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## CHECKLIST

# A Revised Catalog of Lichens of Georgia (South Caucasus)

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## Abstract

A revised lichen catalog for Georgia, the South Caucasus, the second after 1986, is presented here. It is based on a literature survey and recent study of herbarium material. The list includes 713 species of lichens and nine species of nonlichenized fungi traditionally treated by lichenologists. As a basis for the present catalog, 106 literature sources reporting the first findings of the listed taxa in floristic regions of Georgia were used. The accepted taxa in bold are followed by references from the literature, if applicable, as well as references from herbarium specimens seen by us at local and several foreign herbaria. Specimens of the 547 of the 722 reported species are stored in the local herbaria: 542 at the National Herbarium of Georgia, the Institute of Botany, Ilia State University, Tbilisi (TBI), and 94 in the Herbarium of the State Museum of Georgia, Tbilisi (TGM). In each literature citation and herbarium code, the occurrence of respective species in Georgia's floristic regions is given. In addition, a short historical background and comprehensive bibliography are provided.

## Keywords

lichenized fungi; fungi; Ascomycota; biodiversity; the Caucasus

## 1. Introduction

Georgia occupies an interesting geobotanical position as a part of the Caucasus, the region interconnecting Europe and Asia. The area of the country is approximately 69,700 km<sup>2</sup>. The Great Caucasus lies to the north of the country and the Lesser Caucasus to the south, with the Likhi Range connecting the two mountain chains. The elevation of this mountainous country ranges from below sea level to more than 5,000 m (the peaks of the Great Caucasus) above sea level (a.s.l.). Moreover, Georgia is characterized by contrasting natural conditions with markedly high vegetation diversity (various types of forests, grasslands, wetlands, semideserts, and rock plant communities) in a comparatively small area.

In Colchis (floristic regions 1–7 and partly 19; [Figure 1](#)), where the Caucasus embraces the eastern part of the Black Sea catchment basin, the annual precipitation often exceeds 2,000 mm. In the eastern part (floristic regions 8–12, 16, and partly 19; [Figure 1](#)), the climate becomes more continental with mean annual precipitation from 600 to 1,000 mm, while in xerothermic southeastern semideserts and southern uplands (floristic regions 13–15, 17, and 18; [Figure 1](#)), the mean annual precipitation varies from 250 to 500 mm and increases with elevation (Korżaxia, 1961).

Coniferous and deciduous broad-leaved forests dominate natural landscapes, covering approximately 37% of the country (Dolukhanov, 2010; Nakhutsrishvili, 2013). The vegetation diversity includes Colchic temperate rainforests in the western part (Nakhutsrishvili et al., 2011), different types of semiarid vegetation mainly in the southern and eastern parts, and high-mountain plant communities in the northern (the Great Caucasus) and the southern (the Lesser Caucasus) parts of the country. In west Georgia, the vegetation vertical zonation consists of five major zones: forest

(0–1,900 m a.s.l.), including dark coniferous forest (1,400–1,900 m a.s.l.), subalpine (1,900–2,500 m a.s.l.), alpine (2,500–3,100 m a.s.l.), subnival (3,100–3,600 m a.s.l.), and nival (above 3,600 m) zones; in east Georgia, six major zones are distinguished: semidesert, steppe and arid open forest (150–600 m a.s.l.), forest (600–1,900 m a.s.l.), subalpine (1,900–2,500 m a.s.l.), alpine (2,500–3,000 m a.s.l.), subnival (3,000–3,500 m a.s.l.), and nival (above 3,500 m a.s.l.) zones. Within the forest and subalpine zones of the southern uplands, semiarid ecosystems of mountain steppe vegetation dominate the landscape (Bohn et al., 2007; Kec'xoveli, 1960; Nakhutsrishvili, 2013; Zazanashvili et al., 2000).

Diverse habitats support lichen taxa of different ecology: the conspectus of Georgia's lichens by Inashvili (1986) and further publications by Inashvili and Batsatsashvili (2010), Kupradze et al. (2018), and Burgaz et al. (2018), among others, contain 741 species and 249 intraspecific taxa of lichens recorded in the country.

The earliest noted lichens of Georgia can be found in the works by Acharius (1810), Bélanger (1834), Buhse (1860), Rabenhorst (1871), Plutenko (1872), Vainio (1887, 1894, 1899), Al'bov (1892), Tkeshelashvili (1898), Jatta (1900), Elenkin (1901a, 1901b), Ganike (1902), Elenkin and Voronikhin (1906), Dechy (1907), Sharleman (1915), Voronov (1915, 1916, 1922), Steiner (1919), and Voronikhin (1919, 1927), among others. Pakhunova (1926–1927, 1933, 1946, 1952, 1956, 1959) initiated a thorough survey of Georgia's lichen biota in several regions of the country. Further lichen surveys were conducted by Inashvili (1963a, 1963b, 1964, 1965a, 1965b, 1966, 1968, 1969, 1970, 1971, 1972, 1976, 1978, 1980), Inashvili (1977, 2000), Chelidze (1970, 1971, 1981), Čeliže and Inashvili (1979), Bac'ac'ašvili and Čeliže (2004), Chikovani et al. (2005), Inashvili and Kupradze (2006), Inashvili and Kupradze (2008, 2010), Murvanishvili et al. (2006), Kupradze (2009), Inashvili and Batsatsashvili (2010), and Kupradze et al. (2018). Contribution from Ukrainian lichenologists Oksner (1939) and Blium (1960, 1965) in the study of Georgia's lichen biota is also noteworthy. Other important works, such as those of Anchabadze (1956, 1959), Gagarina (2015), Magnusson (1929), Maleev (1927), Pisút (1975), Radde (1901), Rassadina (1950, 1959, 1971), Ruprecht (1848), Savich (1961), Szatala (1944), Tomin (1934), Tumađjanov (1938), Vainio (1887, 1894, 1899), Vězda (1961, 1978a, 1978b, 1978c, 1978d, 1979), and Zschacke (1933–1934), contain, inter alia, first reports of certain species in floristic regions of the country.

The lichen collections from Georgia (as well as those from other geographic areas) are stored at the National Herbarium of Georgia, the Institute of Botany, Ilia State University, Tbilisi (TBI), and the Herbarium of the State Museum of Georgia, Tbilisi (TGM).

## 2. Material and Methods

The conspectus of Georgia's lichens (Inashvili, 1986) and all other geographically relevant publications were analyzed for the present updated catalog. A full list of the references was appended.

The catalog considers the following taxonomic revisions of the materials stored at Georgia's herbaria: materials of the family Parmeliaceae taxonomically reexamined by K. Rassadina; those of Graphidaceae, Pertusariaceae, and Lecanoraceae by M. F. Makarevicz; those of Collemataceae, Heppiaceae, and Pannariaceae by Ts. Inashvili (Abramov, 1971, 1975, 1977); the genus *Stereocaulon* by A. Domvrovskaya (Golubkova, 1996); and materials of Cladoniaceae by Burgaz et al. (2018).

Nomenclature is based on Hafellner and Türk (2016), Hawksworth et al. (2008), Kondratyuk et al. (2019), Nimis (2016), Randlane et al. (2009), and other recent taxonomic treatments.

The accepted taxa in bold are followed by references from the literature, if applicable, and references from herbarium specimens seen by us so far at the TBI, TGM, Herbarium of the Komarov Botanical Institute, Russian Academy of Sciences, St. Petersburg (LE), the herbarium of the botanical and mycological museum at the Natural History Museum, the University of Tartu, Tartu (TU), National Herbarium of Ukraine at M. G. Kholodny Institute of Botany, National Academy of Sciences of

Ukraine, Kiev (KW), Herbarium of the Institute of Botany, and Azerbaijan National Academy of Sciences, Baku (BAK).

A reference with the first record of a given species for a given floristic region is reported in this paper. Numbers against herbaria acronyms and literature citations for each species correspond to the numbers of Georgia's floristic regions in Figure 1. The map in Figure 1 is sourced from Kec'xoveli et al. (1971–2011).



**Figure 1** Schematic map of the floristic regions of Georgia according to Kec'xoveli et al. (1971–2011): 1 – Abkhazeti; 2 – Svaneti; 3 – Racha-Lechkhumi; 4 – Samegrelo; 5 – Imereti; 6 – Guria; 7 – Adjara; 8 – Shida Kartli; 9 – Kartli; 10 – Mtiuleti; 11 – Tush-Pshav-Khevsureti; 12 – Kakheti; 13 – Kiziki; 14 – Gare Kakheti; 15 – Gardabani; 16 – Trialeti; 17 – Kvemo Kartli; 18 – Javakheti; 19 – Meskheti.

### 3. Annotated Catalog

The list includes 713 species of lichens and nine species of nonlichenized fungi traditionally treated by lichenologists.

Species names used in Inashvili (1986) and/or TBI and TGM collections, but not accepted in the nomenclatural reference sources listed in the Material and Methods section, are given in standard italics with reference to the respective names accepted in Hafellner and Türk (2016), Hawksworth et al. (2008), Kondratyuk et al. (2019), Nimis (2016), Randlane et al. (2009), and other recent taxonomic treatments.

*Gonohymenia mesopotamica* J. Steiner is given according to Steiner (1921). Names from Inashvili (1986) and/or TBI and TGM collections, which are not listed in the nomenclatural sources used as references for the present catalog and/or require specimen examination by specialists of respective taxonomic groups, are marked with an asterisk (\*).

The following abbreviations are used to indicate substrate after the species name: B – bark; DW – dead wood; LC – lichen; M – moss; PD – plant debris; R – rock; RM – moss covered rock; and S – soil. NLF refers to nonlichenized fungi and LF to lichenicolous fungi included in the present catalog.

*ACAROSPORA badiofusca* (Nyl.) Th. Fr. – R; LE:19.

*Acarospora cervina* (Ach.) A. Massal. – R; TBI:19; 9 (Bac'ac'ašvili & Čelidze, 2004).

*Acarospora fuscata* (Schrad.) Arnold – R; TBI:8,9,12,14,16,18,19; 9,12–15,17 (Chelidze, 1971).

*Acarospora glaucocarpa* (Ach.) Körb. – R; TBI:9,14,19, LE:9; 10 (Elenkin, 1901b), 9 (Pakhunova, 1933), 12–15,17 (Chelidze, 1971).

*Acarospora heusleriana* Körb. – R; TBI:9,17; 17 (Inashvili, 1971), 9 (Chelidze, 1971).

*Acarospora hospitans* H. Magn. – R; 9 (Bac'ac'ašvili & Čelidze, 2004).

*Acarospora oligospora* (Nyl.) Arnold – R; TBI:9; 9 (Chelidze, 1971).

- Acarospora testudinea* (Ach.) A. Massal. → *Sporastatia testudinea*  
*Acarospora lapponica* (Ach.) Th. Fr. → *Sarcogyne lapponica*  
*Acarospora oxytona* (Ach.) A. Massal. → *Pleopsidium flavum*  
*Acarospora rufescens* (Ach.) Bausch → *Myriospora rufescens*  
*Acarospora chlorophana* (Wahlenb.) A. Massal. → *Pleopsidium chlorophanum*
- ACROCORDIA gemmata** (Ach.) A. Massal. – B; TBI:1,10,12,19; 19 (Elenkin, 1901b), 1 (Voronov, 1915).
- Acrocordia sphaeroides** (Wallr.) Arnold – B; TBI:1; 1 (Voronov, 1915).  
*Acrocordia alba* (Schrad.) B. de Lesd. → *Acrocordia gemmata*
- ALECTORIA fuscescens** Gyeln. – B ; TBI:2,10,19; 2 (Vainio, 1899), 7 (Voronov, 1915), 19 (Tomin, 1934).
- Alectoria nigricans** (Ach.) Nyl. – S ; 10 (Elenkin, 1901a).
- Alectoria ochroleuca** (Hoffm.) A. Massal. – B; TBI:11, LE:11.  
*Alectoria bicolor* (Ehrh.) Nyl. → *Bryoria bicolor*  
*Alectoria chalybeiformis* (L.) Röhl. → *Bryoria chalybeiformis*  
*Alectoria jubata* Ach. → *Alectoria fuscescens*  
*Alectoria nidulifera* Norrl. → *Bryoria furcellata*  
*Alectoria pubescens* (L.) R. Howe → *Pseudephebe pubescens*  
*Alectoria smithii* Du Rietz → *Bryoria smithii*
- ALYXORIA varia** (Pers.) Ertz & Tehler – B; TBI:1,3,7,12,17,19, LE:12,17,19; 19 (Elenkin, 1901b), 1,9 (Voronov, 1915), 17 (Pakhunova, 1933), 16 (Inashvili & Kupradze, 2006).
- AMANDINEA punctata** (Hoffm.) Coppins & Scheid. – B, M , R; TBI:13; 3 (Vainio, 1899), 19 (Tomin, 1934), 9 (Chelidze, 1971).
- ANAPTYCHIA ciliaris** (L.) Körb. – B; TBI:2,3,5–13,16,19, TGM:19; 19 (Elenkin, 1901b), 16 (Voronov, 1915), 14 (Pakhunova, 1952), 3 (Pakhunova, 1956), 9–11 (Inashvili, 1965a), 2 (Inašvili, 1977), 13 (Inašvili, 2000), 12 (Chikovani et al., 2005), 17 (Inašvili & Kupraze, 2008).
- Anaptychia setifera** (Mereschk.) Räsänen – B; TBI:19; 19 (Blium, 1965).
- Anaptychia solenaria** (Duby) Savicz\* – B; TBI:2,3,7–9,19, LE:9,10,14,19; 7 (Voronov, 1915), 3 (Pakhunova, 1956), 19 (Savich, 1961), 9,10 (Inashvili, 1965a), 16 (Inashvili, 1971), 12 (Chikovani et al., 2005).  
*Anaptychia intricata* (Desf.) A. Massal. → *Tornabea scutellifera*  
*Anaptychia speciosa* (Wulfen) A. Massal. → *Heterodermia speciosa*
- ANISOMERIDIUM polypori** (Ellis & Everh.) M.E.Barr – B; 1 (Gagarina, 2015).
- ARTHONIA atra** (Pers.) A.Schneid. – B; TBI:1,6,7,17,19, LE:7,12,17,19; 19 (Elenkin, 1901b), 1 (Steiner, 1919), 10 (Inashvili, 1965a), 16 (Inashvili, 1971), 4 (Chelidze, 1981), 12 (Chikovani et al., 2005).
- Arthonia dispuncta** Nyl.\* – B; 3 (Vainio, 1899).
- Arthonia mediella** Nyl. – B; LE:19; 19 (Elenkin, 1901b).
- Arthonia radiata** (Pers.) Ach. – B; TBI:1,3,4,19, LE:19; 1 (Voronov, 1915), 19 (Elenkin, 1901b), 9,10 (Inashvili, 1965a), 4 (Chelidze, 1981).
- Arthonia ruana** A. Massal. – B; 1 (Voronov, 1915).
- Arthonia varians** (Davies) Nyl. – LC ; TBI:3; 3 (Vainio, 1899).  
*Arthonia cinnabarina* (DC.) Wallr. → *Coniocarpon cinnabarinum*  
*Arthonia elegans* (Ach.) Almq. → *Coniocarpon elegans*  
*Arthonia punctiformis* Ach. → *Naevia punctiformis*  
*Arthonia spadicea* Leight. → *Diarthonis spadicea*
- ARTHOPYRENIA cerasi** (Schrad.) A. Massal. – NLF; B; 1,9 (Voronov, 1915).

