata* (Ach.) Ach. [8, 14, 15, 17] (Podpěra 1911; Suza 1929; Szatala 1930; Popnikolov 1931; Petkov 1939b; Zhelezova 1956b; Popnikolov & Zhelezova 1964) [Natl Hist Mus]
- Lecanora intumescens* (Rebent.) Rabenh. [2, 5, 6, 8, 14, 15, 17] (Suza 1929; Szatala 1929, 1930; Zhelezova 1956b, 1963; Popnikolov & Zhelezova 1964; Ivanov 1998; Ivanov & Kovachev 2001; Pišút 2001) [SOMF, UPS]
- Lecanora leptyroides* (Nyl.) Degel. [14] (Ivanov 1990)
- Lecanora marginata* (Schaer.) Hertel & Rambold [8, 14] (Popnikolov 1931; Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 1986)
- Lecanora mughicola* Nyl. [14, 15, 17] (Suza 1929; Szatala 1930; Zhelezova 1956b; Popnikolov & Zhelezova 1964) [Natl Hist Mus]
- Lecanora neobulgarica* Gyeln. [17] (Gyelnik 1933)
- Lecanora nigrimarica* Cretz. [1] (Servít & Cretzoiu 1936a)
- Lecanora olivascens* Nyl. [1] (Vězda 1975b)
- Lecanora phaeostigma* (Körb.) Almb. [17] (Szatala 1930; Popnikolov & Zhelezova 1964)
- Lecanora pirinensis* Gyeln. [14] (Gyelnik 1933)
- Lecanora polytropia* (Ehrh. ex Hoffm.) Rabenh. [5, 8, 11, 14, 15, 17] (Suza 1929, Szatala 1929, 1930; Popnikolov 1931, 1937b; Zhelezova 1956b; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF, UPS]
- Lecanora populicola* (DC.) Duby [8] (Popnikolov 1931; Popnikolov & Zhelezova 1964)
- Lecanora praepostera* Nyl. [8] (Popnikolov 1932) [SO]
- Lecanora pruinosa* Chaub. [1, 7, 17] (Suza 1929, 1943; Szatala 1930; Kloss 1962; Popnikolov & Zhelezova 1964)
- Lecanora pulicaris* (Pers.) Ach. [8, 14, 15, 17] (Suza 1929; Szatala 1930; Zhelezova 1956b; Popnikolov & Zhelezova 1964) [GZU, Natl Hist Mus, SOMF]
- Lecanora raesaenenii* Gyeln. [17] (Szatala 1930)
- Lecanora reuteri* Schaer. [1, 2, 7, 17] (Suza 1929, 1933; Kloss 1962; Popnikolov & Zhelezova 1964)
- Lecanora rugosella* Zahlbr. [5, 14, 15] (Szatala 1929, 1930; Popnikolov & Zhelezova 1964) [SOMF]
- Lecanora rupicola* (L.) Zahlbr. subsp. *rupicola* [5, 8, 10, 11, 14, 15, 17] (Suza 1929; Szatala 1929, 1930; Popnikolov 1931, 1937b; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SO, SOMF, UPS]
- Lecanora rupicola* subsp. *sulphurata* (Ach.) Leuckert & Poelt [1, 17] (Szatala 1929, 1930; Popnikolov & Zhelezova 1964)
- Lecanora saligna* (Schrud.) Zahlbr. [8, 14] [Seaward, SO]
- Note: A new record for Bulgaria – W of Bistritsa, S of Sofia, ca 700 m, on *Salix*, 16 Jun 1985, M.R.D. Seaward (Seaward 105 209); Mt Pirin, chalet Bunderitsa, 1800 m, on putrid trunks of *Pinus heldreichii*, A. Popnikolov (SO).
- Lecanora sambuci* (Pers.) Nyl. [5] (Szatala 1929; Popnikolov & Zhelezova 1964)
- Lecanora silicea* (Gyeln.) Gyeln. f. *bulgarica* (Gyeln.) Gyeln. [5] (Gyelnik 1931)
- Lecanora soralifera* (Suza) Räsänen [15] (Suza 1929)
- [*Lecanora subfallax* Motyka, *nom. illeg.*] [14] (Motyka 1996)
- Note: See the remark after *Lecanora hagenii* var. *fallax*. The name *Lecanora subfallax* Motyka is illegitimate, according to article 37.5 of the ICBN (no indication of a type).
- Lecanora subintricata* (Nyl.) Th. Fr. [14, 15, 17] (Szatala 1930; Popnikolov & Zhelezova 1964)
- Lecanora sulphurea* (Hoffm.) Ach. [1, 5, 8, 14, 17] (Kazandzhiev 1900; Suza 1929; Szatala 1929; Popnikolov 1931; Kloss 1962; Zhelezova 1963; Popnikolov & Zhelezova 1964) [SO, SOMF]
- Lecanora swartzii* (Ach.) Ach. [5, 8] (Szatala 1929; Popnikolov 1931; Popnikolov & Zhelezova 1964)
- Lecanora symmicta* (Ach.) Ach. [15] (Suza 1929; Popnikolov & Zhelezova 1964)
- Note: This species has been recorded from Bulgaria by Suza (1929) and Szatala (1930). Both records of Szatala (op. cit.) are based on wrongly determined specimens. The specimen from Rila Mts refers to *L. aff. aitema* (rev. Ch. Printzen, UPS), and the sample from the Rhodopes refers to *L. aff. saligna* (rev. Ch. Printzen, UPS).
- Lecanora varia* (Hoffm.) Ach. [14, 15, 17] (Suza 1929; Szatala 1930; Zhelezova 1956b; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SO, SOMF]

- Lecidea atrobrunnea* (Ramond ex Lam. & DC.) Schaer. [8, 14, 17] (Szatala 1930; Popnikolov 1931; Zhelezova 1963; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SO, SOME, UPS]
- Lecidea auriculata* Th. Fr. [15] (Szatala 1930; Popnikolov & Zhelezova 1964)
- [*Lecidea auriculata* var. *diducens* (Nyl.) Th. Fr.] [15, 17] (Szatala 1930)
- Note: According to Hertel (1971: 248), the records of Szatala (op. cit.) are based on wrongly determined specimens and refer to *Lecidea promiscens*.
- Lecidea bagliettoana* Zahlbr. [17] (Szatala 1930)
- Lecidea confluens* (Weber) Ach. [5, 8, 14, 15, 17, 18] (Kazandzhiev 1900, 1906; Szatala 1930; Popnikolov 1931; Zhelezova 1963; Popnikolov & Zhelezova 1964) [GZU, Natl Hist Mus, SO, SOMF]
- Lecidea erythrophaea* Flörke ex Sommerf. [1] (Szatala 1929; Popnikolov & Zhelezova 1964)
- Lecidea fuscoatra* (L.) Ach. [5, 8, 11, 17] (Kazandzhiev 1900; Szatala 1929, 1930; Popnikolov 1931, 1932, 1937b; Popnikolov & Zhelezova 1964) [SOME, UPS]
- Lecidea lapicida* (Ach.) Ach. var. *lapicida* [5, 8, 15] (Suza 1929; Szatala 1929, 1930; Cretzoiu 1936a; Zhelezova 1956b; Popnikolov & Zhelezova 1964; Schwab 1986)
- Lecidea lapicida* var. *pantherina* Ach. [5, 8, 14, 15, 17, 18] (Kazandzhiev 1900, 1906; Szatala 1929, 1930; Popnikolov 1931; Kloss 1962; Popnikolov & Zhelezova 1964) [SO]
- Lecidea lithophila* (Ach.) Ach. [11, 14, 15] (Popnikolov 1928, 1937b; Szatala 1930; Zhelezova 1956b; Popnikolov & Zhelezova 1964; Schwab 1986) [Natl Hist Mus, SO]
- Lecidea ocellulata* (Schaer.) Th. Fr. [17] (Szatala 1930; Popnikolov & Zhelezova 1964)
- Lecidea plana* (J. Lahm) Nyl. [5, 6, 8, 14, 17] (Popnikolov 1931; Zhelezova 1956b; Filipova 1963; Popnikolov & Zhelezova 1964) [SO]
- Lecidea promiscens* Nyl. [15, 17] (Hertel 1971)
- Lecidea promiscua* Nyl. [14, 15] (Cretzoiu 1936a; Kloss 1962) [SOMF]
- Lecidea pullata* (Norman) Th. Fr. [14] (Pišút 1967a)
- [*Lecidea sarcogynoides* Körb.] [17] (Szatala 1930; Popnikolov & Zhelezova 1964)
- Note: These records are based on a wrongly determined specimen of Szatala and refer to *Lecidella stigmatea*, according to Hertel (1971: 256).
- Lecidea silacea* Ach. [15] (Suza 1929; Popnikolov & Zhelezova 1964)
- Lecidea swartzioidea* Nyl. [15] [GZU]
- Note: A new record for Bulgaria – Montes Rila, in valle rivi Bistriza, infra refugium turisticum Musala, alt. 2000 m, solo granitico, 19 Sep 1985, S. Huneck.
- Lecidea tessellata* Flörke [8, 15, 17] (Podpěra 1911; Szatala 1930; Popnikolov 1931; Petkov 1939b; Popnikolov & Zhelezova 1964) [SO]
- Lecidea umbonata* (Hepp) Mudd [14] (Vězda 1969b; Hertel 1973: map)
- Lecidella anomaloides* (A. Massal.) Hertel & H. Kiliass [5, 8, 12, 17] (Popnikolov 1928; Popnikolov & Zhelezova 1964)
- Lecidella asema* (Nyl.) Knoph & Hertel [10] (Leuckert *et al.* 1992; Knoph *et al.* 1995: map)
- Lecidella carpathica* Körb. [1, 5, 8, 17] (Szatala 1929; Popnikolov 1931; Cretzoiu 1936a)
- Lecidella elaeochroma* (Ach.) M. Choisy [1, 2, 5, 6, 8, 11, 12, 14, 15, 17, 20] (Kazandzhiev 1906; Suza 1929; Szatala 1929, 1930; Popnikolov 1931, 1932, 1937b; Zhelezova 1956b, 1963; Popnikolov & Zhelezova 1964; Ivanov & Ivanova 1995; Ivanov 1998; Ivanov & Kovachev 2001) [Natl Hist Mus, Seaward, SOMF]
- Lecidella euphorea* (Flörke) Hertel [1, 2, 5, 15, 17, 20] (Szatala 1929, 1930) [Natl Hist Mus]
- Lecidella laureri* (Hepp) Körb. [8] (Popnikolov 1931) [SO]
- Lecidella patavina* (A. Massal.) Knoph & Leuckert [14] (Pišút 1969; Vězda 1967a)
- Lecidella stigmatea* (Ach.) Hertel & Leuckert [5, 8, 12, 14, 17] (Szatala 1929, 1930; Popnikolov 1931, 1937b; Kloss 1962; Popnikolov & Zhelezova 1964; Pišút 1969; Hertel 1971; Vodenicharov *et al.* 1993; Knoph & Leuckert 2000)
- Lecidella wulfenii* (Hepp) Körb. [14] (Pišút 1986)
- Lecidoma demissum* (Rutstr.) Goth. Schneid. & Hertel [8, 14, 15] (Kazandzhiev 1906; Suza 1929; Popnikolov 1931; Zhelezova 1956b, 1960; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964; Pišút 2001) [Natl Hist Mus, SOMF]
- Lempholemma botryosum* (A. Massal.) Zahlbr. [5, 17] (Szatala 1929, 1930; Popnikolov & Zhelezova 1964)
- Lepraria cacuminum* (A. Massal.) Lohtander [14] (Pišút 2001)
- Lepraria caesioalba* (de Lesd.) J.R. Laundon [5, 8, 15, 17] (Szatala 1929, 1930; Popnikolov 1931)
- Lepraria crassissima* (Hue) Lettau [4, 5, 7, 8, 14, 17, 20] (Zhelezova 1963; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF]
- Lepraria incana* (L.) Ach. [2, 4, 5, 8, 10, 15, 17] (Szatala 1930; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF]
- Lepraria membranacea* (Dicks.) Vain. [5, 14, 15, 17] (Suza 1929; Szatala 1930; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF]
- Lepraria neglecta* (Nyl.) Lettau [2, 5, 8, 11, 14, 15, 17] (Podpěra 1911; Popnikolov 1931; Popnikolov & Zhelezova 1964; Gärtner & Stoyneva 2003) [Natl Hist Mus, SOMF]
- Lepraria rigidula* (de Lesd.) Tønberg [17] [Seaward]
- Note: A new record for Bulgaria – 15 km N of Chepelare, 850 m, on metamorphic siliceous rocks, 14 Jun 1985, M.R.D. Seaward (Seaward 106 045).

- Leprocaulon microscopicum* (Vill.) Gams [5, 9, 10, 14, 15, 17] (Suza 1929; Szatala 1929, 1930; Popnikolov & Zhelezova 1964; Pišút 1967a, 1969)
- Leptochidium albociliatum* (Desm.) M. Choisy [5, 15, 17] (Suza 1929; Szatala 1929, 1930; Popnikolov & Zhelezova 1964; Pišút 1986)
- Leptogium burnetiae* Dodge var. *hirsutum* (Sierk) P.M. Jørg. [14] (Pišút 2001)
- Leptogium cyanescens* (Rabh.) Körb. [5, 6, 8, 17] (Kazandzhiev 1906; Popnikolov 1931; Szatala 1929, 1930; Suza 1933; Degelius 1935; Popnikolov & Zhelezova 1964; Vodenicharov *et al.* 1993) [SO]
- Leptogium gelatinosum* (With.) J.R. Laundon [1, 5, 7, 10, 11, 14, 15, 17, 20] (Szatala 1930; Zhelezova 1963; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF, UPS]
- Leptogium hildenbrandii* (Garov.) Nyl. [5, 13, 14] (Pišút 1967a) [SO]
- Leptogium lichenoides* (L.) Zahlbr. [1, 2, 4, 5, 7, 8, 10, 14, 15, 17, 19, 20] (Suza 1929; Szatala 1929, 1930; Popnikolov 1931; Zhelezova 1956b, 1960, 1963; Popnikolov & Zhelezova 1964; Pišút 2001) [Natl Hist Mus, SO, SOMF]
- Leptogium magnussonii* Degel. & P.M. Jørg. [14] (Pišút 2001)
- Leptogium palmatum* (Huds.) Mont. [5, 17, 20] (Szatala 1929, 1930; Degelius 1935; Popnikolov 1935; Popnikolov & Zhelezova 1964) [SO, UPS]
- Leptogium plicatile* (Ach.) Leight. [5, 7, 17] (Suza 1929; Szatala 1929, 1930; Popnikolov & Zhelezova 1964)
- Leptogium saturninum* (Dicks.) Nyl. [1, 5, 8, 11, 14, 15, 16, 17, 20] (Kazandzhiev 1906; Suza 1929; Szatala 1929, 1930; Popnikolov 1931, 1937b; Zhelezova 1956b, 1963; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964; Pišút 1967a, 1969, 1986) [Natl Hist Mus, SO, SOMF]
- Leptogium tenuissimum* (Dicks.) Körb. [14] (Pišút 2001)
- Letharia vulpina* (L.) Hue [14, 15, 17] (Suza 1929, 1933; Ahlner 1948; Schade 1954; Zhelezova 1956a, b, 1960, 1963; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964; Pišút 1969; Hafellner 1987) [Natl Hist Mus, SO, SOMF]
- Lichina confinis* (O.F. Müll.) C. Agardh [1] (Kazandzhiev 1906; Cretzoiu 1936a, 1940b; Popnikolov & Zhelezova 1964; Vězda 1975b) [GZU, SO]
- Lichinella stipatula* Nyl. [9, 15] (Pišút 2001)
- Lobaria amplissima* (Scop.) Forssell [5, 9, 11, 14, 15, 17, 20] (Zhelezova 1956b, 1963 – incl. cephalodia of *L. amplissima*; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964; Pišút 1969, 1971b – incl. cephalodia of *L. amplissima*, 1986) [Natl Hist Mus, SOMF]
- Lobaria linita* (Ach.) Rabenh. [5] (Kloss 1962; Popnikolov & Zhelezova 1964; Vodenicharov *et al.* 1993)
- Lobaria pulmonaria* (L.) Hoffm. f. *pulmonaria* [1, 2, 4, 5, 7, 8, 11, 14, 15, 16, 17, 20] (Kazandzhiev 1900; Suza 1929; Szatala 1929; Popnikolov 1931, 1937b; Cretzoiu 1936a; Zhelezova 1956b, 1962, 1963; Kloss 1962; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964; Pišút 1967a, 1969, 1986) [Natl Hist Mus, SOMF, UPS]
- Lobaria pulmonaria* f. *papillaris* (Delise) Hue [5, 8, 15, 17] (Szatala 1930; Zhelezova 1962, 1963; Popnikolov & Zhelezova 1964)
- Lobaria scrobiculata* (Scop.) DC. [5, 8, 11, 14, 15, 17, 18] (Kazandzhiev 1900; Suza 1929; Szatala 1930; Popnikolov 1931; Cretzoiu 1936a; Zhelezova 1956b, 1960, 1963; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964; Pišút 1969, 1986) [Natl Hist Mus, SOMF]
- Lobothallia melanaspis* (Ach.) Hafellner [14, 15] (Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 1967a) [Natl Hist Mus]
- Lobothallia parasitica* (de Lesd.) ined. [10, 14] (Vězda 1968a) [GZU]
- Lobothallia praeradiosa* (Nyl.) Hafellner [17] (Szatala 1930; Popnikolov & Zhelezova 1964)
- Lobothallia radiosa* (Hoffm.) Hafellner [1, 2, 4, 5, 7, 8, 10, 14, 17, 19] (Kazandzhiev 1900; Suza 1929; Szatala 1929, 1930; Popnikolov 1931, 1937a; Kušan 1934; Kloss 1962; Zhelezova 1963; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SO]
- Lopadium pezizoideum* (Ach.) Körb. [14] [SOMF]
Note: A new record for Bulgaria – muscicola in rupe granitica, Montes Pirin, prope lacum Rudno Ezero, alt. ca 2300 m, 15 Jul 1967, A. Vězda.
- Massalongia carnosa* (Dicks.) Körb. [15] (Suza 1929; Popnikolov & Zhelezova 1964; Vodenicharov *et al.* 1993)
- Megalaria laureri* (Hepp ex Th. Fr.) Hafellner [1, 5] (Popnikolov 1935; Zhelezova 1963; Popnikolov & Zhelezova 1964; Vodenicharov *et al.* 1993) [SO]
- Megaspora verrucosa* (Ach.) Hafellner & V. Wirth [14, 17] (Szatala 1930; Zhelezova 1956b; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964; Pišút 1969) [Natl Hist Mus, SOMF]
- Melanaria pentelici* (J. Steiner) Erichs. [1] (Vězda 1978c) [GZU]
- Melanelia commixta* (Nyl.) Thell [14] (Ivanov 1990)
- Melanelia disjuncta* (Erichsen) Essl. [15] (Pišút 1969)
- Melanelia exasperata* (De Not.) Essl. [6, 8, 14, 15, 17] (Suza 1929; Szatala 1929, 1930; Popnikolov 1931; Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 1969; Ivanov & Kovachev 2001) [Natl Hist Mus, Seaward, SO]

- Melanelia exasperatula* (Nyl.) Essl. [6, 8, 14, 15, 17] (Suza 1929; Szatala 1929, 1930; Popnikolov 1931; Zhelezova 1956b; Popnikolov & Zhelezova 1964; Ivanov & Kovachev 2001) [Natl Hist Mus, SO]
- Melanelia fuliginosa* (Fr. ex Duby) Essl. subsp. *fuliginosa* [5, 6, 8, 11, 14, 15, 16, 17] (Kazandzhiev 1900; Suza 1929; Szatala 1930; Popnikolov 1931, 1937b; Popnikolov & Zhelezova 1964; Ivanov & Kovachev 2001) [Natl Hist Mus, SO]
- Melanelia fuliginosa* subsp. *glabratula* (Lamy) Coppins [2, 5, 15] (Suza 1929; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SO]
- Melanelia glabra* (Schaer.) Essl. [4, 5, 6, 8, 9, 14, 15, 16, 17, 18] (Suza 1929; Szatala 1929, 1930; Popnikolov 1931; Gyelnik 1934; Zhelezova 1956b, 1963; Filipova 1963; Popnikolov & Zhelezova 1964; Pišút 1969; Czezugá 1989; Ivanov & Kovachev 2001) [Natl Hist Mus, SO, SOMF]
- Melanelia hepatizon* (Ach.) Thell [5, 8, 14, 15] (Suza 1929; Popnikolov 1931; Kloss 1962; Zhelezova 1962, 1963; Popnikolov & Zhelezova 1964) [Natl Hist Mus]
- Melanelia olivacea* (L.) Essl. [1, 2, 3, 4, 5, 6, 7, 8, 15, 17, 18] (Kazandzhiev 1900; Podpěra 1911; Petkov 1929; Cretzoiu 1936a; Popnikolov & Zhelezova 1964) [SO]
- Melanelia panniformis* (Nyl.) Essl. [15] (Popnikolov & Zhelezova 1964)
- Melanelia soreliata* (Ach.) Goward & Ahti [8, 15, 17] (Kazandzhiev 1900; Suza 1929; Szatala 1930; Popnikolov 1931; Popnikolov & Zhelezova 1964)
- Melanelia stygia* (L.) Essl. [8, 14, 15, 17] (Kazandzhiev 1900; Suza 1929; Szatala 1930; Popnikolov 1931; Kloss 1962; Popnikolov & Zhelezova 1964; Pišút 1969) [Natl Hist Mus, Seaward, SOMF]
- Melanelia subaurifera* (Nyl.) Essl. [5, 8, 15, 17] (Suza 1929; Szatala 1929, 1930; Popnikolov 1931; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF]
- Micarea denigrata* (Fr.) Hedl. [14, 17] (Szatala 1930; Popnikolov & Zhelezova 1964) [GZU]
- Micarea nitschkeana* (J. Lahm ex Rabenh.) Harm. [6, 15] (Szatala 1930; Popnikolov & Zhelezova 1964; Ivanov & Kovachev 2001)
- Micarea sylvicola* (Flot.) Vězda & V. Wirth [15, 17] (Szatala 1930; Popnikolov & Zhelezova 1964)
- Miriquidica complanata* (Körb.) Hertel & Rambold [17] (Szatala 1930)
- Miriquidica garovaglii* (Schaer.) Hertel & Rambold [8, 14] (Suza 1929; Kloss 1962; Popnikolov & Zhelezova 1964)
- Miriquidica leucophaea* (Flörke ex Rabenh.) Hertel & Rambold [5] (Szatala 1929; Popnikolov & Zhelezova 1964)
- Miriquidica nigroleprosa* (Vain.) Hertel & Rambold var. *liljenstroemii* (Du Rietz) Owe-Larsson & Rambold [8] (Suza 1929; Popnikolov 1931)
- Moelleropsis nebulosa* (Hoffm.) Gyeln. [8, 15, 17] (Szatala 1930; Popnikolov 1931; Popnikolov & Zhelezova 1964)
- Mycobilimbia hypnorum* (Lib.) Kalb & Hafellner [14, 15, 17] (Podpěra 1911; Szatala 1930; Popnikolov & Zhelezova 1964; Pišút 1969)
- Mycobilimbia lurida* (Ach.) Hafellner & Türk [1, 2, 4, 5, 7, 8, 14, 16, 17, 19] (Kazandzhiev 1906; Szatala 1929, 1930; Popnikolov 1931, 1937a; Zhelezova 1960, 1963; Kloss 1962; Popnikolov & Zhelezova 1964; Pišút 1969) [Natl Hist Mus, SO, SOMF]
- Naetrocymbe fraxini* (A. Massal.) R.C. Harris [1, 17] (Kazandzhiev 1906; Suza 1929; Popnikolov & Zhelezova 1964) [SOMF]
- Naetrocymbe punctiformis* (Pers.) R.C. Harris [1, 5, 8, 15, 17] (Popnikolov 1931; Kloss 1962; Popnikolov & Zhelezova 1964; Ivanov & Ivanova 1995) [SOMF]
- Naetrocymbe rhyponota* (Ach.) R.C. Harris [8] (Szatala 1929; Popnikolov 1931; Popnikolov & Zhelezova 1964) [SOMF]
- Neofuscelia delisei* (Duby) Essl. [8] (Suza 1929; Szatala 1929; Popnikolov & Zhelezova 1964)
- Neofuscelia loxodes* (Nyl.) Essl. [1, 8] (Szatala 1929)
- Neofuscelia pokornyi* (Körb.) Essl. [5, 10, 15] (Szatala 1929, 1930; Gyelnik 1931; Cretzoiu 1933; Popnikolov & Zhelezova 1964; Pišút 1969; Esslinger 1977)
- Neofuscelia pulla* (Ach.) Essl. [1, 5, 6, 8, 10, 11, 14, 15, 17, 19] (Suza 1929; Szatala 1929, 1930; Popnikolov 1931, 1937b; Cretzoiu 1936a; Filipova 1963; Popnikolov & Zhelezova 1964; Pišút 1969; Vodenicharov *et al.* 1993) [GZU, Natl Hist Mus, Seaward, SO, SOMF]
- Neofuscelia ryssolea* (Ach.) Essl. [1, 2, 5, 6] (Kloss 1962; Lambrev *et al.* 1962; Zhelezova 1963; Popnikolov & Zhelezova 1964) [SOMF, Natl Hist Mus]
- Neofuscelia verruculifera* (Nyl.) Essl. [1, 2, 4, 5, 6, 8, 14, 15, 17, 18] (Suza 1929; Szatala 1929, 1930; Popnikolov 1931; Zhelezova 1956b; Popnikolov & Zhelezova 1964; Ivanov & Ivanova 1995; Ivanov & Kovachev 2001) [Natl Hist Mus, SOMF]
- Nephroma bellum* (Spreng.) Tuck. [17] [Natl Hist Mus]
Note: A new record for Bulgaria – Mts Rhodopes, in the forest of Jundola, ca 1350 m, 6 Jun 1956, B. Zhelezova.
- Nephroma helveticum* Ach. [5, 8, 15, 17] (Zhelezova 1956b; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF]
- Nephroma laevigatum* Ach. [5, 8, 9, 11, 15, 17, 20] (Kazandzhiev 1900; Szatala 1930; Popnikolov 1931; Degelius 1935; Zhelezova 1963; Popnikolov & Zhelezova 1964; Vodenicharov *et al.* 1993) [Natl Hist Mus, SOMF]
- Nephroma parile* (Ach.) Ach. [5, 8, 9, 10, 11, 14, 15, 16, 17] (Kazandzhiev 1900; Podpěra 1911; Suza 1929; Szatala 1930; Popnikolov 1931, 1937b; Zhelezova 1956b, 1963;

- Popnikolov & Zhelezova 1964; Pišút 1967a, 1969, 1986; Vězda 1968a) [Natl Hist Mus, SOMF]
- Nephroma resupinatum* (L.) Ach. [1, 5, 8, 11, 14, 15, 16, 17] (Kazandzhiev 1900; Podpěra 1911; Suza 1929; Szatala 1929, 1930; Popnikolov 1931, 1937b; Kloss 1962; Lambrev *et al.* 1962; Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 1967a, 1969, 1986) [Natl Hist Mus, SOMF]
- Normandina pulchella* (Borrer) Nyl. [5, 15, 20] (Suza 1929, 1933; Degelius 1935; Zhelezova 1962; Popnikolov & Zhelezova 1964; Vodenicharov *et al.* 1993) [SOMF]
- Ochrolechia alboflavescens* (Wulfen) Zahlbr. [14, 15, 17] (Szatala 1930; Zhelezova 1956b, 1963; Popnikolov & Zhelezova 1964; Pišút 1969, 1986, 2001) [Natl Hist Mus, SOMF]
- Ochrolechia androgyna* (Hoffm.) Arnold [10, 14, 17] (Szatala 1930; Verseghy 1962; Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 1969, 1986) [Natl Hist Mus, SO]
- Ochrolechia pallescens* (L.) A. Massal. [5, 11, 14, 15, 17] (Popnikolov 1928, 1937b; Szatala 1929; Zhelezova 1956b; Verseghy 1962; Popnikolov & Zhelezova 1964; Pišút 1969) [Natl Hist Mus, SO]
- Ochrolechia parella* (L.) A. Massal. [1, 2, 4, 5, 9, 10, 11, 14, 15, 17, 19] (Szatala 1929, 1930; Popnikolov 1937b; Lambrev *et al.* 1962; Verseghy 1962; Zhelezova 1963; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SO, SOMF]
- Ochrolechia szatalaensis* Verseghy [14, 15, 17] (Verseghy 1962; Pišút 1969, 1986, 1995, 2001)
- Ochrolechia tartarea* (L.) A. Massal. [15] (Suza 1929; Popnikolov & Zhelezova 1964)
- Ochrolechia upsaliensis* (L.) A. Massal. [17] (Szatala 1930; Zhelezova 1963; Popnikolov & Zhelezova 1964) [Natl Hist Mus]
- Opegrapha atra* Pers. [1] (Szatala 1929; Popnikolov & Zhelezova 1964; Ivanov & Ivanova 1995) [Natl Hist Mus, SO, SOMF]
- Opegrapha calcarea* Turner ex Sm. [1, 4, 12] (Szatala 1929; Popnikolov 1937b; Popnikolov & Zhelezova 1964) [SO]
- [*Opegrapha conferta* Anzi] [1] (Vězda 1978a)
- Note: This record is based on a wrongly determined specimen (Vězda, Lich. sel. exs., no. 1505) and refers to *O. calcarea* (rev. L. Källsten, UPS).
- Opegrapha klementii* Cretz. [1] (Redinger 1937-1938)
- Opegrapha rupestris* Pers. [2, 12] (Popnikolov 1937b; Redinger 1937-1938; Popnikolov & Zhelezova 1964)
- Opegrapha subelevata* (Nyl.) Nyl. [1] [GZU]
- Note: A new record for Bulgaria – ad Pontum Euxinum, distr. Burgas, inter oppid. Tzarevo et pag. Varvara, ad scopulum maritimum, 22 Aug 1977, A. Vězda.
- Opegrapha varia* Pers. [1, 2, 5, 8, 17] (Popnikolov 1928; Szatala 1929, 1930; Zhelezova 1956b, 1963; Popnikolov & Zhelezova 1964; Ivanov & Ivanova 1995) [Natl Hist Mus, SO, SOMF]
- Ophioparma ventosa* (L.) Norman [5, 8, 15] (Kazandzhiev 1900; Suza 1929; Szatala 1929, 1930; Popnikolov 1931; Zhelezova 1956b, 1963; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF]
- Orphniospora moriopsis* (A. Massal.) D. Hawksw. [8, 15] (Suza 1929; Popnikolov 1931; Popnikolov & Zhelezova 1964) [SO]
- Orphniospora mosigii* (Körb.) Hertel & Rambold [8, 14] (Popnikolov 1932; Kloss 1962; Popnikolov & Zhelezova 1964; Hertel & Rambold 1988) [SOMF]
- Pannaria conoplea* (Ach.) Bory [5, 8, 15, 17] (Popnikolov 1928, 1931; Suza 1929; Szatala 1930; Degelius 1935; Popnikolov & Zhelezova 1964) [SO]
- Pannaria rubiginosa* (Ach.) Bory [5, 15, 17] (Zhelezova 1962)
- Paraphysothele klementiana* Servít [1] (Servít 1955)
- Parmelia omphalodes* (L.) Ach. [5, 8, 14, 15, 17] (Kazandzhiev 1900; Podpěra 1911; Suza 1929; Szatala 1930; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF]
- Parmelia saxatilis* (L.) Ach. [1, 4, 5, 8, 11, 14, 15, 16, 17] (Kazandzhiev 1900; Podpěra 1911; Suza 1929; Szatala 1929, 1930; Popnikolov 1931, 1937b; Petkov 1939b; Zhelezova 1956b, 1960, 1962, 1963; Kloss 1962; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964; Pišút 1969; Vězda 1983) [Natl Hist Mus, SOMF]
- Parmelia submontana* Nádv. ex Hale [1, 14] (Pišút 1969, 1986; Ivanov & Ivanova 1995)
- Parmelia sulcata* Taylor [1, 2, 4, 5, 6, 8, 14, 15, 17, 18, 20] (Kazandzhiev 1900; Suza 1929; Szatala 1929, 1930; Popnikolov 1931; Cretzoiu 1936a; Zhelezova 1956b; Lambrev *et al.* 1962; Filipova 1963; Popnikolov & Zhelezova 1964; Pišút 1969, 1986; Damyanova & Velkov 1981; Vězda 1982; Czeczuga 1989; Ivanov 1998; Ivanov & Kovachev 2001) [Natl Hist Mus, Seaward, SOMF]
- Parmeliella triptophylla* (Ach.) Müll. Arg. [14, 15, 17] (Szatala 1930; Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 1969) [Natl Hist Mus, SOMF]
- Parmelina carporrhizans* (Taylor) Poelt & Vězda [1, 5, 14, 15, 17] (Szatala 1930; Zhelezova 1956b; Kloss 1962; Popnikolov & Zhelezova 1964; Pišút 2001)
- Parmelina quercina* (Willd.) Hale [1, 2, 5, 6, 8, 14, 15, 16, 17] (Szatala 1930; Popnikolov & Zhelezova 1964; Pišút 1969; Ivanov & Kovachev 2001; Radanova 2002) [Natl Hist Mus, SOMF]
- Parmelina tiliacea* (Hoffm.) Hale [1, 2, 4, 5, 6, 7, 8, 10, 11, 14, 15, 17, 18, 20] (Kazandzhiev 1900; Suza 1929; Szatala 1929, 1930; Popnikolov 1931, 1937b; Kloss 1962; Zhelezova 1963; Popnikolov & Zhelezova 1964;