- Arthopyrenia punctiformis* (Pers.) A. Massal. → *Naetrocymbe punctiformis*  
**ARTHOTHELIUM spectabile** A. Massal. – B; TBI:12.  
*Arthothelium dispersum* (DC.) Mudd → *Arthonia ruana*  
**ARTHROSPORUM populorum** → *Toninia populorum*  
**ASPICILIA candida** (Anzi) Hue – R; 3 (Vainio, 1899).  
***Aspicilia cinerea*** (L.) Körb. – R; TBI:10, LE:9,19; 9,10 (Elenkin, 1901b),  
 19 (Pakhunova, 1933), 3 (Pakhunova, 1956), 1,8 (Chelidze, 1971), 16 (Inashvili &  
 Kupradze, 2006), 17 (Inašvili & Kupraže, 2008), 12 (Murvanishvili et al., 2006).  
***Aspicilia desertorum*** (Krempelh.) Mereschk. – R, S; TBI:2,3,9,10,14,16, TGM:9; 9,10  
 (Elenkin, 1901b), 13,14 (Chelidze, 1971).  
***Aspicilia hoffmannii*** (Ach.) Flagey – R; TBI:13; 13,14,17 (Chelidze, 1971),  
 9 (Bac'ac'ašvili & Čeliže, 2004).  
***Aspicilia grossheimii*** Oxner\* – R; TBI:14; 14 (Kupradze et al., 2018).  
***Aspicilia laevata*** (Ach.) Arnold – R; TBI:1,3,19, LE:19; 1,19 (Pakhunova, 1933),  
 3 (Pakhunova, 1956).  
***Aspicilia polychroma*** Anzi – R; 7 (Voronov, 1915).  
***Aspicilia sphaerothallina*** (J. Steiner) Szatala\* – R; 9 (Voronov, 1915).  
***Aspicilia subdepressa*** Arnold – R; 3 (Vainio, 1899), 7 (Voronov, 1915).  
***Aspicilia szechenyi*** Vainio\* – R; 3 (Vainio, 1899).  
*Aspicilia alpina* (Sommerf.) Arnold → *Bellemerea alpina*  
*Aspicilia badioatra* Kremp. → *Rimularia badioatra*  
*Aspicilia caesiocinerea* (Malbr.) Arnold → *Circinaria caesiocinerea*  
*Aspicilia calcarea* (L.) Mudd → *Circinaria calcarea*  
*Aspicilia cinereorufescens* (Ach.) A. Massal. → *Bellemerea cinereorufescens*  
*Aspicilia contorta* (Hoffm.) Kremp. → *Circinaria contorta*  
*Aspicilia cupreoatra* (Nyl.) Arnold → *Immersaria cupreoatra*  
*Aspicilia intermutans* (Nyl.) Arnold → *Aspiciliella intermutans*  
*Aspicilia radiosa* (Hoffm.) Poelt & Leuckert → *Lobothallia radiosa*  
*Aspicilia recedens* (Taylor) Arnold → *Lobothallia recedens*  
*Aspicilia reticulata* Kremp. → *Aspiciliella intermutans*  
*Aspicilia verrucosa* (Ach.) Körb. → *Megaspora verrucosa*  
***Aspiciliella intermutans*** (Nyl.) M. Choisy – R; TBI:16,17; 9,13,14,17 (Chelidze,  
 1971), 16 (Inashvili, 1971).  
***ATHALLIA holocarpa*** (Hoffm.) Arup, Frödén & Søchting – R; TBI:3,9,19;  
 17 (Inashvili, 1971), 9,14 (Chelidze, 1971).  
***Athallia pyracea*** (Ach.) Arup, Frödén & Søchting – B; TBI:2,3,7,17–19, TGM:19;  
 1 (Voronov, 1915), 14 (Pakhunova, 1952), 9,11 (Inashvili, 1965a), 16 (Inashvili,  
 1971), 2 (Inašvili, 1977), 13 (Inašvili, 2000), 15,17 (Chelidze, 1971),  
 12 (Chikovani et al., 2005).  
***BACIDIA bagliettoana*** (A. Massal. & De Not.) Jatta – M, S; TBI:3,8,9,18;  
 9 (Chelidze, 1971).  
***Bacidia endoleuca*** (Nyl.) J. Kickx f. – B; TBI:4,6,19; 4 (Chelidze, 1981).  
***Bacidia polychroa*** (Th. Fr.) Körb. – B; TBI:4,7,9; 1 (Voronov, 1915), 4 (Chelidze,  
 1981).  
***Bacidia rosella*** (Pers.) De Not. – B; M; TBI:4,8,9,14,19; 4 (Chelidze, 1981),  
 17 (Inašvili & Kupraže, 2008).  
***Bacidia rubella*** (Hoffm.) A. Massal. – B; TBI:19; 19 (Blum, 1965).  
*Bacidia acerina* (Ach.) Arnold → *Bacidia polychroa*  
*Bacidia affinis* (Stizenb.) Vain. → *Toniniopsis separabilis*



- Bacidia albescens* (Stizenb.) Bausch → *Bacidina phacodes*  
*Bacidia atrogrisea* (Delise) Körb. → *Bacidia laurocerasi*  
*Bacidia bacillifera* (Nyl.) Arnold\* → *Scutula circumspecta*  
*Bacidia beckhausii* Körb. → *Biatora beckhausii*  
*Bacidia buxi* Vězda & Vivant → *Fellhaneropsis myrtillicola*  
*Bacidia colchica* Vězda → *Fellhanera colchica*  
*Bacidia fuscorubella* (Hoffm.) Bausch → *Bacidia polychroa*  
*Bacidia incompta* (Borrer) Anzi → *Bellicidia incompta*  
*Bacidia inundata* (Fr.) Körb. → *Bacidina inundata*  
*Bacidia luteola* (Schrad.) Mudd → *Bacidia rubella*  
*Bacidia muscorum* (Ach.) Mudd → *Bacidia bagliettoana*  
*Bacidia neglecta* Vězda → *Bacidina chlorotricula*  
*Bacidia sabuletorum* (Schreb.) Lettau → *Bilimbia sabuletorum*  
*Bacidia sphaeroides* (Dicks.) Zahlbr. → *Mycobilimbia sphaeroides*  
*Bacidia umbrina* (Ach.) Bausch → *Scoliciosporum umbrinum*
- BACIDINA chlorotricula** (Nyl.) Vězda & Poelt – L; 1 (Pisút, 1975).  
**Bacidina inundata** (Fr.) Vězda – B; 14 (Pakhunova, 1952).  
**Bacidina phacodes** (Körb.) Vězda – B; 19 (Tomin, 1934), 13 (Inashvili, 2000).  
**BAEOMYCES placophyllus** Ach. – S; TU:10.  
**Baeomyces carneus** (Retz.) Flörke – S; TBI:2,19.  
**Baeomyces rufus** (Huds.) Rebent. – R, S; TBI:2,3,5,7,11,19; 3 (Pakhunova, 1956), 19 (Blum, 1965).  
**BAGLIETTOA calciseda** (DC.) Gueidan & Cl. Roux – R; TBI:4; 10,19 (Elenkin, 1901b), 16,18 (Inashvili, 1971), 9 (Chelidze, 1971), 4 (Chelidze, 1981).  
**BELLEMERIA alpina** (Sommerf.) Clauzade & Cl. Roux – R; TBI:10,19, LE:19; 3 (Vainio, 1899), 10 (Elenkin, 1901b).  
**Bellemerea cinereorufescens** (Ach.) Clauzade & Cl. Roux – R; TBI:9,17; 9,17 (Chelidze, 1971).  
**BIATORA aenea** (Schaer.) Stein\* – R; LE:2,3; 2 (Vainio, 1899).  
**Biatora beckhausii** (Körb.) Tuck. – B; 19 (Elenkin, 1901b).  
**Biatora globulosa** (Flörke) Fr. – B; TBI:19; 19 (Tomin, 1934).  
**Biatora vernalis** (L.) Fr. – M; TBI:19, LE:19; 1 (Inashvili, 1969).  
*Biatora geographica* A. Massal. → *Lecidea exigua*  
*Biatora granulosa* (Hoffm.) Flot. → *Trapeliopsis granulosa*  
*Biatora symmicta* (Ach.) A. Massal. → *Lecanora symmicta*  
*Biatora symmictera* (Nyl.) Räsänen → *Lecanora symmicta*  
*Biatorella campestris* (Fr.) Th. Fr. → *Sarcosagium campestre*  
*Biatorella resinae* (Fr.) Th. Fr. → *Sarea resinae*
- BILIMBIA sabuletorum** (Schreb.) Arnold – S, M; TBI:8,10,19; 19 (Tomin, 1934), 10 (Inashvili, 1965a).  
*Bilimbia coprodes* Körb. ex Arnold → *Toniniopsis coprodes*  
*Bilimbia naegelii* (Hepp) Kremp. → *Lecania naegelii*  
*Bilimbia obscurata* (Sommerf.) Th. Fr. → *Mycobilimbia tetramera*  
*Bilimbia sphaeroides* (Dicks.) Körb. → *Mycobilimbia sphaeroides*
- BLASTENIA crenularia** (With.) Arup, Søchting & Frödén – B, R; TBI:18,19; 3 (Vainio, 1899).

- Blastenia ferruginea*** (Huds.) A. Massal. – R, B; TBI:9,10,16,17,19; 3 (Vainio, 1899), 19 (Elenkin, 1901b), 1 (Pakhunova, 1933), 8,9,13,14,17 (Chelidze, 1971), 4 (Chelidze, 1981), 16 (Inashvili, 1971).  
*Blastenia leucoraea* (Ach.) Th. Fr. → *Bryoplaca sinapisperma*  
*Blastenia teicholyta* (Ach.) Bausch → *Caloplaca teicholyta*
- BLENNOTHALLIA *crispa*** (Huds.) Otálora, M. Jørg. & Wedin – R, S; TBI:1,3,9,10,13; 1,10 (Inashvili, 1965a), 13 (Inashvili, 2000), 9 (Chelidze, 1971), 16 (Inashvili & Kupradze, 2006), 12 (Murvanishvili et al., 2006).
- BRODOA *intestiniformis*** (Vill.) Goward – R; TBI:2,3,8,10,11,18; 3 (Vainio, 1899), 10 (Elenkin, 1901b), 11 (Inashvili, 1965a), 12 (Murvanishvili et al., 2006).
- BRYOBILIMBIA *hypnorum*** (Lib.) Fryday, Printzen & S.Ekman – S; TBI:19.
- Bryobilimbia sanguineoatra*** (Wulfen) Fryday, Printzen & S.Ekman – M; TBI:10,16,19, LE:10,19; 10,19 (Elenkin, 1901b), 9,16 (Voronov, 1915).
- BRYONORA *castanea*** (Hepp) Poelt – M; LE:3,10; 3 (Vainio, 1899).
- BRYOPLACA *sinapisperma*** (DC.) Søchting, Frödén & Arup – M, PD; TBI:1–3; 3 (Inashvili, 1970).
- BRYORIA *bicolor*** (Ehrh.) Brodo & D. Hawksw. – B; TBI:2,10,11,19, LE:11,12,19; 10 (Elenkin, 1901b).
- Bryoria chalybeiformis*** (L.) Brodo & D. Hawksw. – B; TBI:1–3,6–8,10,12,16,19, TGM:19, LE:8; 2 (Vainio, 1899), 7 (Voronov, 1915), 1,19 (Pakhunova, 1933), 14 (Pakhunova, 1952), 3 (Pakhunova, 1956), 10 (Inashvili, 1965a), 16 (Inashvili, 1971), 12 (Chikovani et al., 2005).
- Bryoria furcellata*** (Fr.) Brodo & D. Hawksw. – R; TBI:19; 19 (Pakhunova, 1933).
- Bryoria implexa*** (Hoffm.) Brodo & D. Hawksw. – B; TBI:1–3,9–11,18,19; 19 (Pakhunova, 1933), 3 (Pakhunova, 1956), 11 (Tumadjanov, 1938), 16 (Inashvili, 1971), 2 (Inashvili, 1977), 12 (Chikovani et al., 2005).
- Bryoria smithii*** (Du Rietz) Brodo & D. Hawksw. – B; TBI:19, LE:19; 19 (Tomin, 1934).
- BUELLIA *aethalea*** (Ach.) Th. Fr. – R; TBI:9,14; 14 (Chelidze, 1971), 19 (Pakhunova, 1933).
- Buellia disciformis*** (Fr.) Mudd. – B; TBI:2,3,7,19, TGM:19; 7 (Voronov, 1915), 19 (Pakhunova, 1933), 2 (Inashvili, 1977), 12 (Chikovani et al., 2005).
- Buellia dispersa*** (A. Massal.) A. Massal. – R; 9 (Bač'ac'ašvili & Čelize, 2004).
- Buellia erubescens*** Arnold – B; LE:19; 1 (Voronov, 1915).
- Buellia spuria*** (Schaer) Anzi – R; TBI:19.
- Buellia stellulata*** (Taylor) Mudd. – R; 3 (Vainio, 1899).
- Buellia vernicoma*** (Tuck.) Tuck.\* – B; TBI:1; 3 (Voronov, 1915).  
*Buellia alboatra* (Hoffm.) Th. Fr. → *Diplotomma alboatrum*  
*Buellia epipolia* (Ach.) Mong. → *Diplotomma alboatrum*  
*Buellia margaritacea* (Fr.) Lynge → *Diplotomma nivale*  
*Buellia myriocarpa* (DC.) De Not. → *Amandinea punctata*  
*Buellia porphyrica* (Arnold) Mong. → *Diplotomma chlorophaeum*  
*Buellia punctata* (Hoffm.) A. Massal. → *Amandinea punctata*  
*Buellia saxatilis* (Schaer.) Körb. → *Endohyalina insularis*  
*Buellia stigmata* (Nyl.) Körb. → *Amandinea punctata*  
*Buellia zahlbruckneri* J. Steiner → *Buellia erubescens*
- BYSSOLOMA *leucoblepharum*** (Nyl.) Vain. – L; TBI:1,7; 1 (Voronov, 1915).
- Byssoloma subdiscordans*** (Nyl.) P. James – L; TBI:7; 7 (Pakhunova, 1926–1927), 1 (Vězda, 1978d).  
*Byssoloma rotuliforme* (Müll. Arg.) R. Sant. → *Byssoloma subdiscordans*

- CALENIA caucasica** (Elenkin & Woron.) Vězda\* – L; TBI:1,7; 7 (Voronov, 1915), 1 (Voronikhin, 1919).
- CALICIUM abietinum** Pers. – B; TBI:19; 14 (Anchabadze, 1956), 9,11 (Anchabadze, 1959).
- Calicium salicinum** Pers. – B; 19 (Tomin, 1934).
- Calicium tigillare** (Ach.) Pers. – B; TBI:19, TGM:19.
- Calicium trabinellum** (Ach.) Ach. – B; TBI:19, TGM:19.
- Calicium viride** Pers. – B; TBI:3; 3 (Pakhunova, 1956).
- Calicium pusiolum* Ach. → *Chaenothecopsis pusiola*
- Calicium minutum* Körb. → *Calicium abietinum*
- Calicium sphaerocephalum* (L.) Ach. → *Calicium salicinum*
- Calicium subtile* Pers. → *Mycocalicium subtile*
- CALLOME multipartita** (Sm.) Otálora, M. Jørg. & Wedin – R; TBI:1,10,11, TGM:16; 1 (Inashvili, 1965a).
- CALOGAYA decipiens** (Arnold) Arup, Frödén & Søchting – R; TBI:3,9,19, LE: 9; 9,14,17 (Chelidze, 1971), 3 (Čeliže & Inašvili, 1979).
- Calogaya saxicola** (Hoffm.) Vondrák – R; TBI:2,9–11,17,19, LE:9,19; 9 (Elenkin, 1901b), 19 (Szatala, 1944), 3 (Čeliže & Inašvili, 1979), 17 (Inašvili & Kupraže, 2008).
- CALOPLACA cerina** (Hedw.) Th. Fr. – B; R; TBI:10,15,16; 3 (Vainio, 1899), 19 (Pakhunova, 1933), 14 (Pakhunova, 1952), 9,16 (Inashvili, 1965a), 8 (Inashvili, 1971), 13 (Inašvili, 2000), 12 (Chikovani et al., 2005), 17 (Inašvili & Kupraže, 2008).
- Caloplaca haematites** (Chaub.) Zwackh. – B; 9 (Chelidze, 1971).
- Caloplaca nigromarina** (Nyl.) H. Olivier – B; R; W; 7 (Vondrák et al., 2009).
- Caloplaca rubelliana** (Ach.) Lojka – R; TBI:19; 19 (Chelidze, 1971).
- Caloplaca stillicidiorum** (Vahl.) Lynge – M, DW , TBI:2,3,8; 9 (Chelidze, 1971).
- Caloplaca tegularis** (Ehrh.) Sandst.\* – R; TBI:16,17,19; 7 (Voronov, 1915), 19 (Pakhunova, 1933), 17 (Chelidze, 1971), 3 (Čeliže & Inašvili, 1979), 9 (Bac'ac'ašvili & Čeliže, 2004).
- Caloplaca teicholyta** (Ach.) J. Steiner – R; TBI:14; 9,14 (Chelidze, 1971).
- Caloplaca aurantiaca* (Lightf.) Th. Fr. → *Blastenia ferruginea*
- Caloplaca cirrochroa* (Ach.) Th. Fr. → *Leproplaca cirrochroa*
- Caloplaca citrina* (Hoffm.) Th. Fr. → *Flavoplaca citrina*
- Caloplaca crenularia* (With.) J. R. Laundon → *Blastenia crenularia*
- Caloplaca coronata* (Körb.) J. Steiner → *Flavoplaca coronata*
- Caloplaca decipiens* (Arnold) Blomb. & Forssell → *Calogaya decipiens*
- Caloplaca demissa* (Körb.) Arup & Grube → *Olegblumia demissa*
- Caloplaca ectaniza* Mereschk. → *Rusavskia ectaniza*
- Caloplaca elegans* (Link) Th. Fr. → *Rusavskia elegans* subsp. *elegans*
- Caloplaca ferruginea* (Huds.) Th. Fr. → *Blastenia ferruginea*
- Caloplaca flavocitrina* (Nyl.) H. Olivier → *Flavoplaca flavocitrina*
- Caloplaca flavovirescens* (Wulfen) Dalla Torre & Sarnt. → *Laundonia flavovirescens*
- Caloplaca granulosa* (Müll. Arg.) J. Steiner → *Flavoplaca granulosa*
- Caloplaca irrubescens* (Arnold) Zahlbr. → *Squamulea subsoluta*
- Caloplaca jungermanniae* var. *subolivacea* Th. Fr. → *Parvoplaca tirolensis*
- Caloplaca lactea* (A. Massal.) Zahlbr. → *Xanthocarpia lactea*