- Pišút 1969; Ivanov & Ivanova 1995) [Natl Hist Mus, Seaward, SOMF]
- Parmeliopsis ambigua* (Wulfen) Nyl. [5, 8, 14, 15, 17] (Kazandzhiev 1900; Suza 1929; Szatala 1930; Popnikolov 1931; Zhelezova 1960, 1963; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964; Pišút 1969) [Natl Hist Mus, SO, SOMF]
- Parmeliopsis hyperopta* (Ach.) Arnold [14, 15, 17] (Kazandzhiev 1900; Popnikolov & Zhelezova 1964; Pišút 1969) [Natl Hist Mus, SO]
- Parmotrema chinense* (Osbeck) Hale & Ahti [4, 5, 8, 10, 15, 17, 18, 20] (Kazandzhiev 1900; Suza 1929; Szatala 1930; Popnikolov 1931; Almborn 1948; Zhelezova 1956b, 1960, 1962, 1963; Popnikolov & Zhelezova 1964; Vodenicharov *et al.* 1993; Radanova 2002) [Natl Hist Mus, SO, SOMF]
- Parmotrema robustum* (Degel.) Hale [8] (Popnikolov & Zhelezova 1964)
- Peccania coralloides* (A. Massal.) A. Massal. [4, 14] (Szatala 1929; Popnikolov & Zhelezova 1964; Pišút 1967; Vodenicharov *et al.* 1993)
- Peltigera aphthosa* (L.) Willd. [5, 6, 8, 14, 15, 16, 17] (Kazandzhiev 1900; Podpěra 1911; Suza 1929; Kloss 1962; Lambrev *et al.* 1962; Zhelezova 1963; Popnikolov & Zhelezova 1964) [GZU, Natl Hist Mus, SOMF]
- Peltigera canina* (L.) Willd. [4, 5, 8, 10, 11, 14, 15, 17] (Kazandzhiev 1900; Podpěra 1911; Szatala 1930; Popnikolov 1931, 1937b; Cretzoiu 1936a; Zhelezova 1956b, 1960, 1963; Kloss 1962; Popnikolov & Zhelezova 1964; Vitikainen 1994: Fig. 20 + a map; Radanova 2002) [Natl Hist Mus, SOMF]
- Peltigera collina* (Ach.) Schrad. [5, 8, 10, 11, 14, 15, 16, 17] (Suza 1929; Szatala 1929, 1930; Popnikolov 1937b; Zhelezova 1956b; Kloss 1962; Popnikolov & Zhelezova 1964; Pišút 1967a, 1969; Vitikainen 1994: Fig. 23 + a map) [Natl Hist Mus, SO, SOMF]
- Peltigera degenii* Gyeln. [probably 5, 17] (Vitikainen 1994: map)
- Peltigera didactyla* (With.) J.R. Laundon [1, 2, 4, 8, 9, 11, 14, 15, 16, 17] (Podpěra 1911; Suza 1929; Szatala 1929, 1930; Popnikolov 1931; Zhelezova 1956b, 1960, 1963; Popnikolov & Zhelezova 1964; Pišút 1967a; Vitikainen 1994: map) [Natl Hist Mus, SOMF]
- Peltigera horizontalis* (Huds.) Baumg. [2, 4, 5, 8, 11, 14, 15, 17, 18] (Kazandzhiev 1900; Suza 1929; Szatala 1930; Popnikolov 1931, 1937a, b; Cretzoiu 1936a; Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 1969; Czeczuga 1989; Vitikainen 1994: map) [GZU, Natl Hist Mus, SOMF]
- Peltigera hymenina* (Ach.) Delise [5] (Kloss 1962; Popnikolov & Zhelezova 1964)
- Peltigera lepidophora* (Nyl. ex Vain.) Bitter [5, 8, 15, 17] (Suza 1929; Szatala 1929, 1930; Popnikolov 1931; Popnikolov & Zhelezova 1964; Vodenicharov *et al.* 1993; Vitikainen 1994: map) [Natl Hist Mus]
- Peltigera leucophlebia* (Nyl.) Gyeln. [5, 8, 9, 11, 14, 15, 16, 17] (Szatala 1930; Popnikolov 1931, 1937b; Cretzoiu 1936a; Zhelezova 1956b; Popnikolov & Zhelezova 1964; Pišút 1967a, 1969) [Natl Hist Mus, SO, SOMF]
- Peltigera malacea* (Ach.) Funck [5, 8, 15, 17] (Szatala 1930; Popnikolov 1931; Kloss 1962; Zhelezova 1963; Popnikolov & Zhelezova 1964; Vitikainen 1994: map) [SOMF]
- Peltigera neckeri* Hepp ex Müll. Arg. [n] (Vitikainen 1994: map)
- Peltigera neopolydactyla* (Gyeln.) Gyeln. [n] (Vitikainen 1994: map)
- Peltigera polydactylon* (Neck) Hoffm. [5, 8, 14, 15, 17] (Kazandzhiev 1900; Suza 1929; Szatala 1929, 1930; Popnikolov 1931; Zhelezova 1956b; Popnikolov & Zhelezova 1964; Pišút 1967a; Vitikainen 1994: map) [Natl Hist Mus, SO]
- Peltigera ponojensis* Gyeln. [n] (Vitikainen 1994: map)
- Peltigera praetextata* (Flörke ex Sommerf.) Zopf [1, 2, 5, 8, 14, 15] (Suza 1929; Szatala 1930; Zhelezova 1956b, 1960, 1963; Popnikolov & Zhelezova 1964; Pišút 1969; Vitikainen 1994: map) [Natl Hist Mus, SOMF]
- Peltigera rufescens* (Weiss) Humb. [1, 4, 5, 6, 7, 8, 14, 15, 16, 17, 19] (Podpěra 1911; Szatala 1929, 1930; Cretzoiu 1936a; Petkov 1939b; Zhelezova 1956b, 1960, 1962, 1963; Kloss 1962; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964; Vitikainen 1994: map) [Natl Hist Mus, Seaward, SOMF]
- Peltigera venosa* (L.) Hoffm. [5, 6, 8, 9, 11, 14, 15, 16, 17] (Kazandzhiev 1900; Podpěra 1911; Suza 1929; Szatala 1930; Popnikolov 1931, 1937b; Zhelezova 1956b, 1960; Lambrev *et al.* 1962; Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 1969; Vitikainen 1994: map) [Natl Hist Mus, SO, SOMF]
- Peltula euploca* (Ach.) Poelt [4, 8, 9, 10, 14, 17, 18] (Kazandzhiev 1900; Suza 1929; Szatala 1929; Popnikolov 1931; Popnikolov & Zhelezova 1964; Pišút 1967a, 2001; Vodenicharov *et al.* 1993) [SO, UPS]
- Pertusaria albescens* (Huds.) M. Choisy & Werner [1, 2, 5, 8, 9, 11, 14, 15, 16, 17, 20] (Suza 1929; Szatala 1929, 1930; Popnikolov 1937b; Zhelezova 1956b, 1963; Popnikolov & Zhelezova 1964; Vězda 1967a, 1975b; Hanko 1983) [Natl Hist Mus, SO, SOMF]
- Pertusaria alpina* Hepp ex H.E. Ahles [15, 20] (Szatala 1930; Erichsen 1940a; Popnikolov & Zhelezova 1964)
- Pertusaria amara* (Ach.) Nyl. [1, 5, 11, 20] (Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 1969) [Natl Hist Mus, SO]
- Pertusaria amarescens* Nyl. [10, 11] (Popnikolov 1937b; Popnikolov & Zhelezova 1964)

- Pertusaria aspergilla* (Ach.) J.R. Laundon [10, 14, 15] (Pišút 2001) [GZU]
- Pertusaria coccodes* (Ach.) Nyl. [1, 5, 14, 17, 20] (Szatala 1930; Zhelezova 1962, 1963; Popnikolov & Zhelezova 1964; Pišút 2001)
- Pertusaria coronata* (Ach.) Th. Fr. [5] (Szatala 1929; Popnikolov & Zhelezova 1964)
- Pertusaria flavida* (DC.) J.R. Laundon [1, 5, 11, 14, 15, 16, 20] (Suza 1929; Szatala 1929; Zhelezova 1960, 1963; Popnikolov & Zhelezova 1964; Pišút 1969; Hanko 1983; Schreiner & Hafellner 1992) [GZU, SO, SOMF, Natl Hist Mus]
- Pertusaria hemisphaerica* (Flörke) Erichsen [1, 11, 14, 15] (Zhelezova 1963; Popnikolov & Zhelezova 1964) [Natl Hist Mus]
- Pertusaria hymenea* (Ach.) Schaer. [11] (Popnikolov 1937b; Popnikolov & Zhelezova 1964) [SO]
- Pertusaria kasandjeffii* Szatala [17] (Szatala 1930; Erichsen 1934, 1940a; Popnikolov & Zhelezova 1964; Vodenicharov *et al.* 1993; Schmitz *et al.* 1994) [SO]
- Pertusaria lactea* (L.) Arnold [8, 14, 15, 17] (Suza 1929; Zhelezova 1956b, 1963; Popnikolov & Zhelezova 1964; Hanko 1983) [GZU, Natl Hist Mus]
- Pertusaria leioplaca* DC. [1, 2, 5, 11, 14, 15, 17, 20] (Kazandzhiev 1906; Szatala 1930; Popnikolov 1937b; Zhelezova 1962; Popnikolov & Zhelezova 1964; Pišút 1969, 2001; Hanko 1983) [SO]
- Pertusaria melanochlora* (DC.) Nyl. [5] (Popnikolov 1932; Popnikolov & Zhelezova 1964) [SO]
- Pertusaria ocellata* Körb. [5, 6, 8] (Kazandzhiev 1906; Popnikolov 1931; Popnikolov & Zhelezova 1964)
- Pertusaria oculata* (Dicks.) Th. Fr. [6, 15] (Suza 1929; Popnikolov & Zhelezova 1964) [GZU, SOMF]
- Pertusaria pertusa* (Weigel) Tuck. [1, 4, 5, 11, 14, 15, 17, 20] (Popnikolov 1928, 1937b; Suza 1929; Szatala 1930; Zhelezova 1962, 1963; Popnikolov & Zhelezova 1964; Pišút 1969, 2001) [Natl Hist Mus, SO, SOMF]
- Pertusaria rupicola* (Fr.) Harm. [17] (Szatala 1930; Popnikolov & Zhelezova 1964)
- Petractis clausa* (Hoffm.) Kremp. [4] (Popnikolov 1935, 1937a; Popnikolov & Zhelezova 1964) [SOMF]
- Phaeophyscia cernoborskyi* (Nádv.) Essl. [9] (Pišút 2001)
- Phaeophyscia chloantha* (Ach.) Moberg [1, 5] (Nádvornik 1948; Ivanov & Ivanova 1995)
- Note: A record of Szatala (1929) refers to *Phaeophyscia poeltii*.
- Phaeophyscia ciliata* (Hoffm.) Moberg [1, 14, 15, 17] (Suza 1929; Szatala 1930; Zhelezova 1956b, 1963; Popnikolov & Zhelezova 1964; Pišút 1967a) [Natl Hist Mus]
- Phaeophyscia endococcina* (Körb.) Moberg [5, 14, 15] (Szatala 1929, 1930; Popnikolov & Zhelezova 1964; Pišút 1967a, 1969)
- Phaeophyscia endophoenicea* (Harm.) Moberg [17] [Seaward]
- Note: A new record for Bulgaria – 15 km N of Chepelare, ca 750 m, on Salix, 14 Jun 1985, M.R.D. Seaward (Seaward 105 406 – sub *Physcia aipolia*).
- Phaeophyscia hirsuta* (Mereschk.) Essl. [10] (Pišút 1969)
- Phaeophyscia nigricans* (Flörke) Moberg [1, 5, 6, 8, 15, 17, 18, 20] (Suza 1929; Szatala 1930; Nádvornik 1948; Zhelezova 1963; Popnikolov & Zhelezova 1964; Ivanov & Kovachev 2001) [Natl Hist Mus, SOMF, UPS]
- Phaeophyscia orbicularis* (Neck.) Moberg [1, 2, 5, 6, 8, 10, 12, 14, 15, 17] (Kazandzhiev 1900; Suza 1929; Szatala 1930; Popnikolov 1931, 1937b; Zhelezova 1956b; Popnikolov & Zhelezova 1964; Ivanov & Ivanova 1995; Ivanov 1998; Ivanov & Kovachev 2001) [Natl Hist Mus, SO]
- Phaeophyscia poeltii* (Frey) Nimis [5] (Moberg 1994) [UPS]
- Phaeophyscia sciastra* (Ach.) Moberg [15, 17] (Szatala 1930; Popnikolov & Zhelezova 1964; Pišút 1969) [SOMF]
- Phaeorrhiza nimbosa* (Fr.) H. Mayrhofer & Poelt [14] (Vězda 1967a; Pišút 1969)
- Phlyctis agelaea* (Ach.) Flot. [1, 5] (Popnikolov 1935; Popnikolov & Zhelezova 1964; Vodenicharov *et al.* 1993) [Natl Hist Mus]
- Phlyctis argena* (Spreng.) Flot. [5, 8] [Natl Hist Mus]
- Note: A new record for Bulgaria – Mt Stara Planina, Vitinya, 1500 m, on *Fagus*, 21 Jun 1955, B. Zhelezova; Mt Stara Planina, Vitinya, 1000 m, on *Fagus*, Oct 1959, B. Zhelezova; Mt Vitosha, Zlatnite Mostove, 1350 m, on *Pyrus*, 10 Nov 1951, B. Zhelezova.
- Physcia adscendens* H. Olivier (*nom. cons.*) [1, 2, 6, 7, 8, 10, 14, 15, 17] (Kazandzhiev 1900; Suza 1929; Szatala 1930; Cretzoiu 1936a; Nádvornik 1948; Zhelezova 1956b, 1963; Kloss 1962; Filipova 1963; Popnikolov & Zhelezova 1964; Pišút 1969; Vodenicharov *et al.* 1993; Ivanov & Ivanova 1995; Ivanov 1998; Ivanov & Kovachev 2001) [Natl Hist Mus, SOMF, UPS]
- Physcia aipolia* (Ehrh. ex Humb.) Fűrnr. [1, 2, 4, 5, 6, 8, 14, 15, 17, 18] (Kazandzhiev 1900; Suza 1929; Szatala 1929, 1930; Popnikolov 1931; Gyelnik 1933; Nádvornik 1948; Zhelezova 1956b; Kloss 1962; Filipova 1963; Popnikolov & Zhelezova 1964; Pišút 1969; Ivanov & Kovachev 2001) [Natl Hist Mus, Seaward, SOMF]
- Physcia albinea* (Ach.) Nyl. [2, 4, 5, 6, 8, 14, 15, 17] (Szatala 1929, 1930; Popnikolov 1931; Kloss 1962; Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 1967a) [Natl Hist Mus, SOMF, UPS]
- Physcia biziana* (A. Massal.) Zahlbr. [14] (Pišút 1967a)
- Physcia caesia* (Hoffm.) Fűrnr. [3, 4, 5, 8, 10, 14, 15, 17] (Kazandzhiev 1900; Szatala 1930; Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 1967a, 1969) [Natl Hist Mus]
- Physcia dimidiata* (Arnold) Nyl. [1, 7, 8, 10, 14, 15] (Szatala 1929; Popnikolov 1931; Zhelezova 1963; Ivanov & Ivanova 1995; Pišút 2001) [Natl Hist Mus, UPS]

- Physcia dubia* (Hoffm.) Lettau [5, 7, 8, 14, 15, 17] (Suza 1929; Szatala 1930; Nádvořník 1948; Popnikolov & Zhelezova 1964; Pišút 1969) [Seaward, UPS]
- Physcia leptalea* (Ach.) DC. [1, 4, 5, 14, 17, 20] (Cretzoiu 1936a; Pišút 1967a, 1969) [GZU, SOMF]
- Physcia magnussonii* Frey [14, 15, 17] (Pišút 1986, 2001) [UPS]
- Physcia phaea* (Tuck.) J.W. Thomson [17] (Szatala 1930)
- Physcia stellaris* (L.) Nyl. [1, 2, 5, 6, 7, 8, 11, 14, 15, 16, 17, 19] (Kazandzhiev 1900; Suza 1929; Szatala 1929, 1930; Popnikolov 1931; Gyelnik 1933; Cretzoiu 1936a; Nádvořník 1948; Kloss 1962; Lambrev *et al.* 1962; Filipova 1963; Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 1969; Ivanov & Ivanova 1995; Ivanov 1998; Ivanov & Kovachev 2001) [Nat Hist Mus, SOMF]
- Physcia tenella* (Scop.) DC. [1, 2, 6, 7, 8, 11, 12, 15, 17, 18, 19, 20] (Kazandzhiev 1900; Suza 1929; Szatala 1929, 1930; Popnikolov 1931, 1937b; Zhelezova 1956b, 1963; Filipova 1963; Popnikolov & Zhelezova 1964; Czeczuga 1989; Ivanov & Ivanova 1995) [Nat Hist Mus, SOMF]
- Physcia tribacia* (Ach.) Nyl. [1, 2, 4, 5, 6, 7, 10, 11, 14, 17, 18, 19] (Kazandzhiev 1900; Szatala 1930; Popnikolov 1937b; Zhelezova 1956b, 1963; Popnikolov & Zhelezova 1964) [Nat Hist Mus, SOMF]
- Physconia detersa* (Nyl.) Poelt [14] (Pišút 2001)
- Physconia distorta* (With.) J.R. Laundon [1, 4, 5, 6, 11, 15, 16, 17, 18] (Kazandzhiev 1900; Podpěra 1911; Suza 1929; Szatala 1929, 1930; Popnikolov 1937b; Nádvořník 1948; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964; Pišút 1969; Ivanov & Ivanova 1995; Ivanov & Kovachev 2001) [Nat Hist Mus, UPS]
- Physconia enteroxantha* (Nyl.) Poelt [5, 6, 15, 17] (Szatala 1929, 1930; Ivanov & Kovachev 2001) [UPS]
- Physconia grisea* (Lam.) Poelt [1, 5, 6, 14, 15, 17] (Kazandzhiev 1900; Nádvořník 1948; Zhelezova 1956b; Popnikolov & Zhelezova 1964; Pišút 1967a, 1969; Vězda 1979a; Ivanov & Ivanova 1995; Ivanov & Kovachev 2001) [Nat Hist Mus]
- Physconia muscigena* (Ach.) Poelt [5, 8, 15, 17] (Szatala 1929, 1930; Popnikolov 1931; Popnikolov & Zhelezova 1964)
- Physconia perisidiosa* (Erichsen) Moberg [15, 17] (Szatala 1930) [UPS]
- Note: Szatala reported the species under the previously misinterpreted name *Physcia pharea* (Turn.) Vain. A specimen in UPS (on *Aesculus hippocastanum*, Rila Mts, Rila monastery, alt. ca 1150 m, 29 Sep 1978, leg. G. Degelius, as *Physcia* sp., det. R. Moberg) confirms this record.
- Physconia servitii* (Nádv.) Poelt [14] (Otte *et al.* 2002)
- Physconia venusta* (Ach.) Poelt [1, 2, 5, 8, 11, 14, 15, 17] (Suza 1929; Szatala 1929, 1930; Popnikolov 1931, 1937b; Nádvořník 1948; Zhelezova 1956b; Popnikolov & Zhelezova 1964; Pišút 1969; Otte *et al.* 2002) [Nat Hist Mus]
- [*Placidiopsis dermatocarpoides* Anzi] [5] (Szatala 1929; Popnikolov & Zhelezova 1964)

Note: Szatala's report is based on a misidentified specimen of *Placopyrenium tatrense* (rev. O. Breuss, UPS).

- Placidium adami-borosi* Szatala [17] (Breuss 1990)
- Placidium lachneum* (Ach.) de Lesd. [4, 5, 8, 14, 15, 17] (Szatala 1929, 1930; Popnikolov 1931; Popnikolov & Zhelezova 1964; Pišút 1969; Breuss 1990, 1995: map)
- Placidium michelii* A. Massal. [5, 8, 15, 17] (Szatala 1929, 1930; Popnikolov 1931; Popnikolov & Zhelezova 1964; Breuss 1990)
- Placidium rufescens* (Ach.) A. Massal. [4, 5, 15, 16, 17] (Podpěra 1911; Suza 1929; Kloss 1962; Breuss 1990)
- Placidium squamulosum* (Ach.) Breuss [5, 14, 15, 17] (Suza 1929; Zhelezova 1956b, 1963; Popnikolov & Zhelezova 1964; Pišút 1969; Breuss 1990) [Nat Hist Mus]
- Placocarpus schaeereri* (Fr.) Breuss [1, 4, 5, 7, 8, 10, 15, 17, 19] (Kazandzhiev 1900; Podpěra 1911; Suza 1929; Szatala 1929; Popnikolov 1931; Kloss 1962; Zhelezova 1963; Popnikolov & Zhelezova 1964) [Nat Hist Mus, SOMF]
- Placopyrenium bucekii* (Nádv. & Servít) Breuss [17] (Cretzoiu 1942)
- Placopyrenium tatrense* (Vězda) Breuss [5] [UPS]
- Note: A new record for Bulgaria – see the comment on *Placidiopsis dermatocarpoides*.
- Placopyrenium trachyticum* (Hazsl.) Breuss [8, 9, 17] (Szatala 1930; Popnikolov 1931; Popnikolov & Zhelezova 1964; Pišút 1967a)
- Placynthiella uliginosa* (Schrad.) Coppins & P. James [5, 8, 14, 15, 17] (Szatala 1930; Zhelezova 1956b; Popnikolov & Zhelezova 1964) [Nat Hist Mus, SOMF]
- Placynthium filiforme* (Garov.) M. Choisy [14] (Pišút 1967a)
- Placynthium nigrum* (Huds.) Gray [1, 4, 5, 7, 8, 10, 14, 15, 17, 19, 20] (Popnikolov 1928, 1931, 1932; Suza 1929; Szatala 1929, 1930; Köfaragó-Gyelnik 1940a; Kloss 1962; Lambrev *et al.* 1962; Zhelezova 1963; Popnikolov & Zhelezova 1964) [Nat Hist Mus, SO, SOMF]
- Platismatia glauca* (L.) W.L. Culb. & C.F. Culb. [5, 8, 9, 11, 14, 15, 17] (Kazandzhiev 1900; Suza 1929; Szatala 1930; Popnikolov 1932; Zhelezova 1956b, 1960, 1963; Kloss 1962; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964; Pišút 1969) [Nat Hist Mus, SO, SOMF]
- Pleopsidium chlorophanum* (Wahlenb.) Zopf [8, 14] (Magnusson 1935-1936; Pišút 2001)
- Pleopsidium flavum* (Bellardi) Körb. [4, 5, 10, 14, 15, 17] (Kazandzhiev 1900, 1906; Suza 1929; Szatala 1929, 1930; Cretzoiu 1936: map; Magnusson 1935-1936; Popnikolov 1937b; Lambrev *et al.* 1962; Zhelezova 1963; Popnikolov & Zhelezova 1964; Hafellner 1993) [GZU, SO, SOMF]

- Pleurosticta acetabulum* (Neck.) Elix & Lumbsch [1, 2, 3, 5, 6, 7, 8, 11, 14, 16, 18] (Kazandzhiev 1900; Szatala 1929; Popnikolov 1931, 1937b; Cretzoiu 1936a; Kloss 1962; Filipova 1963; Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 1969; Litterski 1992: map; Ivanov & Ivanova 1995; Ivanov & Kovachev 2001; Radanova 2002) [Nat Hist Mus, SO]
- Polyblastia abscondita* (Nyl.) Arnold [12] (Popnikolov 1937b; Popnikolov & Zhelezova 1964)
- Polyblastia albida* Arnold [4, 12, 14] (Popnikolov 1932, 1937b; Kloss 1962)
- Polyblastia intermedia* Th. Fr. [4] (Kloss 1962)
- Polyblastia sendtneri* Kremp. [14] (Popnikolov 1932; Popnikolov & Zhelezova 1964)
- Polyblastia sepulta* A. Massal. [1] (Servít & Cretzoiu 1936; Cretzoiu 1942)
- Polychidium muscicola* (Sw.) Gray [15, 17] (Suza 1929; Szatala 1930; Popnikolov & Zhelezova 1964) [SOMF]
- Polysporina cyclocarpa* (Anzi) Vězda [14] (Kloss 1962)
- Polysporina lapponica* (Ach. ex Schaer.) Degel. [10, 17] (Cretzoiu 1936; Vězda 1968a)
- Polysporina simplex* (Davies) Vězda [5, 8, 10, 14, 17] (Szatala 1929, 1930; Popnikolov 1931; Kloss 1962; Popnikolov & Zhelezova 1964) [SO, SOMF]
- Porocyphus coccodes* (Flot.) Körb. [8] (Popnikolov 1931; Popnikolov & Zhelezova 1964) [SO]
- Porpidia albocaerulescens* (Wulfen) Hertel & Knoph [1, 5, 10, 15] (Podpěra 1911; Szatala 1929; Popnikolov 1937b; Petkov 1939b; Popnikolov & Zhelezova 1964) [SO]
- Porpidia cinereoatra* (Ach.) Hertel & Knoph [5] (Szatala 1929; Popnikolov & Zhelezova 1964)
- Porpidia crustulata* (Ach.) Hertel & Knoph [5, 14, 17] (Schwab 1986) [SO, SOMF]
- Porpidia flavocaerulescens* (Hornem.) Hertel & A.J. Schwab [15] (Podpěra 1911)
- Porpidia glaucophaea* (Körb.) Hertel & Knoph [15] (Podpěra 1911)
- Porpidia macrocarpa* (DC.) Hertel & A.J. Schwab [1, 5, 8, 14, 15, 17] (Szatala 1929, 1930; Popnikolov 1931; Popnikolov & Zhelezova 1964; Vodenicharov *et al.* 1993) [GZU, Natl Hist Mus, SOMF, UPS]
- Porpidia speirea* (Ach.) Kremp. [8, 14, 17] (Szatala 1930; Popnikolov 1931; Kloss 1962; Popnikolov & Zhelezova 1964; Hertel 1977) [SO]
- Porpidia zeoroides* (Anzi) Knoph & Hertel [8, 11] (Popnikolov 1932, 1937b)
- Protoblastenia calva* (Dicks.) Zahlbr. [1, 7, 10, 14, 20] (Suza 1929; Zhelezova 1956b, 1963; Popnikolov & Zhelezova 1964) [SOMF]
- Protoblastenia cyclospora* (Hepp ex Körb.) Poelt [14] (Ivanov 1990)
- Protoblastenia incrustans* (DC.) J. Steiner [4] (Popnikolov 1935, 1937a; Popnikolov & Zhelezova 1964)
- Protoblastenia rupestris* (Scop.) J. Steiner [7, 10, 14, 17] (Szatala 1930; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF]
- Protomicarea limosa* Ach. [8, 14, 15] (Podpěra 1911; Suza 1929; Popnikolov 1931; Petkov 1939b; Popnikolov & Zhelezova 1964) [SOMF]
- Protopannaria pezizoides* (Weber) P.M. Jørg. & S. Ekman [1, 2, 5, 7, 8, 9, 14, 15, 17, 20] (Podpěra 1911; Suza 1929; Szatala 1930; Popnikolov 1931; Köfaragó-Gyelnik 1940b; Zhelezova 1956b, 1960, 1963; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964; Pišút 1969, 2001) [Natl Hist Mus, SO, SOMF]
- Protoparmelia badia* (Hoffm.) Hafellner [8, 14, 15, 17] (Kazandzhiev 1900; Suza 1929; Szatala 1930; Popnikolov 1931, 1932; Zhelezova 1956b; Popnikolov & Zhelezova 1964) [Natl Hist Mus]
- Protoparmelia cupreobadia* (Nyl.) Poelt [17] (Poelt & Leuckert 1991)
- Protoparmelia nitens* (Pers.) Sancho & A. Crespo [8, 17] (Suza 1929; Szatala 1930; Popnikolov & Zhelezova 1964)
- Protoparmelia psarophana* (Nyl.) Sancho & A. Crespo [1] (Szatala 1929; Popnikolov & Zhelezova 1964; Vězda 1975b)
- Protoparmeliopsis laatokkaensis* (Räsänen) Moberg & R. Sant. [10] (Pišút 2001)
- Protoparmeliopsis muralis* (Schreb.) M. Choisy [1, 2, 4, 5, 6, 7, 8, 10, 11, 12, 14, 15, 16, 17] (Kazandzhiev 1900; Podpěra 1911; Suza 1929; Szatala 1929, 1930; Popnikolov 1931, 1937a, b; Cretzoiu 1936a; Petkov 1939a, 1943; Zhelezova 1956b, 1963; Kloss 1962; Filipova 1963; Popnikolov & Zhelezova 1964; Pišút 1969; Ivanov & Kovachev 2001; Radanova 2002; Gärtner & Stoyneva 2003) [Natl Hist Mus, SO, SOMF]
- Pseudephebe minuscula* (Nyl. ex Arnold) Brodo & D. Hawksw. [15] (Kloss 1962)
- Pseudephebe pubescens* (L.) M. Choisy [5, 8, 14, 15, 17] (Kazandzhiev 1900; Podpěra 1911; Suza 1929; Szatala 1930; Popnikolov 1931; Zhelezova 1956b, 1962, 1963; Popnikolov & Zhelezova 1964; Pišút 2001; Radanova 2002) [Natl Hist Mus, SOMF]
- Pseudevernia furfuracea* (L.) Zopf, s. lat. [2, 4, 5, 6, 8, 9, 12, 14, 15, 16, 17] (Kazandzhiev 1900; Podpěra 1911; Suza 1929; Szatala 1930; Popnikolov 1931, 1937b; Cretzoiu 1936a; Zhelezova 1956b, 1960, 1962; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964; Ivanov 1997; Ivanov

- & Kovachev 2001) [GZU, Natl Hist Mus, Seaward, SO, SOMF]
- Pseudevernia furfuracea* var. *ceratea* (Ach.) D. Hawksw. [8, 14, 15, 17] (Podpěra 1911; Suza 1929; Szatala 1930; Kloss 1962; Zhelezova 1963; Popnikolov & Zhelezova 1964)
- Pseudosagedia aenea* (Wallr.) Hafellner & Kalb [1] (Szatala 1929; Popnikolov & Zhelezova 1964; McCarthy 2003) [SO]
- Pseudosagedia chlorotica* (Ach.) Hafellner & Kalb [15, 17] (Suza 1929; Szatala 1930; Popnikolov & Zhelezova 1964; McCarthy 2003)
- Psilolechia lucida* (Ach.) M. Choisy [8] (Suza 1929; Popnikolov 1931; Zhelezova 1956b, 1960; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964; Vodenicharov *et al.* 1993) [Natl Hist Mus, SOMF]
- Psora decipiens* (Hedw.) Hoffm. [1, 2, 5, 7, 10, 11, 14, 16, 17, 19] (Popnikolov 1928; Suza 1929; Szatala 1929; Zhelezova 1956b, 1960, 1963; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964; Pišút 1969) [Natl Hist Mus, SOMF]
- Psora testacea* (Hoffm.) Ach. [4, 17] (Kazandzhiev 1906; Suza 1929; Szatala 1930; Popnikolov 1937a; Popnikolov & Zhelezova 1964)
- Psorinia conglomerata* (Ach.) Gotth. Schneid. [8, 14, 15] (Pišút 1969, 1986, 2001) [GZU]
- Psoroma hypnorum* (Vahl) Gray [8, 15, 17] (Popnikolov 1928; Kloss 1962; Popnikolov & Zhelezova 1964) [SOMF]
- Psorotichia schaeferi* (A. Massal.) Arnold [14, 17] (Szatala 1930; Popnikolov & Zhelezova 1964) [SO]
- Psorula rufonigra* (Tuck.) Gotth. Schneider [14] (Pišút 1969; Hertel 1970b)
- Punctelia borrieri* (Sm.) Krog [6, 17] (Szatala 1930; Cretzoiu 1936a)
- Punctelia subrudecta* (Nyl.) Krog [6, 17] (Cretzoiu 1936a; Filipova 1963; Popnikolov & Zhelezova 1964)
- Pycnora xanthococca* (Sommerf.) Hafellner [5, 14, 15] (Suza 1929; Zhelezova 1956b, 1963; Popnikolov & Zhelezova 1964) [SOMF]
- Pycnothelia papillaria* (Ehrh.) Dufour [5, 8, 14, 15, 17] (Kazandzhiev 1900; Podpěra 1911; Suza 1929; Zhelezova 1956b, 1960, 1963; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SO, SOMF]
- Pyrenula coryli* A. Massal. [15, 17] (Suza 1929; Popnikolov & Zhelezova 1964)
- Pyrenula laevigata* (Pers.) Arnold [1] (Popnikolov 1935; Popnikolov & Zhelezova 1964)
- Pyrenula nitida* (Weigel) Ach. [2, 4, 5, 14, 15, 20] (Kazandzhiev 1906; Suza 1929; Szatala 1929; Almborn 1948; Popnikolov & Zhelezova 1964; Pišút 1969) [SOMF]
- Ramalina breviscula* Nyl. [1] (Vězda 1975b)
- Ramalina calicaris* (L.) Fr. [2, 5, 8, 14, 15, 16, 17, 20] (Kazandzhiev 1900; Podpěra 1911; Cretzoiu 1936a; Kloss 1962; Lambrev *et al.* 1962; Zhelezova 1963; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF]
- Ramalina capitata* (Ach.) Nyl. [1, 5, 8, 10, 11, 14, 15, 17, 19] (Suza 1929; Szatala 1929; Popnikolov 1931, 1937b; Motyka 1960; Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 1969) [GZU, Natl Hist Mus, SOMF]
- Ramalina carpatica* Körb. [8, 15] (Podpěra 1911; Suza 1929, 1933; Popnikolov 1931; Cretzoiu 1935a; Zhelezova 1956b; Keissler 1959; Popnikolov & Zhelezova 1964) [GZU, Natl Hist Mus, SOMF]
- Ramalina euxini* Vězda [1] (Vězda 1979b)
- Ramalina farinacea* (L.) Ach. [1, 5, 8, 14, 15, 16, 17, 20] (Kazandzhiev 1900; Szatala 1930; Popnikolov 1931; Kloss 1962; Lambrev *et al.* 1962; Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 1969; Vězda 1975b) [GZU, Natl Hist Mus, SOMF]
- Ramalina fastigiata* (Pers.) Ach. [1, 2] (Kazandzhiev 1900; Szatala 1929; Zhelezova 1956b; Popnikolov & Zhelezova 1964) [Natl Hist Mus, UPS]
- Ramalina fraxinea* (L.) Ach. [2, 4, 5, 8, 9, 11, 14, 15, 16, 17] (Kazandzhiev 1900; Suza 1929; Szatala 1929, 1930; Popnikolov 1931, 1937b; Cretzoiu 1936a; Zhelezova 1956b; Motyka 1960; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964; Pišút 1969, 2001) [Natl Hist Mus, SOMF]
- Ramalina obtusata* (Arnold) Bitter [1] (Pišút 1969) [SOMF]
- Ramalina pollinaria* (Westr.) Ach. [1, 5, 8, 14, 15, 17, 18] (Kazandzhiev 1900; Suza 1929; Szatala 1929, 1930; Popnikolov 1931; Cretzoiu 1936a; Lambrev *et al.* 1962; Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 1969; Czeczuga 1989) [Natl Hist Mus, SOMF]
- Ramalina polymorpha* (Liljeblad) Ach. [1, 5, 6, 8, 10] (Kazandzhiev 1900; Popnikolov 1931, 1937b; Kloss 1962; Filipova 1963; Popnikolov & Zhelezova 1964; Pišút 2001) [GZU, Natl Hist Mus, SOMF]
- Ramalina requienii* (De Not.) Jatta [1] (Vězda 1975b; Egea 1989: map)
- Ramalina sinensis* Jatta [8] (Zhelezova 1956b) [SOMF]
- Ramalina thrausta* (Ach.) Nyl. [14, 15, 17] (Kazandzhiev 1900; Szatala 1930; Cretzoiu 1936; Ahlner 1948; Zhelezova 1956b; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964; Pišút 1969) [Natl Hist Mus]
- Rhizocarpon alpicola* (Anzi) Rabenh. [1, 4, 8, 14, 15] (Podpěra 1911; Suza 1929; Szatala 1930; Popnikolov 1931; Petkov

- 1939b; Runemark 1956; Kloss 1962; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SO, SOMF]
- Rhizocarpon badioatrum* (Flörke ex Spreng.) Th. Fr. [1, 4, 5, 8, 14, 15, 17] (Szatala 1930; Popnikolov 1931; Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 2001) [SO]
- Rhizocarpon disporum* (Nägeli ex Hepp) Müll. Arg. [4, 5, 6, 8, 17, 18] (Kazandzhiev 1900, 1906; Szatala 1929, 1930; Popnikolov 1931; Popnikolov & Zhelezova 1964) [SO]
- Rhizocarpon distinctum* Th. Fr. [5, 6, 8, 14, 15, 17] (Popnikolov 1928, 1931; Szatala 1929, 1930; Filipova 1963; Popnikolov & Zhelezova 1964; Pišút 2001) [Natl Hist Mus, SO]
- Rhizocarpon eupetraeum* (Nyl.) Arnold [14] (Kloss 1962; Popnikolov & Zhelezova 1964)
- Rhizocarpon geminatum* Körb. [5, 6, 14] (Szatala 1929; Filipova 1963; Zhelezova 1963; Pišút 1969)
- Rhizocarpon geographicum* (L.) DC., s. lat. [1, 4, 5, 6, 8, 9, 10, 11, 14, 15, 17, 18] (Kazandzhiev 1900, 1906; Podpěra 1911; Suza 1929; Szatala 1929, 1930; Popnikolov 1931, 1937b; Cretzoiu 1936a; Zhelezova 1956b; Kloss 1962; Filipova 1963; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SO, SOMF]
- Rhizocarpon geographicum* subsp. *geographicum* [4, 5, 8, 17] (Runemark 1956)
- Rhizocarpon geographicum* subsp. *lindsayanum* (Räsänen) ined. [17] (Runemark 1956)
- Rhizocarpon hochstetteri* (Körb.) Vain. [15] (Podpěra 1911; Petkov 1939b)
- Rhizocarpon lavatum* (Fr.) Hazsl. [5] (Szatala 1929)
- Rhizocarpon lecanorinum* Anders [5, 8, 15, 18] (Kazandzhiev 1906; Popnikolov & Zhelezova 1964; Radanova 2002) [Natl Hist Mus]
- Rhizocarpon lusitanicum* (Nyl.) Arnold [15] (Vězda 1967a; Poelt & Hafellner 1982)
- Rhizocarpon macrosporum* Räsänen [15] (Runemark 1956)
- Rhizocarpon petraeum* (Wulfen) A. Massal. [1, 5, 7, 8, 15, 17] (Podpěra 1911; Szatala 1929, 1930; Popnikolov 1931; Zhelezova 1956b, 1963; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SO]
- Rhizocarpon polycarpum* (Hepp) Th. Fr. [8, 17] (Popnikolov 1935; Popnikolov & Zhelezova 1964) [Seaward, SO]
- Rhizocarpon pusillum* Runemark [14] (Pišút 1986)
- Rhizocarpon reductum* Th. Fr. [5, 14] (Popnikolov & Zhelezova 1964; Pišút 1969, 2001) [Natl Hist Mus, SO]
- Rhizocarpon saanaense* Räsänen [14] (Pišút 1967a, 1969, 1986)
- Rhizocarpon umbilicatum* (Ramond) Flagey [1] (Kloss 1962; Popnikolov & Zhelezova 1964)
- Rhizocarpon viridiatrum* (Wulfen) Körb. [10, 15] (Suza 1929; Popnikolov & Zhelezova 1964; Pišút 1969)
- Rhizoplaca chrysoleuca* (Sm.) Zopf [5, 8, 15, 17] (Suza 1929; Szatala 1929, 1930; Popnikolov 1931; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF]
- Rhizoplaca melanophthalma* (Ramond) Leuckert & Poelt [8, 14, 15] (Suza 1929; Szatala 1930; Popnikolov 1931; Zhelezova 1956b; Popnikolov & Zhelezova 1964; Pišút 1969, 1986; Leuckert *et al.* 1976; Leuckert & Poelt 1978: map) [Natl Hist Mus, SO, SOMF]
- Rhizoplaca peltata* (Ramond) Leuckert & Poelt [8, 14] (Kloss 1962; Zhelezova 1963; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF]
- Rimularia gibbosa* (Ach.) Coppins, Hertel & Rambold [14] (Pišút 2001)
- Rimularia insularis* (Nyl.) Rambold & Hertel [8, 17] (Suza 1929; Szatala 1930; Popnikolov 1931; Popnikolov & Zhelezova 1964; Hertel 1970b) [SO]
- Rinodina archaea* (Ach.) Arnold [15, 17] (Popnikolov & Zhelezova 1964)
- [*Rinodina beccariana* Bagl. [1] (Vězda 1975b)]
- Note: The record of Vězda (1975b, viz. Lich. sel. exs., no. 1365 as *Rinodina subglauscens*) refers to *R. confragosa* according to Mayrhofer & Poelt (1979) and Mayrhofer (1984).
- Rinodina bischoffii* (Hepp) A. Massal. [2, 4, 6, 8, 12, 14, 17] (Szatala 1930; Popnikolov 1931, 1937a, b; Petkov 1943; Kloss 1962; Filipova 1963; Popnikolov & Zhelezova 1964; Mayrhofer 1984) [SOMF]
- Rinodina calcarea* (Arnold) Arnold [4] (Szatala 1929; Popnikolov & Zhelezova 1964)
- Rinodina capensis* Hampe [14] (Vězda 1967a; Ropin & Mayrhofer 1993; Giral & Mayrhofer 1994)
- Rinodina colobina* (Ach.) Th. Fr. [17, 18] (Suza 1929; Popnikolov & Zhelezova 1964; Vondrák 2005) [SOMF]
- Rinodina confragosa* (Ach.) Körb. [1, 8, 11] (Popnikolov 1937b; Popnikolov & Zhelezova 1964; Mayrhofer 1984) [SO]
- Rinodina conradii* Körb. [17] (Szatala 1930; Magnusson 1947; Popnikolov & Zhelezova 1964; Vězda 1968a; Pišút 2001) [UPS]
- Rinodina gennarii* Bagl. [1, 14] (Szatala 1929; Kloss 1962; Popnikolov & Zhelezova 1964; Vězda 1975b; Mayrhofer 1984) [SO]
- Rinodina immersa* (Körb.) Zahlbr. [4, 5, 7, 12, 17] (Kazandzhiev 1900; Szatala 1929, 1930; Popnikolov 1937a, b; Popnikolov & Zhelezova 1964) [SO]
- Rinodina lecanorina* (A. Massal.) A. Massal. [14] (Pišút 1969; Mayrhofer *et al.* 1990)
- Rinodina luridescens* (Anzi) Arnold [1] (Vězda 1978c; Mayrhofer & Poelt 1979; Hecklau *et al.* 1981; Mayrhofer 1984)
- Rinodina milvina* (Wahlenb.) Th. Fr. [5, 8, 14, 15, 17] (Suza 1929; Szatala 1929, 1930; Popnikolov 1931; Popnikolov & Zhelezova 1964; Mayrhofer 1984) [Natl Hist Mus, SOMF]
- Note: The record of Mayrhofer & Poelt (1979) refers to *Rinodina obnascens*.
- Rinodina mniaraea* (Ach.) Körb. var. *mniaraea* [14] [BRA, SOME, STU]
- Note: A new record for Bulgaria – in saxosis graniticis, Montes Pirin, prope lacum Rudno Ezero, alt. ca 2400 m, 14 Jul 1967, A. Vězda.

- Rinodina obnascens* (Nyl.) H. Olivier [14] [GZU]
Note: A new record for Bulgaria – Pirin merid., supra Sandanski, in valle fl. Sandanska Bistrizta, 400 m, on *Aspicilia* sp., 28 May 1968, A. Vězda. The specimen has been wrongly cited under *Rinodina milvina* (see the note above) by Mayrhofer & Poelt (1979).
- Rinodina oxydata* (A. Massal.) A. Massal. [1, 5] (Szatala 1929; Popnikolov & Zhelezova 1964)
- Rinodina pyrina* (Ach.) Arnold [1, 4, 8, 17] (Szatala 1929, 1930; Magnusson 1947; Popnikolov & Zhelezova 1964; Giralt & Mayrhofer 1995; Ivanov & Ivanova 1995) [Seaward, SOMF]
- Rinodina sophodes* (Ach.) A. Massal. [2, 6, 8, 14, 15, 17] (Szatala 1929, 1930; Popnikolov 1931; Magnusson 1947; Popnikolov & Zhelezova 1964; Ivanov 1998; Ivanov & Kovachev 2001; Pišút 2001) [SOMF]
- Rinodina trachytica* (A. Massal.) Bagl. & Carestia [10, 17] (Szatala 1930; Popnikolov & Zhelezova 1964; Mayrhofer & Leuckert 1985; Mayrhofer *et al.* 1992) [BRA]
- Rinodina turfacea* (Wahlenb.) Th. Fr. [5, 14, 15] (Zhelezova 1956b, 1962; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF]
- Rinodinella controversa* (A. Massal.) H. Mayrhofer & Poelt [4, 7, 8, 17] (Suza 1929; Szatala 1930; Popnikolov 1931, 1935, 1937a; Popnikolov & Zhelezova 1964) [SO]
- Roccella phycopsis* Ach. [1] (Cretzoiu 1936c, 1938b, 1940b; Zhelezova 1956b, 1963; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964; Vězda 1975a) [UPS]
- Sarcogyne clavus* (DC.) Kremp. [9] (Pišút 1969, 1995)
- Sarcogyne privigna* (Ach.) A. Massal. [17] (Magnusson 1935-1936: 81)
- Sarcogyne regularis* Körb. [1, 4, 5, 7, 8, 14, 17, 19] (Kazandzhiev 1906; Szatala 1930; Popnikolov 1931, 1937a; Zhelezova 1956b, 1963; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SO, SOMF]
- Schaereria fuscocinerea* (Nyl.) Clauzade & Cl. Roux [5, 8, 15, 17] (Suza 1929; Szatala 1929, 1930; Popnikolov 1931; Popnikolov & Zhelezova 1964) [SO]
- Scoliciosporum chlorococcum* (Graewe ex Stenh.) Vězda [14] (Pišút 1967a)
- Scoliciosporum umbrinum* (Ach.) Arnold [5, 6, 8] (Szatala 1929; Popnikolov 1931; Popnikolov & Zhelezova 1964; Ivanov & Kovachev 2001) [SO]
- Solenopsora caliacrae* Cretz. [1] (Cretzoiu 1940c)
- Solenopsora candicans* (Dicks.) J. Steiner [1, 4] (Petkov 1943) [GZU]
- Solorina bispora* Nyl. [5, 14] (Popnikolov 1928; Popnikolov & Zhelezova 1964; Pišút 1986; Vodenicharov *et al.* 1993) [Natl Hist Mus]
- Solorina crocea* (L.) Ach. [14, 15, 17] (Kazandzhiev 1900, 1906; Podpěra 1911; Suza 1929; Zhelezova 1956b; Popnikolov & Zhelezova 1964; Pišút 1969) [Natl Hist Mus, SOMF]
- Solorina saccata* (L.) Ach. [5, 7, 10, 14, 17, 18] (Suza 1929; Szatala 1930; Cretzoiu 1936a; Zhelezova 1956b, 1960, 1963; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964; Pišút 1969; Czeczuga 1989; Radanova 2002) [Natl Hist Mus, SOMF]
- Solorina spongiosa* (Ach.) Anzi [14] (Ivanov 1990)
- Sphaerophorus fragilis* (L.) Pers. [4, 15] (Popnikolov 1935; Zhelezova 1960; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF]
- Sphaerophorus globosus* (Huds.) Vain. [8] (Popnikolov 1931; Popnikolov & Zhelezova 1964; Vodenicharov *et al.* 1993)
- Spilonema paradoxum* Bornet [14, 17] (Szatala 1930; Popnikolov & Zhelezova 1964; Pišút 1969)
- Spilonema revertens* Nyl. [20] (Vězda 1975b)
- Sporastatia polyspora* (Nyl.) Grummann [8, 14] (Popnikolov 1931; Magnusson 1935-1936; Kloss 1962; Zhelezova 1963; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SO]
- Sporastatia testudinea* (Ach.) A. Massal. [8, 14, 15] (Kazandzhiev 1900, 1906; Suza 1929; Szatala 1930; Popnikolov 1931; Zhelezova 1956b; Kloss 1962; Popnikolov & Zhelezova 1964; Pišút 1969, 2001) [GZU, Natl Hist Mus, SO]
- Squamarina cartilaginea* (With.) P. James [1, 2, 4, 5, 7, 8, 9, 10, 14, 17, 19, 20] (Kazandzhiev 1900; Suza 1929, 1933; Szatala 1930; Popnikolov 1931; Zhelezova 1956b, 1960, 1963; Kloss 1962; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964; Pišút 1969; Poelt & Krüger 1970: map) [Natl Hist Mus, SO, SOMF]
- Squamarina concrescens* (Müll. Arg.) Poelt [14] (Pišút 2001)
- Squamarina gypsacea* (Sm.) Poelt [4, 5, 10, 14, 17, 20] (Suza 1929, 1933; Szatala 1929, 1930; Popnikolov 1935, 1937a; Kloss 1962; Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 1967b, 1986; Poelt & Krüger 1970: map) [SO]
- Squamarina lentigera* (Weber) Poelt [12, 17] (Suza 1929; Popnikolov 1937b; Popnikolov & Zhelezova 1964; Poelt & Krüger 1970: map) [SOMF]
- Staurothele areolata* (Ach.) Lettau [14] (Popnikolov 1932; Popnikolov & Zhelezova 1964)
- Staurothele bacilligera* (Arnold) Arnold [14] (Popnikolov 1932; Popnikolov & Zhelezova 1964; Vodenicharov *et al.* 1993)
- Staurothele caesia* (Arnold) Arnold [4, 5] (Popnikolov 1935, 1937a; Popnikolov & Zhelezova 1964)

- Staurothele clopimoides* (Arnold) J. Steiner [5, 14, 15, 17] (Szatala 1929, 1930; Popnikolov & Zhelezova 1964)
- Staurothele fissa* (Taylor) Zwackh [14, 15, 17] (Szatala 1930; Popnikolov & Zhelezova 1964; Pišút 2001)
- Staurothele frustulenta* Vain. [5, 8, 10, 17] (Szatala 1929, 1930; Popnikolov 1931; Popnikolov & Zhelezova 1964)
- Staurothele rupifraga* (A. Massal.) Arnold [4] (Szatala 1929; Popnikolov & Zhelezova 1964)
- Stereocaulon alpinum* Laurer [8, 14, 15, 17] (Podpěra 1911; Suza 1929; Szatala 1930; Zhelezova 1956b; Popnikolov & Zhelezova 1964; Lamb 1977; Pišút 2001) [GZU, Natl Hist Mus, SOMF]
- Stereocaulon paschale* (L.) Hoffm. [8, 14, 15, 17] (Kazandzhiev 1900; Popnikolov 1931; Lambrev *et al.* 1962; Zhelezova 1963; Popnikolov & Zhelezova 1964; Lamb 1977; Yurukova *et al.* 1997) [Natl Hist Mus, SOMF]
- Stereocaulon saxatile* H. Magn. [14] (Pišút 1969)
- Stereocaulon tomentosum* Fr. [5, 8] (Kazandzhiev 1900; Popnikolov 1931; Popnikolov & Zhelezova 1964; Lamb 1977)
- Sticta sylvatica* (Huds.) Ach. [5, 8, 14, 15] (Kazandzhiev 1900; Suza 1929; Popnikolov 1931; Degelius 1935; Popnikolov & Zhelezova 1964; Vězda 1968b; Pišút 1969; Vodenicharov *et al.* 1993)
- Synalissa symphorea* (Ach.) Nyl. [4, 7, 17] (Kazandzhiev 1906; Suza 1929; Szatala 1929, 1930; Popnikolov & Zhelezova 1964) [SO, UPS]
- Teloschistes chrysophthalmus* (L.) Th. Fr. [1] (Zhelezova 1956b; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964) [SOMF]
- Tephromela atra* (Huds.) Hafellner [1, 2, 4, 5, 6, 8, 10, 11, 14, 15, 16, 17, 18, 19] (Kazandzhiev 1900; Suza 1929; Szatala 1930; Popnikolov 1931, 1937b; Filipova 1963; Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 1969) [Natl Hist Mus, SO, SOMF]
- Thamnotia vermicularis* (Sw.) Schaer. var. *vermicularis* [5, 14, 15, 17] (Kazandzhiev 1900; Podpěra 1911; Suza 1929; Zhelezova 1956b, 1960, 1962; Kloss 1962; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF]
- Thamnotia vermicularis* var. *subuliformis* (Ehrh.) Schaer. [14] (Pišút 1969)
- Thelenella modesta* (Nyl.) Nyl. [1] (Popnikolov 1935; Popnikolov & Zhelezova 1964; Vodenicharov *et al.* 1993)
- Thelidium acrotellum* Arnold [4] (Popnikolov & Zhelezova 1964)
- Thelidium decipiens* (Nyl.) Kremp. [12, 14] (Popnikolov 1932, 1937b; Popnikolov & Zhelezova 1964)
- Thelidium incavatum* Mudd [14] (Popnikolov 1932; Popnikolov & Zhelezova 1964)
- Thelidium minutulum* Körb. [4] (Popnikolov 1935, 1937a; Kloss 1962)
- Thelidium papulare* (Fr.) Arnold [14] (Popnikolov 1932; Popnikolov & Zhelezova 1964)
- Thelidium pyrenophorum* (Ach.) Mudd [14] (Popnikolov 1932; Popnikolov & Zhelezova 1964)
- Thelopsis isiaca* Stizenb. [1] (Vězda 1978a)
- Thelotrema lepadinum* (Ach.) Ach. [14] (Pišút 1969)
- Thrombium epigaicum* (Pers.) Wallr. [15] (Zhelezova 1963; Popnikolov & Zhelezova 1964) [Natl Hist Mus]
- Thyrea confusa* Henssen [4, 5, 8, 14, 17, 18] (Szatala 1929, 1930; Popnikolov 1931; Popnikolov & Zhelezova 1964; Pišút 1967a; Vodenicharov *et al.* 1993) [SO]
- Toninia albilabra* (Dufour) H. Olivier (Barreno 1991: map)
- Toninia aromatica* (Sm.) A. Massal. [1, 2] (Vězda 1971b; Timdal 1991)
- Toninia athallina* (Hepp) Timdal [12, 17] (Szatala 1930; Popnikolov 1937b; Popnikolov & Zhelezova 1964; Kiliias 1981; Timdal 1991) [SO]
- Toninia candida* (Weber) Th. Fr. [2, 3, 4, 5, 7, 8, 10, 14, 16, 17, 18] (Kazandzhiev 1900, 1906; Szatala 1929, 1930; Popnikolov 1931, 1937a; Zhelezova 1956b, 1960, 1963; Kloss 1962; Popnikolov & Zhelezova 1964; Pišút 1969; Timdal 1991) [Natl Hist Mus, SO, SOMF]
- Toninia cinereovirens* (Schaer.) A. Massal. [1, 2, 4, 7, 8, 9, 17] (Popnikolov 1928, 1931; Szatala 1929, 1930; Popnikolov & Zhelezova 1964; Pišút 1967a; Timdal 1991) [GZU, Natl Hist Mus, SO]
- Toninia imbricata* (Mont.) Körb. [7] (Suza 1929)
- Toninia opuntioides* (Vill.) Timdal [1, 8] (Timdal 1991)
- Toninia rosulata* (Anzi) H. Olivier [14] (Kloss 1962; Pišút 2001)
- Toninia sedifolia* (Scop.) Timdal [1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 14, 17, 18, 19, 20] (Kazandzhiev 1900, 1906; Suza 1929; Szatala 1929, 1930; Popnikolov 1931, 1935, 1937b; Zhelezova 1956b, 1960, 1963; Kloss 1962; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964; Pišút 1969; Timdal 1991) [Natl Hist Mus, SOMF]
- Toninia squalida* (Ach.) A. Massal. [6, 10, 14, 15, 17] (Szatala 1930; Popnikolov & Zhelezova 1964; Pišút 1986; Timdal 1991)
- Toninia tristis* (Th. Fr.) Th. Fr. [6, 14, 15, 17] (Suza 1929, 1933; Popnikolov & Zhelezova 1964; Pišút 1967a, 2001) [Natl Hist Mus, SO]
- Toninia tumidula* (Sm.) Zahlbr. [1] (Popnikolov 1928; Popnikolov & Zhelezova 1964) [SO]