- Caloplaca lamprocheila* (DC.) Flagey → *Rufoplaca arenaria*  
*Caloplaca lobulata* Hellb. → *Seawardiella lobulata*  
*Caloplaca murorum* (Ach.) Th. Fr. → *Calogaya saxicola*  
*Caloplaca pyracea* (Ach.) Th. Fr. → *Athallia pyracea*  
*Caloplaca saxicola* (Hoffm.) Nordin → *Calogaya saxicola*  
*Caloplaca sorediata* (Vain.) Du Rietz → *Rusavskia sorediata*  
*Caloplaca vitellinula* (Nyl.) H. Olivier → *Athallia holocarpa*
- CANDELARIA concolor** (Dicks.) Stein – B; TBI:1–6,8–12,16–18, LE:7,19; 2 (Vainio, 1899), 1 (Voronov, 1915), 14 (Pakhunova, 1952), 9–11 (Inashvili, 1965a), 16 (Inashvili, 1971), 13 (Inašvili, 2000), 4 (Chelidze, 1981), 3 (Čelize & Inašvili, 1979), 12 (Chikovani et al., 2005), 17 (Inašvili & Kupraže, 2008).
- CANDELARIELLA aurella** (Hoffm.) Zahlbr. – R; TBI:9,17, LE:16; 19 (Pakhunova, 1933), 14 (Pakhunova, 1952), 9,13,17 (Chelidze, 1971), 16 (Inashvili, 1971), 3 (Čelize & Inašvili, 1979).
- Candelariella crenulata** (Wahlenb.) A. L. Sm.\* – R; 9 (Bac'ac'ašvili & Čelize, 2004).
- Candelariella vitellina** (Hoffm.) Müll. Arg. – R, B; TBI:2,5,7,9,13,14,17, LE:9,19; 3 (Vainio, 1899), 10 (Elenkin, 1901b), 7,9,16 (Voronov, 1915), 19 (Pakhunova, 1933), 10 (Inashvili, 1965a), 17 (Inashvili, 1971), 13 (Inašvili, 2000), 14 (Chelidze, 1971), 16 (Inashvili & Kupradze, 2006), 17 (Inašvili & Kupraže, 2008).
- Candelariella xanthostigma** (Ach.) Lettau – R, B; TBI:19, KW:19; 2,3 (Vainio, 1899), 19 (Pakhunova, 1933).
- CATAPYRENIUM cinereum** (Pers.) Körb. – R, S; TBI:1,3,4,8,9,14,19; 1 (Inashvili, 1969), 19 (Inashvili, 1971), 9,14 (Chelidze, 1971).
- CATILLARIA intermixta** (Nyl.) Arnold ex Glow. – B; TGM:1; 1 (Voronov, 1915).
- Catillaria lenticularis** (Ach.) Th. Fr. – R; TBI:19; 3 (Čelize & Inašvili, 1979).
- Catillaria minuta** (A. Massal.) Lettau – R; 9 (Bac'ac'ašvili & Čelize, 2004).
- Catillaria nigroclavata** (Nyl.) J. Steiner – B; TBI:1; 1 (Voronov, 1915), 9 (Chelidze, 1971).
- Catillaria athallina* (Hepp) Hellb. → *Toninia athallina*  
*Catillaria atropurpurea* (Schaer.) Th. Fr. → *Catinaria atropurpurea*  
*Catillaria bouteillei* (Desm.) Zahlbr. → *Fellhanera bouteillei*  
*Catillaria croatica* Zahlbr. → *Lecania croatica*  
*Catillaria globulosa* (Flörke) Th. Fr. → *Biatora globulosa*  
*Catillaria griffithii* (Sm.) H. Magn. → *Cliostomum griffithii*  
*Catillaria synothea* auct. → *Micarea denigrata*
- CATINARIA atropurpurea** (Schaer.) Vězda & Poelt – B; 19 (Elenkin, 1901b).
- Celidium stictarum* (De Not.) Tul. → *Plectocarpon lichenum*
- CETRARIA aculeata** (Schreb.) Fr. subsp. *aculeata* – S; TBI:2,3,9–11,16,18, LE:11; 10 (Elenkin, 1901b), 16 (Inashvili, 1971).
- Cetraria aculeata** subsp. *steppae* Savicz – S; TBI:9,19; 9 (Chelidze, 1971).
- Cetraria ericetorum** Opiz. – S; TBI:2,3,10,11,18,19; 8,10,11,19 (Pakhunova, 1959), 12 (Murvanishvili et al., 2006).
- Cetraria islandica** (L.) Ach. – S; TBI:1–4,6,8–12,16,18,19, TGM:6, LE:11; 3 (Jatta, 1900), 10 (Elenkin, 1901b), 11 (Radde, 1901), 7 (Voronov, 1915), 8 (Inashvili, 1965a), 9 (Chelidze, 1971), 16 (Inashvili & Kupradze, 2006), 12 (Murvanishvili et al., 2006).
- Cetraria laevigata** Rass.\* – S; TBI:10.
- Cetraria pinastri** (Scop.) Gray – B; R (rearily), LC; TBI:1,2,5,7–9,11,18,19; 10,19 (Elenkin, 1901b), 7 (Voronov, 1915), 2 (Szatala, 1944), 1 (Pakhunova, 1959), 11 (Inashvili, 1965a), 16 (Inashvili, 1971), 12 (Chikovani et al., 2005).

- Cetraria sepincola*** (Ehrh.) Ach. – B; 7 (Rassadina, 1971).  
*Cetraria chlorophylla* (Willd.) Vain. → *Nephromopsis chlorophylla*  
*Cetraria cucullata* (Bellardi) Ach. → *Nephromopsis cucullata*  
*Cetraria hepatizon* (Ach.) Vain. → *Melanelia hepatizon*  
*Cetraria laureri* Kremp. → *Nephromopsis laureri*  
*Cetraria nivalis* (L.) Ach. → *Nephromopsis nivalis*  
*Cetraria tenuifolia* (Retz.) R.Howe → *Cetraria ericetorum*
- CETRELIA cetrarioides** (Duby) W. L. Culb. & C. F. Culb. s. l.\* – B;  
 TBI:1–6,9–12,16,19, TGM:19; LE:1,16,19, KW:12; 2 (Vainio, 1899), 19 (Tomin, 1934), 10 (Inashvili, 1965a), 16,17 (Inashvili, 1971), 12 (Chikovani et al., 2005).
- CHAENOTHECA brachypoda** (Ach.) Tibell – B; TBI:19.  
***Chaenotheca brunneola*** (Ach.) Müll. Arg. – B; TBI:19, TGM:19; 19 (Inashvili, 1971).  
***Chaenotheca chrysocephala*** (Turner ex Ach.) Th. Fr. – B; TBI:3,7,9,12,16,19, TGM:19; 16 (Voronov, 1915), 19 (Tomin, 1934).  
***Chaenotheca cinerea*** (Pers.) Tibell – B; 2 (Vainio, 1899).  
***Chaenotheca furfuracea*** (L.) Tibell – B; TBI:2,3,5,16,19, TGM:19; 19 (Elenkin, 1901b), 3 (Pakhunova, 1956), 16 (Inashvili, 1971).  
***Chaenotheca hispidula*** (Ach.) Zahlbr. – B; TGM:10.  
***Chaenotheca stemonea*** (Ach.) Müll. Arg. – B; 2 (Vainio, 1899).  
***Chaenotheca trichialis*** (Ach.) Th. Fr. – B; TBI:19, TGM:19.  
*Chaenotheca schaeferi* (De Not.) Zahlbr. → *Chaenotheca cinerea*
- CHAENOTHECOPSIS pusiola** (Ach.) Vain. – NLF; B; 19 (Voronikhin, 1927).  
***Chaenothecopsis rubescens*** Vain. – NLF; B; 12 1 (Tibell, 1989), 12 (Tibell, 1990).  
**CHRYSOTHRIX candelaris** (L.) J. R. Laundon – B; TBI:3,4,7,19; 3,9 (Pakhunova, 1956), 19 (Blum, 1965), 11 (Inashvili, 1965a), 16 (Inashvili, 1971), 2 (Inashvili, 1977), 4 (Chelidze, 1981), 1 (Gagarina, 2015).
- CIRCINARIA caesiocinerea** (Malbr.) A. Nordin, Savić & Tibell – R; TBI:2,9,12,19; 19 (Szatala, 1944), 9 (Chelidze, 1971), 17 (Inashvili & Kupraze, 2008).  
***Circinaria calcarea*** (L.) A. Nordin, Savić & Tibell – R; TBI:14, LE:19; 9 (Acharius, 1810), 10 (Voronov, 1915), 8,16 (Inashvili, 1971).  
***Circinaria contorta*** (Hoffm.) A. Nordin, Savić & Tibell – R; TBI:8,16; 8,9,14,17 (Chelidze, 1971), 16 (Inashvili & Kupradze, 2006).  
***Circinaria gibbosa*** (Ach.) A. Nordin, Savić & Tibell – R; LE:19.
- CLADONIA acuminata** (Ach.) Norrl. – S; TBI:2,7,10,11.  
***Cladonia amaurocraea*** (Flörke) Schaer. – S; LE:10; 10 (Elenkin, 1901b).  
***Cladonia arbuscula*** (Wallr.) Flot. – S; TBI:1–3,6–12,18,19, TGM:6, LE:7,8,11,19; 7 (Voronov, 1915), 11 (Tumadjanov, 1938), 2 (Szatala, 1944), 3 (Pakhunova, 1956), 10 (Inashvili, 1965a), 9,16 (Inashvili, 1971), 12 (Murvanishvili et al., 2006).  
***Cladonia bacilliformis*** (Nyl.) Sarnth. – S; TBI:9.  
***Cladonia borealis*** S. Stenroos – S; TBI:2,8,10,11,19.  
***Cladonia botrytes*** (K. G. Hagen) Willd. – DW; TBI:2,3,9,11,19, LE:5; 2 (Vainio, 1899).  
***Cladonia caespiticia*** (Pers.) Flörke – S; TBI:2,7,19; 16 (Inashvili, 1968), 2 (Inashvili, 1978), 19 (Inashvili & Batsatsashvili, 2010).  
***Cladonia cariosa*** (Ach.) Spreng. – S; TBI:2,3,6,7,9,11,16,19; 7 (Voronov, 1915), 19 (Blum, 1965), 10 (Inashvili, 1965a), 16 (Inashvili, 1971), 2 (Inashvili, 1977), 12 (Murvanishvili et al., 2006).  
***Cladonia carneola*** (Fr.) Fr. – S; TBI:2; 2 (Jatta, 1900), 7 (Voronov, 1915).

- Cladonia cenotea* (Ach.) Schaer. – S, DW; TBI:2,3,5–11,18,19, LE:19; 2 (Vainio, 1899), 19 (Pakhunova, 1933).
- Cladonia chlorophaea* (Flörke ex Sommerf.) Spreng. – S; TBI:1–5,7–14,16,19; 7 (Voronov, 1915), 2 (Szatala, 1944), 19 (Blium, 1965), 8,9,13,14,15,17 (Chelidze, 1971), 10,11 (Inashvili, 1965a), 16 (Inashvili & Kupradze, 2006), 12 (Murvanishvili et al., 2006).
- Cladonia coccifera* (L.) Willd. – S; TBI:2,3,7,8,10,11,16, TGM:2,7, LE:7,19; 19 (Elenkin, 1901b), 2 (Szatala, 1944), 10 (Inashvili, 1965a), 16,18 (Inashvili, 1971), 12 (Murvanishvili et al., 2006).
- Cladonia coniocraea* (Flörke) Spreng. – S; TBI:1–12,16,19, TGM:4; 2 (Vainio, 1899), 7 (Voronov, 1915), 1,5,19 (Pakhunova, 1933), 12,14 (Pakhunova, 1952), 3 (Pakhunova, 1956), 9,10 (Inashvili, 1965a), 16,17 (Inashvili, 1971).
- Cladonia conista* (Ach.) Robbins – S; TBI:1,3,9,10.
- Cladonia cornuta* (L.) Hoffm. – S; TBI:2,5,8; 2 (Vainio, 1899).
- Cladonia cyanipes* (Sommerf.) Nyl. – S; TBI:8.
- Cladonia cyathomorpha* Walt. Watson – S; TBI:19.
- Cladonia decorticata* (Flörke) Spreng. – S; TBI:11, LE:7; 10,11 (Inashvili, 1965a).
- Cladonia deformis* (L.) Hoffm. – S; TBI:2,3,8,10,11,16,19, TU:19; 19 (Pakhunova, 1933), 3 (Pakhunova, 1956), 10,11 (Inashvili, 1965a), 12 (Murvanishvili et al., 2006).
- Cladonia digitata* (L.) Hoffm. – S; TBI:2,3,6,7,9,19, TGM:7,19; 7 (Voronov, 1915), 19 (Blium, 1965).
- Cladonia fimbriata* (L.) Fr. – S; DW with M; TBI:1–12,14,16,18,19, TGM:19, LE:2,3,8,19; 2,19 (Jatta, 1900), 7,16 (Voronov, 1915), 1,5 (Pakhunova, 1933), 14 (Pakhunova, 1952), 3 (Pakhunova, 1956), 11 (Tumadjanov, 1938), 9,10 (Inashvili, 1965a), 12 (Murvanishvili et al., 2006).
- Cladonia floerkeana* (Fr.) Flörke, – DW; TBI:2,3,5,7,9,19; 19 (Elenkin, 1901a), 2 (Szatala, 1944), 10 (Inashvili, 1965a), 12 (Murvanishvili et al., 2006).
- Cladonia foliacea* (Huds.) Willd. – S; TBI:9,10; 16 (Voronov, 1915).
- Cladonia foliacea* f. *convoluta* (Lam.) Vain. – S; TBI:9–11,13,14,16,19, TGM:1, LE:1,9; 9 (Vainio, 1899), 16 (Steiner, 1919), 1 (Maleev, 1927), 13 (Inashvili, 2000), 14,17 (Chelidze, 1971).
- Cladonia furcata* (Huds.) Schrad. subsp. *furcata* – S; TBI:1–13,16–19, TGM:7,9,12,16, LE:1,19; 10,19 (Elenkin, 1901b), 16 (Voronov, 1915), 7 (Steiner, 1919), 1 (Maleev, 1927), 9 (Pakhunova, 1933), 14 (Pakhunova, 1952), 3 (Pakhunova, 1956), 11 (Tumadjanov, 1938), 16 (Inashvili, 1971), 2 (Inashvili, 1977), 13 (Inashvili, 2000), 12 (Murvanishvili et al., 2006).
- Cladonia gracilis* (L.) Willd. subsp. *elongata* (Wulfen) Vain. – S; TBI:10, LE:10.
- Cladonia macilenta* Hoffm. – DW; TBI:1–3,5,7,9; 19 (Blium, 1965), 1 (Gagarina, 2015).
- Cladonia macroceras* (Delise) Hav. – S; TBI:1–4,7,8,10,11,16,18,19, TGM:19, LE:7, TU:10; 10 (Vainio, 1894), 2 (Vainio, 1899), 8 (Inashvili, 1965a).
- Cladonia macrophyllodes* Nyl. – S; TBI:11.
- Cladonia mitis* Sandst. – S; TBI:1–3,7,8,10–12,19, LE:7.
- Cladonia phyllophora* Hoffm. – S; TBI:2; 2 (Jatta, 1900).
- Cladonia pleurota* (Flörke) Schaer. – S; TBI:2,7,10,19; 7 (Voronov, 1915).
- Cladonia pocillum* (Ach.) Grognot – S; TBI:4,7,10,16,19, TGM:4, LE:10; 10 (Elenkin, 1901a), 7 (Voronov, 1915), 2 (Jatta, 1900), 9 (Chelidze, 1971).
- Cladonia pyxidata* (L.) Hoffm. – S; TBI:1–11,14,16, TGM:4, LE:1,3,10,18,19; 9 (Buhse, 1860), 2 (Jatta, 1900), 19 (Elenkin, 1901b), 7,16, (Voronov, 1915), 14 (Pakhunova, 1952), 3 (Pakhunova, 1956), 8,13 (Chelidze, 1971),

- 12 (Murvanishvili et al., 2006), 16 (Inashvili & Kupradze, 2006), 17 (Inašvili & Kupraže, 2008).
- Cladonia rangiferina** (L.) Weber ex F. H. Wigg. – S; TBI:1–3,10–12,16,19, LE:18; 10 (Elenkin, 1901b), 1 (Pakhunova, 1933), 3 (Pakhunova, 1956), 2 (Szatala, 1944), 11 (Inashvili, 1965a), 12 (Murvanishvili et al., 2006).
- Cladonia rangiformis** Hoffm. – S; TBI:1–13,16,19, LE:9,19; 9 (Vainio, 1887), 7 (Steiner, 1919), 4 (Pakhunova, 1933), 19 (Blum, 1965), 11 (Inashvili, 1965a), 16 (Inashvili, 1971), 13 (Inašvili, 2000), 8,14 (Chelidze, 1971), 16 (Inashvili & Kupradze, 2006).
- Cladonia rei** Schaer. – S; TBI:2,3,11,12; 3 (Pakhunova, 1956), 11 (Inashvili, 1965a).
- Cladonia squamosa** Hoffm. – S; TBI:4,7; 3 (Tkeshelashvili, 1898), 7 (Voronov, 1915).
- Cladonia stellaris** (Opiz) Pouzar & Vězda – S; TBI:11,18; 10 (Elenkin, 1901b), 3 (Savich, 1961), 11 (Inashvili, 1965a), 18 (Inashvili, 1971).
- Cladonia subulata** (L.) F. H. Wigg. – S; TBI:2,3,5,7,8,11,16,19; 19 (Blum, 1965), 11 (Inashvili, 1965a), 18 (Inashvili, 1971).
- Cladonia sulphurina** (Michx.) Fr. – S, DW; TBI:2,3,6,7,8,19.
- Cladonia symphycarpa** (Flörke) Fr. – S; TBI:5,16.
- Cladonia uncialis** (L.) F. H. Wigg. – S; TBI:2,7, TGM:7; 7 (Voronov, 1915).
- Cladonia alpestris* (L.) Rabenh. → *Cladonia stellaris*  
*Cladonia bacillaris* (Ach.) Genth → *Cladonia macilentia*  
*Cladonia convoluta* (Lam.) Anders → *Cladonia foliacea* f. *convoluta*  
*Cladonia cornutoradiata* (Leight.) Sandst. → *Cladonia subulata*  
*Cladonia elongata* auct. p. p. → *Cladonia macroceras*  
*Cladonia degenerans* (Flörke) Spreng. → *Cladonia phyllophora*  
*Cladonia major* (K. G. Hagen) Sandst. → *Cladonia fimbriata*  
*Cladonia minor* (K. G. Hagen) Szat. → *Cladonia fimbriata*  
*Cladonia ochrochlora* Flörke → *Cladonia coniocraea*
- CLIOSTOMUM griffithii** (Sm.) Coppins – B; TBI:7.
- COENOGONIUM pineti** (Ach.) Lücking & Lumbsch – B, L; 2 (Jatta, 1900), 1 (Gagarina, 2015).
- COLLEMA flaccidum** (Ach.) Ach. – R, B, DW; TBI:1–5,7,8–10,12,16–19, TGM:7; 1,7 (Voronov, 1915), 19 (Pakhunova, 1933), 14 (Pakhunova, 1952), 3 (Pakhunova, 1956), 9–11,16 (Inashvili, 1965a), 4 (Chelidze, 1981), 12 (Chikovani et al., 2005), 17 (Inašvili & Kupraže, 2008).
- Collema furfuraceum** (Arnold) Du Rietz – B; TBI:2–4,8,9; 2 (Inašvili, 1977), 4 (Chelidze, 1981).
- Collema granulatum** (Huds.) Röhl.\* – R, S; TBI:9; 9 (Steiner, 1919).
- Collema minor** (Pachunoff) Tomin ex Schaf.\* – S; TBI:9,13; 9,13 (Chelidze, 1971).
- Collema nigrescens** (Huds.) DC. – B; TBI:1–3,5,9,10,19, LE:19, TGM:2; 2 (Vainio, 1899), 19 (Tomin, 1934), 10 (Inashvili, 1965a), 12 (Chikovani et al., 2005).
- Collema subflaccidum** Degel. – B; 1 (Gagarina, 2015).
- Collema subnigrescens** Degel. – B; TBI:1–3,5,7,16; 1 (Inashvili, 1965a), 16 (Inashvili, 1971).
- Collema tunaeforme** (Ach.) Ach.\* – R, S; TBI:1,3,10; 1 (Inashvili, 1965a), 9 (Chelidze, 1971).
- Collema auriculatum* Hoffm. → *Lathagrium auriforme*  
*Collema callopismum* A. Massal. → *Scytinium callopismum*  
*Collema conglomeratum* Hoffm. → *Enchylium conglomeratum* var. *conglomeratum*  
*Collema crispum* (Huds.) F. H. Wigg. → *Blennothallia crispa*