- Trapelia coarctata* (Sm.) M. Choisy [8] (Popnikolov 1931; Popnikolov & Zhelezova 1964; Hertel 1970a: map) [SOMF]
- Trapeliopsis granulosa* (Hoffm.) Lumbsch [14, 15] (Popnikolov 1928; Zhelezova 1956b; Popnikolov & Zhelezova 1964) [Natl Hist Mus]
- Trapeliopsis wallrothii* (Flörke ex Spreng.) Hertel & Gotth. Schneid. [10] (Pišút 2001)
- Tremolecia atrata* (Ach.) Hertel [8, 5, 14, 15] (Suza 1929; Popnikolov 1931; Popnikolov & Zhelezova 1964; Pišút 1986; Radanova 2002)
- Tuckermanopsis chlorophylla* (Willd.) Hale [17] [Natl Hist Mus]
Note: A new record for Bulgaria – Mts Rhodopes, Jundola, Lokvata, 1370 m, on *Pinus*, Jul 1958, B. Zhelezova; Mts Rhodopes, Jundola, 1250 m, on *Picea*, 7 Jun 1956, B. Zhelezova; Mts Rhodopes, along Rovno camp, 1200 m, on *Picea*, 4 Sep 1955, B. Zhelezova.
- Umbilicaria crustulosa* (Ach.) Frey [4, 8, 14, 15, 17] (Podpěra 1911; Suza 1929; Szatala 1930; Frey 1936: map; Zhelezova 1956b, 1963; Popnikolov & Zhelezova 1964; Pišút 1986) [GZU, Natl Hist Mus, Seaward, SO, SOMF]
- Umbilicaria cylindrica* (L.) Delise ex Duby [5, 8, 11, 14, 15, 17] (Kazandzhiev 1900; Podpěra 1911; Suza 1929; Szatala 1930; Popnikolov 1931, 1937b; Cretzoiu 1936a; Petkov 1939b; Zhelezova 1956b, 1963; Kloss 1962; Popnikolov & Zhelezova 1964; Pišút 1986) [GZU, Natl Hist Mus, SO, SOMF]
- Umbilicaria decussata* (Vill.) Zahlbr. [8, 14, 15] (Suza 1929; Popnikolov 1931; Zhelezova 1956b; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964; Pišút 2001) [Natl Hist Mus, SO, SOMF]
- Umbilicaria deusta* (L.) Baumg. [5, 8, 14, 15, 17] (Kazandzhiev 1900; Podpěra 1911; Suza 1929; Szatala 1930; Popnikolov 1931; Petkov 1939b; Kloss 1962; Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 2001) [Natl Hist Mus, SO, SOMF]
- Umbilicaria grisea* Hoffm. [8, 10, 14] (Popnikolov 1931; Popnikolov & Zhelezova 1964; Pišút 1967a, 1986) [SO]
- Umbilicaria hirsuta* (Sw. ex Westr.) Hoffm. [5, 8, 17, 18] (Kazandzhiev 1900; Suza 1929; Szatala 1930; Popnikolov 1931; Frey 1936: map; Popnikolov & Zhelezova 1964) [SO]
- Umbilicaria leiocarpa* DC. [14] (Pišút 1986)
- Umbilicaria microphylla* (Laurer) A. Massal. [14, 15] (Suza 1929; Frey 1936: map; Popnikolov & Zhelezova 1964; Pišút 1986)
- Umbilicaria polyphylla* (L.) Baumg. [5, 8, 15, 17] (Suza 1929; Szatala 1929, 1930; Popnikolov 1931; Popnikolov & Zhelezova 1964) [SO]
- Umbilicaria proboscidea* (L.) Schrad. [8, 14, 15] (Kazandzhiev 1900; Suza 1929; Popnikolov 1931; Kloss 1962; Popnikolov & Zhelezova 1964; Ivanov 1990)
- Umbilicaria spodothroa* (Hoffm.) DC. [1, 4, 5, 8, 15, 17] (Podpěra 1911; Zhelezova 1963; Popnikolov & Zhelezova 1964; Vězda 1978b) [GZU, SOMF]
- Umbilicaria subglabra* (Nyl.) Harm. [8, 14] (Suza 1929; Popnikolov 1931; Pišút 1986) [SO, SOMF]
- Umbilicaria torrefacta* (Lightf.) Schrad. [8] (Cretzoiu 1936a; Popnikolov & Zhelezova 1964)
- Umbilicaria vellea* (L.) Hoffm. [1, 4, 5, 8, 14, 15, 17] (Kazandzhiev 1900; Suza 1929; Szatala 1930; Popnikolov 1931; Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 1986) [Seaward, SO, SOMF]
- Usnea anatolica* Motyka [15, 17] (Lambrev *et al.* 1962; Motyka & Zhelezova 1962) [Natl Hist Mus]
- Usnea bithynica* Motyka [14, 17] (Motyka & Zhelezova 1962) [Natl Hist Mus]
- Usnea capillaris* Motyka [5, 14, 15, 17, 20] (Motyka & Zhelezova 1962) [Natl Hist Mus, SOMF]
- Usnea cavernosa* Tuck. [8, 14, 15, 17] (Popnikolov 1932; Kloss 1962; Lambrev *et al.* 1962; Motyka & Zhelezova 1962; Popnikolov & Zhelezova 1964) [Natl Hist Mus, Seaward, SOMF]
- Usnea ceratina* Ach. [5, 15, 16, 17] (Podpěra 1911; Cretzoiu 1936a; Motyka & Zhelezova 1962)
Note: For the record of *U. ceratina* f. *annulata* de Lesd. (Szatala 1929), see the comment on *Usnea pinkertonii*.
- Usnea chaetophora* Stirt. [14, 15] (Motyka & Zhelezova 1962) [Natl Hist Mus]
- Usnea czeczottiae* Motyka [8, 11, 14, 17] (Motyka 1938; Kloss 1962; Lambrev *et al.* 1962; Motyka & Zhelezova 1962; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF]
- Usnea diplotypus* Vain. [17] (Motyka & Zhelezova 1962)
- Usnea filipendula* Stirt. [5, 6, 8, 9, 11, 12, 14, 15, 16, 17, 20] (Kazandzhiev 1900; Podpěra 1911; Popnikolov 1931, 1937b; Kloss 1962; Lambrev *et al.* 1962; Motyka & Zhelezova 1962; Popnikolov & Zhelezova 1964) [Natl Hist Mus, Seaward, SOMF]
- Usnea florida* (L.) F.H. Wigg. em Clerc [5, 8, 14, 15, 16, 17] (Kazandzhiev 1900; Popnikolov 1931; Cretzoiu 1936a; Lambrev *et al.* 1962; Motyka & Zhelezova 1962; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF]
- Usnea fulvoreagens* (Räsänen) Räsänen [1, 5, 8, 15, 17] (Motyka 1938; Motyka & Zhelezova 1962) [Natl Hist Mus]
- Usnea glabrata* (Ach.) Vain. [15] (Motyka & Zhelezova 1962) [Natl Hist Mus]
- Usnea glabrescens* (Vain.) Vain. [8, 15, 17] (Motyka & Zhelezova 1962) [Natl Hist Mus, SOMF]
- Usnea hirta* (L.) Weber ex F.H. Wigg. [5, 8, 11, 15, 17] (Kazandzhiev 1900; Szatala 1929; Popnikolov 1931, 1937b; Lambrev *et al.* 1962; Motyka & Zhelezova 1962;

- Popnikolov & Zhelezova 1964; Bystrek 1994b) [Natl Hist Mus, Seaward, SOMF]
- Usnea intermedia* (A. Massal.) Jatta [5, 6, 8, 14, 15, 17] (Lambrev *et al.* 1962; Motyka & Zhelezova 1962; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF]
- Usnea lapponica* Vain. [5, 8, 9, 11, 14, 15, 16, 17] (Motyka 1938; Keissler 1960; Motyka & Zhelezova 1962; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF]
- Usnea longissima* Ach. [5, 15] (Cretzoiu 1936a; Lambrev *et al.* 1962; Motyka & Zhelezova 1962; Popnikolov & Zhelezova 1964; Vodenicharov *et al.* 1993)
- Usnea pinkertonii* Stirt. [5] (Motyka 1938; Motyka & Zhelezova 1962)
- Note: According to Motyka & Zhelezova (1962: 75), this species has been collected and reported in Bulgaria only once. This record by Motyka (1938) is based on a specimen which had been misidentified and published as *U. ceratina* Ach. f. *annulata* de Lesd. (Szatala 1929).
- Usnea räsänenii* Bystrek [17] (Bystrek 1994a)
- Usnea reticulata* Vain. [5, 8, 17] (Motyka & Zhelezova 1962) [Natl Hist Mus, SOMF]
- Usnea scabrata* Nyl. [5, 8, 9, 11, 12, 14, 15, 16, 17] (Kazandzhiev 1900; Suza 1929; Popnikolov 1931; Motyka 1938; Keissler 1959; Kloss 1962; Lambrev *et al.* 1962; Motyka & Zhelezova 1962; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF]
- Usnea subfloridana* Stirt. [5, 6, 8, 15, 17, 19] (Motyka & Zhelezova 1962; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF]
- Usnea substerilis* Motyka [8, 15, 17] (Motyka 1938; Keissler 1960; Motyka & Zhelezova 1962) [Natl Hist Mus, SOMF]
- Usnea wasmuthii* Räsänen [8] (Motyka & Zhelezova 1962)
- Verrucaria acrotella* Ach. [12, 17] (Szatala 1930; Popnikolov 1937b; Popnikolov & Zhelezova 1964)
- Verrucaria aethiobola* Wahlenb. [5, 15, 17] (Szatala 1929, 1930; Vodenicharov 1962; Popnikolov & Zhelezova 1964)
- Verrucaria amylacea* Arnold [7] (Cretzoiu 1936a)
- Verrucaria balcicensis* Servít [1] (Servít 1948)
- Verrucaria boblensis* Servít [2] (Servít 1947)
- Verrucaria bulgarica* Szatala [17] (Szatala 1930; Popnikolov & Zhelezova 1964)
- Verrucaria caerulea* DC. [1, 2, 4, 5, 7] (Kazandzhiev 1900, 1906; Petkov 1929; Popnikolov 1935; Popnikolov & Zhelezova 1964) [GZU, SO]
- Verrucaria calciseda* auct. [1, 2, 4, 5, 7, 8, 12, 14, 17] (Suza 1929; Popnikolov 1931, 1937a, b; Servít & Cretzoiu 1936; Cretzoiu 1942; Kloss 1962; Zhelezova 1963; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SO]
- Verrucaria caliacrensis* Servít [1] (Servít 1950b)
- Verrucaria cyanea* A. Massal. [14] (Popnikolov 1932; Popnikolov & Zhelezova 1964)
- Verrucaria dobrogensis* Cretz. [1] (Cretzoiu 1940a, b; Erichsen 1940b; Servít 1950a)
- Verrucaria dufourii* DC. [14, 12, 17] (Szatala 1930; Popnikolov 1932, 1937b; Popnikolov & Zhelezova 1964)
- Verrucaria elaeomelaena* (A. Massal.) Anzi [5, 17] (Szatala 1929, 1930; Popnikolov & Zhelezova 1964)
- Verrucaria foveolata* (Flörke) A. Massal. [1, 4, 8] (Popnikolov 1931; Servít & Cretzoiu 1936; Cretzoiu 1942; (?) Kloss 1962; Popnikolov & Zhelezova 1964)
- Verrucaria fuscella* (Turner) Winch [1, 7, 17] (Suza 1929; Szatala 1930; Cretzoiu 1942; Popnikolov & Zhelezova 1964) [GZU]
- Verrucaria glaucina* auct. [?1, 5, 17] (Szatala 1929, 1930; Servít & Cretzoiu 1936; Popnikolov & Zhelezova 1964)
- Verrucaria glaucovirens* Grummann [17] (Szatala 1930; Popnikolov & Zhelezova 1964)
- Verrucaria hochstetteri* Fr. [8, 17] (Szatala 1930; Popnikolov 1931; Popnikolov & Zhelezova 1964) [SO]
- Verrucaria klementii* Servít [1] (Servít 1948)
- Verrucaria lecideoides* (A. Massal.) Trevis [1, 4, 7, 8, 17] (Suza 1929; Servít & Cretzoiu 1936a; Popnikolov 1937; Cretzoiu 1942; Servít 1946; Popnikolov & Zhelezova 1964) [SO]
- Verrucaria lettaui* Servít [1] (Zhelezova 1963)
- Verrucaria macrostoma* Dufour ex DC. [1] (Cretzoiu 1935b, 1942; Servít & Cretzoiu 1936)
- Verrucaria margacea* (Wahlenb.) Wahlenb. [14, 15] (Szatala 1930; Pišút 2001; Popnikolov & Zhelezova 1964)
- Verrucaria marmorea* (Scop.) Arnold [1, 2, 3, 4, 5, 7, 19] (Kazandzhiev 1900, 1906; Petkov 1929, 1939a, 1943; Suza 1929; Szatala 1929; Popnikolov 1937a; Zhelezova 1963; Popnikolov & Zhelezova 1964) [SO]
- Verrucaria maura* Wahlenb. [1] (Szatala 1929; Zhelezova 1963; Popnikolov & Zhelezova 1964)
- Verrucaria minuta* (Hepp) Zschacke [1, 4, 8] (Popnikolov 1932; Cretzoiu 1935b, 1942; Popnikolov & Zhelezova 1964) [SO]
- Verrucaria muralis* Ach. [2, 8, 17] (Szatala 1930; Popnikolov 1931; Servít & Cretzoiu 1936; Popnikolov & Zhelezova 1964) [SO]
- Verrucaria nigrescens* Pers. [1, 2, 4, 5, 7, 8, 14, 17, 19] (Kazandzhiev 1906; Suza 1929; Szatala 1929, 1930; Popnikolov 1931, 1937a; Servít & Cretzoiu 1936; Cretzoiu 1940, 1942; Zhelezova 1956b, 1963; Kloss 1962; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SO, SOMF]
- Verrucaria obscurella* Servít [1] (Servít 1952)
- Verrucaria pachyderma* (Arnold) Arnold [14] (Zhelezova 1956b) [Natl Hist Mus]
- Verrucaria saprophila* (A. Massal.) Trevis. [1] (Servít & Cretzoiu 1936; Cretzoiu 1942)
- Verrucaria sphaerospora* Anzi [1, 17] (Szatala 1930; Servít & Cretzoiu 1936; Cretzoiu 1942)
- Verrucaria subfuscillum* Nyl. [1] (Cretzoiu 1942)
- Verrucaria submersella* Servít [15] (Popnikolov & Zhelezova 1964)

Vulpicida pinastri (Scop.) J.-E. Mattsson & M.J. Lai [8, 14, 15, 17] (Kazandzhiev 1900; Suza 1929; Szatala 1930; Popnikolov 1931; Cretzoiu 1936a; Zhelezova 1960, 1963; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964; Pišút 1969; Mattsson 1993: map) [Natl Hist Mus, SO, SOMF, UPS]

Xanthoparmelia conspersa (Ach.) Hale [1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 14, 15, 16, 17, 18] (Kazandzhiev 1900; Podpěra 1911; Suza 1929; Szatala 1930; Popnikolov 1931, 1937b; Cretzoiu 1936a; Zhelezova 1962; Filipova 1963; Popnikolov & Zhelezova 1964; Czezug 1989) [Natl Hist Mus, SO, SOMF]

Xanthoparmelia somloensis (Gyeln.) Hale [1, 2, 5, 8, 14, 15, 17] (Suza 1929; Szatala 1929, 1930; Popnikolov 1931; Cretzoiu 1936a; Köfarago-Gyelnik 1938; Zhelezova 1956b, 1962; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964; Pišút 1969) [Natl Hist Mus, SO, SOMF]

Xanthoparmelia sublaevis (Cout.) Hale [15, 16] (Podpěra 1911; Szatala 1930; Popnikolov & Zhelezova 1964)

Xanthoparmelia tinctina (Maheu & A. Gillet) Hale [14] (Pišút 1967a; Vězda 1968b)

Xanthoria calcicola Oxner [1, 2, 4, 7, 10, 19] (Szatala 1929; Cretzoiu 1938c, 1940b; Kloss 1962; Zhelezova 1963; Popnikolov & Zhelezova 1964; Pišút 1967a, 1969) [GZU, Natl Hist Mus, SOMF]

Xanthoria candelaria (L.) Th. Fr. [5, 6, 8, 15] (Kazandzhiev 1900; Suza 1929; Szatala 1930; Popnikolov 1931; Popnikolov & Zhelezova 1964; Ivanov & Kovachev 2001)

Xanthoria contortuplicata (Ach.) Boistel [14] (Kloss 1962; Zhelezova 1962; Popnikolov & Zhelezova 1964; Poelt & Wirth 1968; Vězda 1970) [Natl Hist Mus]

Xanthoria elegans (Link) Th. Fr. [1, 2, 4, 5, 6, 7, 8, 10, 14, 15, 17] (Kazandzhiev 1900; Suza 1929; Szatala 1929, 1930; Popnikolov 1931, 1937a; Cretzoiu 1936a; Zhelezova 1956b, 1962; Kloss 1962; Lambrev *et al.* 1962; Popnikolov & Zhelezova 1964; Pišút 1969) [Natl Hist Mus, SO, SOMF]

Xanthoria fallax (Hepp) Arnold [5, 6, 7, 8, 15, 17] (Suza 1929; Popnikolov 1931; Zhelezova 1956b, 1963; Filipova 1963; Popnikolov & Zhelezova 1964) [Natl Hist Mus, SOMF]

Xanthoria fulva (Hoffm.) Poelt & Petutschnig [5, 15] (Suza 1929; Szatala 1929)

Xanthoria mediterranea Giralt, Nimis & Poelt [1] (Vězda 1971b) [GZU]

Xanthoria papillifera (Vain.) Poelt [18] (Czezug 1989)

Xanthoria parietina (L.) Th. Fr. [1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 15, 16, 17, 18] (Kazandzhiev 1900; Podpěra 1911; Petkov 1929, 1939a, 1943; Suza 1929; Szatala 1929, 1930; Popnikolov 1931, 1937a, b; Cretzoiu 1936a; Zhelezova 1956b; Kloss 1962; Lambrev *et al.* 1962; Filipova 1963;

Popnikolov & Zhelezova 1964; Pišút 1969; Damyanova & Velkov 1981; Czezug 1989; Ivanov & Ivanova 1995; Ivanov 1998; Ivanov & Kovachev 2001; Radanova 2002) [Natl Hist Mus, SOMF]

Xanthoria polycarpa (Hoffm.) Th. Fr. ex Rieber [8, 15, 17] (Suza 1929; Szatala 1930; Popnikolov 1931; Zhelezova 1963; Popnikolov & Zhelezova 1964) [Natl Hist Mus, Seaward, SOMF]

Xanthoria soreliata (Vain.) Poelt [14] (Pišút 2001)

Xylographa minutula Körb. [15, 17] (Szatala 1930; Popnikolov & Zhelezova 1964)

Xylographa parallela (Ach.: Fr.) Fr. [5, 14, 15, 17] (Suza 1929; Szatala 1930; Redinger 1937-1938; Zhelezova 1956b, 1963; Popnikolov & Zhelezova 1964; Pišút 2001) [Natl Hist Mus, SO, SOMF]

Xylographa rufa (Pers.) Fr. [17] (Szatala 1930) [UPS]

Xylographa vitiligo (Ach.) J.R. Laundon [17] (Popnikolov & Zhelezova 1964)

Lichenicolous fungi

Abrothallus parmeliarum (Sommerf.) Arnold [14] (Vězda 1983) [GZU, UPS]

Arthonia diploiciae Calatayud & Diederich [1] (Hafellner 1995) [GZU]

Arthonia varians (Davies) Nyl. [8, 10, 11] (Popnikolov 1931, 1937b) [SO]

Endococcus perpusillus Nyl. [8] (Popnikolov 1931) [SO]

Endococcus propinquus (Körb.) D. Hawksw. [8] (Popnikolov 1931)

Muellerella lichenicola (Sommerf. : Fr.) D. Hawksw. [8, 12] (Popnikolov 1931, 1937b) [SO]

Phacopsis vulpina Tul. [14] (Hafellner 1987)

Polycoccum marmoratum (Kremp.) D. Hawksw. [5, 12] (Szatala 1929; Popnikolov 1937b; Popnikolov & Zhelezova 1964)

Sphinctrina turbinata (Pers. : Fr.) De Not. [10] (Popnikolov 1937b; Popnikolov & Zhelezova 1964)

Non lichenized fungi

(fungi traditionally included in the lichenological literature)

Blastodesmia nitida A. Massal. [14, 17] (Suza 1929; Popnikolov & Zhelezova 1964; Pišút 1967a)

Didymella punctiformis (Masse) Vain. f. *acerina* (Hepp) Vain. [5, 8, 15, 17] (Szatala 1929, 1930; Popnikolov 1931)

Didymosphaeria micula (Flot.) Vain. [8, 15] (Szatala 1930; Popnikolov 1931)

Leptorhaphis atomaria (Ach.) Szatala [1] (Szatala 1929; Popnikolov & Zhelezova 1964; Ivanov & Ivanova 1995)

Leptorhaphis epidermidis (Ach.) Th. Fr. [8, 17] (Szatala 1930; Popnikolov & Zhelezova 1964) [Natl Hist Mus]
Leptorhaphis psilotera (Nyl.) Arnold [15] (Szatala 1930)
Lichenothelia scopularia (Nyl.) D. Hawksw. [5] (Szatala 1929; Popnikolov & Zhelezova 1964)
Mycocalicium subtile (Pers.) Szatala [17] (Szatala 1930; Popnikolov & Zhelezova 1964)
Mycoglaena betularia (Nyl.) Vain. [15] (Szatala 1930)
Mycoglaena kummerlei (Szatala) Szatala [6, 8] (Popnikolov 1931; Filipova 1963)
Mycocomicrothelia confluens (Müll. Arg.) D. Hawksw. [1] (Cretzoiu 1935b, 1942)
Phaeocalicium compressulum (Nyl. ex Vain.) A.F.W. Schmidt [15] (Szatala 1930; Popnikolov & Zhelezova 1964)
Stenocybe pullatula (Ach.) Stein [15] (Suza 1929; Popnikolov & Zhelezova 1964; Vodenicharov *et al.* 1993)
Tomasellia arthonioides (A. Massal.) A. Massal. [8, 17] (Suza 1929; Szatala 1929; Popnikolov 1931; Popnikolov & Zhelezova 1964)

List of synonyms

Lichenized fungi

Acarospora cervina f. *leucospora* A. Massal. = *Acarospora cervina* var. *cervina*
Acarospora chlorophana (Wahlenb.) A. Massal. = *Pleopsidium chlorophanum*
Acarospora flava (Bellardi) J. Steiner = *Pleopsidium flavum*
Acarospora fuscata f. *elegantella* H. Magn. = *Acarospora fuscata*
Acarospora fuscata f. *smaragdula* Wahlenb. = *Acarospora smaragdula* subsp. *smaragdula*
Acarospora glaucocarpa var. *rubricosa* Ach. = *Acarospora glaucocarpa*
Acarospora lapponica (Ach. ex Schaer.) Th. Fr. var. *lojkeana* H. Magn. = *Polysporina lapponica*
Acarospora lesdainii Harm. ex A.L. Sm. = *Acarospora smaragdula* subsp. *lesdainii*
Acarospora oxytona (Ach.) A. Massal. = *Pleopsidium flavum*
Acarospora praeruptarum H. Magn. = *Acarospora nitrophila*
Acarospora smaragdula var. *lesdainii* (Harm. ex A.L. Sm.) H. Magn. = *Acarospora smaragdula* subsp. *lesdainii*
Acarospora squamulosa sensu Th. Fr. = *Acarospora macrospora*
Acarospora veronensis f. *turgida* H. Magn. = *Acarospora veronensis*

Acrocordia alba (Schrad.) 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.) Gray = *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 subcana*
Alectoria implexa (Hoffm.) Nyl. = *Bryoria implexa*
Alectoria jubata auct. = *Bryoria fuscescens*
Alectoria jubata var. *chalybeiformis* (L.) Th. Fr. = *Bryoria chalybeiformis*
Alectoria jubata var. *implexa* (Hoffm.) Th. Fr. = *Bryoria implexa*
Alectoria jubata var. *prolixa* (Ach.) Th. Fr. = *Bryoria fuscescens*
Alectoria jubata var. *subcana* Nyl. ex Stizenb. = *Bryoria subcana*
Alectoria jubata f. *capillaris* Ach. = *Bryoria capillaris*
Alectoria jubata f. *prolixa* (Ach.) Th. Fr. = *Bryoria fuscescens*
Alectoria lanata (Neck.) Nyl. = *Pseudephebe pubescens*
Alectoria minuscula (Arnold) Degel. = *Pseudephebe minuscula*
Alectoria ochroleuca var. *crinalis* Ach. = *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 subcana*
Alectoria subcana var. *subfuscata* = *Bryoria subcana*
Alectoria thrausta Ach. = *Ramalina thrausta*
Alectoria vrangiana Gyeln. = *Bryoria implexa*

Allarthonia lapidicola (Taylor) Zahlbr. = *Arthonia fusca*
Allarthonia lapidicola var. *ruderella* (Nyl.) de Lesd = *Arthonia fusca* (?)
Allarthonia ruderella Nyl. = *Arthonia fusca* (?)

Anaptychia ciliaris f. *actinota* (Ach.) Arnold = *Anaptychia ciliaris*
Anaptychia ciliaris f. *agriopa* (Ach.) Boistel = *Anaptychia ciliaris*
Anaptychia ciliaris f. *crinalis* (Schleich.) = *Anaptychia crinalis*
Anaptychia ciliaris f. *melanosticta* (Ach.) Harm. = *Anaptychia ciliaris*
Anaptychia ciliaris f. *platyphylla* (Wallr.) Flot. = *Anaptychia ciliaris*
Anaptychia ciliaris f. *verrucosa* (Ach.) Boistel = *Anaptychia ciliaris*
Anaptychia obscurata (Nyl.) Vain. = *Heterodermia obscurata*
Anaptychia speciosa (Wulfen) A. Massal. = *Heterodermia speciosa*

Arthonia impolita (Hoffm.) Borrer = *Arthonia pruinata*
Arthonia lapidicola auct. = *Arthonia fusca*
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* (Nyl.) Arnold var. *glacialis* Arnold = *Aspilidea myrinii*
Aspicilia alpina (Sommerf.) Arnold = *Bellemerea alpina*
Aspicilia alpina var. *nuda* (Vain.) = *Bellemerea alpina*
Aspicilia alpina var. *sulphurata* (Th. Fr.) Sydow = *Bellemerea alpina*
Aspicilia alpina f. *nuda* (Vain.) Zahlbr. = *Bellemerea alpina*
Aspicilia caesia (Le Prévost) Hue = *Aspicilia contorta*
Aspicilia calcarea var. *concreta* (Schaer.) Körb. = *Aspicilia calcarea*
Aspicilia calcarea var. *concreta* f. *farinosa* (Flörke) Nyl. = *Aspicilia calcarea*
Aspicilia calcarea var. *concreta* f. *ochracea* (Körb.) Leight. = *Aspicilia calcarea*
Aspicilia calcarea var. *contorta* (Hoffm.) Körb. = *Aspicilia contorta*
Aspicilia calcarea var. *hoffmannii* Ach. = *Aspicilia contorta*
Aspicilia calcarea f. *farinosa* Flörke = *Aspicilia calcarea*
Aspicilia cinerea var. *spermatomanes* Nyl. = *Aspicilia cinerea*
Aspicilia cinerea var. *vulgaris* f. *obscurata* (Fr.) Körb. = *Aspicilia cinerea*
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. *ochraceoferruginea* Szatala = *Aspicilia cinerea*
Aspicilia cinerea f. *olivaceoatra* Szatala = *Aspicilia cinerea*
Aspicilia cinereorufescens (Ach.) A. Massal. = *Bellemerea cinereorufescens*
Aspicilia contorta var. *calcarea* Ach. = *Aspicilia contorta*
Aspicilia contorta var. *concreta* Rabh. = *Aspicilia contorta*
Aspicilia cupreoatra (Nyl.) Arnold = *Immersaria cupreoatra*
Aspicilia gibbosa var. *squamata* (Flot.) Körb. = *Aspicilia gibbosa*
Aspicilia gibbosa var. *vulgaris* Körb. = *Aspicilia gibbosa*
Aspicilia gibbosa f. *vulgaris* Körb. = *Aspicilia gibbosa*
Aspicilia hoffmannii (Ach.) Flagey = *Aspicilia contorta*
Aspicilia lacustris (With.) Th. Fr. = *Ionaspis lacustris*
Aspicilia laevata var. *albicans* Arnold = *Aspicilia laevata*
- Aspicilia microlepis* Körb. var. *verrucarioides* (Eitner) Szatala = *Miriquidica complanata*
Aspicilia rosacea Hue = *Aspicilia candida*
Aspicilia subdepressa (Nyl.) Arnold = (?) *Aspicilia caesio-cinerea*
Aspicilia verrucosa (Ach.) Körb. = *Megaspora verrucosa*
- Bacidia chlorococca* (Graewe ex Stenh.) Lettau = *Scoliciosporum chlorococcum*
Bacidia citrinella (Ach.) Branth & Rostr. = *Arthrorhaphis citrinella*
Bacidia flavovirescens (Dicks.) Anzi = *Arthrorhaphis citrinella*
Bacidia inundata (Fr.) Körb. = *Bacidina inundata*
Bacidia luteola (Ach.) Mudd = *Bacidia rubella*
Bacidia minuscula (Körb.) Anzi = *Bacidia beckhausii*
Bacidia minuscula var. *obscurior* (Th. Fr.) Vain. = *Bacidia beckhausii*
Bacidia muscorum (Sw.) Mudd = *Bacidia bagliettoana*
Bacidia muscorum var. *terrestris* (Nyl.) Vain. = *Bacidia bagliettoana*
Bacidia naegelia (Hepp) Zahlbr. = *Lecania naegelia*
Bacidia nitschkeana (J. Lahm ex Rabenh.) Zahlbr. = *Micarea nitschkeana*
Bacidia phacodes Körb. = *Bacidina phacodes*
Bacidia propingua (Stizenb.) Arnold = *Bilimbia sabuletorum*
Bacidia rubella var. *porriginosa* (Turn.) Th. Fr. = *Bacidia rubella*
Bacidia sabuletorum (Schreb.) Lettau = *Bilimbia sabuletorum*
Bacidia subacerina Vain. = *Bacidia laurocerasi*
Bacidia umbrina (Ach.) Bausch = *Scoliciosporum umbrinum*
Bacidia umbrina var. *turgida* (Körb.) Th. Fr. = *Scoliciosporum umbrinum*
- Baeomyces byssoides* (L.) Gaertn., Meyer & Schreb. = *Baeomyces rufus*
Baeomyces roseus Pers. = *Dibaeis baeomyces*
Baeomyces rufus var. *rupestre* (Pers. ex Ach.) Huds. = *Baeomyces rufus*
Baeomyces rufus var. *sessilis* (DC.) Nyl. = *Baeomyces rufus*
Baeomyces rufus f. *rupestris* (Pers. ex Ach.) Harm. = *Baeomyces rufus*
- Biatora ambigua* A. Massal. = *Lecidella elaeochroma*
Biatora atrorufa (Dicks.) Körb. = *Lecidoma demissum*
Biatora coarctata (Sm.) Th. Fr. var. *elachista* (Ach.) Th. Fr. = *Trapelia coarctata*
Biatora demissa (Rutstr.) Fr. = *Lecidoma demissum*
Biatora fuscobubens 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 cadubriae*
- Biatorella cinerea* (Schaer.) Th. Fr. = *Sporastatia polyspora*
Biatorella coracina (Sommerf.) Lynge = *Sporastatia testudinea*

- Biatorella pruinosa* auct. = *Sarcogyne regularis*
Biatorella pruinosa var. *intermedia* (Körb.) H. Magn. = *Sarcogyne regularis*
Biatorella pruinosa var. *macroloma* (Flörke) H. Magn. = *Sarcogyne regularis*
Biatorella pruinosa f. *intermedia* (Körb.) Lettau = *Sarcogyne regularis*
Biatorella simplex (Davies) Branth & Rostr. = *Polysporina simplex*
Biatorella simplex var. *minor* (de Lesd.) Zahlbr. = *Polysporina simplex*
Biatorella simplex var. *strepsodina* (Ach.) H. Olivier = *Polysporina simplex*
Biatorella simplex f. *complicata* (Cromb.) Sandst. = *Polysporina simplex*
Biatorella simplex f. *goniophila* (Flörke) Zahlbr. = *Polysporina simplex*
Biatorella testudinea (Ach.) A. Massal. = *Sporastatia testudinea*
Biatorella testudinea f. *coracina* (Sommerf.) = *Sporastatia testudinea*
Biatorella testudinea f. *pallens* (Mont.) = *Sporastatia testudinea*
Biatorella testudinea f. *pallescens* A. Massal. = *Sporastatia testudinea*
- Biatorina lenticularis* (Ach.) Körb. f. *vulgaris* Körb. = *Catillaria lenticularis*
Biatorina (*Catillaria*) *minuta* A. Massal. = *Catillaria minuta*
- Bilimbia fuscoviridis* Anzi var. *hygrophila* (Stizenb.) Arnold = *Bacidia fuscoviridis*
Bilimbia naegelii (Hepp.) Anzi = *Lecania naegelii*
Bilimbia nitschkeana J. Lahm ex Rabenh. = *Micarea nitschkeana*
Bilimbia populorum (A. Massal.) Vain. = *Arthrosporium populorum*
- Blastenia albopruinosa* (Arnold) Th. Fr. = *Caloplaca alociza*
Blastenia ferruginea (Huds.) A. Massal. f. *obliterata* (Körb.) Kernst. = *Caloplaca ferruginea*
Blastenia leucoraea (Ach.) Th. Fr. = *Caloplaca sinapisperma*
Blastenia ochracea (Schaer.) Trevis. = *Caloplaca ochracea*
Blastenia ochracea (Schaer.) Trevis. var. *lactea* (A. Massal.) = *Caloplaca ochracea*
- Bryopogon degenii* (Szat.) Gyeln. = *Bryoria capillaris*
Bryopogon ochroleucus (Hoffm.) Link. var. *tenuior* (Cromb.) Gyeln. = *Alectoria ochroleuca*
- 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 alboatrum*
Buellia ambigua (Ach.) Malme = *Diplotomma alboatrum*
Buellia atrata (Sm.) Anzi = *Orphniospora moriopsis*
Buellia canescens (Dicks.) De Not. = *Diploicia canescens*
Buellia canescens var. *dionysiopolitana* Cretz. = *Diploicia canescens*
Buellia canescens f. *tegularis* Cretz. = *Diploicia canescens*
Buellia disciformis var. *saprophila* (Ach.) Mudd = *Buellia disciformis*
Buellia disciformis f. *ecrustacea* (Nyl.) Zahlbr. = *Buellia disciformis*
Buellia disciformis f. *microcarpa* (Ach.) Mig. = *Buellia disciformis*
Buellia disciformis f. *rugulosa* (Schaer.) Räsänen = *Buellia disciformis*
Buellia epipolia (Ach.) Mong. = *Diplotomma alboatrum*
Buellia epipolia var. *venusta* f. *convexa* Cretz. = *Diplotomma venustum*
Buellia insignis var. *geophila* (Flörke ex Sommerf.) Th. Fr. = *Buellia geophila*
Buellia insignis var. *muscorum* (Hepp) Körb. = *Buellia insignis*
Buellia myriocarpa (DC.) De Not. var. *punctiformis* (Hoffm.) Mudd f. *stigmatea* (Schaer.) Stein = *Amandinea punctata*
Buellia myriocarpa f. *stigmatea* (Schaer.) Stein = *Amandinea punctata*
Buellia parasema (Ach.) De Not. = *Buellia disciformis*
Buellia parasema var. *disciformis* (Fr.) Th. Fr. f. *saprophila* (Ach.) = *Buellia disciformis*
Buellia parasema f. *saprophila* (Ach.) = *Buellia disciformis*
Buellia porphyrica Mong. = *Diplotomma alboatrum*
Buellia punctata (Hoffm.) A. Massal. = *Amandinea punctata*
Buellia punctata var. *aequata* (Ach.) Zahlbr. = *Amandinea punctata*
Buellia punctiformis (Hoffm.) A. Massal. f. *depauperata* (Anzi) Arnold = *Amandinea punctata*
Buellia punctiformis f. *punctata* Vain. = *Amandinea punctata*
Buellia punctiformis f. *stigmatea* Vain. = *Amandinea punctata*
Buellia stigmatea Körb. = *Amandinea punctata*
- Calicium abietinum* Pers. var. *pumilum* (Kremp.) Zahlbr. = *Calicium abietinum*
Calicium abietinum Pers. f. *denigratum* (Vain.) = *Calicium abietinum*
Calicium hyperellum Ach. = *Calicium viride*
Calicium salicinum var. *trachelinum* (Ach.) Vain. = *Calicium salicinum*
Calicium subtile Pers. = *Mycocalicium subtile*
Calicium viride f. *hyperellum* (Ach.) = *Calicium viride*
- Callopisma cerinum* (Ehrh. ex Hedw.) De Not. = *Caloplaca cerina*

- Callopisma cerinum* var. *effusum* A. Massal. = *Caloplaca cerina*
Callopisma chalybaeum (Fr.) Trevis. = *Caloplaca chalybaea*
Callopisma ferrugineum (Huds.) Trevis. = *Caloplaca ferruginea*
Callopisma ferrugineum var. *genuinum* (Th. Fr.) Stein = *Caloplaca ferruginea*
Callopisma ferrugineum var. *musculum* = *Caloplaca ammiopila*
Callopisma ferrugineum var. *saxicolum* (A. Massal.) Jatta = *Caloplaca crenularia*
Callopisma ochraceum (Schaer.) A. Massal. = *Caloplaca ochracea*
Callopisma pyraceum (Ach.) Stein = *Caloplaca holocarpa*
Callopisma sinapispermum (Lam. & DC.) Stein = *Caloplaca sinapisperma*
- Caloplaca agardhiana* (A. Massal.) Clauzade & Cl. Roux. = *Caloplaca alociza*
Caloplaca anularis Clauzade & Poelt = *Caloplaca scrobiculata*
Caloplaca aractina (Fr.) Häyrén = *Caloplaca viridirufa*
Caloplaca arenaria (Pers.) Müll. Arg. var. *lallavei* (Clemente) Zahlbr. = *Caloplaca erythrocarpa*
Caloplaca arnoldiana (Servit & Černoh.) Servit & Poelt = *Caloplaca coccinea*
Caloplaca aurantia var. *heppiana* (Müll. Arg.) Poelt = *Caloplaca flavescens*
Caloplaca aurantiaca (Lightf.) Th. Fr. = *Caloplaca flavorubescens*
Caloplaca aurantiaca var. *coronata* (Kremp. ex Körb.) Jatta = *Caloplaca coronata*
Caloplaca aurantiaca var. *oasis* (A. Massal.) Zahlbr. = *Caloplaca oasis*
Caloplaca aurantiaca var. *placidia* (A. Massal.) Dalla Torre & Sarnth. = *Caloplaca velana*
Caloplaca aurantiaca var. *rubescens* (Schaer.) Zwackh = *Caloplaca irrubescens*
Caloplaca aurantiaca var. *salicina* (Anzi) Zahlbr. = *Caloplaca flavorubescens*
Caloplaca aurantiaca var. *velana* (A. Massal.) Flagey = *Caloplaca velana*
Caloplaca biatorina var. *gyalolechioides* (Müll. Arg.) Poelt = *Caloplaca gyalolechioides*
Caloplaca bracteata (Hoffm.) Jatta = *Fulgensia bracteata*
Caloplaca caesiorufa (Ach.) Flagey = *Caloplaca herbidella*
Caloplaca caesiorufa f. *corticola* (Anzi) Dalla Torre & Sarnth. = *Caloplaca herbidella*
Caloplaca caesiorufa f. *musculum* (Schaer.) Zahlbr. = *Caloplaca ammiopila*
Caloplaca caliacrae Cretz. = *Caloplaca teicholyta*
Caloplaca callopisma (Ach.) Th. Fr. = *Caloplaca aurantia*
Caloplaca candicans (Dicks.) Flagey = *Solenopsis candicans*
Caloplaca cerina var. *chlorina* (Flot.) Müll. Arg. = *Caloplaca chlorina*
Caloplaca cerina var. *fusca* (A. Massal.) = *Caloplaca cerina*
- Caloplaca cerina* f. *cyanoleptra* (DC.) = *Caloplaca cerina*
Caloplaca cerina f. *ehrbarti* (Schaer.) = *Caloplaca cerina*
Caloplaca cerina f. *obscurata* (Nyl.) Th. Fr. = *Caloplaca cerina*
Caloplaca cerina f. *stillicidiorum* (Vahl) = *Caloplaca cerina*
Caloplaca cinnamomea (Th. Fr.) H. Olivier = *Caloplaca ammiopila*
Caloplaca cirrochroa f. *calcicola* (Malbr.) Zahlbr. = *Caloplaca cirrochroa*
Caloplaca conglomerata (Bagl.) Jatta = *Caloplaca pellodella*
Caloplaca congregiata auct. = *Caloplaca grimmiae*
Caloplaca dissidens (Nyl.) Mérat = *Xanthoria elegans*
Caloplaca elegans (Link) Th. Fr. = *Xanthoria elegans*
Caloplaca elegans var. *caespitosa* (Müll. Arg.) Zahlbr. = *Xanthoria contortuplicata*
Caloplaca elegans f. *tenuis* (Wahlenb.) = *Xanthoria elegans*
Caloplaca ferruginea var. *festiva* (Ach.) Th. Fr. = *Caloplaca crenularia*
Caloplaca ferruginea var. *lamprocheila* (DC.) H. Olivier = *Caloplaca arenaria*
Caloplaca ferruginea var. *musculum* (Schaer.) Dalla Torre & Sarnth. = *Caloplaca ammiopila*
Caloplaca ferruginea f. *musculum* (Schaer.) = *Caloplaca ammiopila*
Caloplaca ferruginea f. *obliterata* (Körb.) J. Steiner = *Caloplaca ferruginea*
Caloplaca festiva (Ach.) Zwackh = *Caloplaca crenularia*
Caloplaca flavovirescens var. *coronata* Kremp. ex Körb. = *Caloplaca coronata*
Caloplaca fulgens (Sw.) Körb. = *Fulgensia fulgens*
Caloplaca fulgida (Nyl.) J. Steiner = *Fulgensia fulgida*
Caloplaca fuscoatra auct. = *Caloplaca viridirufa*
Caloplaca granulata (Schaer.) Lindau = *Candelariella medians*
Caloplaca haematites f. *athallina* (Harm.) Szatala = *Caloplaca ferruginea*
Caloplaca lactea f. *ecrustacea* (Harm.) Zahlbr. = *Caloplaca lactea*
Caloplaca lactea f. *fulva* (Harm.) Zahlbr. = *Caloplaca lactea*
Caloplaca lallavei (Clemente ex Ach.) Flagey = *Caloplaca erythrocarpa*
Caloplaca lamprocheila (DC.) Flagey = *Caloplaca arenaria*
Caloplaca luteoalba Th. Fr. var. *lactea* (A. Massal.) Zahlbr. = *Caloplaca lactea*
Caloplaca medians (Nyl.) Flagey = *Candelariella medians*
Caloplaca murorum (Ach.) Th. Fr. = *Caloplaca saxicola*
Caloplaca murorum var. *major* Th. Fr. = *Caloplaca saxicola*
Caloplaca murorum var. *miniata* (Hoffm.) Th. Fr. = *Caloplaca saxicola*
Caloplaca murorum var. *pulvinata* (A. Massal.) Jatta = *Caloplaca saxicola*
Caloplaca murorum var. *regularis* auct. = *Caloplaca saxicola*
Caloplaca murorum f. *lobulata* (Flörke) = *Caloplaca lobulata*
Caloplaca musculum (Schaer.) Th. Fr. = *Caloplaca ammiopila*
Caloplaca phlogina (Ach.) Flagey = *Caloplaca citrina*
Caloplaca placidia (A. Massal.) J. Steiner = *Caloplaca velana*

- Caloplaca placidia* var. *diffracta* (A. Massal.) J. Steiner = *Caloplaca velana*
Caloplaca pusilla (A. Massal.) Zahlbr. = *Caloplaca saxicola*
Caloplaca pusilla var. *obliterans* Nyl. = *Caloplaca obliterans*
Caloplaca pusilla f. *calvicola* Wedd. = *Caloplaca saxicola*
Caloplaca pusilla f. *silicicola* Wedd. = *Caloplaca saxicola*
Caloplaca pyracea (Ach.) Th. Fr. = *Caloplaca holocarpa*
Caloplaca pyracea var. *rupestris* (Malbr.) H. Olivier = *Protoblastenia rupestris*
Caloplaca pyracea f. *confluens* (A. Massal.) Jatta = *Caloplaca holocarpa*
Caloplaca pyracea f. *holocarpa* (Ehrh.) = *Caloplaca holocarpa*
Caloplaca pyracea f. *rupestris* (Malbr.) = *Protoblastenia rupestris*
Caloplaca salicina (J.F. Gmel.) Szatala = *Caloplaca flavorubescens*
Caloplaca schistidii (Anzi) Zahlbr. = *Fulgensia schistidii*
Caloplaca stillicidiorum f. *chloroleuca* (Sm.) Szatala = *Caloplaca stillicidiorum*
Caloplaca stillicidiorum f. *muscorum* (A. Massal.) Szatala = *Caloplaca stillicidiorum*
Caloplaca tegularis (Ehrh.) Sandst. = *Xanthoria elegans*
Caloplaca tegularis f. *calvicola* (Wedd.) Zahlbr. = *Xanthoria elegans*
Caloplaca tegularis f. *silicicola* (Wedd.) Zahlbr. = *Xanthoria elegans*
Caloplaca variabilis var. *agardhiana* (A. Massal.) H. Olivier = *Caloplaca alociza*
Caloplaca variabilis var. *ecrustacea* (Nyl.) = *Caloplaca alociza*
Caloplaca variabilis var. *fusca* (A. Massal.) = *Caloplaca variabilis*
Caloplaca variabilis var. *ochracea* Müll. Arg. = *Caloplaca variabilis*
Caloplaca vitellina (Hoffm.) Th. Fr. = *Candelariella vitellina*
Caloplaca vitellina var. *xanthostigma* (Ach.) Th. Fr. = *Candelariella xanthostigma*
- Campylacia quercus* Beltr. f. *macrospora* (Eitner) Szatala = *Cresporhaphis macrospora*
- Candelaria concolor* f. *chlorina* Harm. = *Candelaria concolor*
Candelaria concolor f. *flavicans* (Gyeln.) = *Candelaria concolor*
Candelaria substellaris (Ach.) = *Xanthoria fallax*
- Candelariella aurella* var. *unilocularis* (Elenk.) Zahlbr. = *Candelariella unilocularis*
Candelariella epixantha auct. = *Candelariella aurella*
Candelariella vitellina f. *arcuata* (Hoffm.) Lettau = *Candelariella vitellina*
Candelariella vitellina f. *corruscans* (Ach.) Lettau = *Candelariella vitellina*
Candelariella vitellina f. *musciicola* (Arnold) Zahlbr. = *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. = *Toninia athallina*
Catillaria athallina f. *acrustacea* Arnold = *Toninia athallina*
Catillaria chalybeia f. *smaragdula* de Lesd. = *Catillaria chalybeia*
Catillaria globulosa (Flörke) Th. Fr. = *Lecania hyalina*
Catillaria globulosa f. *epirhoda* Th. Fr. = *Lecania hyalina*
Catillaria globulosa f. *glomerulescens* (Nyl.) Zahlbr. = *Lecania hyalina*
Catillaria globulosa f. *pallens* (Nyl.) Th. Fr. = *Lecania hyalina*
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 synothesa auct. = *Micarea denigrata*
Catillaria synothesa var. *bacidiella* (Vain.) Zahlbr. = *Micarea denigrata*
- Catinaria laureri* (Hepp) Degel. = *Megalaria laureri*
- Catocarpus badioater* (Flörke ex Spreng.) Arnold = *Rhizocarpon badioatrum*
Catocarpus badioater var. *rivularis* (Fr.) Arnold = *Rhizocarpon badioatrum*
Catocarpus polycarpus (Hepp) Arnold = *Rhizocarpon polycarpum*
- Catolechia epigaea* (Pers.) Anzi = *Buellia epigaea*
- Cetraria aculeata* var. *alpina* Schaer. = *Cetraria muricata*
Cetraria aculeata f. *alpina* (Schaer.) = *Cetraria muricata*
Cetraria caperata sensu Vain. = *Vulpicida pinastri*
Cetraria caperata var. *soralifera* Frey = *Vulpicida pinastri*
Cetraria chlorophylla (Willd.) Vain. = *Tuckermanopsis chlorophylla*
Cetraria commixta (Nyl.) Th. Fr. = *Melanelia commixta*
Cetraria crispa (Ach.) Nyl. = *Cetraria ericetorum* Opiz
Cetraria crispa var. *subtubulosa* (Fr.) = *Cetraria islandica*
Cetraria cucullata (Bellardi) Ach. = *Flavocetraria cucullata*
Cetraria fahlunensis auct. = *Melanelia hepatizon*
Cetraria fallax (Weber) Anders = *Platismatia glauca*
Cetraria glauca (L.) Ach. = *Platismatia glauca*
Cetraria glauca var. *coralloidea* (Wallr.) = *Platismatia glauca*
Cetraria glauca var. *fallax* (Weber) Rass. = *Platismatia glauca*
Cetraria glauca var. *fallax* f. *divaricata* Rass. = *Platismatia glauca*

- Cetraria glauca* f. *coralloidea* (Wallr.) Körb. = *Platismatia glauca*
Cetraria glauca f. *sorediosa* Anders = *Platismatia glauca*
Cetraria glauca f. *ulophylla* (Wallr.) Körb. = *Platismatia glauca*
Cetraria hepatizon (Ach.) Vain. = *Melanelia hepatizon*
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. = *Cetraria ericetorum*
Cetraria islandica var. *tenuifolia* (Retz.) Vain. = *Cetraria ericetorum*
Cetraria islandica f. *platyna* (Ach.) = *Cetraria islandica*
Cetraria islandica f. *rigida* (Retz.) Savicz = *Cetraria islandica*
Cetraria islandica f. *subtubulosa* (Fr.) = *Cetraria ericetorum*
Cetraria juniperina (L.) Ach. = *Vulpicida juniperinus*
Cetraria nivalis (L.) Ach. = *Flavocetraria nivalis*
Cetraria normoerica (Gunn.) Lynge = *Cornicularia normoerica*
Cetraria pinastri (Scop.) Gray = *Vulpicida pinastri*
Cetraria pinastri var. *soralifera* (Frey) Zahlbr. = *Vulpicida pinastri*
Cetraria pinastri f. *saxicola* Anders = *Vulpicida pinastri*
Cetraria scutata (Wulfen) Poetsch = *Cetraria sepincola*
Cetraria tenuissima (L.) Vain. var. *campestris* (Schaer.) = *Cetraria aculeata*
Cetraria tristis (Weber) Fr. = *Cornicularia normoerica*
- Chaenotheca trichialis* var. *nudiuscula* (Schaer.) Zahlbr. = *Chaenotheca trichialis*
Chaenotheca trichialis f. *candelaris* (Schaer.) Dalla Torre & Sarnth. = *Chaenotheca trichialis*
- Cladonia alcicornis* (Lightf.) Fr. = *Cladonia foliacea*
Cladonia alpestris auct. = *Cladonia stellaris*
Cladonia amaurocraea f. *oxyceras* (Ach.) Vain. = *Cladonia amaurocraea*
Cladonia bacillaris 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 var. *crossata* (Ach.) Nyl. = *Cladonia cenotea*
Cladonia cenotea f. *crossata* (Ach.) = *Cladonia cenotea*
Cladonia chlorophaea var. *intermedia* (Sandst.) = *Cladonia chlorophaea*
Cladonia coccifera var. *stematina* (Ach.) Vain. = *Cladonia coccifera*
Cladonia coccifera f. *phyllocoma* Flörke = *Cladonia coccifera*
Cladonia coniocraea var. *ceratodes* (Flörke) = *Cladonia coniocraea*
Cladonia coniocraea f. *ceratodes* (Flörke) Dalla Torre & Sarnth. = *Cladonia coniocraea*
Cladonia cornuta f. *phyllostoca* (Flörke) Vain. = *Cladonia cornuta*
- Cladonia cornutoradiata* (Coem.) Sandst. = *Cladonia subulata*
Cladonia cornutoradiata var. *radiata* (Schreb.) Coem. = *Cladonia subulata*
Cladonia cornutoradiata f. *radiata* (Schreb.) Vain. = *Cladonia subulata*
Cladonia cornutoradiata f. *repetitoprolifera* Sandst. = *Cladonia subulata*
Cladonia crispata f. *elegans* (Delise) = *Cladonia crispata*
Cladonia crispata f. *subracemosa* (Vain.) = *Cladonia crispata*
Cladonia deformis var. *gonecha* (Ach.) Arnold = *Cladonia sulphurina*
Cladonia deformis f. *alpestris* Wallr. = *Cladonia deformis*
Cladonia deformis f. *crenulata* Ach. = *Cladonia deformis*
Cladonia deformis f. *gonecha* Ach. = *Cladonia sulphurina*
Cladonia degenerans (Flörke) Spreng. = *Cladonia phyllophora*
Cladonia digitata var. *glabrata* Delise = *Cladonia digitata*
Cladonia digitata var. *monstrosa* (Ach.) Vain. = *Cladonia digitata*
Cladonia digitata var. *prolifera* (Wallr.) = *Cladonia digitata*
Cladonia digitata f. *brachytes* (Ach.) Vain. = *Cladonia digitata*
Cladonia elongata (Jacq.) Hoffm. = *Cladonia gracilis*
Cladonia elongata f. *subdilacerata* Vain. = *Cladonia gracilis*
Cladonia endiviifolia (Dicks.) Fr. = *Cladonia convoluta*
Cladonia fimbriata var. *cornutoradiata* (Leight.) Vain. = *Cladonia subulata*
Cladonia fimbriata var. *cornutoradiata* f. *radiatoprolifera* Flot. = *Cladonia subulata*
Cladonia fimbriata var. *prolifera* (Retz.) A. Massal. = *Cladonia fimbriata*
Cladonia fimbriata var. *prolifera* f. *denticulata* Flörke = *Cladonia fimbriata*
Cladonia fimbriata var. *radiata* (Schreb.) Fr. = *Cladonia subulata*
Cladonia fimbriata var. *simplex* (Weiss) Flot. = *Cladonia fimbriata*
Cladonia fimbriata var. *tubaeformis* Hoffm. = *Cladonia fimbriata*
Cladonia fimbriata f. *cornuta* (Flörke) = *Cladonia fimbriata*
Cladonia fimbriata f. *denticulata* Flörke = *Cladonia fimbriata*
Cladonia fimbriata f. *minor* (K.G. Hagen) Vain. = *Cladonia fimbriata*
Cladonia fimbriata f. *prolifera* (Retz.) = *Cladonia fimbriata*
Cladonia fimbriata f. *radiata* Schreb. = *Cladonia subulata*
Cladonia fimbriata f. *simplex* (Weiss) = *Cladonia fimbriata*
Cladonia fimbriata f. *subcornuta* (Nyl.) = *Cladonia fimbriata*
Cladonia fimbriata f. *tubaeformis* (Hoffm.) = *Cladonia fimbriata*
Cladonia foliacea var. *alcicornis* (Lightf.) Schaer. = *Cladonia foliacea*
Cladonia foliacea var. *convoluta* (Lam.) Vain. = *Cladonia convoluta*
Cladonia furcata var. *corymbosa* (Ach.) Nyl. = *Cladonia furcata*

- Cladonia furcata* var. *palamaea* (Ach.) Nyl. = *Cladonia furcata*
Cladonia furcata var. *palamaea* f. *subulata* (Flörke) Aigret = *Cladonia furcata*
Cladonia furcata var. *pinnata* (Flörke) Vain. = *Cladonia furcata*
Cladonia furcata var. *pinnata* f. *corymbosa* = *Cladonia furcata*
Cladonia furcata var. *pinnata* f. *foliosa* (Duby) Vain. = *Cladonia furcata*
Cladonia furcata var. *pinnata* f. *foliosa* (Flörke) H. Olivier = *Cladonia furcata*
Cladonia furcata var. *pinnata* f. *polyphylla* Flörke = *Cladonia furcata*
Cladonia furcata var. *pinnata* f. *recurva* Hoffm. = *Cladonia furcata*
Cladonia furcata var. *pinnata* f. *truncata* Flörke = *Cladonia furcata*
Cladonia furcata var. *racemosa* (Hoffm.) Flörke = *Cladonia furcata*
Cladonia furcata var. *racemosa* f. *corymbosa* (Ach.) H. Olivier = *Cladonia furcata*
Cladonia furcata var. *racemosa* f. *polyphylla* (Flörke) Jatta = *Cladonia furcata*
Cladonia furcata var. *racemosa* f. *recurva* (Hoffm.) Jatta = *Cladonia furcata*
Cladonia furcata var. *subulata* Flörke = *Cladonia furcata*
Cladonia furcata f. *foliolosa* (Duby) Kovár = *Cladonia furcata*
Cladonia furcata f. *polyphylla* (Flörke) = *Cladonia furcata*
Cladonia furcata f. *recurva* Hoffm. = *Cladonia furcata*
Cladonia furcata f. *truncata* (Flörke) Kovár = *Cladonia furcata*
Cladonia glauca f. *dufouri* (Delise) Vain. = *Cladonia glauca*
Cladonia gracilis var. *chordalis* (Flörke) Schaer. = *Cladonia gracilis*
Cladonia gracilis var. *dilacerata* (Flörke) Vain. = *Cladonia gracilis*
Cladonia gracilis var. *ecmocyna* (Ach.) Vain. = *Cladonia ecmocyna*
Cladonia gracilis var. *elongata* (Wulfen) Fr. = *Cladonia gracilis* subsp. *elongata*
Cladonia gracilis var. *macroceras* (Flörke) Flot. = *Cladonia macroceras*
Cladonia gracilis var. *vulgaris* Körb. f. *chordalis* Flörke = *Cladonia gracilis*
Cladonia gracilis f. *aspera* (Flörke) = *Cladonia gracilis*
Cladonia gracilis f. *dilacerata* Flörke = *Cladonia gracilis*
Cladonia gracilis f. *subdilacerata* (Vain.) Kovár = *Cladonia ecmocyna*
Cladonia lepidota (Ach.) Nyl. var. *macrophyllodes* (Nyl.) Du Rietz = *Cladonia macrophyllodes*
Cladonia macilenta var. *styracella* (Ach.) Vain. = *Cladonia macilenta*
Cladonia macilenta f. *styracella* Ach. = *Cladonia macilenta*
Cladonia major (K.G. Hagen) Sandst. = *Cladonia fimbriata*
Cladonia minor (K.G. Hagen) Vain. = *Cladonia fimbriata*
Cladonia mitis Sandst. = *Cladonia arbuscula* subsp. *mitis*
Cladonia nylanderi Cout. = *Cladonia firma*
Cladonia ochrochlora f. *ceratodes* Flörke = *Cladonia ochrochlora*
Cladonia papillaria (Ehrh.) Hoffm. = *Pycnothelia papillaria*
Cladonia papillaria f. *papillosa* Fr. = *Pycnothelia papillaria*
Cladonia pungens (Ach.) Ach. = *Cladonia rangiformis*
Cladonia pungens f. *foliosa* Flörke = *Cladonia rangiformis*
Cladonia pyxidata var. *chlorophaea* (Flörke ex Sommerf.) Flörke = *Cladonia chlorophaea*
Cladonia pyxidata var. *neglecta* (Flörke) Schaer. = *Cladonia chlorophaea*
Cladonia pyxidata var. *pocillum* (Ach.) Schaer. = *Cladonia pocillum*
Cladonia pyxidata var. *pocillum* f. *intermedia* Sandst. = *Cladonia pocillum*
Cladonia pyxidata var. *pocillum* f. *pachyphyllina* (Wallr.) Vain. = *Cladonia pocillum*
Cladonia pyxidata var. *pocillum* f. *staphylea* (Ach.) = *Cladonia pocillum*
Cladonia pyxidata f. *intermedia* Sandst. = *Cladonia pocillum*
Cladonia pyxidata f. *macrophylla* Müll. Arg. = *Cladonia pyxidata*
Cladonia pyxidata f. *pachyphyllina* Wallr. = *Cladonia pocillum*
Cladonia pyxidata f. *staphylea* (Ach.) Harm. = *Cladonia pyxidata*
Cladonia rangiferina var. *sylvatica* auct. = *Cladonia arbuscula*
Cladonia rangiferina var. *vulgaris* Schaer. = *Cladonia rangiferina*
Cladonia rangiferina f. *fuscescens* Flörke = *Cladonia rangiferina*
Cladonia rangiferina f. *moldavica* Cretz. = *Cladonia rangiferina*
Cladonia rangiferina f. *tenuior* (Delise) Vain. = *Cladonia rangiferina*
Cladonia rangiformis var. *foliosa* Flörke = *Cladonia rangiformis*
Cladonia rangiformis var. *muricata* (Delise) Arnold = *Cladonia rangiformis*
Cladonia rangiformis var. *muricata* f. *variolosa* Sandst. = *Cladonia rangiformis*
Cladonia rangiformis var. *pungens* (Ach.) Vain. f. *variolosa* Sandst. = *Cladonia rangiformis*
Cladonia squamosa var. *denticollis* (Hoffm.) Flörke = *Cladonia squamosa*
Cladonia squamosa var. *ventricosa* (Delise) = *Cladonia squamosa*
Cladonia squamosa f. *denticollis* (Hoffm.) = *Cladonia squamosa*
Cladonia stellata Schaer. var. *obtusata* (Schaer.) Ach. = *Cladonia uncialis*
Cladonia subcariosa auct. = *Cladonia polycarpoides*
Cladonia sylvatica auct. = *Cladonia arbuscula*
Cladonia sylvatica var. *portenosa* (Dufour) Delise = *Cladonia portenosa*
Cladonia sylvatica var. *sylvestris* (Wallr.) = *Cladonia arbuscula*