- Collema cristatum* (L.) F. H. Wigg. → *Lathagrium cristatum*  
*Collema fasciculare* (L.) F. H. Wigg. → *Gabura fascicularis*  
*Collema ligerinum* (Hy) Harm. → *Enchylium ligerinum*  
*Collema limosum* (Ach.) Ach. → *Enchylium limosum*  
*Collema multipartitum* Sm. → *Callome multipartita*  
*Collema polycarpon* Hoffm. → *Enchylium polycarpon*  
*Collema tenax* (Sw.) Ach. → *Enchylium tenax*  
*Collema undulatum* Laurer ex Flot. → *Lathagrium undulatum*
- CONIOCARPON cinnabarinum** DC. – B; 19 (Elenkin, 1901b).
- Coniocarpon fallax** (Ach.) Grube – B; 19 (Elenkin, 1901a).  
*Coniocarpon elegans* (Ach.) Duby → *Coniocarpon fallax*  
 CONIOCYBE *furfuracea* (L.) Ach. → *Chaenotheca furfuracea*
- CORNICULARIA normoerica** (Gunnerus) Du Rietz. – R; TBI:2,3,10,16, BAK:19; 7 (Voronov, 1915), 19 (Blum, 1965), 10 (Inashvili, 1965a), 18 (Inashvili, 1971), 2 (Inašvili, 1977), 12 (Murvanishvili et al., 2006).  
*Cornicularia aculeata* (Schreb.) Ach. → *Cetraria aculeata*  
*Cornicularia steppae* Savicz. → *Cetraria aculeata* subsp. *steppae*
- CYPHELIUM cinereum** (Pers.) Chevall.\* – B; TBI:19.  
*Cyphelium aciculare* (Gray) Arnold → *Chaenotheca hispidula*  
*Cyphelium tigillare* (Ach.) Ach. → *Calicium tigillare*  
 DACTYLINA *madreporiformis* (Ach.) Tuck. → *Cetraria madreporiformis*
- DERMATOCARPON intestiniforme** (Körb.) Hasse – R; TBI:1–3,7,10,11,19, LE:11; 7 (Voronov, 1915), 10,11 (Inashvili, 1965a).
- Dermatocarpum miniatum** (L.) W. Mann – R; TBI:1–4,7–11,16–19, TGM:19, LE:10,19, TU:16,19; 9 (Acharius, 1810), 10 (Elenkin, 1901b), 7 (Voronov, 1915), 1 (Pakhunova, 1933), 19 (Zschacke, 1933–1934), 2 (Szatala, 1944), 11 (Inashvili, 1965a), 18 (Inashvili, 1971), 12 (Murvanishvili et al., 2006), 17 (Inašvili & Kupraže, 2008).
- Dermatocarpum vellereum** Zschacke\* – R; TBI:2,3,5,7–11,16,19, TGM:9,19, TU:5,16,19, LE:9,11,19; 19 (Elenkin, 1901b), 7,9 (Voronov, 1915), 10,11 (Inashvili, 1965a), 14,17 (Chelidze, 1971).  
*Dermatocarpum polyphyllum* Dalla Torre & Sarnth. → *Dermatocarpum intestiniforme*  
*Dermatocarpum rufescens* (Ach.) Th. Fr. → *Placidium rufescens*
- DIMELAENA oreina** (Ach.) Norman – R; TBI:17, TU:10, KW:10; 3 (Vainio, 1899), 10 (Elenkin, 1901b), 17 (Inashvili, 1971), 9 (Chelidze, 1971).  
 DIMERELLA *diluta* (Pers.) Trevis. → *Coenogonium pineti*
- DIPLOSCHISTES actinostoma** (Ach.) Zahlbr. – R; TBI:2; 9 (Chelidze, 1971).  
*Diploschistes candidissimus* (Kremp.) Zahlbr. – R; TBI:3,13; 9 (Chelidze, 1971).  
*Diploschistes diacapsis* (Ach.) Lumbsch – R, S; TBI:3,8,13,14; 9 (Acharius, 1810), 14 (Chelidze, 1971), 13 (Inašvili, 2000).  
*Diploschistes gypsaceus* (Ach.) Zahlbr. – R; TBI:19, KW:19; 19 (Blum, 1960).  
*Diploschistes muscorum* (Scop.) R. Sant. subsp. *muscorum* – S; TBI:2,5,8–11,16,18; 16 (Voronov, 1915), 3 (Pakhunova, 1956), 10,11 (Inashvili, 1965a), 16 (Inashvili, 1971), 13 (Inašvili, 2000), 9 (Chelidze, 1971), 12 (Chikovani et al., 2005).  
*Diploschistes scruposus* (Schreb.) Norm. – R; TBI:2,3,8–11,16,19, TGM:9; 2 (Vainio, 1899), 9 (Voronov, 1915), 19 (Pakhunova, 1933), 10,11 (Inashvili, 1965a), 16 (Inashvili, 1971), 14,17 (Chelidze, 1971), 12 (Murvanishvili et al., 2006).  
*Diploschistes albescens* Lettau → *Diploschistes diacapsis*



- Diploschistes albissimus* (Ach.) Dalla Torre & Sarnth. → *Diploschistes diacapsis*  
*Diploschistes bryophilus* (Ehrh.) Zahlbr. → *Diploschistes muscorum* subsp. *muscorum*  
*Diploschistes calcareus* (Müll. Arg.) J. Steiner → *Diploschistes candidissimus*  
*Diploschistes cretaceus* (Ach.) Lettau → *Diploschistes gypsaceus*  
*Diploschistes ocellatus* (Fr.) Norman → *Xalocoa ocellata*  
*Diploschistes steppicus* Reichert → *Diploschistes diacapsis*
- DILOTOMMA alboatrum** (Hoffm.) Flot. – R, B; TBI:1,3,9; 10,19 (Elenkin, 1901b), 14 (Pakhunova, 1952), 8,9,13,14 (Chelidze, 1971), 13 (Inašvili, 2000).
- Diplotomma chlorophaeum** (Leight.) Kr. P. Singh & S. R. Singh – R; TBI:9,19; 19 (Inashvili, 1971), 9 (Chelidze, 1971).
- Diplotomma nivale** (Bagl. & Carestia) Hafellner – R; TBI:14; 14 (Kupradze et al., 2018).  
*Diplotomma epipolium* (Ach.) Arnold → *Diplotomma alboatrum*  
*Diplotomma margaritaceum* (Fr.) Szatala → *Diplotomma nivale*  
*Diplotomma porphyricum* Arnold → *Diplotomma chlorophaeum*
- ECHINOPLACA epiphylla** Fée\* – L; 1 (Vězda, 1978b).
- ENCHYLIUM conglomeratum** (Hoffm.) Otálora, M. Jørg. & Wedin var. *conglomeratum* – B; TBI:10,11,13; 10 (Inashvili, 1963b), 11 (Inashvili, 1965b), 13 (Inašvili, 2000).
- Enchylium ligerinum** (Hy) Otálora, M. Jørg. & Wedin – B; TBI:3,9–11; 11 (Inashvili, 1965a), 13 (Inašvili, 2000).
- Enchylium limosum** (Ach.) Otálora, M. Jørg. & Wedin – S; TBI:9,16; 9 (Inashvili, 1965a), 7,16 (Inashvili, 1971), 13 (Inašvili, 2000).
- Enchylium polycarpon** (Hoffm.) Otálora, M. Jørg. & Wedin – R; TBI:3,9,10,13; 10 (Inashvili, 1963b), 9 (Chelidze, 1971), 1 (Pisút, 1975).
- Enchylium tenax** (Sw.) Gray – R, S; TBI:1,3,5,8,10,13,14,19, LE:19; 9 (Inashvili, 1965a), 16 (Inashvili, 1971), 13 (Inašvili, 2000), 14 (Chelidze, 1971), 12 (Murvanishvili et al., 2006).
- ENDOCARPON adscendens** (Anzi) Müll. Arg. – S; TBI:2,9,10,13,19; 11 (Inashvili, 1963b), 13 (Inašvili, 2000), 9 (Chelidze, 1971).
- Endocarpon pusillum** Hedw – S; TBI:3,14,19; 9,13 (Chelidze, 1971), 19 (Inashvili, 1971), 13 (Inašvili, 2000).
- ENDOHYALINA insularis** (Arnold) Giralt, P.Boom & Elix – R; 13 (Chelidze, 1971).
- ENDOPYRENIUM hepaticum** (Ach.) Körb.\* – S; TBI:2,9,13; 9,14 (Chelidze, 1971), 13 (Inašvili, 2000).  
*Endopyrenium cinereum* (Pers.) Oxner → *Catapyrenium cinereum*  
*Endopyrenium monstrosum* (Schaer.) Hazsl. → *Placocarpus schaeereri*  
*Endopyrenium rufescens* (Ach.) Körb. → *Placidium rufescens*  
*Endopyrenium trachyticum* Hazsl. → *Placopyrenium trachyticum*
- ENTEROGRAPHIA elaborata** (Lyell ex Leight.) Coppins & P. James – B; 1 (Vězda, 1978a).  
*Enterographa jorgei* Vězda & Vivant → *Enterographa elaborata*
- EOPYRENULA leucoplaca** (Wallr.) R. C. Harris – B; 9 (Elenkin, 1901b).
- EPHEBE lanata** (L.) Vain. – R; TBI:2,3,8,18,19; 2 (Inashvili, 1970).
- EPIPHLOEA byssina** (Hoffm.) Henssen & P. M. Jørg. – S; TBI:16.
- EVERNIA divaricata** (L.) Ach. – B; TBI:1–3,5–7,11,16,18,19, TGM:19; 3 (Vainio, 1899), 2 (Jatta, 1900), 19 (Elenkin, 1901b), 7 (Voronov, 1915), 11 (Tumadjanov, 1938), 16 (Inashvili, 1971).
- Evernia mesomorpha** Nyl. – B; TBI:2,10,11,16,19.

- Evernia prunastri** (L.) Ach. – B; TBI:1–3,5–14,16–19, LE:1,7,9,11,16,19, KW:1,12; 1,7 (Voronov, 1915), 5,19 (Pakhunova, 1933), 14 (Pakhunova, 1952), 3 (Pakhunova, 1956), 9,10 (Inashvili, 1965a), 16 (Inashvili, 1971), 2 (Inašvili, 1977), 13 (Inašvili, 2000), 4 (Chelidze, 1981), 12 (Chikovani et al., 2005).  
*Evernia furfuracea* (L.) W. Mann → *Pseudevernia furfuracea* var. *furfuracea*  
*Evernia thamnodes* (Flot.) Arnold → *Evernia mesomorpha*
- FARNOLDIA jurana** (Schaer.) Hertel subsp. *jurana* – R; TBI:19; 19 (Inashvili, 1971).  
**Farnoldia micropsis** (A. Massal.) Hertel – R; LE:3; 3 (Vainio, 1899).
- FELLHANERA bouteillei** (Desm.) Vězda – L; TBI: 1,5,7,9; 5 (Voronikhin, 1919), 1 (Pakhunova, 1926–1927), 4 (Oksner, 1939).
- Fellhanera colchica** (Vězda) Llop – L; 1 (Vězda, 1979).
- FELLHANEROPSIS myrtillicola** (Erichsen) Sérus. & Coppins – L; TBI: 1; 1 (Vězda, 1978a).
- FLAVOCETRARIA nivalis** (L.) Kärnefelt & A. Thell – S; TBI:2,3,8–11,18, LE:11; 10 (Elenkin, 1901b), 11 (Radde, 1901), 19 (Rassadina, 1950), 1,6,9,8 (Pakhunova, 1959), 16 (Inashvili, 1971), 2 (Inašvili, 1977), 12 (Murvanishvili et al., 2006).
- FLAVOPARMELIA caperata** (L.) Hale – B; TBI:1–14,16–19, TGM:9,19, LE:1, KW:1,12; 9 (Rabenhorst, 1871), 1 (Tkeshelashvili, 1898), 2 (Vainio, 1899), 10 (Elenkin, 1901a), 19, 1,7,16 (Voronov, 1915), 5,12,14 (Pakhunova, 1933), 3 (Pakhunova, 1956), 8 (Vězda, 1961), 13 (Inašvili, 2000), 17 (Chelidze, 1971).
- FLAVOPLACA citrina** (Hoffm.) Arup, Frödén & Søchting – R; TBI:3,19, LE:9,16; 16,19 (Pakhunova, 1933), 9,14 (Chelidze, 1971), 3 (Čelíže & Inašvili, 1979).
- Flavoplaca coronata** (Körb.) Arup, Frödén & Søchting – R; TBI:14; 14 (Chelidze, 1971), 9 (Bač'ac'ašvili & Čelíže, 2004).
- Flavoplaca flavocitrina** (Nyl.) Arup, Frödén & Søchting – B; R; W; 7 (Vondrák et al., 2009).
- Flavoplaca granulosa** (Müll. Arg.) Arup, Frödén & Søchting – R; 9 (Bač'ac'ašvili & Čelíže, 2004).
- FLAVOPUNCTELIA flaventior** (Stirt.) Hale – B; TBI:11,13,16; 13 (Inašvili, 2000), 16 (Kupradze, 2009).
- Flavopunctelia soledica** (Nyl.) Hale – B; TBI:8,11,14,16,17; 17 (Rassadina, 1959), 10 (Inashvili, 1963b), 11 (Inashvili, 1965a), 16 (Inashvili, 1971).
- FULGENSIA bracteata** (Hoffm.) Räsänen – R; TBI:9,14; 9 (Voronov, 1915), 13 (Chelidze, 1971).
- Fulgensia desertorum** (Tomin) Poelt – S; TBI:13.
- Fulgensia fulgens** (Sw.) Elenkin – S; TBI:1,13, 9 (Voronov, 1915), 13 (Szatala, 1944).
- FUSCIDEA lygaea** (W. Mann) V. Wirth & Vězda\* – R; TBI:19; 9 (Chelidze, 1971).
- FUSCOPANNARIA praetermissa** (Nyl.) P. M. Jørg.\* – S, R; TBI:1–3,8–10,13,19; 3 (Vainio, 1899), 19 (Elenkin, 1901b), 9 (Pakhunova, 1933), 10,11 (Inashvili, 1965a), 16 (Inashvili, 1971), 13 (Inašvili, 2000), 14,17,18 (Chelidze, 1971).
- GABURA fascicularis** (L.) M. Jørg. – B; TBI:1–3,9,11; 2 (Vainio, 1899), 11 (Inashvili, 1965a).  
*GASPARRINIA aurantia* (Pers.) Syd. → *Klauderuiella aurantia*  
*Gasparrinia decipiens* (Arnold) Syd. → *Calogaya decipiens*  
*Gasparrinia lobulata* (Flörke) Mereschk. → *Seawardiella lobulata*  
*Gasparrinia tominii* Savicz → *Xanthocarpia tominii*
- GONOHYMENIA mesopotamica** J. Steiner – R; TBI:9,17; 9,17 (Chelidze, 1971).
- GRAPHIS scripta** (L.) Ach. – B; TBI:3–5,7,9,10,12,16,19, TGM:1, LE:7,9,12,19; 19 (Elenkin, 1901b), 1 (Voronov, 1915), 12 (Pakhunova, 1952), 9 (Tomin, 1934), 10 (Inashvili, 1965a), 16 (Inashvili, 1971), 2 (Inašvili, 1977), 13 (Inašvili, 2000),