- Cladonia sylvatica* f. *sphagnoides* (Hepp) Parrique = *Cladonia arbuscula*
Cladonia tenuis (Flörke) Harm. = *Cladonia ciliata* f. *flavicans*
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* (Huds.) Zahlbr. = *Cystocoleus ebeneus*
- Collema aggregatum* auct. = *Collema fasciculare*
Collema auriculatum Hoffm. = *Collema auriforme*
Collema auriculatum f. *papulosum* (Ach.) Zahlbr. = *Collema auriforme*
Collema cheileum (Ach.) Ach. f. *graniforme* (Hoffm.) = *Collema crispum*
Collema crispum f. *granulatum* Ach. = *Collema crispum*
Collema flaccidum Ach. var. *major* Flot. = *Collema flaccidum*
Collema granuliferum Nyl. = *Collema cristatum* var. *cristatum*
Collema hydrocharum (Ach.) Zahlbr. = *Leptogium plicatile*
Collema multifidum (Scop.) Rabenh. = *Collema cristatum* var. *marginale*
Collema multifidum var. *complicatum* (Huds.) Rabenh. = *Collema cristatum* var. *cristatum*
Collema multifidum var. *jacobaeaefolium* (Schrank) Rabenh. = *Collema cristatum* var. *cristatum*
Collema multifidum var. *marginale* = *Collema cristatum* var. *marginale*
Collema pulposum (Bernh. ex Schrad.) Ach. = *Collema tenax* var. *tenax*
Collema rhodopensis Szatala = *Nostoc parmelioides*
Collema rupestre (Sw) Rabenh. = *Collema flaccidum*
Collema subfurvum auct. = *Collema subflaccidum*
Collema tenax var. *vulgare* (Schaer.) Degel. = *Collema tenax* var. *tenax*
Collema tuniforme (Ach.) Ach. = *Collema fuscovirens*
Collema verruciforme (Ach.) Nyl. = *Collema multipunctatum*
Collema vespertilio (Lightf.) Hoffm. = *Collema nigrescens*
- Coniocybe furfuracea* (L.) Ach. = *Chaenotheca furfuracea*
Coniocybe furfuracea var. *brachypoda* (Ach.) = *Chaenotheca furfuracea*
Coniocybe furfuracea f. *brachypoda* (Ach.) Arnold = *Chaenotheca furfuracea*
Coniocybe furfuracea f. *fulva* (L.) Fr. = *Chaenotheca furfuracea*
Coniocybe furfuracea f. *vulgaris* (Schaer.) = *Chaenotheca furfuracea*
- Cornicularia aculeata* (Schreb.) Ach. = *Cetraria aculeata*
Cornicularia aculeata var. *alpina* (Schaer.) Rabenh. = *Cetraria muricata*
Cornicularia aculeata var. *campestris* (Schreb.) Rabenh. = *Cetraria aculeata*
Cornicularia aculeata var. *muricata* 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*
- Crocynia aeruginosa* auct. = *Lepraria incana*
Crocynia caesioalba de Lesd. = *Lepraria caesioalba*
Crocynia membranacea (Dicks.) Zahlbr. = *Lepraria membranacea*
Crocynia (Lecidea) neglecta (Nyl.) Hue = *Lepraria neglecta*
- Cyphelium inquinans* f. *tympanellum* (Ach.) Vain. = *Cyphelium inquinans*
- Dendrisocaulon umhausense* (Auersw.) Degel. = *Lobaria amplissima* (cephalodia of *L. a.*)
- Dermatocarpon anzianum* Servit = *Verrucaria sphaerospora*
Dermatocarpon anzianum f. *umbrina* Servit = *Verrucaria sphaerospora*
Dermatocarpon aquaticum (Weiss) Zahlbr. = *Dermatocarpon luridum*
Dermatocarpon aquaticum var. *decipiens* (A. Massal.) Vain. = *Dermatocarpon luridum*
Dermatocarpon bucekii Nádv. & Servit = *Placopyrenium bucekii*
Dermatocarpon cartilagineum (Nyl.) Zahlbr. = *Catapyrenium daedaleum*
Dermatocarpon cinereum (Pers.) Th. Fr. = *Catapyrenium cinereum*
Dermatocarpon cretzoii Servit = *Verrucaria lecideoides*
Dermatocarpon daedaleum (Kremp.) Th. Fr. f. *pruinosa* Vain. = *Catapyrenium daedaleum*
Dermatocarpon fluviatile (Weber) Th. Fr. = *Dermatocarpon luridum*
Dermatocarpon fluviatile var. *decipiens* (A. Massal.) Vain. = *Dermatocarpon luridum*
Dermatocarpon fluviatile var. *weberi* (Ach.) Vain. = *Dermatocarpon luridum*
Dermatocarpon hepaticum auct. = *Placidium squamulosum*
Dermatocarpon lachneum (Ach.) A.L. Sm. = *Placidium lachneum*
Dermatocarpon lachneum (Ach.) A.L. Sm. var. *pruinatum* (J. Steiner) Szatala = *Placidium lachneum*
Dermatocarpon michelii (A. Massal.) Zwackh = *Placidium michelii*
Dermatocarpon miniatum var. *aetneum* (Tornab.) Zahlbr. = *Dermatocarpon miniatum* var. *miniatum*

- Dermatocarpon miniatum* var. *complicatissimum* (Nyl.) Lettau = *Dermatocarpon miniatum* var. *complicatum*
Dermatocarpon miniatum var. *imbricatum* (A. Massal.) Vain. = *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 miniatum var. *vulgare* (Körb.) = *Dermatocarpon miniatum* var. *miniatum*
Dermatocarpon miniatum f. *papillosum* (Anzi) = *Dermatocarpon miniatum* var. *cirsodes*
Dermatocarpon monstrosum (Schaer.) Vain. = *Placocarpus schaeereri*
Dermatocarpon rufescens (Ach.) Th. Fr. = *Placidium rufescens*
Dermatocarpon subfuscillum (Nyl.) Servit = *Verrucaria subfuscillum*
Dermatocarpon trachyticum (Hazsl.) Vain. = *Placopyrenium trachyticum*
Dermatocarpon trapeziforme auct. = *Placidium lachneum*
- Didymella fallax* (Nyl.) Vain. = *Arthopyrenia analepta*
Didymella punctiformis f. *analepta* (A. Massal.) [sic] Vain. = (?) *Arthopyrenia analepta*
- Dimerella diluta* (Pers.) Trevis. = *Dimerella pineti*
- Diploschistes albissimus* (Ach.) Dalla Torre & Sarnth. = *Diploschistes diacapsis*
Diploschistes bryophilus (Ach.) Zahlbr. = *Diploschistes muscorum*
Diploschistes bryophilus var. *parasiticus* (Sommerf.) Zahlbr. = *Diploschistes muscorum*
Diploschistes bryophilus f. *parasiticus* (Sommerf.) Servit = *Diploschistes muscorum*
Diploschistes calcareus (Müll. Arg.) J. Steiner = *Diploschistes candidissimus*
Diploschistes scruposus var. *arenarius* (Schaer.) Müll. Arg. = *Diploschistes muscorum*
Diploschistes scruposus var. *arenarius* f. *argillosus* (Ach.) = *Diploschistes muscorum*
Diploschistes scruposus var. *arenarius* f. *dealbatus* (Ach.) Zahlbr. = *Diploschistes muscorum*
Diploschistes scruposus var. *arenarius* f. *flavicans* (Harm.) = *Diploschistes scruposus*
Diploschistes scruposus var. *bryophilus* (Ach.) Müll. Arg. = *Diploschistes muscorum*
Diploschistes scruposus var. *dealbatus* (Ach.) = *Diploschistes muscorum*
Diploschistes scruposus f. *argillosus* (Ach.) Dalla Torre & Sarnth. = *Diploschistes muscorum*
Diploschistes scruposus f. *flavicans* (Moris & de Not.) Zahlbr. = *Diploschistes scruposus*
Diploschistes scruposus f. *viridescens* Gyeln. = *Diploschistes scruposus*
- Diplotomma alboatrum* var. *ambiguum* (Ach.) Th. Fr. = *Diplotomma ambiguum*
Diplotomma alboatrum var. *epipolium* (Ach.) A. Massal. = *Diplotomma epipolium*
Diplotomma athroum f. *zabothicum* (Körb.) = *Diplotomma pharcidium*
Diplotomma epipolium var. *venustum* Körb. = *Diplotomma venustum*
Diplotomma porphyricum (Arnold) Vain. = *Diplotomma chlorophaeum*
- Dirina stenhammarii* (Fr. ex Stenh.) Poelt & Follmann = *Dirina massiliensis* f. *sorediata*
- Endocarpon miniatum* (L.) Gaertn. = *Dermatocarpon miniatum*
Endocarpon miniatum var. *complicatum* (Lightf.) Schaer. = *Dermatocarpon miniatum*
Endocarpon miniatum var. *imbricatum* A. Massal. = *Dermatocarpon miniatum*
Endocarpon monstrosum (Schaer.) A. Massal. = *Placocarpus schaeereri*
Endocarpon pallidum auct. = *Endocarpon adscendens*
- Evernia furfuracea* (L.) W. Mann. = *Pseudevernia furfuracea* var. *furfuracea*
Evernia prunastri var. *sorediifera* Ach. = *Evernia prunastri*
Evernia prunastri f. *gracilis* Ach. = *Evernia prunastri*
Evernia prunastri f. *phellina* = *Evernia prunastri*
Evernia prunastri f. *sorediifera* (Ach.) = *Evernia prunastri*
- Gasparrinia callospisma* (Ach.) Syd. = *Caloplaca aurantia*
Gasparrinia cirrochroa (Ach.) Stein = *Caloplaca cirrochroa*
Gasparrinia murorum (Hoffm.) Tornab. = *Caloplaca saxicola*
- Graphis scripta* var. *abietina* (Schaer.) Rabenh. = *Graphis scripta*
Graphis scripta var. *limitata* (Pers.) Arnold = *Graphis scripta*
Graphis scripta var. *pulverulenta* (Pers.) Ach. = *Graphis scripta*
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* (Wulfen) Hoffm. var. *reticulata* Schaer. = *Umbilicaria decussata*
Gyrophora cinerascens Kernst. = *Umbilicaria subglabra*
Gyrophora cirrhosa (Hoffm.) Vain. = *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.) = *Umbilicaria cylindrica*
Gyrophora cylindrica f. *denudata* (Turner) = *Umbilicaria cylindrica*
Gyrophora cylindrica f. *fimbriata* (Röhl.) = *Umbilicaria cylindrica*
Gyrophora cylindrica f. *mesenteriformis* (Wulfen) = *Umbilicaria cylindrica*
Gyrophora cylindrica f. *microphylla* (Anzi) = *Umbilicaria cylindrica* var. *tornata*
Gyrophora deusta (L.) Ach. = *Umbilicaria deusta*
Gyrophora deusta f. *brotera* Ach. = *Umbilicaria deusta*
Gyrophora deusta f. *conglobata* (Th. Fr.) = *Umbilicaria deusta*
Gyrophora deusta f. *squamigera* (Leight.) Zahlbr. = *Umbilicaria deusta*
Gyrophora erosa (Weber) Hoffm. = *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.) = *Umbilicaria hirsuta*
Gyrophora microphylla (Laurer) A. Massal. = *Umbilicaria microphylla*
Gyrophora murina Ach. = *Umbilicaria grisea*
Gyrophora polyphylla (L.) Funck = *Umbilicaria polyphylla*
Gyrophora polyphylla f. *congregata* Turner = *Umbilicaria polyphylla*
Gyrophora polyphylla f. *coriacea* (Th. Fr.) H. Olivier = *Umbilicaria polyphylla*
Gyrophora proboscidea (L.) Ach. = *Umbilicaria proboscidea*
Gyrophora reticulata (Schaer.) Nyl. = *Umbilicaria decussata*
Gyrophora spodochoa (Hoffm.) Ach. = *Umbilicaria spodochoa*
Gyrophora spodochoa var. *normalis* Th. Fr. = *Umbilicaria vellea*
Gyrophora spodochoa f. *depressa* (Ach.) = *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. *porphyricum* (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.) Ach. = *Hypogymnia physodes*
- Involucrocarpon cinereum* (Pers.) Servit = *Cataparyenium cinereum*
- Lecanactis grumulosa* (Dufour) Fr. = *Lecanographa grumulosa*
Lecanactis stenhammarii (Fr. ex Stenh.) Arnold = *Dirina massiliensis* f. *sorediata*
- Lecania dimera* (Nyl.) Th. Fr. = *Lecania dubitans*
Lecania erysibe f. *minuta* de Lesd. = *Lecania erysibe*
- Lecanora adunans* Nyl. = *Aspilidea myrinii*
Lecanora albella var. *angulosa* (Schreb.) Flot. = *Lecanora carpinea*
Lecanora albescens var. *galactinella* (Nyl.) Zahlbr. = *Lecanora albescens*
Lecanora allophana var. *glabrata* (Ach.) Stein = *Lecanora glabrata*
Lecanora allophana var. *glabrata* f. *aspicilioides* (Harm.) Zahlbr. = *Lecanora glabrata*
Lecanora allophana var. *parisiensis* (Nyl.) J. Steiner. = *Lecanora horiza*
Lecanora allophana f. *campestris* Schaer. = *Lecanora campestris*
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*
Lecanora atra var. *vulgaris* Körb. = *Tephromela atra*
Lecanora atrynea (Ach.) Nyl. = *Lecanora cenisia*
Lecanora badia (Hoffm.) Ach. = *Protoparmelia badia*
Lecanora badia var. *cinereobadia* Harm. = *Protoparmelia badia*
Lecanora caesioalba (Florke) Körb. = *Lecanora crenulata*
Lecanora caesioalba var. *dispersa* (Pers.) = *Lecanora dispersa*
Lecanora caesiocinerea Nyl. ex Malbr. = *Aspicilia caesiocinerea*
Lecanora calcarea (L.) Sommerf. = *Aspicilia calcarea*
Lecanora campestris f. *acrustacea* Kieffer = *Lecanora campestris*

- Lecanora campestris* f. *expansa* (Ach.) Harm. = *Lecanora campestris*
Lecanora carpinea f. *aggregata* Kremp. = *Lecanora carpinea*
Lecanora castanea (Hepp) Th. Fr. = *Bryonora castanea*
Lecanora cinisia var. *atrynea* (Ach.) H. Magn. = *Lecanora cinisia*
Lecanora cerina (Ehrh. ex Hedw.) Ach. = *Caloplaca cerina*
Lecanora chlarona (Ach.) Nyl. = *Lecanora pulicaris*
Lecanora (Placodium) chrysoleuca (Sm.) Ach. = *Rhizoplaca chrysoleuca*
Lecanora chrysoleuca var. *complicata* Ach. = *Rhizoplaca chrysoleuca*
Lecanora cinerea (L.) Sommerf. = *Aspicilia cinerea*
Lecanora cinerea var. *alba* (Schaer.) Flagey = *Aspicilia cinerea*
Lecanora cinerea var. *alba* f. *corticola* Szatala = *Aspicilia cinerea*
Lecanora cinerea var. *alba* f. *graphica* (Ach.) Migula = *Aspicilia cinerea*
Lecanora cinerea var. *alba* f. *ochraceoferruginea* Szatala = *Aspicilia cinerea*
Lecanora cinerea var. *alba* f. *olivaceoatra* Szatala = *Aspicilia cinerea*
Lecanora cinereorufescens (Ach.) Hepp = *Bellemerea cinereorufescens*
Lecanora circinata (Pers.) Ach. = *Lobothallia radiosa*
Lecanora coilocarpa auct. = *Lecanora circumborealis*
Lecanora coilocarpa var. *sorediata* Räsänen = *Lecanora raesaenenii*
Lecanora coilocarpa f. *pulicaris* (Pers.) Nyl. = *Lecanora pulicaris*
Lecanora conizaea (Ach.) Nyl. = *Lecanora expallens*
Lecanora contorta (Hoffm.) J. Steiner = *Aspicilia contorta*
Lecanora crassa (Huds.) Ach. = *Squamarina cartilaginea*
Lecanora crassa f. *dealbata* (A. Massal.) Mig. = *Squamarina cartilaginea*
Lecanora crenulata f. *sommerfeltiana* (Syd.) = *Lecanora albescens*
Lecanora cupreoatra Nyl. = *Immersaria cupreoatra*
Lecanora cupreoglauca (de Lesd.) Zahlbr. = *Aspicilia cupreoglauca*
Lecanora demissa (Körb.) Zahlbr. = *Caloplaca demissa*
Lecanora dispersa f. *coniotropa* (Fr.) Arnold = *Lecanora flotowiana*
Lecanora efflorescens (Cromb.) Lettau = *Lecanora soralifera*
Lecanora farinosa (Flörke) Nyl. = *Aspicilia farinosa*
Lecanora fragilis (Scop.) Zahlbr. = *Squamarina gypsacea*
Lecanora fragilis var. *subcetrarioides* Zahlbr. = *Squamarina gypsacea*
Lecanora frustulosa var. *argopholis* (Ach.) Link = *Lecanora argopholis*
Lecanora galactina Ach. = *Lecanora albescens*
Lecanora gangaleoides Nyl. f. *schistina* Nyl. = *Lecanora praepostera*
Lecanora gibbosa (Ach.) Nyl. = *Aspicilia gibbosa*
Lecanora glaucoma (Hoffm.) Ach. = *Lecanora rupicola* subsp. *rupicola*
Lecanora hagenii var. *lithophila* (Wallr.) Flot. = *Lecanora hagenii*
Lecanora hagenii f. *coerulescens* (K.G.Hagen) Hazsl. = *Lecanora hagenii*
Lecanora hoffmannii (Ach.) Müll. Arg. = *Aspicilia contorta* subsp. *hoffmanniana*
Lecanora incusa (Flot.) Vain. = *Caloplaca demissa*
Lecanora intermutans Nyl. = *Aspicilia intermutans*
Lecanora intricata var. *melaena* (Hedl.) Szatala = *Lecanora intricata*
Lecanora intricata f. *polytropantha* (Nyl.) Zahlbr. = *Lecanora intricata*
Lecanora laatokkaensis (Räsänen) Poelt = *Protoparmeliopsis laatokkaensis*
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 melanophthalma Fr. = *Rhizoplaca melanophthalma*
Lecanora muralis (Schreb.) Rabenh. = *Protoparmeliopsis muralis*
Lecanora muralis var. *albomarginata* (Nyl.) Szatala = *Protoparmeliopsis muralis*
Lecanora muralis var. *albobulverulenta* (Schaer.) Rabenh. = *Protoparmeliopsis muralis*
Lecanora muralis var. *diffracta* (Ach.) Rabenh. = *Protoparmeliopsis muralis*
Lecanora muralis var. *versicolor* (Pers.) Tuck. = *Protoparmeliopsis muralis*
Lecanora muralis f. *riparium* (Flot.) = *Protoparmeliopsis muralis*
Lecanora nitens (Pers.) Ach. = *Protoparmelia nitens*
Lecanora obscurata (Fr.) Nyl. = *Aspicilia obscurata*
Lecanora olivicolor H. Magn. = *Aspicilia olivicolor*
Lecanora pallida (Schreb.) Rabenh. = *Lecanora albella*
Lecanora pallida var. *cinerella* Flörke = *Lecanora albella*
Lecanora pallida var. *sordidescens* (Ach.) Stein = *Lecanora albella*
Lecanora parasitica (de Lesd.) Zahlbr. = *Lobothallia parasitica*
Lecanora parisiensis Nyl. = *Lecanora horiza*
Lecanora peltata (Ramond) Steud. = *Rhizoplaca peltata*
Lecanora pinastri (Schaer.) H. Magn. = *Lecanora pulicaris*
Lecanora polytropia var. *intricata* (Ach.) Schaer. = *Lecanora intricata*
Lecanora polytropia var. *vulgaris* (Körb.) Arnold = *Lecanora polytropia*
Lecanora polytropia f. *acrustacea* (Schaer.) A. Massal. = *Lecanora polytropia*
Lecanora polytropia f. *campestris* (Wallr.) Rabenh. = *Lecanora polytropia*
Lecanora polytropia f. *conglobata* Mudd = *Lecanora polytropia*
Lecanora polytropia f. *efflorescens* Cromb. = *Lecanora polytropia*

- Lecanora polytropa* f. *illusoria* Leight. = *Lecanora polytropa*
Lecanora praeradiosa Nyl. = *Lobothallia praeradiosa*
Lecanora psarophana Nyl. = *Protoparmelia psarophana*
Lecanora radiosa (Hoffm.) Schaer. = *Lobothallia radiosa*
Lecanora radiosa subsp. *circinata* (Pers.) Kušan = *Lobothallia radiosa*
Lecanora rolleana (Hue) Zahlbr. = *Aspicilia caesiocinerea*
Lecanora rubina (Vill.) Ach. = *Rhizoplaca chrysoleuca*
Lecanora rubina var. *complicata* Ach. = *Rhizoplaca chrysoleuca*
Lecanora rugosa (Nyl.) Nyl. = *Lecanora rugosella*
Lecanora rupicola var. *neglectula* (Zschacke) Zahlbr. = *Lecanora rupicola* subsp. *rupicola*
Lecanora rupicola f. *coerulata* (Ach.) Zahlbr. = *Lecanora rupicola* subsp. *rupicola*
Lecanora saxicola (Pollich) Ach. = *Protoparmeliopsis muralis*
Lecanora saxicola var. *albomarginata* (Nyl.) Th. Fr. = *Protoparmeliopsis muralis*
Lecanora saxicola var. *diffracta* (Ach.) Jatta = *Protoparmeliopsis muralis*
Lecanora saxicola var. *macrocyclus* H. Magn. = *Protoparmeliopsis muralis*
Lecanora saxicola var. *versicolor* (Pers.) Th. Fr. = *Protoparmeliopsis muralis*
Lecanora saxicola f. *riparia* Flot. = *Protoparmeliopsis muralis*
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 var. *allophana* Ach. = *Lecanora allophana*
Lecanora subfusca var. *allophana* f. *campestris* Schaer. = *Lecanora campestris*
Lecanora subfusca var. *argentata* (Ach.) Ach. = *Lecanora argentata*
Lecanora subfusca var. *campestris* (Schaer.) Rabenh. = *Lecanora campestris*
Lecanora subfusca var. *chlarona* auct. = *Lecanora pulicaris*
Lecanora subfusca var. *coilocarpa* auct. = *Lecanora circumborealis*
Lecanora subfusca var. *distans* (Ach.) D. Dietr. = *Lecanora populicola*
Lecanora subfusca var. *gangalea* (Ach.) = *Lecanora circumborealis*
Lecanora subfusca var. *glabrata* Ach. = *Lecanora glabrata*
Lecanora subfusca var. *hypnorum* (Wulfen) Schaer. = *Lecanora epibryon*
Lecanora subfusca var. *parisiensis* (Nyl.) = *Lecanora horiza*
Lecanora subfusca var. *pinastri* Schaer. = *Lecanora pulicaris*
Lecanora subfusca var. *rugosa* (Nyl.) Nyl. = *Lecanora rugosella*
Lecanora subfusca 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 var. *pumilionis* (Rehm) Lettau = *Lecanora symmicta*
Lecanora symmictera f. *ecrustacea* Nyl. = *Lecanora symmicta*
Lecanora teichotea Nyl. = *Lecanora pruinosa*
Lecanora umbrina (Ach.) A. Massal. f. *lithophila* (Kreyer) de Lesd. = *Lecanora hagenii*
Lecanora varia var. *abbrevians* Hedl. = *Lecanora varia*
Lecanora varia f. *vulgaris* (Körb.) = *Lecanora varia*
Lecanora verrucosa (Ach.) Laurer = *Megaspora verrucosa*
Lecanora viridescens (A. Massal.) Müll. Arg. = *Aspicilia viridescens*
Lecidea aenea (Fr.) Nyl., nom. illeg. = *Miriquidica garovaglii*
Lecidea aglaea Sommerf. = *Calvitimela aglaea*
Lecidea albocaerulescens (Wulfen) Ach. = *Porpidia albocaerulescens*
Lecidea albocaerulescens f. *alpina* (Schaer.) = *Porpidia glaucophaea*
Lecidea albocaerulescens f. *flavocaerulescens* (Hornem.) = *Porpidia flavocaerulescens*
Lecidea albocaerulescens f. *vulgaris* Schaer. = *Porpidia albocaerulescens*
Lecidea albosuffusa Th. Fr. var. *petrosa* (Arnold) Vain. = *Farnoldia jurana*
Lecidea arctica Sommerf. = *Frutidella caesioatra*
Lecidea armeniaca (DC.) Fr. = *Calvitimela armeniaca*
Lecidea atrobrunnea var. *congregata* (Kremp.) = *Lecidea atrobrunnea*
Lecidea atrobrunnea f. *planiuscula* (Körb.) Zahlbr. = *Lecidea atrobrunnea*
Lecidea atrocinerea (Schaer.) Vain. = *Schaereria fuscocinerea*
Lecidea atronivea Arnold = *Carbonea atronivea*
Lecidea auriculata var. *evoluta* Th. Fr. = *Lecidea auriculata*
Lecidea caesiopruinosa Schaer. = *Fuscidea commixta*
Lecidea cerebrina (DC.) Schaer. = *Poeltimula cerebrina*
Lecidea chondrodes (A. Massal.) Malbr. = *Clauzadea chondrodes*
Lecidea cinereoatra Ach. = *Porpidia cinereoatra*
Lecidea coarctata (Sm.) Nyl. = *Trapelia coarctata*
Lecidea coarctata var. *elachista* (Ach.) Th. Fr. = *Trapelia coarctata*
Lecidea crustulata (Ach.) Spreng. = *Porpidia crustulata*
Lecidea cyanea sensu Th. Fr. = *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. = *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 Lynge = *Lecidella patavina*
Lecidea enteroleuca auct. = *Lecidella elaeochroma*
Lecidea enteromorpha (Flot.) Vain. = *Lecidea plana*
Lecidea fumosa (Hoffm.) Ach. = *Lecidea fuscoatra*
Lecidea fusca (Schaer.) Th. Fr. var. *atrofusca* (Flot.) Th. Fr. = *Mycobilimbia hypnorum*
Lecidea fuscoatra f. *fumosa* (Hoffm.) = *Lecidea fuscoatra*
Lecidea fuscoatra f. *mosigii* 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. = *Lecidella anamaloides*
Lecidea granulosa (Hoffm.) Ach. = *Trapeliopsis granulosa*
Lecidea grisella Flörke ex Schaer. = *Lecidea fuscoatra*
Lecidea grisella f. *subcetrustacea* (Flörke) Dalla Torre & Sarnth. = *Lecidea fuscoatra*
Lecidea griseoatra auct. = *Schaereria fuscocinerea*
Lecidea griseoatra var. *lygaeoides* (Vain.) = *Schaereria fuscocinerea*
Lecidea humosa (Hoffm.) Leight. = *Placynthiella uliginosa*
Lecidea incongrua Nyl. f. *ochracea* Szatala = *Lecidella stigmatea*
Lecidea insularis Nyl. = *Rimularia insularis*
Lecidea interjecta Bagl. & Car. = *Lecidea bagliettoana*
Lecidea intumescens (Flörke ex Flot.) Nyl. = *Rimularia insularis*
Lecidea jurana Schaer. var. *jurana* = *Farnoldia jurana*
Lecidea kochiana Hepp. = *Fuscidea kochiana*
Lecidea kochiana var. *albescens* (Lamy) H. Magn. = *Fuscidea kochiana*
Lecidea lapicida f. *ochromela* (Nyl.) = *Lecidea lapicida*
Lecidea lapicida f. *oxydata* Rabh. = *Lecidea lapicida*
Lecidea latypha Ach. = *Lecidea plana*
Lecidea latypiza auct. = *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 lithophila f. *ochromela* Nyl. = *Lecidea lithophila*
Lecidea lithophila f. *oxydata* auct. = *Lecidea lithophila*
Lecidea lucida (Ach.) Ach. = *Psilolechia lucida*
Lecidea lurida Ach. = *Mycobilimbia lurida*
Lecidea lurida f. *pallescens* Grog. = *Mycobilimbia lurida*
Lecidea macrocarpa (DC.) Steud. = *Porpidia macrocarpa*
Lecidea macrocarpa var. *hydrophila* (Fr.) Vain. f. *ferrosa* Vain. = *Porpidia macrocarpa*
Lecidea macrocarpa var. *meiosporella* Vain. = *Porpidia macrocarpa*
Lecidea macrocarpa var. *platycarpa* (Ach.) Th. Fr. = *Porpidia macrocarpa*
Lecidea macrocarpa f. *caesiocconvexa* Vain. = *Porpidia macrocarpa*
Lecidea macrocarpa f. *contigua* (Fr.) Vain. = *Porpidia macrocarpa*
Lecidea macrocarpa f. *ferrosa* (Vain.) = *Porpidia macrocarpa*
Lecidea macrocarpa f. *microcarpa* Szatala = *Porpidia macrocarpa*
Lecidea macrocarpa f. *phaea* (Flot.) = *Porpidia macrocarpa*
Lecidea macrocarpa f. *platycarpa* (Ach.) = *Porpidia macrocarpa*
Lecidea macrocarpa f. *praetoria* (Th. Fr.) = *Porpidia macrocarpa*
Lecidea macrocarpa f. *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.) Hedl. = *Lecanora phaeostigma*
Lecidea obscurella f. *obscurata* Vain. = *Lecanora phaeostigma*
Lecidea obscurissima Nyl. = *Orphniospora mosigii*
Lecidea olivacea (Hoffm.) A. Massal. = *Lecidella elaeochroma*
Lecidea pantherina (Ach.) Th. Fr. = *Lecidea lapicida* var. *pantherina*
Lecidea pantherina var. *achariana* Vain. = *Lecidea lapicida* var. *pantherina*
Lecidea pantherina var. *lactea* (Schaer.) Vain. = *Lecidea lapicida* var. *pantherina*
Lecidea pantherina f. *ampla* (Arnold) Zahlbr. = *Lecidea lapicida* var. *pantherina*
Lecidea parasema auct. = *Lecidella elaeochroma*
Lecidea parasema var. *rugulosa* Ach. = *Lecidella elaeochroma*
Lecidea parasema f. *limitata* (Scop.) Ach. = *Lecidella elaeochroma*
Lecidea petrosa Arnold = *Farnoldia jurana*
Lecidea polycarpa Flörke = *Lecidea lapicida* var. *pantherina*
Lecidea rhaetica Hepp ex Th. Fr. = *Farnoldia micropsis*
Lecidea rufonigra (Tuck.) Nyl. = *Psorula rufonigra*
Lecidea sanguineoatra sensu Nyl. = *Mycobilimbia hypnorum*
Lecidea sanguineoatra var. *fusca* (Schaer.) Vain. = *Mycobilimbia hypnorum*
Lecidea spectabilis Flörke = *Calvitimela armeniaca*
Lecidea speirea (Ach.) Ach. = *Porpidia speirea*
Lecidea speirea f. *pruinosa* Vain. = *Porpidia speirea*
Lecidea stigmatea Ach. = *Lecidella stigmatea*

- Lecidea stigmatea* f. *egena* (Kremp.) H. Magn. = *Lecidella stigmatea*
Lecidea sylvicola Flot. = *Micarea sylvicola*
Lecidea templetonii Taylor = *Mycobilimbia hypnorum*
Lecidea tenebricosa Nyl. = *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 stigmatea*
Lecidea vulgata f. *glabra* (Kremp.) Zahlbr. = *Lecidella stigmatea*
Lecidea xanthococca Sommerf. = *Pycnora xanthococca*
Lecidea zeoroides Anzi = *Porpidia zeoroides*
- Lecidella lithophila* (Ach.) Arnold = *Lecidea lithophila*
Lecidella lithophila f. *oxydata* (Schaer.) Syd. = *Lecidea lithophila*
Lecidella parasema auct. var. *rugulosa* Ach. = *Lecidella elaeochroma*
Lecidella pruinosa Körb. = *Lecidea lithophila*
- Lecothecium corallinoides* (Hoffm.) Körb. = *Placynthium nigrum*
- Lepraria aeruginosa* auct. = *Lepraria incana*
Lepraria candelaris (L.) Fr. = *Chrysothrix candelaris*
Lepraria chlorina (Ach.) Ach. = *Chrysothrix chlorina*
Lepraria latebrarum (Ach.) Ach. = *Lecanactis latebrarum*
- Leproloma cacuminum* (A. Massal.) J.R. Laundon = *Lepraria cacuminum*
- Leptogium caesium* (Ach.) Vain. = *Leptogium cyanescens*
Leptogium corniculatum (Minks.) Körb. = *Leptogium palmatum*
Leptogium lacerum (Retz.) Gray = *Leptogium lichenoides*
Leptogium lacerum var. *pulvinatum* (Hoffm.) Mont. = *Leptogium lichenoides*
Leptogium lichenoides var. *lophaeum* (Ach.) Zahlbr. = *Leptogium lichenoides*
Leptogium lichenoides var. *pulvinatum* (Hoffm.) Zahlbr. = *Leptogium lichenoides*
Leptogium lichenoides f. *ateleum* (Ach.) Zahlbr. = *Leptogium lichenoides*
Leptogium lichenoides f. *lacerum* (Retz.) Szatala = *Leptogium lichenoides*
Leptogium occultatum (Bagl.) Zahlbr. = *Collema occultatum*
Leptogium pulvinatum (Hoffm.) Cromb. = *Leptogium lichenoides*
Leptogium sinuatum (Huds.) A. Massal. = *Leptogium gelatinosum*
Leptogium turgidum (Ach.) Cromb. = *Leptogium plicatile*
- Leptorhaphis quercus* (Beltr.) Körb. f. *macrospora* Eitner = *Cresporhaphis macrospora*
Leptorhaphis wienkampii J. Lahm ex Hazsl. = *Cresporhaphis wienkampii*
- Letharia divaricata* (L.) Hue = *Evernia divaricata*
- Limboria actinostoma* (Ach.) A. Massal. = *Diploschistes actinostomus*
- Lobaria pulmonaria* var. *hypomela* (Delise) Cromb. = *Lobaria pulmonaria*
Lobaria pulmonaria var. *sorediata* (Schaer.) = *Lobaria pulmonaria*
Lobaria pulmonaria f. *sorediata* (Schaer.) Zahlbr. = *Lobaria pulmonaria*
Lobaria verrucosa (Huds.) Hoffm. = *Lobaria scrobiculata*
- Mallotium hildenbrandii* (Garov.) A. Massal. = *Leptogium hildenbrandii*
Mallotium saturninum (Dicks.) Gray = *Leptogium saturninum*
- Melanelia acetabulum* (Neck.) Essl. = *Pleurosticta acetabulum*
- Metasphaeria cerasi* (Schrad.) Vain. = *Arthopyrenia cerasi*
Metasphaeria rhypona (Ach.) Vain. = *Naetrocymbe rhypona*
- Microglæna modesta* (Nyl.) A.L. Sm. = *Thelenella modesta*
Microglæna muscorum (Fr.) Th. Fr. = *Chromatochlamys muscorum*
Microglæna wallrothiana Körb. = *Thelenella modesta*
- Microthelia aterrima* (Kremp. ex Anzi) Zahlbr. = *Lichenothelia scopularia*
Microthelia micula Flot. ex Körb. = *Anisomeridium bifforme*
- Nephroma lusitanicum* Schaer. = *Nephroma laevigatum*
Nephroma resupinatum var. *helveticum* Ach. = *Nephroma helveticum*
Nephroma resupinatum f. *rameum* Schaer. = *Nephroma resupinatum*
- 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*
- Obyzum corniculatum* (Hoffm.) Tul. = *Leptogium palmatum*

- Ochrolechia androgyna* f. *leprosa* (Nyl.) Verseghy = *Ochrolechia androgyna*
Ochrolechia pallescens var. *tumidula* (Pers.) Körb. = *Ochrolechia pallescens*
Ochrolechia pallescens f. *laevigata* (Grognot) Verseghy = *Ochrolechia pallescens*
Ochrolechia parella var. *alboflavescens* (Wulfen) Arnold = *Ochrolechia alboflavescens*
Ochrolechia parella var. *tumidula* (Pers.) Arnold = *Ochrolechia pallescens*
Ochrolechia parella f. *corticola* (Dietr.) Kieffer = *Ochrolechia pallescens*
Ochrolechia parella f. *striata* Verseghy = *Ochrolechia parella*
Ochrolechia subtartarea (Nyl.) A. Massal. = *Ochrolechia androgyna*
Ochrolechia upsaliensis f. *exotica* Vain. = *Ochrolechia upsaliensis*
- Omphalaria pulvinata* (Schaer.) Nyl. = *Thyrea confusa*
Omphalaria pulvinata var. *latior* Nyl. = *Thyrea confusa*
- Opegrapha chevallieri* Leight. var. *heteromorpha* (Stizenb.) = *Opegrapha calcarea*
Opegrapha diaphora Ach. = *Opegrapha varia*
Opegrapha diaphora var. *violatra* (A. Massal.) H. Oliv. = *Opegrapha varia*
Opegrapha diaphora f. *violatra* (A. Massal.) = *Opegrapha varia*
Opegrapha grumulosa Dufour = *Lecanographa grumulosa*
Opegrapha pulicaris auct. = *Opegrapha varia*
Opegrapha rimalis Pers. f. *simplex* (H. Olivier) = *Opegrapha varia*
Opegrapha saxicola Ach. = *Opegrapha rupestris*
Opegrapha saxicola f. *dolomitica* Arnold = *Opegrapha rupestris*
Opegrapha varia var. *diaphora* (Ach.) Fr. = *Opegrapha varia*
Opegrapha varia var. *pulicaris* auct. = *Opegrapha varia*
Opegrapha varia var. *rimalis* (Ach.) Fr. = *Opegrapha varia*
- Pannaria brunnea* (Sw.) A. Massal. = *Protopannaria pezizoides*
Pannaria brunnea var. *coronata* (Hoffm.) A. Massal. = *Moelleropsis nebulosa*
Pannaria coeruleobadia (Schleich. ex Lam.) A. Massal. = *Pannaria conoplea*
Pannaria hypnorum (Vahl) Körb. = *Psoroma hypnorum*
Pannaria lanuginosa sensu Szatala = *Pannaria conoplea*
Pannaria microphylla (Sw.) Delise = *Fuscopannaria leucophaea*
Pannaria nebulosa (Hoffm.) Gyeln. = *Moelleropsis nebulosa*
Pannaria nebulosa f. *coronata* (Röhl.) Leight. = *Moelleropsis 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 Degel. = *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* de Lesd. = *Pleurosticta acetabulum*
Parmelia alpicola Th. Fr. = *Allantoparmelia alpicola*
Parmelia ambigua (Wulfen) Ach. = *Parmeliopsis ambigua*
Parmelia aspera A. Massal. = *Melanelia exasperata*
Parmelia aspera f. *exasperans* (Nyl.) = *Neofuscelia pulla*
Parmelia aspidota (Ach.) Poetsch = *Melanelia exasperata*
Parmelia aspidota var. *exasperans* (Nyl.) Szatala = *Neofuscelia pulla*
Parmelia aspidota var. *exasperatula* (Nyl.) P. Syd. = *Melanelia exasperatula*
Parmelia bitteriana Zahlbr. = *Hypogymnia farinacea*
Parmelia borrieri (Sm.) Turner = *Punctelia borrieri*
Parmelia caperata (L.) Ach. = *Flavoparmelia caperata*
Parmelia caperata f. *sorediata* Malbr. = *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 var. *hypoclista* Nyl. = *Xanthoparmelia sublaevis*
Parmelia conspersa var. *isidiata* (Anzi) = *Xanthoparmelia conspersa*
Parmelia conspersa f. *heterochyta* Mer. = *Xanthoparmelia conspersa*
Parmelia conspersa f. *isidiata* Anzi = *Xanthoparmelia conspersa*
Parmelia conspersa f. *latior* (Schaer.) Schaer. = *Xanthoparmelia somloensis*
Parmelia conspersa f. *stenophylla* auct. = *Xanthoparmelia somloensis*
Parmelia conspersa f. *taeniata* Anders = *Xanthoparmelia somloensis*
Parmelia contorta Bory = *Parmelia submontana*
Parmelia cylisphora (Ach.) Vain. = *Flavoparmelia caperata*
Parmelia delisei (Duby) Nyl. = *Neofuscelia delisei*
Parmelia diffusa auct. = *Parmeliopsis ambigua*

- Parmelia disjuncta* Erichsen = *Melanelia disjuncta*
Parmelia dubia (Wulfen) Schaer. = *Punctelia subrudecta*
Parmelia encausta (Sm.) Ach. = *Brodoa intestiniformis*
Parmelia encausta var. *intestiniformis* (Vill.) Th. Fr. = *Brodoa intestiniformis*
Parmelia encausta var. *multipunctata* (Ehrh.) Th. Fr. = *Brodoa intestiniformis*
Parmelia encausta var. *textilis* Ach. = *Brodoa intestiniformis*
Parmelia encausta f. *intestiniformis* (Vill.) = *Brodoa intestiniformis*
Parmelia encausta f. *multipunctata* (Ehrh.) = *Brodoa intestiniformis*
Parmelia exasperata De Not. = *Melanelia exasperata*
Parmelia exasperatula Nyl. = *Melanelia exasperatula*
Parmelia fahlunensis auct. = *Melanelia hepatizon*
Parmelia farinacea Bitter = *Hypogymnia farinacea*
Parmelia fuliginosa (Fr. ex Duby) Nyl. = *Melanelia fuliginosa* subsp. *fuliginosa*
Parmelia fuliginosa var. *laetevirens* (Flot. ex Körb.) Nyl. = *Melanelia fuliginosa* subsp. *glabratula*
Parmelia furfuracea (L.) Ach. = *Pseudevernia furfuracea* var. *furfuracea*
Parmelia furfuracea var. *candidula* (Ach.) Th. Fr. = *Pseudevernia furfuracea* var. *furfuracea*
Parmelia furfuracea var. *ceratea* Ach. = *Pseudevernia furfuracea* var. *ceratea*
Parmelia furfuracea var. *isidiophora* (Zopf) Zahlbr. = *Pseudevernia furfuracea* var. *furfuracea*
Parmelia furfuracea var. *olivetorina* (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. *soreumantica* Wallr. = *Pseudevernia furfuracea* var. *furfuracea*
Parmelia glabra (Schaer.) Nyl. = *Melanelia glabra*
Parmelia glabra f. *balkanica* Gyeln. = *Melanelia glabra*
Parmelia glomellifera Nyl. = *Neofuscelia verruculifera*
Parmelia hyperopta Ach. = *Parmeliopsis hyperopta*
Parmelia imitans (Müll. Arg.) Gyeln. f. *coloradoensis* Gyeln. = *Xanthoparmelia somloensis*
Parmelia incurva (Pers.) Fr. = *Arctoparmelia incurva*
Parmelia isidiata (Anzi) Gyeln. = *Xanthoparmelia conspersa*
Parmelia isidiotyla Nyl. = *Neofuscelia loxodes*
Parmelia laetevirens (Flot. ex Körb.) F. Rosend., nom. illeg. = *Melanelia fuliginosa* subsp. *glabratula*
Parmelia molliuscula auct. = *Xanthoparmelia somloensis*
Parmelia obscura auct. = *Phaeophyscia orbicularis*
Parmelia obscurata (Ach.) Bitter = *Hypogymnia austerodes*
Parmelia olivacea (L.) Ach. = *Melanelia olivacea*
Parmelia olivacea var. *fuliginosa* Fr. ex Duby = *Melanelia fuliginosa* subsp. *fuliginosa*
Parmelia olivaria sensu Th. Fr. = *Cetrelia olivetorum*
Parmelia olivaria var. *olivetorum* Gyeln. = *Cetrelia olivetorum*
Parmelia olivetorina (Zopf) Sandst. = *Pseudevernia furfuracea* var. *ceratea*
Parmelia olivetorina f. *candidula* (Ach.) Anders = *Pseudevernia furfuracea* var. *ceratea*
Parmelia omphalodes var. *panniformis* Ach. = *Parmelia omphalodes*
Parmelia omphalodes f. *pruinosa* Anders. = *Parmelia omphalodes*
Parmelia panniformis (Nyl.) Vain. = *Melanelia panniformis*
Parmelia perlata Ach. = *Parmotrema chinense*
Parmelia perlata f. *sorediata* (Schaer.) = *Parmotrema chinense*
Parmelia physodes (L.) Ach. = *Hypogymnia physodes*
Parmelia physodes var. *labrosa* Ach. = *Hypogymnia physodes*
Parmelia physodes var. *subcrustacea* (Flot.) Zahlbr. f. *granulosa* Harm. = *Hypogymnia physodes*
Parmelia physodes f. *elegans* Mereschk. = *Hypogymnia physodes*
Parmelia physodes f. *fornicata* Gyeln. = *Hypogymnia physodes*
Parmelia physodes f. *labrosa* (Ach.) = *Hypogymnia physodes*
Parmelia physodes f. *latior* Gyeln. = *Hypogymnia physodes*
Parmelia pokornyii (Körb.) Szatala = *Neofuscelia pokornyii*
Parmelia pokornyii f. *bulgarica* Gyeln. = *Neofuscelia pokornyii*
Parmelia prolaxa (Ach.) Carroll = *Neofuscelia pulla*
Parmelia prolaxa var. *pannariiformis* Nyl. = *Neofuscelia pulla*
Parmelia prolaxa f. *corrugata* (Kernst.) Dalla Torre & Sarnth. = *Neofuscelia pulla*
Parmelia prolaxa f. *dissecta* Hilitzer = *Neofuscelia pulla*
Parmelia prolaxa f. *integra* Gyeln. = *Neofuscelia pulla*
Parmelia pubescens (L.) Vain. = *Pseudephebe pubescens*
Parmelia pulla Ach. = *Neofuscelia pulla*
Parmelia pulla var. *delisei* (Duby) H. Magn. = *Neofuscelia delisei*
Parmelia pulla var. *pokornyii* (Körb.) Zahlbr. = *Neofuscelia pokornyii*
Parmelia pulla f. *bulgarica* Gyeln. = *Neofuscelia pulla*
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. = *Neofuscelia ryssolea*
Parmelia saxatilis var. *aizonii* Delise ex Duby = *Parmelia saxatilis*
Parmelia saxatilis var. *panniformis* (Ach.) Schaer. = *Parmelia omphalodes*
Parmelia saxatilis var. *sulcata* (Taylor) Linds. = *Parmelia sulcata*
Parmelia saxatilis f. *furfuracea* Schaer. = *Parmelia saxatilis*
Parmelia saxatilis f. *omphalodes* (L.) = *Parmelia omphalodes*
Parmelia saxatilis f. *retiruga* (DC.) = *Parmelia saxatilis*
Parmelia scortea (Hoffm.) Ach. = *Parmelina tiliacea*
Parmelia scortea f. *concrescens* Cromb. = *Parmelina tiliacea*
Parmelia scortea f. *obscurior* (Hillm.) Hillm. = *Parmelina tiliacea*

- Parmelia sorediata* (Ach.) Th. Fr. = *Melanelia sorediata*
Parmelia sprengelii Flörke = *Melanelia sorediata*
Parmelia stenophylla auct. = *Xanthoparmelia somloensis*
Parmelia stygia (L.) Ach. = *Melanelia stygia*
Parmelia stygia var. *reagens* Servit = *Melanelia stygia*
Parmelia subaurifera Nyl. = *Melanelia subaurifera*
Parmelia sulcata f. *contortoides* (Zahlbr.) = *Parmelia sulcata*
Parmelia tiliacea (Hoffm.) Ach. = *Parmelina tiliacea*
Parmelia tiliacea var. *scortea* (Ach.) Duby = *Parmelina tiliacea*
Parmelia tiliacea f. *obscurior* Hillm. = *Parmelina tiliacea*
Parmelia tiliacea f. *scortea* Ach. = *Parmelina tiliacea*
Parmelia tinctina Maheu & A. Gillet = *Xanthoparmelia tinctina*
Parmelia tribacia (Ach.) Schaer. = *Phyiscia tribacia*
Parmelia trichotera Hue = *Parmotrema chinense*
Parmelia tubulosa (Schaer.) Bitter = *Hypogymnia tubulosa*
Parmelia verruculifera Nyl. = *Neofuscelia verruculifera*
Parmelia vittata (Ach.) Nyl. = *Hypogymnia vittata*
- Parmeliella corallinoides* auct. = *Parmeliella triptophylla*
Parmeliella lepidiota (Sommerf.) Th. Fr. = *Fuscopannaria praetermissa*
Parmeliella lepidiota f. *praetermissa* (Nyl.) Gyeln. = *Fuscopannaria praetermissa*
Parmeliella lepidiota f. *sorediosa* (Vain.) Gyeln. = *Fuscopannaria praetermissa*
Parmeliella microphylla (Sw.) Müll. Arg. = *Fuscopannaria leucophaea*
- Parmeliopsis aleurites* (Ach.) Nyl. = *Imshaugia aleurites*
Parmeliopsis ambigua var. *angustata* Hillm. = *Parmeliopsis ambigua*
Parmeliopsis pallescens (Hoffm.) Zahlbr. = *Imshaugia aleurites*
- Peltigera aphthosa* var. *variolosa* A. Massal. = *Peltigera leucophebia*
Peltigera canina f. *leucorrhiza* (Floerke ex Hepp) = *Peltigera canina*
Peltigera canina f. *rufa* Kremp. = *Peltigera didactyla*
Peltigera canina f. *spongiosa* (Tuck.) = *Peltigera canina*
Peltigera canina f. *subcanina* (Gyeln.) Oxner = *Peltigera praetextata*
Peltigera canina f. *subnitens* Harm. = *Peltigera canina*
Peltigera canina f. *ulorrhiza* (Floerke) Schaer. = *Peltigera rufescens*
Peltigera erumpens (Taylor) Elenk. = *Peltigera didactyla*
Peltigera erumpens var. *hazslinszkyi* (Gyeln.) Oxner = *Peltigera didactyla*
Peltigera horizontalis f. *muscorum* (Schaer.) = *Peltigera horizontalis*
Peltigera horizontalis f. *muscorum* Schleich. = *Peltigera horizontalis*
Peltigera incusa (Flot. ex Körb.) = *Peltigera rufescens*
Peltigera leptoderma auct. = *Peltigera didactyla*
- Peltigera malacea* f. *crispa* Gyeln. = *Peltigera malacea*
Peltigera malacea f. *ulophylla* Laurer = *Peltigera malacea*
Peltigera polydactyla (Neck) Hoffm. = *Peltigera polydactylon*
Peltigera polydactyla f. *collina* Nyl. = *Peltigera polydactylon*
Peltigera polydactyla f. *hymenina* (Ach.) Flot. = *Peltigera hymenina*
Peltigera polydactyla f. *microcarpa* (Ach.) Merát = *Peltigera polydactylon*
Peltigera praetextata f. *incusa* (Flot. ex Körb.) = *Peltigera rufescens*
Peltigera rufescens f. *incusa* (Flot. ex Körb.) = *Peltigera rufescens*
Peltigera rufescens f. *isidiata* Timko = *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.) = *Peltigera didactyla*
Peltigera subcanina Gyeln. = *Peltigera praetextata*
Peltigera variolosa (A. Massal.) Gyeln. = *Peltigera leucophebia*
- Pertusaria albescens* var. *subflotowiana* (Erichsen) = *Pertusaria albescens*
Pertusaria amara f. *carpini* Erichsen = *Pertusaria amara*
Pertusaria communis DC. = *Pertusaria pertusa*
Pertusaria communis var. *leucostoma* Bernh. = *Pertusaria leioplaca*
Pertusaria communis var. *variolosa* auct. = *Pertusaria pertusa*
Pertusaria dacica Erichsen = *Pertusaria albescens*
Pertusaria discoidea (Pers.) Malme = *Pertusaria albescens*
Pertusaria discoidea var. *albida* (Erichsen) = *Pertusaria albescens*
Pertusaria globulifera (Turner) A. Massal. = *Pertusaria albescens*
Pertusaria globulifera var. *subflotowiana* Erichsen = *Pertusaria albescens*
Pertusaria henrici sensu Erichsen = *Pertusaria albescens*
Pertusaria laevigata (Th. Fr.) Anzi var. *discrepans* Erichsen = *Pertusaria alpina*
Pertusaria leioplaca var. *tetraspora* Th. Fr. = *Pertusaria leioplaca*
Pertusaria leucosora auct. = *Pertusaria aspergilla*
Pertusaria leucostoma A. Massal. = *Pertusaria leioplaca*
Pertusaria lutescens (Hoffm.) Lamy = *Pertusaria flavida*
Pertusaria ocellata f. *variolosa* (Flot.) Rabenh. = *Pertusaria ocellata*
Pertusaria orbiculata (Schreb.) Zahlbr. = *Pertusaria albescens*
Pertusaria pertusa var. *polycarpa* (Clemente) Zahlbr. = *Pertusaria pertusa*
Pertusaria rupestris (DC.) Schaer. = *Pertusaria pertusa*
Pertusaria wulfenii DC. = *Pertusaria hymenea*
Pertusaria wulfenii var. *rupicola* Fr. = *Pertusaria rupicola*
- Phaeophyscia luganensis* (Mereschk.) Moberg = *Phaeophyscia chloantha*

- Physcia aipolia* var. *acrita* (Ach.) Hue = *Physcia aipolia*
Physcia aipolia var. *ambigua* (Ehrh.) H. Olivier = *Physcia aipolia*
Physcia aipolia var. *anthelina* (Ach.) Vain. = *Physcia aipolia*
Physcia aipolia f. *acrita* (Ach.) = *Physcia aipolia*
Physcia aipolia f. *caesiopruinosa* (Arnold) Sántha = *Physcia aipolia*
Physcia aipolia f. *cercidia* (Ach.) = *Physcia aipolia*
Physcia aipolia f. *dentata* Nádv. = *Physcia aipolia*
Physcia aipolia f. *nikoloffi* Gyeln. = *Physcia aipolia*
Physcia albinea var. *teretiuscula* (Ach.) H. Olivier = *Physcia dubia*
Physcia "ascendens" = *Physcia adscendens*
Physcia ascendens f. *distracta* Lettau = *Physcia adscendens*
Physcia ascendens f. *echinata* Nádv. = *Physcia adscendens*
Physcia caesia var. *melops* (Vain.) = *Physcia albinea*
Physcia ciliaris (L.) DC. = *Anaptychia ciliaris*
Physcia ciliaris var. *crinalis* (Schleich.) Schaer. = *Anaptychia crinalis*
Physcia ciliaris var. *verrucosa* (Ach.) Nyl. = *Anaptychia ciliaris*
Physcia ciliata (Hoffm.) Du Rietz = *Phaeophyscia ciliata*
Physcia ciliata f. *chloantha* (Ach.) Nádv. = *Phaeophyscia chloantha*
Physcia ciliata f. *sorediifera* (Nyl.) Sántha = *Phaeophyscia ciliata*
Physcia dubia f. *arnoldii* Nádv. = *Physcia dubia*
Physcia endococcina (Körb.) Th. Fr. = *Phaeophyscia endococcina*
Physcia endococcinea var. *albicans* (Nyl.) Sántha = *Phaeophyscia endococcina*
Physcia enteroxanthella (Harm.) H. Olivier f. *argyphaeoides* (Harm.) = *Physconia enteroxantha*
Physcia farrea (Ach.) Vain. = *Physconia grisea*
Physcia farrea f. *furfuracea* Merešk. = *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. f. *limbatula* (Harm.) Szatala = *Physconia enteroxantha*
Physcia lithotea (Ach.) Nyl. f. *muscicola* (Schaer.) Harm. = *Phaeophyscia sciastra*
Physcia marina (E. Nyl.) Lyngé = *Physcia tenella*
Physcia melops Dufour ex Nyl. = *Physcia phaea*
Physcia muscigena (Ach.) Nyl. = *Physconia muscigena*
Physcia muscigena var. *isidiata* Lyngé = *Physconia muscigena*
Physcia muscigena var. *lenta* (Ach.) = *Physconia muscigena*
Physcia nigricans (Flörke) Stizenb. = *Phaeophyscia nigricans*
Physcia nigricans var. *tremulicola* (Nyl.) Lyngé = *Phaeophyscia nigricans*
Physcia obscura (Ehrh. ex Humb.) Fürnr. = *Phaeophyscia orbicularis*
Physcia obscura var. *adscendens* Flot. = *Physcia adscendens*
Physcia obscura var. *cycloselis* (Ach.) = *Phaeophyscia orbicularis*
Physcia orbicularis (Neck) Poetsch = *Phaeophyscia orbicularis*
Physcia orbicularis f. *chloantha* (Ach.) = *Phaeophyscia chloantha*
Physcia phaea (Turn.) Vain = *Physconia perisidiosa*
Physcia pulverulenta ("Hoffm.") Fürnr. = *Physconia distorta*
Physcia pulverulenta var. *allochroa* (Schaer.) Th. Fr. = *Physconia distorta*
Physcia pulverulenta var. *argyphaea* (Ach.) Nyl. = *Physconia distorta*
Physcia pulverulenta var. *farrea* (Vain.) = *Physconia grisea*
Physcia pulverulenta var. *muscigena* Nyl. = *Physconia muscigena*
Physcia pulverulenta var. *turgida* (Schaer.) Mong. = *Physconia distorta*
Physcia pulverulenta var. *venusta* (Ach.) Nyl. = *Physconia venusta*
Physcia pulverulenta f. *albomarginata* Nádv. = *Physconia distorta*
Physcia pulverulenta f. *angustata* (Hoffm.) Leight. = *Physconia distorta*
Physcia pulverulenta f. *gypsaceae* Nádv. = *Physconia distorta*
Physcia pulverulenta f. *lenta* (Ach.) = *Physconia muscigena*
Physcia sciastra (Ach.) Du Rietz = *Phaeophyscia sciastra*
Physcia sciastra f. *endococcina* (Körb.) M. Choisy = *Phaeophyscia endococcina*
Physcia sciastra f. *musculicola* (Schaer.) Szatala = *Phaeophyscia sciastra*
Physcia sciastrella (Nyl.) Harm. f. *nigrescens* Harm. = *Phaeophyscia nigricans*
Physcia speciosa (Wulfen) Nyl. = *Heterodermia speciosa*
Physcia stellaris var. *adpressa* Th. Fr. f. *aipolia* (Ehrh. ex Humb.) Th. Fr. = *Physcia aipolia*
Physcia stellaris var. *adscendens* (Fr.) Th. Fr. f. *tenella* (Scop.) P. Syd. = *Physcia tenella*
Physcia stellaris var. *radiata* (Ach.) Nyl. = *Physcia stellaris*
Physcia stellaris var. *rosulata* (Ach.) Hue = *Physcia stellaris*
Physcia stellaris f. *radiata* (Ach.) = *Physcia stellaris*
Physcia stellaris f. *rosulata* (Ach.) = *Physcia stellaris*
Physcia stellaris f. *subanthelina* Harm. = *Physcia stellaris*
Physcia stellaris f. *tenella* (Scop.) = *Physcia tenella*
Physcia stellaris f. *tuberculata* (Kernst.) Dalla Torre & Sarnth. = *Physcia stellaris*
Physcia stellaris f. *viridescens* Gyeln. & Nikoloff = *Physcia stellaris*
Physcia teretiuscula (Ach.) Lyngé = *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 caesia*
Physconia pulverulenta ("Hoffm.") Poelt = *Physconia distorta*
Placidiopsis trachytica (Hazsl.) Servít = *Placopyrenium trachyticum*