- 4 (Chelidze, 1981), 12 (Chikovani et al., 2005), 16 (Inashvili & Kupradze, 2006), 17 (Inashvili & Kupradze, 2008).
- Graphis dendritica* (Ach.) Ach. → *Phaeographis dendritica*
- GYALECTA arbuti** (Bagl.) Baloch & Lücking – B; LE:1; 1 (Pisút, 1975).
- Gyalecta fagicola* (Arnold) Kremp. – B; 19 (Tomin, 1934).
- Gyalecta foveolaris* (Ach.) Schaer. – M; 3 (Vainio, 1899).
- Gyalecta truncigena* (Ach.) Hepp. – B; 1 (Vězda, 1978a).
- Gyalecta ulmi* (Sw.) Zahlbr. – B; TBI:2; 19 (Tomin, 1934).
- HAEMATOMMA ochroleucum** (Neck.) J. R. Laundon var. **ochroleucum** – R; TU:10.
- Haematomma elatinum* (Ach.) A. Massal. → *Loxospora elatina*
- Haematomma ventosum* (L.) A. Massal. → *Ophioparma ventosa*
- HAZSLINSZKYA gibberulosa** (Ach.) Körb. – NLF; B; LE:19; 19 (Elenkin, 1901b).
- HEPPIA adglutinata** (Kremp.) A. Massal. – S; TBI:3; 3 (Inashvili, 1970).
- Heppia lutosa* (Ach.) Nyl. – S; TBI:3,16.
- Heppia virescens* (Mont.) Nyl. → *Heppia adglutinata*
- HETERODERMIA speciosa** (Wulfen.) Trevis – B; TBI:1–5,10–12,16,19, TGM:4, LE:19, KW:12,19; 2 (Vainio, 1899), 10,19 (Elenkin, 1901a), 3 (Pakhunova, 1933), 16,17 (Inashvili, 1971).
- HYPERPHYSCIA adglutinata** (Flörke) H. Mayrhofer & Poelt – B; TBI:9–13,17, LE:17; 9–11 (Inashvili, 1965a), 13 (Inashvili, 2000), 14,17,18 (Chelidze, 1971), 4 (Chelidze, 1981).
- HYPOGYMNIA austerodes** (Nyl.) Räsänen – B; TBI:2,11,18,19; 19 (Blum, 1965), 11 (Inashvili, 1965a)
- Hypogymnia bitteri* (Lyngé) Ahti – B; TBI:2,3,11,16,19; 19 (Tomin, 1934), 11 (Inashvili, 1965a), 16 (Inashvili, 1971).
- Hypogymnia duplicata* (Sm.) Räsänen\* – B; TBI:3; 2 (Vainio, 1899), 19 (Pakhunova, 1933).
- Hypogymnia farinacea* Zopf. – B; TBI:9; 9 (Inashvili & Batsatsashvili, 2010).
- Hypogymnia physodes* (L.) Nyl. – B; TBI:1–6,8–12,14,16–19, TGM:19; 7 (Voronov, 1915), 2 (Szatala, 1944), 16,19 (Pakhunova, 1946), 14 (Pakhunova, 1952), 3 (Pakhunova, 1956), 11 (Inashvili, 1965a), 13 (Inashvili, 2000), 9 (Bac'ac'ashvili & Čelíže, 2004), 12 (Chikovani et al., 2005).
- Hypogymnia subduplicata* (Rass.) Rass.\* – S; TBI:2; 2 (Inashvili & Batsatsashvili, 2010).
- Hypogymnia subobscura* (Vain.) Poelt.\* – R; TU:10.
- Hypogymnia tubulosa* (Schaer.) Hav. – B; TBI:1–3,5–11,14,16,18,19; 7 (Voronov, 1915), 9 (Pakhunova, 1946), 14 (Pakhunova, 1952), 3 (Pakhunova, 1956), 10,11 (Inashvili, 1965a), 16 (Inashvili, 1971).
- Hypogymnia vittata* (Ach.) Parrique – S; B; TBI:1–3,5–8,10,11,16,19, TGM:19; 2 (Jatta, 1900), 7 (Voronov, 1915), 3 (Pakhunova, 1956), 11 (Inashvili, 1965a), 16,19 (Inashvili, 1971), 12 (Chikovani et al., 2005).
- Hypogymnia encausta* (Sm.) Walt. Watson → *Brodoa intestiniformis*
- Hypogymnia intestiniformis* (Vill.) Räsänen → *Brodoa intestiniformis*
- HYPOTRACHYNA bahiana** (Nyl.) Hale – B; 1 (Gagarina, 2015).
- Hypotrachyna laevigata* (Sm.) Hale – B; TBI:5, 4 (Chelidze, 1981).
- Hypotrachyna pseudosinuosa* (Asahina) Hale – B; TBI:1,3–5,7,12; 5 (Inashvili, 1970), 4 (Chelidze, 1981), 1 (Gagarina, 2015).
- Hypotrachyna revoluta* (Flörke) Hale – B; TBI: 6,7,16; 16 (Kupradze, 2009).
- Hypotrachyna sinuosa* (Sm.) Hale – B; TBI:16; 16 (Kupradze, 2009).

- ICMADOPHILA ericetorum** (L.) Zahlbr. – B; TBI:1–3,16, LE:3,19; 7 (Voronov, 1915), 1,19 (Pakhunova, 1933), 3 (Pakhunova, 1956).
- IMMERSARIA athroocarpa** (Ach.) Rambold & Pietschm. – R; 13,14 (Chelidze, 1971), 9 (Bac'ac'ašvili & Čeliže, 2004).
- Immersaria cupreatra** (Nyl.) Calat. & Rambold – R; TBI:2,9,19, LE:2,19; 2 (Vainio, 1899), 9,19 (Chelidze, 1971), 2,3 (Inašvili, 1977), 18 (Inashvili, 1971), 12 (Murvanishvili et al., 2006).
- IMSHAUGIA aleurites** (Ach.) S. L. F. Mey – B; TBI:9,19, LE:19; 19 (Elenkin, 1901a).
- KILIASIA athallina** (Hepp) Hafellner – R; 9 (Chelidze, 1971).
- KLAUDERUIELLA aurantia** (Pers.) S. Y. Kondr. & Hur – R; 13 (Chelidze, 1971).
- LAMBIELLA insularis** (Nyl.) T. Sprib. – R; 10 (Elenkin, 1901b).
- LASALLIA pustulata** (L.) Mérat – R; TU:10.
- LATHAGRIUM auriforme** (With.) Otálora, P. M. Jørg. & Wedin – S, R; TBI:1,5,7,9; 1,9 (Inashvili, 1965a).
- Lathagrium cristatum** (L.) Otálora, M. Jørg. & Wedin – S; TBI:3–5,9,10,18,19, TGM:9; 9,16 (Voronov, 1915), 10,11 (Inashvili, 1965a), 19 (Inashvili, 1971), 13,14 (Chelidze, 1971), 17 (Inašvili & Kupraže, 2008).
- Lathagrium undulatum** (Flot.) Poetsch – R, S; TBI:1–4,8; 1 (Inashvili, 1965a), 8 (Inashvili, 1970), 10 (Inashvili, 1971), 9 (Chelidze, 1971).
- LAUNDONIA flavovirescens** (Wulfen) S. Y. Kondr., Lőkös & Hur – R; 3 (Pakhunova, 1956), 19 (Blium, 1965), 9,14 (Chelidze, 1971).
- LECANACTIS abietina** (Ach.) Körb. – B; 19 (Elenkin, 1901a).
- LECANIA croatica** (Zahlbr.) Kotlov – B; TBI:1; 1 (Voronov, 1915).
- Lecania cyrtella** (Ach.) Th. Fr. – B; TBI:1,3,16, KW:19; 1 (Voronov, 1915), 19 (Pakhunova, 1933).
- Lecania dubitans** (Nyl.) A. L. Sm. – B; LE:19, KW:19; 16 (Inashvili, 1971).
- Lecania erysibe** (Ach.) Mudd. – R; TBI:13; 9,13 (Chelidze, 1971).
- Lecania fuscella** (Schaer.) A. Massal. – B; TBI:13,17; 13 (Chelidze, 1971).
- Lecania koerberiana** J. Lahm – B; TBI:1,7,17; 19 (Elenkin, 1901b), 1 (Voronov, 1915), 13,14 (Chelidze, 1971).
- Lecania naegelii** (Hepp) Diederich & Van den Boom – B; TBI:9,19.
- Lecania nylanderiana** A. Massal. – R; TBI:4; 4 (Chelidze, 1981), 9 (Bac'ac'ašvili & Čeliže, 2004).
- Lecania dimera* (Nyl.) Th. Fr. → *Lecania dubitans*
- Lecania syringeae* (Ach.) Th. Fr. → *Lecania fuscella*
- LECANORA albella** (Pers.) Ach. – B; TBI:3,5,8, 9,12,16,19, TGM:19, LE:10,19; 19 (Elenkin, 1901b), 14 (Pakhunova, 1952), 9 (Chelidze, 1971).
- Lecanora allophana** (Ach.) Nyl. f. *allophana* – B; TBI:1–3,5–10,12,14,16–19, TGM:16,19, LE:19; 19 (Elenkin, 1901b), 1,7,9 (Voronov, 1915), 5,16 (Pakhunova, 1933), 14 (Pakhunova, 1952), 3 (Pakhunova, 1956), 11 (Inashvili, 1965a), 16 (Inashvili, 1971), 13 (Inašvili, 2000), 4 (Chelidze, 1981), 9 (Bac'ac'ašvili & Čeliže, 2004), 12 (Chikovani et al., 2005), 16 (Inashvili & Kupradze, 2006), 17 (Inašvili & Kupraže, 2008).
- Lecanora alpestris** Sommerf.\* – R; TBI:9.
- Lecanora argentata** (Ach.) Malme – B; TBI:1,2,4–6,9,10,12,14,16,17–19, LE:19; 19 (Elenkin, 1901b), 1 (Voronov, 1915), 11 (Inashvili, 1965a), 13 (Inašvili, 2000), 9,14,17 (Chelidze, 1971), 16 (Inashvili, 1971), 4 (Chelidze, 1981), 9 (Bac'ac'ašvili & Čeliže, 2004), 17 (Inašvili & Kupraže, 2008).
- Lecanora bicincta** Ramond var. *bicincta* – R; LE:3; 2,3 (Vainio, 1899), 19 (Pakhunova, 1933).

- Lecanora campestris* (Schaer.) Hue – R; TBI:16,17,19, LE:19, KW:19; 19 (Pakhunova, 1933).
- Lecanora carpinea* (L.) Vain. – B; TBI:1,3,7,8,10,12,14,19, TGM:16,19, LE:17,19, KW:19; 19 (Elenkin, 1901b), 1,7,9 (Voronov, 1915), 16 (Pakhunova, 1933), 14 (Pakhunova, 1952), 3 (Pakhunova, 1956), 10,11 (Inashvili, 1965a), 13 (Inašvili, 2000), 12 (Chikovani et al., 2005), 17 (Inašvili & Kupraže, 2008).
- Lecanora caucasica* Ach.\* – S; Acharius (1810).
- Lecanora cenisia* Ach. – R; TBI:2,9,19, LE:19, KW:19; 9 (Voronov, 1915), 19 (Pakhunova, 1933), 17 (Inašvili & Kupraže, 2008).
- Lecanora chlarotera* Nyl. subsp. *chlarotera* – R, B; TBI:1,16,19; 3 (Vainio, 1899), 10 (Elenkin, 1901b), 9 (Voronov, 1915), 19 (Pakhunova, 1933), 13,14 (Chelidze, 1971), 17 (Inašvili & Kupraže, 2008), 1 (Gagarina, 2015).
- Lecanora chlarotera* subsp. *meridionalis* (H. Magn.) Clauzade & Cl. Roux – B; LE:7.
- Lecanora epibryon* (Ach.) Ach. var. *epibryon* – M; TBI:1,9,19, LE:10; 10 (Elenkin, 1901b).
- Lecanora expallens* Ach. – B; TBI:7, TGM:7; 7 (Voronov, 1915), 4 (Chelidze, 1981).
- Lecanora frustulosa* (Dicks.) Ach. – R; TBI:9,12,19, LE:9,18; 10 (Elenkin, 1901b), 9 (Voronov, 1915), 19 (Pakhunova, 1933), 16 (Inashvili, 1971), 13,14,17 (Chelidze, 1971), 12 (Murvanishvili et al., 2006).
- Lecanora glabrata* (Ach.) Malme – B; TBI:1,3,9,19, LE:7,10,19; 19 (Elenkin, 1901b), 1 (Voronov, 1915), 12 (Chikovani et al., 2005).
- Lecanora hypoptella* (Nyl.) Grunmann – B; 19 (Tomin, 1934).
- Lecanora intumescens* (Rebent.) Rabenh. – B; TBI:17; 19 (Pakhunova, 1933), 17 (Chelidze, 1971).
- Lecanora leptyrodes* (Nyl.) Degel. – B; TBI:3, LE:10.
- Lecanora marginata* (Schaer.) Hertel & Rambold – R; LE:3; 3 (Vainio, 1899).
- Lecanora polytropa* (Hoffm.) Rabenh. var. *polytropa* – R; TBI:2,19; 3 (Vainio, 1899), 10 (Elenkin, 1901a), 19 (Pakhunova, 1933).
- Lecanora pulicaris* (Pers.) Ach. – B; TBI:1,3,5,7–9,12,17,19, KW:19, LE:7,19; 1,7 (Voronov, 1915), 16 (Pakhunova, 1933), 19 (Blum, 1965), 10 (Inashvili, 1965a), 13 (Inašvili, 2000), 9 (Bac'ac'ašvili & Čeliže, 2004), 17 (Inašvili & Kupraže, 2008).
- Lecanora rupicola* (L.) Zahlbr. subsp. *rupicola* var. *rupicola* – R; TBI:7,19; 7 (Voronov, 1915), 19 (Pakhunova, 1933).
- Lecanora sarcopis* (Ach.) Ach. – B; LE:19.
- Lecanora subcarnea* (Lilj.) Ach. – R; TBI:17, LE:3; 3 (Vainio, 1899), 16,17 (Inashvili, 1971).
- Lecanora swartzii* (Ach.) Ach. subsp. *swartzii* – R; LE:19.
- Lecanora symmicta* (Ach.) Ach. – B; TBI:5, LE:19; 19 (Tomin, 1934), 5 (Inashvili, 1970).
- Lecanora varia* (Hoff.) Ach. – B; LE:19; 13 (Inašvili, 2000).
- Lecanora alboeffigurata* (Anzi) Jatta → *Protoparmeliopsis versicolor*
- Lecanora albomarginata* (Nyl. ex Th. Fr.) Cromb. → *Protoparmeliopsis versicolor*
- Lecanora atra* (Huds.) Ach. → *Tephromela atra*
- Lecanora atrynea* (Ach.) Nyl. → *Lecanora cenisia*
- Lecanora badia* (Hoffm.) Ach. → *Protoparmelia badia*
- Lecanora castanea* (Hepp) Th. Fr. → *Bryonora castanea*
- Lecanora chlarona* (Ach.) Nyl. → *Lecanora pulicaris*
- Lecanora circinata* (Pers.) Ach. → *Lobothallia radiosa*
- Lecanora coarctata* (Sm.) Ach. → *Trapelia coarctata*
- Lecanora coilocarpa* (Ach.) Nyl. → *Lecanora pulicaris*



- Lecanora conizaea* (Ach.) Nyl. → *Lecanora expallens*  
*Lecanora crassa* (Huds.) Ach. → *Squamarina cartilaginea* var. *cartilaginea*  
*Lecanora cyrtella* (Ach.) Röhl. → *Lecania cyrtella*  
*Lecanora distans* (Pers.) Nyl. → *Polyozosia populicola*  
*Lecanora garovaglii* (Körb.) Zahlbr. → *Protoparmeliopsis garovaglii*  
*Lecanora gibbosa* (Ach.) Nyl. → *Circinaria gibbosa*  
*Lecanora hagenii* (Ach.) Ach. → *Polyozosia hagenii*  
*Lecanora melanophthalma* (DC.) Ramond → *Rhizoplaca melanophthalma*  
*Lecanora meridionalis* H. Magn. → *Lecanora chlarotera* subsp. *meridionalis*  
*Lecanora muralis* (Schreb.) Rabenh. → *Protoparmeliopsis muralis*  
*Lecanora pallida* (Schreb.) Rabenh. → *Lecanora albella*  
*Lecanora praeradiosa* Nyl. → *Lobothallia praeradiosa*  
*Lecanora rugosella* Zahlbr. → *Lecanora chlarotera* subsp. *chlarotera*  
*Lecanora rupicola* (L.) Zahlbr. → *Lecanora rupicola* subsp. *rupicola* var. *rupicola*  
*Lecanora sambuci* (Pers.) Nyl. → *Polyozosia sambuci*  
*Lecanora stenhammarii* (Körb.) Jatta → *Lecanora rupicola* subsp. *rupicola* var. *rupicola*  
*Lecanora subcircinata* Nyl. → *Lobothallia radiosa*  
*Lecanora subfuscata* H. Magn. → *Lecanora argentata*  
*Lecanora subrugosa* Nyl. → *Lecanora argentata*  
*Lecanora xanthostigma* (Pers. ex Ach.) Röhl. → *Candelariella xanthostigma*
- Lecidea albocoerulescens*** (Wulf.) Ach.\* – R; TBI:19.  
***Lecidea albohyalina*** (Nyl.) Th. Fr. – B; 1 (Gagarina, 2015).  
***Lecidea atrobrunnea*** (DC.) Schaer. subsp. *atrobrunnea* – R; TBI:3,18, LE:10; 3 (Vainio, 1899), 9 (Chelidze, 1971), 2 (Inashvili, 1977).  
***Lecidea auriculata*** Th. Fr. subsp. *auriculata* – R; 3 (Vainio, 1899).  
***Lecidea caucasica*** (Ach.) Vain.\* – R; TBI:9; 9 (Voronov, 1915).  
***Lecidea fuscoatra*** (L.) Ach. – R; TBI:1; 1 (Pakhunova, 1933), 9 (Chelidze, 1971).  
***Lecidea goniophila*** Flörke var. *gracilis* (Arnold) ined.– R; TBI:3,8,9,11,16,19, LE:19; 9,19 (Pakhunova, 1933), 3 (Pakhunova, 1956), 11 (Inashvili, 1965a), 2 (Inashvili, 1971), 13,14 (Chelidze, 1971).  
***Lecidea grisella*** Flörke – R; 9 (Chelidze, 1971).  
***Lecidea lactea*** Flörke ex Schaer. – R; LE:10.  
***Lecidea lapicida*** (Ach.) Ach. var. *lapicida* – R; TBI:3,19, LE:3,10; 3 (Vainio, 1899), 10 (Elenkin, 1901b), 19 (Pakhunova, 1933).  
***Lecidea lithophila*** (Ach.) Ach. – R; TBI:19.  
***Lecidea umbonata*** (Hepp) Mudd – R; 3 (Vainio, 1899).  
*Lecidea atrofusca* (Fw.) Mudd → *Bryobilimbia hypnorum*  
*Lecidea athrocarpa* (Ach.) Ach. → *Immersaria athrocarpa*  
*Lecidea berengeriana* (A. Massal.) Nyl. → *Mycobilimbia berengeriana*  
*Lecidea cinereoatra* Ach. → *Porpidia cinereoatra*  
*Lecidea convexa* (Fr.) Th. Fr. → *Porpidia musiva*  
*Lecidea crustulata* (Ach.) Spreng. → *Porpidia crustulata*  
*Lecidea cyanea* (Ach.) Röhl. → *Lecidea lactea*  
*Lecidea declinans* (Nyl.) Nyl. → *Lecidea lapicida* var. *lapicida*  
*Lecidea diasemoides* Nyl. → *Lecidella stigmataea*  
*Lecidea elaeochroma* (Ach.) Ach. → *Lecidella elaeochroma* var. *elaeochroma*

- Lecidea epipolioides* (J. Steiner) Szatala → *Lecidella patavina*  
*Lecidea exornans* (Arnold) Nyl. → *Lecidea umbonata*  
*Lecidea glomerulosa* (DC.) Steud. → *Lecidella euphorea*  
*Lecidea griseoatra* (Flot.) Schaer. → *Miriquidica subplumbea*  
*Lecidea hypoptella* Nyl. → *Lecanora hypoptella*  
*Lecidea insularis* Nyl. → *Lambiella insularis*  
*Lecidea intumescens* (Flörke ex Flot.) Nyl. → *Lambiella insularis*  
*Lecidea jurana* Schaer. → *Farnoldia jurana* subsp. *jurana*  
*Lecidea latypiza* Nyl. → *Lecidella carpathica*  
*Lecidea laureri* (Hepp) Anzi → *Lecidella laureri*  
*Lecidea macrocarpa* (DC.) Steud. → *Porpidia macrocarpa*  
*Lecidea marginata* Schaer. → *Lecanora marginata*  
*Lecidea mosigii* (Körb.) Anzi → *Orphniospora mosigii*  
*Lecidea neglecta* Nyl. → *Lepraria neglecta*  
*Lecidea parasema* (Ach.) Ach. → *Lecidella elaeochroma* var. *elaeochroma*  
*Lecidea rhaetica* Hepp ex Th. Fr. → *Farnoldia micropsis*  
*Lecidea sanguineoatra* Ach. → *Bryobilimbia sanguineoatra*  
*Lecidea speirea* (Ach.) Ach. → *Porpidia speirea*  
*Lecidea sylvana* (Körb.) Th. Fr. → *Biatora globulosa*  
*Lecidea vernalis* (L.) Ach. → *Biatora vernalis*  
*Lecidea vulgata* Zahlbr. → *Lecidella stigmatea*
- LECIDELLA carpathica** Körb. var. *carpathica* – R; TBI:14, TGM:1,16, LE:1,16;  
 3 (Vainio, 1899), 7,9,16 (Voronov, 1915), 14 (Kupradze et al., 2018).
- Lecidella elaeochroma** (Ach.) M. Choisy var. *elaeochroma* – B; TBI:1,7,16,17,19,  
 TGM:1,7, LE:17,19; 2 (Vainio, 1899), 1,7 (Voronov, 1915), 17 (Inašvili & Kupraze,  
 2008).
- Lecidella euphorea** (Flörke) Hertel – B; TBI:1–3,5,6,8,15,19, TGM:19; LE:15,19;  
 19 (Elenkin, 1901b), 5,16 (Pakhunova, 1933), 14 (Pakhunova, 1952),  
 3 (Pakhunova, 1956), 9 (Chelidze, 1971), 4 (Chelidze, 1981), 2 (Inašvili, 1977),  
 13 (Inašvili, 2000), 12 (Chikovani et al., 2005).
- Lecidella laureri** (Hepp) Körb. – B, R; LE:2; 19 (Tomin, 1934).
- Lecidella patavina** (A. Massal.) Knoph & Leuckert – R; 9 (Steiner, 1919).
- Lecidella stigmatea** (Ach.) Hertel & Leuck – R; TBI:7,9,13; 3 (Vainio, 1899), 7,9  
 (Voronov, 1915), 13 (Kupradze et al., 2018).
- LEMPHOLEMMA polyanthes** (Bernh.) Malme – R; TBI:2,17; 17 (Inashvili, 1971),  
 2 (Inašvili, 1977), 9 (Chelidze, 1971).
- Lempholemma myriococcum* (Ach.) Th. Fr. → *Lempholemma polyanthes*
- LEPRA albescens** (Huds.) Hafellner – B; TBI:1–4,7–10,12,14,16,17,19, TGM:19,  
 LE:19; 10 (Elenkin, 1901b), 16 (Voronov, 1915), 19 (Pakhunova, 1933),  
 14 (Pakhunova, 1952), 3 (Pakhunova, 1956), 11 (Inashvili, 1965a), 13 (Inašvili,  
 2000), 4 (Chelidze, 1981), 12 (Chikovani et al., 2005).
- Lepra amara** (Ach.) Hafellner – B; TBI:1,3,5,7,9,10,12,14,16,19, TGM:6,19; 1,16  
 (Voronov, 1915), 19 (Pakhunova, 1933), 14 (Pakhunova, 1952), 3 (Pakhunova,  
 1956), 2 (Inašvili, 1977), 9 (Chelidze, 1971), 16 (Inashvili & Kupradze, 2006).
- Lepra caucasica** (Erichsen) Hafellner\* – R; TBI:7,19.
- Lepra dactylina** (Ach.) Hafellner\* – R; TU:10.
- Lepra multipuncta** (Turner) Hafellner – B; TBI:1,3; 19 (Tomin, 1934).
- Lepra ocellata** (Körb.) Hafellner\* – R; TBI:9.

- Lepra trachythallina*** (Erichsen) Lendemer & R. C. Harris – B; TBI:1,3,5,12; 1 (Voronov, 1915), 19 (Pakhunova, 1933), 14 (Pakhunova, 1952).
- LEPRARIA incana\*** (L.) Ach. – B; TBI:5,7; 19 (Blum, 1965), 4 (Chelidze, 1981), 9 (Bac'ac'ašvili & Čeliže, 2004).
- Lepraria membranacea*** (Dicks.) Vain. – M; 3 (Vainio, 1899).
- Lepraria neglecta*** (Nyl.) Erichsen – R; TBI:7, LE:3; 3 (Vainio, 1899), 7 (Voronov, 1915).
- Lepraria aeruginosa* Sm. → *Lepraria incana*
- Lepraria candelaris* (L.) Fr. → *Chrysothrix candelaris*
- LEPROCAULON quisquiliare** (Leers) M. Choisy – R; TBI:7; 7 (Voronov, 1915), 9 (Chelidze, 1971).
- LEPROLOMA membranaceum* (Dicks.) Vain. → *Lepraria membranacea*
- LEPROPLACA cirrochroa** (Ach.) Arup, Frödén & Söchting – R; LE:9.
- LEPTOGIUM burnetiae** C. W. Dodge – B; TBI:2–4, 9,11,19; 2 (Inašvili, 1977), 3,4 (Čeliže & Inašvili, 1979).
- Leptogium corticola*** (Taylor) Tuck. – B; 1,2,5,7,10 (TBI); 5,10 (Inashvili, 1980).
- Leptogium cyanescens*** (Ach.) Körb. – B; S; TBI:1–10,12,16–19, TGM:7; 1 (Voronov, 1915), 2 (Vainio, 1899), 7 (Voronov, 1915), 19 (Pakhunova, 1933), 14 (Pakhunova, 1952), 3 (Pakhunova, 1956), 5, 10 (Inashvili, 1965a), 11,16 (Inashvili, 1971), 4 (Chelidze, 1981), 12 (Chikovani et al., 2005).
- Leptogium hildenbrandii*** (Garov.) Nyl. – B; TBI:9–11,16; 9,10 (Inashvili, 1976).
- Leptogium saturninum*** (Dick.) Nyl. – B; TBI:2–4,6,8–10,12,14,16–19, TGM:19, KW:19; 2 (Jatta, 1900), 19 (Pakhunova, 1933), 14 (Pakhunova, 1952), 3 (Pakhunova, 1956), 10 (Inashvili, 1965a), 11,16 (Inashvili, 1971), 12 (Chikovani et al., 2005).
- Leptogium byssinum* (Hoffm.) Nyl. → *Epiphloea byssina*
- Leptogium lichenoides* (L.) Zahlbr. → *Scytinium lichenoides*
- Leptogium minutissimum* (Flörke) Fr. → *Scytinium subtile*
- Leptogium plicatile* (Ach.) Leight. → *Scytinium plicatile*
- Leptogium sinuatum* (Huds.) A. Massal. → *Scytinium gelatinosum*
- Leptogium subtile* (Schrad.) Torss. → *Scytinium subtile*
- Leptogium tenuissimum* (Hoffm.) Körb. → *Scytinium tenuissimum*
- Leptogium tremelloides* (L.fil.) Gray → *Leptogium cyanescens*
- LEPTORHAPHIS buxi** J. Steiner – NLF; B; TGM:1; 1 (Voronov, 1915).
- Leptorhaphis lucida*** Körb. – B; TBI:12; 12 (Kupradze et al., 2018).
- LETHARIA vulpina** (L.) Hue – B; TBI:11,19, LE:19; 10,19 (Elenkin, 1901b).
- LICHINELLA iodopulchra** (Croz.) P. P. Moreno & Egea – R; TBI:16; 16 (Inashvili, 1971), 9 (Inashvili, 1972), 13 (Chelidze, 1971).
- LITHOGRAPHIA tesserata** (DC.) Nyl. – R; 7 (Voronov, 1915).
- LOBARIA pulmonaria** (L.) Hoffm. – B; TBI:1–12,14,16,18,19, TGM:2,7,19, LE:1,5,7,9,16,19, KW:1,19; 7 (Tkeshelashvili, 1898), 1 (Vainio, 1899), 2 (Jatta, 1900), 19 (Elenkin, 1901a), 5 (Pakhunova, 1933), 14 (Pakhunova, 1952), 3 (Pakhunova, 1956), 11 (Tumadjanov, 1938), 10 (Inashvili, 1965a), 16 (Inashvili, 1971), 12 (Chikovani et al., 2005).
- Lobaria amplissima* (Scop.) Forssell → *Ricasolia amplissima*
- Lobaria laetevirens* (Lightf.) Zahlbr. → *Ricasolia virens*
- Lobaria scrobiculata* (Scop.) DC. → *Lobarina scrobiculata*
- Lobaria verrucosa* (Huds.) Hoffm. → *Lobarina scrobiculata*

- LOBARINA scrobiculata** (Scop.) Nyl. – B; TBI:1–3,5,7,19, TGM:7; 1,7 (Voronov, 1915), 3 (Pakhunova, 1956), 9, 11 (Inashvili, 1965a), 2 (Inašvili, 1977), 12 (Chikovani et al., 2005).
- LOBOTHALLIA alphoplaca** (Wahlenb.) Hafellner – R; TBI:2,3,8–11,13; 3 (Pakhunova, 1956), 11 (Inashvili, 1965a), 16 (Inashvili, 1971), 2 (Inašvili, 1977), 13 (Inašvili, 2000), 9,14,18 (Chelidze, 1971), 12 (Murvanishvili et al., 2006).
- Lobothallia praevalida** (Nyl.) Hafellner – R; TBI:2,11,14; 11 (Inashvili, 1965a); 14 (Kupradze et al., 2018).
- Lobothallia radiosa** (Hoffm.) Hafellner – R; TBI:2,3,9,11,14, LE:9,10; 10 (Elenkin, 1901b), 9 (Voronov, 1915), 16,19 (Inashvili, 1971), 14,18 (Chelidze, 1971), 17 (Inašvili & Kupraže, 2008).
- Lobothallia recedens** (Taylor) A. Nordin, Savić & Tibell – R; LE:9; 9 (Steiner, 1919).
- LOXOSPORA elatina** (Ach.) A. Massal. – B; TBI:1; 1 (Voronov, 1915).
- MEGASPORA verrucosa** (Ach.) Arcadia & A. Nordin – R; TBI:3; 10 (Elenkin, 1901b), 9 (Bac'ac'ašvili & Čeliže, 2004).
- MELANELIA hepatizon** (Ach.) A. Thell – S; 3 (Vainio, 1899).
- Melanelia stygia** (L.) Essl. – R; TBI:2,3,18,19, TU:10; 2 (Vainio, 1899), 7 (Voronov, 1915), 1 (Pakhunova, 1946), 11 (Inashvili, 1965a).
- Melanelia exasperata* (De Not.) Essl. → *Melanohalea exasperata*
- Melanelia solediata* (Ach.) Goward & Ahti → *Montanelia solediata*
- Melanelia subaurifera* (Nyl.) Essl. → *Melanelixia subaurifera*
- MELANELIXIA fuliginosa** (Fr. ex Duby) O. Blanco, A. Crespo, Divakar, Essl., D. Hawksw. & Lumbsch – B; TBI:2,3,5,7,9–11; 2 (Szatala, 1944), 16,19 (Pakhunova, 1946), 10,11 (Inashvili, 1965a).
- Melanelixia glabra** (Schaer.) O. Blanco, A. Crespo, Divakar, Essl., D. Hawksw. & Lumbsch – B; TBI:1–3,7–11,16,19, TGM:16; 2 (Vainio, 1899), 1 (Voronov, 1915), 16 (Steiner, 1919), 19 (Pakhunova, 1933), 9,12,15 (Pakhunova, 1946), 14 (Pakhunova, 1952), 3 (Pakhunova, 1956), 8 (Vězda, 1961), 10,11 (Inashvili, 1965a), 16 (Inashvili, 1971).
- Melanelixia glabrata** (Lamy) Sandler & Arup – B; TBI:1–5,7–9,11,12,16,18; 16 (Voronov, 1915), 19 (Tomlin, 1934), 4 (Chelidze, 1981).
- Melanelixia subargentifera** (Nyl.) O. Blanco, A. Crespo, Divakar, Essl., D. Hawksw. & Lumbsch – B; TBI:1–3,7,9,13, LE:19; 10 (Inashvili, 1965a), 13 (Inašvili, 2000), 14 (Chelidze, 1971), 16 (Inashvili & Kupradze, 2006).
- Melanelixia subaurifera** (Nyl.) O. Blanco, A. Crespo, Divakar, Essl., D. Hawksw. & Lumbsch – B; TBI:2,3,7,9,10,14,16,18,19, LE:19; 19 (Pakhunova, 1946), 10,11 (Inashvili, 1965a), 16 (Inashvili, 1971), 4 (Chelidze, 1981).
- MELANOHALEA elegantula** (Zahlbr.) O. Blanco, A. Crespo, Divakar, Essl., D. Hawksw. & Lumbsch – B; TBI:9,19.
- Melanohalea exasperata** (De Not.) O. Blanco, A. Crespo, Divakar, Essl., D. Hawksw. & Lumbsch – B; TBI:1–3,9–11,16–19, KW:1; 2 (Jatta, 1900), 1,7 (Voronov, 1915), 19 (Pakhunova, 1933), 14 (Pakhunova, 1952), 3 (Pakhunova, 1956), 10 (Inashvili, 1965a), 16 (Inashvili, 1971), 9 (Bac'ac'ašvili & Čeliže, 2004), 17 (Inašvili & Kupraže, 2008).
- Melanohalea exasperatula** (Nyl.) O. Blanco, A. Crespo, Divakar, Essl., D. Hawksw. & Lumbsch – B; TBI:1–3,5,8–11,16,18,19, TGM:19; 2,3 (Vainio, 1899), 7,19 (Pakhunova, 1933), 1,7,9,12,19 (Pakhunova, 1946), 14 (Pakhunova, 1952), 10 (Inashvili, 1965a), 11,16 (Inashvili, 1971).
- Melanohalea olivacea** (L.) O. Blanco, A. Crespo, Divakar, Essl., D. Hawksw. & Lumbsch – B; TBI:1,3,8,10,14, TGM:11, TU:10; 10 (Elenkin, 1901a), 19 (Szatala, 1944), 9 (Pakhunova, 1946).
- Melaspilea gibberulosa* (Ach.) Zwackh → *Hazslinszkyia gibberulosa*

- MENEGAZZIA terebrata** (Hoffm.) A. Massal. – B; TBI:1–3,5,9,17,19, LE:17,19; 1,7 (Voronov, 1915).  
*Menegazzia pertusa* (Schaer.) J. Steiner → *Menegazzia terebrata*
- MICAREA denigrata** (Fr.) Hedl. – B; 2 (Vainio, 1899).
- MIRIQUIDICA subplumbea** (Anzi) Cl. Roux – R; 3 (Vainio, 1899).
- MONTANELIA disjuncta** (Erichsen) Divakar, A. Crespo, Wedin & Essl. – R; TBI:14; 14 (Kupradze et al., 2018).
- Montanelia panniformis** (Nyl.) Divakar, A. Crespo, Wedin & Essl. – R; TBI:10, TU:10.
- Montanelia sorediata** (Ach.) Divakar, A. Crespo, Wedin & Essl. – R; TBI:2,3,11,17; 2 (Pakhunova, 1946), 11 (Inashvili, 1965a), 16 (Inashvili & Kupradze, 2006).
- MYCOBILIMBIA berengeriana** (A. Massal.) Hafellner & V. Wirth – S, M; 8 (Vězda, 1961).
- Mycobilimbia sphaeroides** (Dicks.) S. Ekman & Printzen – M; TBI:8,10,14; 9 (Chelidze, 1971), 8 (Inashvili, 1970).
- Mycobilimbia tetramera** (De Not.) Hafellner & Türk – S, M; TBI:2,9; 3 (Vainio, 1899).
- MYCOCALICIUM subtile** (Pers.) Szatala – NLF; B; 1,3 (TBI); 11 (Anchabadze, 1959).  
*MICROTHELIA micula* Körb. → *Peridiothelia fuliginctia*  
*MYRIOLECIS crenulata* (Hook.) Sliwa, Zhao Xin & Lumbsch → *Polyozosia crenulata*  
*Myriolecis dispersa* (Pers.) Sliwa, Zhao Xin & Lumbsch → *Polyozosia dispersa*  
*Myriolecis sambuci* (Pers.) Clem. → *Polyozosia sambuci*
- MYRIOSPORA rufescens** (Turner ex Ach.) Hepp ex Uloth – R; TBI:9,19; 19 (Pakhunova, 1933).
- NAETROCYSMBE punctiformis** (Pers.) R. C. Harris – NLF; B; 19 (Elenkin, 1901b).  
*NEOFUSCELIA pulla* (Ach.) Essl. → *Xanthoparmelia pulla*
- Neofuscelia verruculifera** (Nyl.) Essl. → *Xanthoparmelia verruculifera*
- NEPHROMA helveticum** Ach. – B; TBI:1–3,5,6,12,19, TGM:19; 2 (Vainio, 1899), 19 (Elenkin, 1901a), 7 (Voronov, 1915), 1 (Inashvili, 1969), 12 (Murvanishvili et al., 2006).
- Nephroma parile** (Ach.) Ach. – B, R, S; TBI:1–12,16,19, LE:19; 2 (Vainio, 1899), 19 (Elenkin, 1901b), 1 (Voronov, 1915), 7 (Steiner, 1919), 10 (Inashvili, 1965a), 16 (Inashvili, 1971), 12 (Chikovani et al., 2005).
- Nephroma resupinatum** (L.) Ach. – B, S; TBI:1–4,7–10,18,19, TGM:19; 2 (Jatta, 1900), 19 (Elenkin, 1901b), 7 (Voronov, 1915), 3 (Pakhunova, 1956), 10 (Inashvili, 1965a), 16 (Inashvili, 1971), 12 (Murvanishvili et al., 2006).
- Nephroma subparile** Gyeln.\* – B; TBI:3; 3 (Pakhunova, 1956).  
*Nephroma lusitanicum* Schaer. → *Nephroma laevigatum*
- NEPHROMOPSIS chlorophylla** (Willd.) Divakar, A. Crespo & Lumbsch – B; TBI:1–3,5,6,8,9,19, LE:19; 3 (Vainio, 1899), 7,19 (Pakhunova, 1959), 2 (Inashvili, 1977).
- Nephromopsis cucullata** (Bellardi) Divakar, A. Crespo & Lumbsch – S; TBI:2,3,8,10,11,19; 10 (Elenkin, 1901a), 8,19 (Pakhunova, 1959), 11 (Inashvili, 1965a), 12 (Murvanishvili et al., 2006).
- Nephromopsis laureri** (Kremp.) Kurok. – B; TBI:19; 2 (Vainio, 1899), 19 (Pakhunova, 1959).
- Nephromopsis nivalis** (L.) Kärnefelt & A. Thell – S; TBI:2,3,8–11,18, LE:11; 10 (Elenkin, 1901b), 11 (Radde, 1901), 19 (Rassadina, 1950), 1,6,9,8 (Pakhunova, 1959), 16 (Inashvili, 1971), 2 (Inashvili, 1977), 12 (Murvanishvili et al., 2006).