- Placodium albescens* (Hoffm.) DC. = *Lecanora albescens*
Placodium albomarginatum (Nyl.) Szatala = *Protoparmeliopsis muralis*
Placodium callopismum (Ach.) Mérat = *Caloplaca aurantia*
Placodium chrysoleucum (Sm.) Körb. = *Rhizoplaca chrysoleuca*
Placodium chrysoleucum (Sm.) Link var. *melanophthalma* (DC.) Bagl. & Carestia = *Rhizoplaca melanophthalma*
Placodium circinatum (Pers.) Gray = *Lobothallia radiosa*
Placodium circinatum var. *myrrhinum* Körb. = *Lobothallia radiosa*
Placodium circinatum var. *radiosum* (Hoffm.) Körb. = *Lobothallia radiosa*
Placodium circinatum f. *farinosa* Hue = *Lobothallia radiosa*
Placodium crassum (Huds.) Link = *Squamarina cartilaginea*
Placodium crassum var. *caespitosum* (Vill.) Trevis. = *Squamarina cartilaginea*
Placodium crassum f. *dealbatum* (A. Massal.) Müll. Arg. = *Squamarina cartilaginea*
Placodium fragile (Scop.) Szatala = *Squamarina gypsacea*
Placodium fragile var. *subcetrarioides* (Zahlbr.) Szatala = *Squamarina gypsacea*
Placodium garowaglii Körb. = *Lecanora garowaglii*
Placodium gypsacaeum (Sm.) Trevis. = *Squamarina gypsacea*
Placodium incusum (Flot.) Szatala = *Caloplaca demissa*
Placodium lentigerum (Weber) Gray = *Squamarina lentigera*
Placodium melanophthalmum (Ramond) Szatala = *Rhizoplaca melanophthalma*
Placodium murale (Schreb.) Frege = *Protoparmeliopsis muralis*
Placodium murale var. *alboeffiguratum* (Anzi) = *Protoparmeliopsis muralis*
Placodium murale var. *compactum* Körb. = *Protoparmeliopsis muralis*
Placodium murale var. *diffractum* (Ach.) Arnold = *Protoparmeliopsis muralis*
Placodium murale var. *macrocyclos* H. Magn. = *Protoparmeliopsis muralis*
Placodium murale var. *versicolor* (Pers.) Rabenh. = *Protoparmeliopsis muralis*
Placodium murorum (Hoffm.) DC. = *Caloplaca saxicola*
Placodium praeradiosum (Nyl.) Szatala = *Lobothallia praeradiosa*
Placodium radiosum (Hoffm.) Ach. = *Lobothallia radiosa*
Placodium rubinum (Vill.) Müll. Arg. = *Rhizoplaca chrysoleuca*
Placodium rubinum f. *complicatum* (Ach.) Szatala = *Rhizoplaca chrysoleuca*
Placodium saxicolum (Poll.) Frege = *Protoparmeliopsis muralis*
Placodium saxicolum var. *diffractum* (Ach.) Flot. = *Protoparmeliopsis muralis*
Placodium saxicolum var. *versicolor* (Pers.) Flot. = *Protoparmeliopsis muralis*
Placodium saxicolum var. *vulgare* Körb. = *Protoparmeliopsis muralis*
- Placodium saxicolum* f. *riparium* (Körb.) Flot. = *Protoparmeliopsis muralis*
Placodium subcircinatum (Nyl.) Arnold = *Lobothallia radiosa*
Placodium teichoteum (Nyl.) Boist. = *Lecanora pruinosa*
Placodium versicolor (Pers.) Frege = *Protoparmeliopsis muralis*
Placynthium nigrum var. *triseptatum* (Nyl.) Hue = *Placynthium nigrum*
Placynthium nigrum f. *densatum* (Harm.) Harm. = *Placynthium nigrum*
Placynthium nigrum f. *triseptatum* (Nyl.) = *Placynthium nigrum*
Polyblastia bavarica (Dalla Torre & Sarnth.) Zschacke = *Polyblastia sepulta*
Polychidium albociliatum (Desm.) Zahlbr. = *Leptochidium albociliatum*
Porina aenea (Wallr.) Zahlbr. = *Pseudosagedia aenea*
Porina carpinea (Pers. ex Ach.) Zahlbr. = *Pseudosagedia aenea*
Porina chlorotica (Ach.) Müll. Arg. = *Pseudosagedia chlorotica*
Porocyphus furfurellus (Nyl.) Forssell = *Porocyphus coccodes*
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.) Lettau = *Protoblastenia incrustans*
Psora demissa (Rustr.) Hepp = *Lecidoma demissum*
Psora lurida (Ach.) DC. = *Mycobilimbia 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. = *Eopyrenula leucoplaca*
Pyrenula glabrata (Ach.) A. Massal. = *Pyrenula laevigata*
Pyrenula leucoplaca (Wallr.) Körb. 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 var. *multifida* Ach. = *Ramalina farinacea*
Ramalina farinacea var. *pendulina* (Ach.) Ach. = *Ramalina farinacea*
Ramalina farinacea var. *phalerata* (Ach.) Ach. = *Ramalina farinacea*
Ramalina farinacea f. *pendulina* (Ach.) = *Ramalina farinacea*
Ramalina farinacea f. *phalerata* (Ach.) = *Ramalina farinacea*
Ramalina fraxinea var. *calicariiformis* Nyl. = *Ramalina fraxinea*
Ramalina fraxinea var. *fastuosa* (A. Massal.) Motyka = *Ramalina fraxinea*
Ramalina fraxinea f. *ampliata* (Ach.) = *Ramalina fraxinea*
Ramalina fraxinea f. *attenuata* Nyl. = *Ramalina fraxinea*
Ramalina fraxinea f. *luxurians* Delise = *Ramalina fraxinea*
Ramalina landroensis Zopf = *Ramalina sinensis*
Ramalina mediterranea H. Magn. = *Ramalina breviscula*
Ramalina obtusata (Arnold) Bitter var. *ventricosa* (Eitner) Keissl. = *Ramalina obtusata*
Ramalina pollinaria var. *humulis* Ach. = *Ramalina pollinaria*
Ramalina pollinaria var. *humulis* f. *cucullata* (Harm.) = *Ramalina pollinaria*
Ramalina pollinaria var. *humulis* f. *rupestris* (Flörke) = *Ramalina pollinaria*
Ramalina pollinaria f. *cucullata* Harm. = *Ramalina pollinaria*
Ramalina pollinaria f. *rupestris* Flörke = *Ramalina pollinaria*
Ramalina polymorpha f. *cariosa* Erichsen = *Ramalina polymorpha*
Ramalina populina (Hoffm.) Vain. = *Ramalina fastigiata*
Ramalina strepsilis (Ach.) Zahlbr. = *Ramalina capitata*

Rhizocarpon alboatrum (Hoffm.) Anzi var. *epipolium* auct. = *Diplotomma epipolium*
Rhizocarpon badioatrum f. *subinnatum* (Vain.) Malme = *Rhizocarpon badioatrum*
Rhizocarpon badioatrum f. *vulgare* (Körb.) Th. Fr. = *Rhizocarpon badioatrum*
Rhizocarpon calcareum (Ach.) Anzi = *Rhizocarpon umbilicatum*
Rhizocarpon chionophilum Th. Fr. = *Rhizocarpon alpicola*

Rhizocarpon chionophyllum f. *decoloratum* Vain. = *Rhizocarpon alpicola*
Rhizocarpon concentricum auct. = *Rhizocarpon petraeum*
Rhizocarpon concentricum var. *excentricum* (Ach.) P. Syd. = *Rhizocarpon petraeum*
Rhizocarpon concentricum f. *subconcentricum* (Fr.) Vain. = *Rhizocarpon petraeum*
Rhizocarpon concretum (Ach.) Elenkin = *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 var. *atrovirens* (L.) A. Massal. = *Rhizocarpon geographicum*
Rhizocarpon geographicum var. *geronticum* (Ach.) = *Rhizocarpon geographicum*
Rhizocarpon geographicum var. *lecanorinum* Körb. = *Rhizocarpon lecanorinum*
Rhizocarpon geographicum f. *atrovirens* (L.) = *Rhizocarpon geographicum*
Rhizocarpon geographicum f. *contiguum* (Schaer.) = *Rhizocarpon geographicum*
Rhizocarpon geographicum f. *flavopallescens* (Lamy) Boist. = *Rhizocarpon geographicum*
Rhizocarpon geographicum f. *lecanorinum* (Körb.) = *Rhizocarpon lecanorinum*
Rhizocarpon koerberi (Stein) = *Rhizocarpon hochstetteri*
Rhizocarpon lindsayanum Räsänen subsp. *lindsayanum* = *Rhizocarpon geographicum* subsp. *lindsayanum*
Rhizocarpon montagnei Körb. = *Rhizocarpon disporum*
Rhizocarpon obscuratum auct. = *Rhizocarpon reductum*
Rhizocarpon obscuratum f. *lavatum* (Fr.) Th. Fr. = *Rhizocarpon lavatum*
Rhizocarpon oreites (Vain.) Zahlbr. = *Rhizocarpon alpicola*
Rhizocarpon petraeum var. *subconcentricum* Körb. = *Rhizocarpon petraeum*
Rhizocarpon petraeum f. *cinereum* (Flot.) Jatta = *Rhizocarpon petraeum*
Rhizocarpon subclucidum Räsänen = *Rhizocarpon saanaense*
Rhizocarpon tinei (Tornab.) Runemark subsp. *tinei* = *Rhizocarpon geographicum* subsp. *geographicum*
Rhizocarpon tinei subsp. *vulgare* Runemark = *Rhizocarpon geographicum* subsp. *geographicum*

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 gennarii*

- Rinodina discolor* (Hepp) Arnold = *Rinodina oxydata*
Rinodina discolor var. *candida* (Schaer.) Arnold = *Rinodina oxydata*
- Rinodina mougeotiioides* Nyl. = *Dimelaena oreina*
Rinodina nimbose (Fr.) Th. Fr. = *Phaeorrhiza nimbose*
Rinodina ocellata (Hoffm.) Arnold = *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 gennarii*
Rinodina subconfragosa (Nyl.) Flagey = *Rinodina milvina*
Rinodina subexigua (Nyl.) H. Olivier = *Rinodina gennarii*
Rinodina subglaucescens (Nyl.) Sheard = *Rinodina beccariana*
- Roccella fucoides* (Dicks.) Vain. = *Roccella phycopsis*
- Sagedia carpinea* (Pers. ex Ach.) A. Massal. = *Pseudosagedia aenea*
- Sarcogyne cyclocarpa* (Anzi) J. Steiner = *Polysporina cyclocarpa*
Sarcogyne pruinosa auct. = *Sarcogyne regularis*
Sarcogyne pruinosa var. *intermedia* (Körb.) = *Sarcogyne regularis*
Sarcogyne pruinosa var. *macroloma* (Flörke ex Körb.) = *Sarcogyne regularis*
Sarcogyne pruinosa f. *illuta* Ach. = *Sarcogyne regularis*
Sarcogyne pruinosa f. *macroloma* Flörke ex Körb. = *Sarcogyne regularis*
Sarcogyne simplex (Davies) Nyl. = *Polysporina simplex*
Sarcogyne simplex var. *goniophila* (Flörke) = *Polysporina simplex*
Sarcogyne subfuscescens (Nyl.) Boist. = *Polysporina lapponica*
- Scoliciosporium turgidum* Körb. = *Scoliciosporium umbrinum*
- Sphyridium byssoides* (L.) Th. Fr. = *Baeomyces rufus*
Sphyridium byssoides var. *rupestre* (Pers.) Rabenh. = *Baeomyces rufus*
- Sporastatia cinerea* Th. Fr. = *Sporastatia polyspora*
Sporastatia (*Biatorella*) *cinerea* (Schaer.) Körb. = *Sporastatia polyspora*
Sporastatia morio auct. = *Sporastatia testudinea*
Sporastatia morio var. *coracina* (Sommerf.) Th. Fr. = *Sporastatia testudinea*
- Squamaria carbonatica* Gyeln. = *Lecanora carbonatica*
Squamaria melanophthalma (Ramond) = *Rhizoplaca melanophthalma*
Squamaria muralis (Ramond) = *Protoparmeliopsis muralis*
Squamaria peltata (Ramond) = *Rhizoplaca peltata*
Squamaria saxicola (Hoffm.) = *Caloplaca saxicola*
Squamaria saxicola var. *vulgaris* = *Caloplaca saxicola*
- Squamaria silicea* Gyeln. f. *bulgarica* Gyeln. = *Lecanora silicea* f. *bulgarica*
- Squamarina crassa* (Huds.) Poelt = *Squamarina cartilaginea*
Squamarina gypsacea var. *subcetrarioides* (Zahlbr.) Pišút = *Squamarina gypsacea*
- Staurothele catalepta* auct. = *Staurothele frustulenta*
Staurothele catalepta f. *spadicea* Mig. = *Staurothele frustulenta*
Staurothele clopima auct. = *Staurothele areolata*
Staurothele lithina (Ach.) Zahlbr. = *Staurothele fissa*
- Stereocaulon evolutoides* (H. Magn.) Frey = *Stereocaulon saxatile*
Stereocaulon microscopicum (Vill.) Frey = *Leprocaulon microscopicum*
Stereocaulon nanum (Ach.) Ach. = *Leprocaulon microscopicum*
Stereocaulon quisquiliare (Leers) Hoffm. = *Leprocaulon microscopicum*
- Sticta amplissima* (Scop.) Rabenh. = *Lobaria 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. = *Lobaria scrobiculata*
- Synalissa ramulosa* auct. = *Synalissa symphorea*
- Synechoblastus flaccidus* (Ach.) Körb. = *Collema flaccidum*
Synechoblastus laureri Sw. ex Körb. = *Collema undulatum*
- Teloschistes contortuplicatus* (Ach.) Clauzade & Rondon = *Xanthoria contortuplicata*
- Tephromela armeniaca* (DC.) Hertel & Rambold = *Calvitimela armeniaca*
- Thalloidima caeruleonigricans* auct. = *Toninia sedifolia*
Thalloidima caeruleonigricans var. *opuntioides* (Vain.) = *Toninia sedifolia*
Thalloidima caeruleonigricans var. *subcandidum* Vain. = *Toninia sedifolia*
Thalloidima candidum (Weber) A. Massal. = *Toninia candida*
Thalloidima mammillare (Gouan) A. Massal. = *Toninia tumidula*
Thalloidima mesenteriforme (Vill.) Arnold = *Toninia tumidula*
Thalloidima tabacinum auct. = *Toninia tristis*
Thalloidima vesiculare (Hoffm.) Boistel = *Toninia sedifolia*
- Thamnolia subuliformis* (Ehrh.) W.L. Culb. = *Thamnolia vermicularis* var. *subuliformis*

- Thelenella muscorum* (Fr.) Vain. = *Chromatochlamys muscorum*
var. *muscorum*
- Thelidium absconditum* (Hepp) Rabenh. = *Thelidium*
decipiens
- Thelidium amylaceum* auct. = *Thelidium decipiens*
- Thyrea nummularia* (Durieu & Mont.) Zahlbr. = *Anema*
nummularium
- Thyrea pulvinata* auct. = *Thyrea confusa*
- Toninia affinis* Vězda = *Toninia aromatica*
- Toninia caeruleonigricans* auct. = *Toninia sedifolia*
- Toninia conglomerata* (Ach.) Boistel = *Psorinia conglomerata*
- Toninia cretzoii* de Lesd. = *Lecania nylanderiana*
- Toninia lobulata* (Sommerf.) Lyngb. = *Bilimbia lobulata*
- Toninia squarrosa* (Ach.) Th. Fr. = *Toninia squalida*
- Toninia syncomista* (Flörke) Th. Fr. = *Bilimbia lobulata*
- Toninia tabacina* auct. = *Toninia tristis*
- Trapelia mooreana* (Carroll) P. James = *Ainoa mooreana*
- Umbilicaria corrugata* Hoffm. = *Umbilicaria proboscidea*
- Umbilicaria cylindrica* var. *denudata* (Turner) Frey =
Umbilicaria cylindrica
- Umbilicaria cylindrica* var. *fimbriata* Nyl. = *Umbilicaria*
cylindrica
- Umbilicaria cylindrica* f. *mesenteriformis* (Wulfen) Frey =
Umbilicaria cylindrica
- Umbilicaria cylindrica* var. *tornata* (Ach.) Nyl. = *Umbilicaria*
cylindrica
- Umbilicaria depressa* (Ach.) Duby = *Umbilicaria crustulosa*
- Umbilicaria erosa* Ach. = *Umbilicaria torrefacta*
- Umbilicaria murina* (Ach.) DC. = *Umbilicaria grisea*
- Umbilicaria pustulata* (L.) Hoffm. = *Lasallia pustulata*
- Umbilicaria reticulata* (Schaer.) Carestia = *Umbilicaria*
decussata
- Urceolaria ocellata* (Vill.) DC. = *Diploschistes ocellatus*
- Urceolaria scruposa* (Schreb.) Ach. = *Diploschistes scruposus*
- Urceolaria scruposa* var. *albissima* auct. = *Diploschistes*
diacapsis
- Urceolaria scruposa* var. *arenarius* (Schaer.) Müll. = *Diploschistes*
muscorum
- Urceolaria scruposa* var. *bryophila* (Ehrh.) Ach. = *Diploschistes*
muscorum
- Usnea alpina* Motyka = *Usnea scabrata*
- Usnea arnoldii* Motyka = *Usnea lapponica*
- Usnea barbata* (L.) Weber ex F.H. Wigg. = *Usnea scabrata*
- Usnea barbata* var. *dasy-poga* (Ach.) Fr. = *Usnea filipendula*
- Usnea barbata* var. *florida* (L.) Fr. = *Usnea florida*
- Usnea barbata* var. *hirta* (L.) Fr. = *Usnea hirta*
- Usnea barbata* var. *plicata* (L.) Fr. = *Usnea scabrata*
- Usnea carpatica* Motyka = *Usnea intermedia*
- Usnea catenulata* Motyka = *Usnea scabrata*
- Usnea caucasica* Motyka = *Usnea scabrata*
- Usnea cavernosa* subsp. *arnoldiana* (Zahlbr.) Motyka var.
arnoldiana = *Usnea cavernosa*
- Usnea cavernosa* subsp. *arnoldiana* var. *sibirica* (Räsänen)
Motyka = *Usnea cavernosa*
- Usnea cembricola* Motyka = *Usnea scabrata*
- Usnea comosa* (L.) Vain. = *Usnea subfloridana*
- Usnea comosa* subsp. *glaucina* (Motyka) Motyka var.
scabriuscula Motyka = *Usnea subfloridana*
- Usnea comosa* subsp. *gorganensis* Motyka var. *scabriuscula*
Motyka = *Usnea subfloridana*
- Usnea dasy-poga* (Ach.) Shirley = *Usnea filipendula*
- Usnea dasy-poga* subsp. *bicolor* Motyka = *Usnea filipendula*
- Usnea dasy-poga* subsp. *dasy-poga* var. *grisea* Motyka = *Usnea*
filipendula
- Usnea dasy-poga* subsp. *dasy-poga* var. *major* (Motyka) Motyka
= *Usnea filipendula*
- Usnea dasy-poga* subsp. *melanopoga* Motyka = *Usnea*
filipendula
- Usnea dasy-poga* subsp. *stramineola* Motyka = *Usnea*
filipendula
- Usnea dasy-poga* subsp. *tuberculata* Motyka = *Usnea*
filipendula
- Usnea dasy-poga* var. *flaccida* (J. Steiner) Motyka = *Usnea*
filipendula
- Usnea dasy-poga* var. *grisea* Motyka = *Usnea filipendula*
- Usnea dasy-poga* var. *spuria* (Motyka) = *Usnea filipendula*
- Usnea distincta* Motyka = *Usnea glabrescens*
- Usnea esthonica* Räsänen = (?) *Usnea filipendula*
- Usnea extensa* Vain. = *Usnea glabrescens*
- Usnea faginea* Motyka = *Usnea intermedia*
- Usnea faginea* var. *cirrhosa* Motyka = *Usnea rigida*
- Usnea flagellata* Motyka = *Usnea filipendula*
- Usnea florida* subsp. *arbuscula* Motyka = *Usnea florida*
- Usnea foveata* Vain. = *Usnea hirta*
- Usnea freyi* Motyka = *Usnea scabrata*
- Usnea glauca* Motyka = *Usnea intermedia*
- Usnea hirta* Wigg. subsp. *comiformis* (Motyka) Motyka =
Usnea hirta
- Usnea hirta* subsp. *helvetica* Motyka = *Usnea hirta*
- Usnea loricata* auct. = (?) *Usnea filipendula*
- Usnea leiopoga* Motyka = *Usnea chaetophora*
- Usnea maxima* Motyka = *Usnea scabrata*
- Usnea meylanii* Motyka = *Usnea filipendula*
- Usnea microcarpa* Arnold = *Usnea cavernosa*
- Usnea monstrosa* Vain. = *Usnea lapponica*
- Usnea montana* Motyka = *Usnea intermedia*
- Usnea muricata* Motyka = *Usnea filipendula*
- Usnea neglecta* Motyka = *Usnea intermedia*
- Usnea pendulina* Motyka = *Usnea scabrata*
- Usnea perplectans* auct. = *Usnea lapponica*
- Usnea plicata* (L.) F.H. Wigg. = *Usnea scabrata*
- Usnea protea* Motyka = *Usnea intermedia*
- Usnea rigida* (Ach.) Motyka = *Usnea intermedia*
- Usnea scabrata* subsp. *nylanderiana* Motyka = *Usnea scabrata*

- Usnea scrobiculata* Motyka = *Usnea scabrata*
Usnea smaragdina Motyka = *Usnea intermedia*
Usnea soreidiifera auct. = *Usnea substerilis*
Usnea soreidiifera var. *substerilis* (Motyka) Keissl. = *Usnea substerilis*
Usnea subclaxa Vain. = *Usnea filipendula*
Usnea subscabrata (Vain.) Motyka = *Usnea scabrata*
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 scabrata*
- Verrucaria acrotella* f. *hypothallina* Vain. = *Verrucaria acrotella*
Verrucaria acrotella f. *subathallina* Vain. = *Verrucaria acrotella*
Verrucaria bosniaca Servít var. *cretzoiuana* Servít = *Bagliettoa baldensis*
Verrucaria chlorotica Ach. = *Pseudosagedia chlorotica*
Verrucaria decussata Garov. = *Verrucaria cyanea*
Verrucaria dolomitica (A. Massal.) Kremp. = *Verrucaria foveolata*
Verrucaria dufourii var. *applanata* de Lesd. = *Verrucaria dufourii*
Verrucaria dufourii f. *macularis* (Schaer.) = *Verrucaria dufourii*
Verrucaria elaeomelaena f. *silicicola* Zschacke = *Verrucaria elaeomelaena*
Verrucaria gyełnikii Servít = *Bagliettoa parmigera*
Verrucaria interrupta (Arnold) J. Steiner = *Verrucaria calciseda*
Verrucaria laevata auct. = *Verrucaria aethiobola*
Verrucaria lecideoides (A. Massal.) Trevis. var. *cretzoiui* Servít = *Verrucaria lecideoides*
Verrucaria lecideoides var. *minuta* (A. Massal.) Hepp = *Verrucaria minuta*
Verrucaria margacea var. *viridulata* (Nyl.) Zschacke = *Verrucaria margacea*
Verrucaria marmorea var. *purpurascens* A. Massal. = *Verrucaria marmorea*
Verrucaria marmorea var. *rosea* (A. Massal.) A. Zahlbr. = *Verrucaria marmorea*
Verrucaria maura f. *humilior* Vain. = *Verrucaria maura*
Verrucaria muralis f. *ferruginosa* Nyl. = *Verrucaria muralis*
Verrucaria nigrescens var. *controversa* (A. Massal.) Trevis. = *Verrucaria nigrescens*
Verrucaria nigrescens var. *fuscoatra* Stein = *Verrucaria nigrescens*
Verrucaria nigrescens f. *nigricans* (Arnold) Zahlbr. = *Verrucaria nigrescens*
Verrucaria parmigera J. Steiner = *Bagliettoa baldensis*
Verrucaria parmigera f. *circumarata* J. Steiner = *Bagliettoa baldensis*
Verrucaria plumbea Ach. = *Verrucaria caerulea*
- Verrucaria pontica* Erichs. = *Verrucaria dobrogensis*
Verrucaria purpurascens Hoffm. = *Verrucaria marmorea*
Verrucaria purpurascens var. *hoffmannii* Körb. = *Verrucaria marmorea*
Verrucaria sphaerospora f. *umbrina* Servít = *Verrucaria sphaerospora*
Verrucaria sphinctrina Ach. = *Bagliettoa limborioides*
Verrucaria sphinctrina f. *baldensis* (A. Massal.) J. Steiner = *Bagliettoa baldensis*
Verrucaria sphinctrina f. *insculpta* (A. Massal.) J. Steiner = *Bagliettoa baldensis*
Verrucaria subfuscella Nyl. = (?) *Verrucaria glaucina*
Verrucaria submersa Schaer. = *Verrucaria submersella*
Verrucaria veronensis A. Massal. = (?) *Verrucaria foveolata*
Verrucaria virens Nyl. = *Verrucaria glaucovirens*
- Xanthocarpia ochracea* (Schaer.) A. Massal. = *Caloplaca ochracea*
- Xanthoria aureola* auct. = *Xanthoria calcicola*
Xanthoria candelaria f. *fulva* (Hoffm.) Zahlbr. = *Xanthoria fulva*
Xanthoria concolor (Dicks.) Th. Fr. = *Candelaria concolor*
Xanthoria elegans var. *caespitosa* (Müll. Arg.) Poelt = *Xanthoria contortuplicata*
Xanthoria isidoidea (Beltram.) Szatala = *Xanthoria mediterranea*
Xanthoria lychnea (Ach.) Th. Fr. = *Xanthoria candelaria*
Xanthoria lychnea var. *polycarpa* (Hoffm.) Th. Fr. = *Xanthoria polycarpa*
Xanthoria lychnea var. *pygmaea* (Bory) Th. Fr. = *Xanthoria candelaria*
Xanthoria parietina var. *adpressa* Mereschk. = *Xanthoria parietina*
Xanthoria parietina var. *aureola* auct. = *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.) Th. Fr. = *Xanthoria polycarpa*
Xanthoria parietina var. *vulgaris* (Körb.) Stein = *Xanthoria parietina*
Xanthoria parietina f. *chlorina* (Chevall.) H. Olivier = *Xanthoria parietina*
Xanthoria parietina f. *cinerascens* (Leight.) Berg = *Xanthoria parietina*
Xanthoria parietina f. *microphyllina* Arnold = *Xanthoria parietina*
Xanthoria parietina f. *phlogina* (Ach.) Mig. = *Caloplaca citrina*
Xanthoria parietina f. *virescens* (Nyl.) Hillm. = *Xanthoria parietina*
Xanthoria substellaris (Ach.) Vain. = *Xanthoria fallax*

Xylographa abietina (Pers.) Zahlbr. = *Xylographa parallela*
Xylographa abietina var. *parallela* (Ach.) Redinger = *Xylographa parallela*
Xylographa abietina var. *parallela* f. *pallens* (Nyl.) = *Xylographa parallela*
Xylographa abietina f. *pallens* (Nyl.) = *Xylographa parallela*
Xylographa spilomatica (Anzi) Th. Fr. = *Xylographa vitiligo*

Lichenicolous fungi

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

Non lichenized fungi

Arthopyrenia atomaria (Ach.) Müll. Arg. = *Leptorhaphis atomaria*
Arthopyrenia punctiformis var. *atomaria* (Ach.) Anzi = *Leptorhaphis atomaria*
Calicium compressulum (Nyl.) Cretz. = *Phaeocalicium compressulum*
Calicium subtile Pers. = *Mycocalicium subtile*
Campylacia epidermidis (Ach.) Vain. = *Leptorhaphis epidermidis*
Campylacia psilota (Nyl.) Vain. = *Leptorhaphis psilota*
Didymella atomaria (Ach.) Szatala = *Leptorhaphis atomaria*
Mycocalicium compressulum Nyl. ex Vain. = *Phaeocalicium compressulum*
Mycocalicium subtile (Pers.) Szatala f. *minutella* (Ach.) Szatala = *Mycocalicium subtile*

Excluded and doubtful taxa

Alectoria prolixa (Ach.) Nyl. [8, 15] (Popnikolov & Zhelezova 1964) [Nat'l Hist Mus] – *nom. confusum*
Collema rhodopensis Szatala [17] (Szatala 1930; Popnikolov & Zhelezova 1964) = *Nostoc parmelioides* Kütz. (Cyanobacteria)
Rinodina laevigata (Ach.) Malme [15, 17] (Szatala 1930) – a species only known from northern Europe
Squamarina fragilis (Scop.) Clauzade & Rondon, *comb. inval.* = *Squamarina gypsacea*

Vulpicida juniperinus (L.) J.-E. Mattsson & M.J. Lai [15] (Podpěra 1911)

Conclusions

The current knowledge of the Bulgarian lichen flora comprises 910 taxa (893 species with 6 subspecies, 10 varieties, and 1 forma) of lichenized fungi and 9 species of lichenicolous fungi, as well as 14 non-lichenized fungi traditionally included in lichenological literature.

The Rhodopes are the best known floristic region with 463 taxa followed by the Pirin Mountains with 428, the Vitosha region with 398, the Rila Mountains with 388, and the Balkan Range with 331 taxa. The poorest regions in species are the Valley of River Mesta, the Danubian Plain, and the Toundzha Hilly Country.

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