- NIORMA chrysophthalma** (L.) S. Y. Kondr., Kärnefelt, Elix, A. Thell, M. H. Jeong & Hur f. – B; TBI:9,10; 10 (Inashvili, 1963b), 9 (Bac'ac'ašvili & Čelize, 2004).
- NORMANDINA pulchella** (Borrer) Nyl. – B; 1 (Vězda, 1979).
- OCHROLECHIA androgyna** (Hoffm.) Arnold – B; 7 (Voronov, 1915), 19 (Tomin, 1934).
- Ochrolechia arborea** (Kreyer) Almb. – B; TBI:19; 19 (Blum, 1965).
- Ochrolechia pallescens** (L.) A. Massal. – B; TBI:2,3,8,12; 10,19 (Elenkin, 1901b), 14 (Pakhunova, 1952), 3 (Pakhunova, 1956), 1 (Kukwa, 2011).
- Ochrolechia parella** (L.) A. Massal. – B; TBI:1–3,5,6,10,12,16,19, TGM:1,19, LE:19, KW:19; 2 (Vainio, 1899), 1,16 (Voronov, 1915), 19 (Pakhunova, 1933), 10 (Inashvili, 1965a), 11, 12 (Chikovani et al., 2005).
- Ochrolechia subviridis** (Høeg) Erichsen – B; TBI:12,19; 19 (Szatala, 1944).
- Ochrolechia tartarea** (L.) A. Massal. – R; 10,19 (Elenkin, 1901a).
- OMPHALODINA chrysoleuca** (Sm.) S. Y. Kondr., L. Lökös & Farkas – R; TBI:2,3,7,8–12,16,18,19, LE:2,3,8,10,11; 2,3 (Vainio, 1899), 10 (Elenkin, 1901b), 7 (Voronov, 1915), 19 (Pakhunova, 1933), 11 (Inashvili, 1965a), 16 (Inashvili, 1971), 9 (Chelidze, 1971), 12 (Murvanishvili et al., 2006).
- OPEGRAPHA lithyrga** Ach. – R; 19 (Blum, 1965).
- Opegrapha niveoatra** (Borrer) J. R. Laundon – B; TBI:16; 16 (Inashvili, 1971).
- Opegrapha atra* Pers. → *Arthonia atra*
- Opegrapha diaphora* Ach. → *Alyxoria varia*
- Opegrapha lichenoides* Pers. → *Alyxoria varia*
- Opegrapha pulicaris* (Hoffm.) Schrad. → *Alyxoria varia*
- Opegrapha rufescens* Pers. → *Pseudoschismatomma rufescens*
- Opegrapha subsiderella* (Nyl.) Arnold → *Opegrapha niveoatra*
- Opegrapha varia* Pers. → *Alyxoria varia*
- OLEGBLUMIA demissa** S. Y. Kondr., Lökös, Jung Kim, A. S. Kondr., S. O. Oh & Hur – R; TBI:7; 7 (Voronov, 1915).
- OPHIOPARMA ventosa** (L.) Norman – R; TBI:10,17,19, LE:19, KW:19; 18 (Inashvili, 1971).
- ORPHNIOSPORA mosigii** (Körb.) Hertel & Rambold – R; LE:19; 9,17 (Chelidze, 1971).
- OXNERIA ulophyllodes** (Räsänen) S. Y. Kondr. & Kärnefelt – B; TBI:2,9–11,15,17; 16 (Inashvili, 1971), 9 (Chelidze, 1971), 17 (Inashvili & Kupraže, 2008).
- Pachyphiale arbuti* (Bagl.) Arnold → *Gyalecta arbuti*
- Pachyphiale fagicola* (Arnold) Zwackh → *Gyalecta fagicola*
- PANNARIA conoplea** (Ach.) Bory – B; TBI:1–3,5,10,19; 9 (Acharius, 1810), 19 (Tomin, 1934), 3 (Pakhunova, 1956), 11 (Inashvili, 1965a), 16 (Inashvili, 1971).
- Pannaria lanuginosa* (Hoffm.) Szatala → *Pannaria conoplea*
- Pannaria leucophaea* (Vahl) P. M. Jørg. → *Vahliella leucophaea*
- Pannaria pezizoides* (Weber) Trevis. → *Protopannaria pezizoides*
- PARMELIA omphalodes** (L.) Ach. – RM ; TU:10.
- Parmelia saxatilis** (L.) Ach. – B, S, LC; TBI:1–6,8–11,13,14,18,19; 9 (Rabenhorst, 1871), 1 (Tkeshelashvili, 1898), 2 (Vainio, 1899), 10 (Elenkin, 1901b), 1,7 (Voronov, 1915), 19 (Pakhunova, 1933), 3 (Pakhunova, 1956), 2 (Szatala, 1944), 11 (Inashvili, 1965a), 16 (Inashvili, 1971), 12 (Murvanishvili et al., 2006).
- Parmelia squarrosa** Hale – B; TBI:3,6; 3 (Inashvili & Batsatsashvili, 2010).
- Parmelia sulcata** Taylor – B, RM; 1–12,14,16–19 (TBI); 2,3 (Vainio, 1899), 1,7 (Voronov, 1915), 19 (Pakhunova, 1933), 11 (Tumadjanov, 1938), 14 (Szatala,

1944), 9 (Inashvili, 1965a), 16 (Inashvili, 1971), 12 (Chikovani et al., 2005), 17 (Inashvili & Kupraze, 2008).

*Parmelia acetabulum* (Neck.) Duby → *Pleurosticta acetabulum*  
*Parmelia arnoldii* Du Rietz → *Parmotrema arnoldii*  
*Parmelia aspera* A. Massal. → *Melanohalea exasperata*  
*Parmelia borrieri* (Sm.) Turner → *Punctelia borrieri*  
*Parmelia caperata* (L.) Ach. → *Flavoparmelia caperata*  
*Parmelia carporrhizans* Taylor → *Parmelina carporrhizans*  
*Parmelia cetrarioides* (Delise ex Duby) Nyl. → *Cetrelia cetrarioides*  
*Parmelia cetrata* Ach. → *Parmotrema cetratum*  
*Parmelia conspersa* (Ach.) Hale → *Xanthoparmelia conspersa*  
*Parmelia divaricata* (L.) Ach. → *Parmelia squarrosa*  
*Parmelia elegantula* (Zahlbr.) Szatala → *Melanohalea elegantula*  
*Parmelia exasperatula* Nyl. → *Melanohalea exasperatula*  
*Parmelia fuliginosa* (Fr. ex Duby) Nyl. → *Melanelixia fuliginosa*  
*Parmelia glabra* (Schaer.) Nyl. → *Melanelixia glabra*  
*Parmelia glomellifera* (Nyl.) Nyl. → *Xanthoparmelia verruculifera*  
*Parmelia infumata* Nyl. → *Melanohalea infumata*  
*Parmelia isidiotyta* Nyl. → *Xanthoparmelia loxodes*  
*Parmelia koflerae* Clauzade & Poelt → *Pleurosticta koflerae*  
*Parmelia laetevirens* (Flot.) F. Rosend. → *Melanelixia glabratula*  
*Parmelia laevigata* (Sm.) Ach. → *Hypotrachyna laevigata*  
*Parmelia olivacea* (L.) Ach. → *Melanohalea olivacea*  
*Parmelia panniformis* (Nyl.) Vain. → *Montanelia panniformis*  
*Parmelia perforata* (Jacq.) Ach. → *Parmotrema perforatum*  
*Parmelia perlata* (Huds.) Ach. → *Parmotrema perlatum*  
*Parmelia perrugata* Nyl. → *Xanthoparmelia perrugata*  
*Parmelia prolixa* (Ach.) Röhl. → *Xanthoparmelia pulla*  
*Parmelia pseudosinuosa* Asahina → *Hypotrachyna pseudosinuosa*  
*Parmelia quercina* (Willd.) Vain. → *Parmelina quercina*  
*Parmelia reticulata* Taylor → *Parmotrema reticulatum*  
*Parmelia revoluta* Flörke → *Hypotrachyna revoluta*  
*Parmelia ryssolea* (Ach.) Nyl. → *Xanthoparmelia ryssolea*  
*Parmelia scortea* (Ach.) Ach. → *Parmelina tiliacea*  
*Parmelia sorediata* (Ach.) Th. Fr. → *Montanelia sorediata*  
*Parmelia stenophylla* (Ach.) Heugel → *Xanthoparmelia stenophylla*  
*Parmelia stuppea* Taylor → *Parmotrema stuppeum*  
*Parmelia stygia* (L.) Ach. → *Melanelixia stygia*  
*Parmelia subargentifera* Nyl. → *Melanelixia subargentifera*  
*Parmelia subaurifera* Nyl. → *Melanelixia subaurifera*  
*Parmelia subrudecta* Nyl. → *Punctelia subrudecta*  
*Parmelia tinctina* Maheu & A. Gillet → *Xanthoparmelia tinctina*  
*Parmelia ulophyllodes* (Vain.) Savicz → *Flavopunctelia soredica*  
*Parmelia vagans* (Nyl.) Nyl. → *Xanthoparmelia vagans*  
*Parmelia verruculifera* Nyl. → *Xanthoparmelia verruculifera*

**PARMELIELLA corallinoides** (Hoffm.) Zahlbr.\* – B, R; TBI:1,16,18; 2 (Vainio, 1899), 19 (Blium, 1965), 16 (Inashvili, 1971).

*Parmeliella lepidiota* (Sommerf.) Vain. → *Fuscopannaria praetermissa*

*Parmeliella plumbea* (Lightf.) Vain. → *Pectenium plumbea*

**PARMELINA carporrhizans** (Taylor) Poelt & Vězda – B; TBI:1–3,5,10,11,16; 1 (Voronov, 1915), 2 (Szatala, 1944), 5,12 (Pakhunova, 1946), 3 (Pakhunova, 1956), 9,11 (Inashvili, 1965a), 16 (Inashvili, 1971).

**Parmelina quercina** (Willd.) Hale – B; TBI:1–3,5,7,8–10,13,14,16, KW:14; 5 (Pakhunova, 1933), 1,16 (Pakhunova, 1946), 14 (Pakhunova, 1952), 9–11 (Inashvili, 1965a), 13 (Inashvili, 2000), 9 (Chelidze, 1971), 12 (Chikovani et al., 2005).

**Parmelina tiliacea** (Hoffm.) Hale – B, R; TBI:1–3,7,8–11,14,16,18,19, TU:10; 2 (Vainio, 1899), 9 (Voronov, 1915), 12,17 (Pakhunova, 1946), 14 (Pakhunova, 1952), 3 (Pakhunova, 1956), 19 (Blium, 1965), 10 (Inashvili, 1969), 16 (Inashvili, 1971), 13 (Inashvili, 2000).

**PARMELIOPSIS ambigua** (Hoffm.) Nyl. – B; TBI:1–3,6–9,11,18,19; 2,3 (Vainio, 1899), 7 (Voronov, 1915), 1,7,19 (Pakhunova, 1946), 16,18 (Inashvili, 1971), 12 (Chikovani et al., 2005).

**Parmeliopsis diffusa** (Weber) Riddle – B; TBI:7; 7 (Voronov, 1915).

**Parmeliopsis hyperopta** (Ach.) Arnold – B; TBI:2,3,6,8,18, LE:19; 2 (Vainio, 1899), 19 (Pakhunova, 1946), 18 (Inashvili, 1971).

*Parmeliopsis pallescens* (Hoffm.) Hillmann → *Imshaugia aleurites*

**PARMOTREMA arnoldii** (Du Rietz) Hale – B; TBI:1,4,7,9; 4,9 (Inashvili & Batsatsashvili, 2010).

**Parmotrema cetratum** (Ach.) Hale – B; TBI:5; 1 (Tkeshelashvili, 1898), 5 (Inashvili, 1972).

**Parmotrema perforatum** (Jacq.) A. Massal.\* – B; 7 (Radde, 1901).

**Parmotrema perlatum** (Huds.) M. Choisy – B; TBI:1–7,9,11,12,14,16,19, LE:1,7,19; 1 (Tkeshelashvili, 1898), 2 (Jatta, 1900), 7 (Voronov, 1915), 19 (Pakhunova, 1933), 5,12 (Pakhunova, 1946), 14 (Pakhunova, 1952), 3 (Pakhunova, 1956), 10,11 (Inashvili, 1965a), 4 (Chelidze, 1981), 16 (Inashvili & Kupraze, 2010).

**Parmotrema reticulatum** (Taylor) M. Choisy – B; TBI:1,4.

**Parmotrema stuppeum** (Taylor) Hale – B; 19 (Tomin, 1934), 19 (Pakhunova, 1946).

*Parmotrema chinense* (Osbeck) Hale & Ahti → *Parmotrema perlatum*

**PARVOPLACA tirolensis** (Zahlbr.) Arup, Söchting & Frödén – M, PD, TBI:14; 3 (Vainio, 1899), 10 (Elenkin, 1901b).

**PECCANIA coralloides** (A. Massal.) A. Massal. – R; TBI:3,9; 3 (Inashvili, 1970), 16 (Inashvili, 1971).

**Peccania terricola** H. Magn.\* – S; TBI:9.

**PECTENIA plumbea** (Lightf.) P. M. Jørg., L. Lindblom, Wedin & S. Ekman – R; 19 (Elenkin, 1901b).

**PELTIGERA aphthosa** (L.) Willd. – S; TBI:1–3,6–11,14,16,19, TGM:8,9, LE:3,10,19; 2 (Vainio, 1899), 19 (Elenkin, 1901b), 7 (Voronov, 1915), 1 (Voronov, 1922), 12 (Pakhunova, 1933), 14 (Pakhunova, 1952), 3 (Pakhunova, 1956), 11 (Inashvili, 1965a), 16 (Inashvili, 1971).

**Peltigera canina** (L.) Willd. – S; TBI:1–14,16–19, TGM:7,12,16,19, LE:2,8,10,19; 2 (Jatta, 1900), 19 (Elenkin, 1901b), 7, 9,16 (Voronov, 1915), 1,5,12 (Pakhunova, 1933), 14 (Pakhunova, 1952), 3 (Pakhunova, 1956), 10,11 (Inashvili, 1965a), 18 (Inashvili, 1971), 13 (Inashvili, 2000), 17 (Inashvili & Kupraze, 2008).

**Peltigera collina** (Ach.) Schrad. – B, RM; TBI:1–3,16,19, TGM:4; 2,19 (Inashvili, 1970), 16 (Inashvili, 1971).

- Peltigera degenii* Gyeln. – S, DW; TBI:1–3,6,10,18,19; 1,3 (Inashvili, 1969), 18 (Inashvili, 1971), 2 (Inašvili, 1977).
- Peltigera didactyla* (With.) J. R. Laundon – S; TBI:1–3,8,10,11,16,19, TGM:7, LE:1,7, BAK:19; 2 (Vainio, 1899), 11 (Inashvili, 1965a).
- Peltigera elisabethae* Gyeln. – S; TBI:2,3,8–10, LE:8, TU:10; 2,8,10 (Inashvili, 1978).
- Peltigera horizontalis* (Huds.) Baumg. – S; TBI:2,3,5,8–10,12,14,16–19, TGM:7,19, LE:3; 2 (Vainio, 1899), 7 (Voronov, 1915), 14 (Pakhunova, 1933), 3 (Pakhunova, 1956), 19 (Tomin, 1934), 9,10 (Inashvili, 1965a), 18 (Inashvili, 1971), 16 (Inashvili & Kupradze, 2006), 12 (Murvanishvili et al., 2006).
- Peltigera lepidophora* (Vain.) Bitter – S; TBI:2,3,5,9–11,19, LE:8; 11 (Inashvili, 1965a), 16,19 (Inashvili, 1971).
- Peltigera leucophlebia* (Nyl.) Gyeln – S; TBI:2,3,5,8–11, TGM:12; 9 (Chelidze, 1971), 12 (Murvanishvili et al., 2006).
- Peltigera malacea* (Ach.) Funck. – S; TBI:1–3,8–11,19, LE:8; 2 (Vainio, 1899), 11 (Inashvili, 1965a), 19 (Inashvili, 1971).
- Peltigera neckeri* Müll. Arg. – S; TBI:2,3,8–11,18,19; 9–11 (Inashvili, 1965a), 3 (Inashvili, 1969).
- Peltigera polydactylon* (Neck.) Hoffm. – S; TBI:1–3,5,6,8–12,14,16,18,19, TGM:9,19, LE:3,5,8,19; 1,3 (Tkeshelashvili, 1898), 19 (Pakhunova, 1933), 14 (Pakhunova, 1952), 9,10 (Inashvili, 1965a), 16 (Inashvili, 1971), 2 (Inašvili, 1977), 9 (Chelidze, 1971), 12 (Murvanishvili et al., 2006).
- Peltigera praetextata* (Flörke ex Sommerf.) Zopf – S; TBI:3,8,12,14, LE:8, TU:10; 2 (Szatala, 1944).
- Peltigera rufescens* (Weiss.) Humb. – S; TBI:1–3,7–11,16,18,19, TGM:7,16, LE:1,7–10,19; 2 (Vainio, 1899), 7 (Voronov, 1915), 16 (Steiner, 1919), 9 (Pakhunova, 1933), 19 (Tomin, 1934), 10,11 (Inashvili, 1965a), 14,17 (Chelidze, 1971), 16 (Inashvili & Kupradze, 2006).
- Peltigera scabrosa* Th. Fr. – S; TBI:9,10, LE:8; 9 (Inashvili, 1965a).
- Peltigera venosa* (L.) Baumg. – S; TBI:2,3,6,8–11,16,17,19, LE:8; 2 (Jatta, 1900), 11 (Inashvili, 1965a), 16 (Inashvili & Kupradze, 2006), 12 (Murvanishvili et al., 2006).
- Peltigera erumpens* (Taylor) Lange → *Peltigera didactyla*
- Peltigera mauritzii* Gyeln. → *Peltigera elisabethae*
- Peltigera polydactyloides* Nyl. → *Peltigera neckeri*
- Peltigera scutata* (Dicks.) Duby → *Peltigera collina*
- Peltigera spuria* (Ach.) DC. → *Peltigera didactyla*
- PELTULA euploca** (Ach.) Poelt – R; TBI:1,17; 9,17 (Inashvili, 1971), 19 (Chelidze, 1971).
- Peltula guepinii* (Delise) Gyeln. → *Peltula euploca*
- PERIDIOTHELIA fuliguncta** (Norman) D. Hawksw. – B; 9 (Bac'ac'ašvili & Čelīze, 2004).
- PERTUSARIA alpina** Hepp ex Ahles – B; TBI:3,7,10,19, TGM:19, LE:19, TU:10; 19 (Szatala, 1944).
- Pertusaria bryontha* (Ach.) Nyl. – B; M; LE:10,19; 10 (Elenkin, 1901b).
- Pertusaria chiodectionoides* Bagl. – R; TBI:7; 7 (Voronov, 1915), 9 (Chelidze, 1971).
- Pertusaria coccodes* (Ach.) Nyl. – B; TBI:2,3,16; 19 (Tomin, 1934), 1 (Gagarina, 2015).
- Pertusaria constricta* Erichsen – B; TBI:14,19.
- Pertusaria coronata* (Ach.) Th. Fr. – B; 19 (Tomin, 1934).
- Pertusaria faginea* (L.) Leight. – B; 9 (Tomin, 1934).
- Pertusaria flavida* (DC.) J. R. Laundon – B; LE:19.

- Pertusaria isidioides*** (Schaer.) Arnold.\* – R; TBI:19; 7 (Voronov, 1915).
- Pertusaria leioplaca*** (Ach.) DC. – B; TBI:1,3,4,10,16, LE:19; 19 (Elenkin, 1901b), 1,7 (Voronov, 1915), 4 (Chelidze, 1981).
- Pertusaria pertusa*** (L.) Tuck. var. ***pertusa*** – B; TBI:2,3,9,12; 19 (Elenkin, 1901b), 12 (Chikovani et al., 2005).
- Pertusaria pertusa*** var. ***rupestris*** (DC.) Dalla Torre & Sarnth. – R; LE:3; 3 (Vainio, 1899).
- Pertusaria pustulata*** (Ach.) Duby – B; TBI:1,7; 1 (Voronov, 1915), 4 (Chelidze, 1981).
- Pertusaria servitiana*** Erichsen\* – B; 19 (Blum, 1965).
- Pertusaria albescens* (Huds.) M. Choisy & Werner → *Lepra albescens*
- Pertusaria amara* (Ach.) Nyl. → *Lepra amara*
- Pertusaria caucasica* Erichsen → *Lepra caucasica*
- Pertusaria dactylina* (Ach.) Nyl. → *Lepra dactylina*
- Pertusaria globulifera* (Turner) A. Massal. → *Lepra albescens*
- Pertusaria inquinata* (Ach.) Th. Fr. → *Pertusaria chiodectonoides*
- Pertusaria lactea* (L.) Arnold → *Varicellaria lactea*
- Pertusaria laevigata* (Nyl.) Arnold → *Lepra trachythallina*
- Pertusaria leucostoma* (Ach.) A. Massal. → *Pertusaria leioplaca*
- Pertusaria multipuncta* (Turner) Nyl. → *Lepra multipuncta*
- Pertusaria nolens* Nyl. → *Pertusaria chiodectonoides*
- Pertusaria ocellata* Körb. → *Lepra ocellata*
- Pertusaria phymatodes* (Ach.) Erichsen → *Pertusaria coccodes*
- Pertusaria rupestris* (DC.) Schaer. → *Pertusaria pertusa* var. *rupestris*
- Pertusaria subviridis* Høeg → *Ochrolechia subviridis*
- Pertusaria trachythallina* Erichsen → *Lepra trachythallina*
- Pertusaria velata* (Turner) Nyl. → *Varicellaria velata*
- PHAEOGRAPHIS dendritica** (Ach.) Müll. Arg. – B; TBI:2,12,19, LE:12; 2 (Jatta, 1900).
- PHAEOPHYSCIA chloantha** (Ach.) Moberg. – B; 1 (TBI); 1 (Vězda, 1961).
- Phaeophyscia ciliata*** (Hoffm.) Moberg – B; TBI:1–5,8–11,12,16,19; 3 (Pakhunova, 1952), 14 (Pakhunova, 1952), 9 (Inashvili, 1965a), 16 (Inashvili, 1971), 2 (Inašvili, 1977), 17 (Chelidze, 1971), 4 (Chelidze, 1981), 17 (Inašvili & Kupraže, 2008).
- Phaeophyscia constipata*** (Norrl. & Nyl.) Moberg – S, M; 9 (Chelidze, 1971).
- Phaeophyscia endococcina*** (Körb.) Moberg – RM; TBI:2,3,8,9,11,19, TU:10; 2,3 (Vainio, 1899), 11 (Inashvili, 1963b), 19 (Inashvili, 1971).
- Phaeophyscia endophoenicea*** (Harm.) Moberg – B; TBI:3; 3 (Inashvili, 1970).
- Phaeophyscia hirsuta*** (Mereschk.) Essl. – B; TBI:9,11,13; 9 (Inashvili, 1978), 13 (Inašvili, 2000), 17 (Inašvili & Kupraže, 2008).
- Phaeophyscia hispidula*** (Ach.) Essl. – RM; B; TBI:1,2,5–11,12,16.
- Phaeophyscia nigricans*** (Flörke) Moberg – R; TBI:11; 3 (Čelíže & Inašvili, 1979).
- Phaeophyscia orbicularis*** (Neck.) Moberg – B; TBI:1–6,9–13,16,17, TGM:19, LE:19, TU:10, KW:1; 19 (Elenkin, 1901a), 1 (Voronov, 1915), 3 (Pakhunova, 1956), 9–11 (Inashvili, 1965a), 13 (Inašvili, 2000), 4 (Chelidze, 1981), 12 (Chikovani et al., 2005), 17 (Inašvili & Kupraže, 2008).
- Phaeophyscia sciastra*** (Ach.) Moberg – R; TBI:10,11; 10,11 (Inashvili, 1965a).
- PHAEORRHIZA nimbosa** (Fr.) H. Mayrhofer & Poelt – S; TBI:1; 3 (Vainio, 1899).
- PHLYCTIS agelaea** (Ach.) Flot. – B; TBI:3,9,19, TU:10; 4 (Chelidze, 1981).



- PHYSCIA adscendens** H. Olivier – B; TBI:1,3–6,8–13,16,17,19, TU:10;  
14 (Pakhunova, 1952), 9 (Inashvili, 1965a), 16 (Inashvili, 1971), 13 (Inašvili, 2000), 17 (Chelidze, 1971), 4 (Chelidze, 1981).
- Physcia aipolia** (Humb.) Fűrnr. – B; TBI:1–5,7–14,16–19, TGM:19, LE:8,10,19,  
KW:1; 2 (Jatta, 1900), 1 (Voronov, 1915), 19 (Pakhunova, 1933), 14 (Pakhunova, 1952), 3 (Pakhunova, 1956), 8 (Vězda, 1961), 9,10 (Inashvili, 1965a),  
16 (Inashvili, 1971), 13 (Inašvili, 2000), 17 (Chelidze, 1971), 4 (Chelidze, 1981),  
12 (Chikovani et al., 2005).
- Physcia albinea** (Ach.) Nyl. – R; TBI:19, LE:19.
- Physcia biziana** (Massal.) Zahlbr. var. **biziana** – B; TBI:13; 13,14 (Chelidze, 1971),  
9 (Bac'ac'ašvili & Čeliže, 2004).
- Physcia caesia** (Hoffm.) Fűrnr. var. **caesia** – R; TBI:1–3,5,8–11,16,18,19, LE:9,10,  
TU:10; 11 (Inashvili, 1965a), 16 (Inashvili, 1971), 2 (Inašvili, 1977), 9 (Chelidze, 1971), 3 (Čeliže & Inašvili, 1979), 17 (Inašvili & Kupraže, 2008),  
12 (Murvanishvili et al., 2006).
- Physcia clementei** (Turner) Lynge – B; 1 (Pakhunova, 1926–1927).
- Physcia dubia** (Hoffm.) Lettau – B, R; TBI:2,3,6,8,10,11,19, LE:19, TU:10;  
10 (Inashvili, 1965a), 11,3 (Čeliže & Inašvili, 1979).
- Physcia endoaurantiaca** Barkhalov\* – B; 1 (Pisút, 1975).
- Physcia endochrysea** (Nyl.) Hampe\* – B; 1 (Voronov, 1915), 14 (Pakhunova, 1952).
- Physcia hispida** (Schreb) Frege\* – B; 3 (Vainio, 1899), 9 (Chelidze, 1971).
- Physcia leptalea** (Ach.) DC. – B; TBI:10,19, TU:10; 1 (Pakhunova, 1926–1927),  
10 (Inashvili, 1965a), 13 (Chelidze, 1971).
- Physcia oxneri** Inasch.\* – B; TBI:10, LE:10; 10 (Inashvili, 1966).
- Physcia phaea** (Tuck.) J. W. Thoms – R; TBI:2,3,8,10,11,18; 2 (Inashvili, 1972).
- Physcia stellaris** (L.) Nyl. – B; TBI:1–3,5,9,10,12,16, LE:2,9,10,19; 2 (Vainio, 1899),  
16 (Voronov, 1915), 19 (Pakhunova, 1933), 14 (Pakhunova, 1952), 3 (Pakhunova, 1956), 9,10 (Inashvili, 1965a), 13 (Inašvili, 2000), 9,14,17,18 (Chelidze, 1971).
- Physcia subalbinea** Nyl. – R; TBI:2,3,8,9,16; 10 (Inashvili, 1965a), 16 (Inashvili, 1971), 2 (Inašvili, 1977).
- Physcia tenella** (Scop.) DC. – B; TBI:1–3,5,6,8–11,13,16,17,19; 1 (Voronov, 1915),  
9–11 (Inashvili, 1965a), 16,19 (Inashvili, 1971), 2 (Inašvili, 1977), 13 (Chelidze, 1971).
- Physcia tribacia** (Ach.) Nyl. – R; TBI:2,3,6,9–11,19, LE:3; 3 (Vainio, 1899),  
10 (Inashvili, 1965a), 11,16 (Inashvili, 1971), 2 (Inašvili, 1977), 9 (Chelidze, 1971), 3 (Čeliže & Inašvili, 1979), 17 (Inašvili & Kupraže, 2008).
- Physcia adglutinata* (Flörke) Nyl. → *Hyperphyscia adglutinata*  
*Physcia caesiella* (B. de Lesd.) Suza → *Physcia subalbinea*  
*Physcia ciliata* (Hoffm.) Du Rietz → *Phaeophyscia ciliata*  
*Physcia constipata* Norrl. & Nyl. → *Phaeophyscia constipata*  
*Physcia elaeina* (Sm.) A. L. Sm. → *Hyperphyscia adglutinata*  
*Physcia endococcina* (Körb.) Th. Fr. → *Phaeophyscia endococcina*  
*Physcia endophoenicea* (Harm.) Sántha → *Phaeophyscia endophoenicea*  
*Physcia grisea* (Lam.) Zahlbr. → *Physconia grisea* subsp. *grisea*  
*Physcia hirsuta* Mereschk. → *Phaeophyscia hirsuta*  
*Physcia intermedia* Vain. → *Physcia dubia*  
*Physcia lithotodes* Nyl. → *Phaeophyscia endococcina*  
*Physcia muscigena* (Ach.) Nyl. → *Physconia muscigena* var. *muscigena*  
*Physcia nigricans* (Flörke) Stizenb. → *Phaeophyscia nigricans*  
*Physcia obscura* (Ehrh.) Hampe ex Fűrnr. → *Phaeophyscia orbicularis*

- Physcia orbicularis* (Neck.) Poetsch → *Phaeophyscia orbicularis*  
*Physcia pulverulenta* (Schreb.) Hampe ex Fűrnr. → *Physconia distorta*  
*Physcia sciastra* (Ach.) Du Rietz → *Phaeophyscia sciastra*  
*Physcia setosa* (Ach.) Nyl. → *Phaeophyscia hispidula*  
*Physcia venusta* (Ach.) Nyl. → *Physconia venusta*  
*Physcia virella* (Ach.) Flagey → *Phaeophyscia orbicularis*
- PHYSCONIA detersa** (Nyl.) Poelt – RM; TBI:2,19; 19 (Inashvili & Batsatsashvili, 2010).
- Physconia distorta** (With.) J. R. Laundon – B; TBI:1–3,5–11,13,14,16,18,19, LE:19, TGM:9,16,19; 2 (Vainio, 1899), 1,16 (Voronov, 1915), 19 (Tomin, 1934), 14 (Pakhunova, 1952), 3 (Pakhunova, 1956), 8 (Vězda, 1961), 9,10 (Inashvili, 1965a), 13 (Inašvili, 2000), 17,18 (Chelidze, 1971), 12 (Chikovani et al., 2005), 16 (Inashvili & Kupradze, 2006).
- Physconia farrea** (Ach.) Poelt – R; TBI:16; 7 (Voronov, 1915), 16 (Inashvili, 1971).
- Physconia grisea** (Lam.) Poelt subsp. **grisea** – B, R; TBI:2–4,7–9,11,13,17,19, TU:10; 19 (Blum, 1965), 9,13 (Chelidze, 1971), 2,3 (Inašvili, 1977), 3 (Čeliže & Inašvili, 1979), 17 (Inašvili & Kupraže, 2008).
- Physconia muscigena** (Ach.) Poelt var. **muscigena** – RM, S; TBI:1–3,8–11,16–18, LE:11, TU:10; 10 (Inashvili, 1965a), 11, 16 (Inashvili, 1971), 2 (Inašvili, 1977), 12 (Murvanishvili et al., 2006).
- Physconia venusta** (Ach.) Poelt – B; TBI:1–3,5,9,10; 12 (Pakhunova, 1933), 14 (Pakhunova, 1952), 10,11 (Inashvili, 1965a), 16 (Inashvili, 1971), 2 (Inašvili, 1977), 13 (Chelidze, 1971).
- PILOPHORUS cereolus** (Ach.) Th. Fr. – R; TU:10.
- PLACIDIUM rufescens** (Ach.) A. Massal. – R, S; TBI:8–13; 9 (Voronov, 1915), 3 (Čeliže & Inašvili, 1979), 13 (Inašvili, 2000), 14 (Chelidze, 1971).
- PLACOLECANORA alphoplaca* (Wahlenb.) Räsänen → *Lobothallia alphoplaca*  
*Placolecanora crassa* (Huds.) B. de Lesd. → *Squamarina cartilaginea* var. *cartilaginea*  
*Placolecanora demissa* (Flot. ex Körb.) Kopach. → *Olegblumia demissa*  
*Placolecanora peltata* (Ramond) Räsänen → *Protoparmeliopsis peltata*  
*Placolecanora radiosa* (Hoffm.) Räsänen → *Lobothallia radiosa*  
**PLACOCARPUS schaeereri** (Fr.) Breuss – R; LE:10; 19 (Chelidze, 1971).  
**PLACOPYRENIUM trachyticum** (Hazsl.) Breuss – R; TBI:7; 7 (Voronov, 1915).
- PLACYNTHIUM nigrum** (Huds.) Gray – R; TBI:1,5, TGM:1, LE:19, TU:10; 19 (Elenkin, 1901b), 1 (Voronov, 1915), 16 (Inashvili, 1971), 13 (Inašvili, 2000), 9,17 (Chelidze, 1971).
- Placynthium tremniacum** (A. Massal.) Jatta – R; 9 (Chelidze, 1971).
- PLATISMATIA glauca** (L.) W. L. Culb. & C. F. Culb. – B; TBI:1–7,9,10,16,19, TGM:19, LE:19; 2 (Vainio, 1899), 7 (Voronov, 1915), 3 (Pakhunova, 1956), 8 (Pakhunova, 1959), 16 (Inashvili, 1971).
- PLECTOCARPON lichenum** (Sommerf.) D. Hawksw. – LF; 2 (Jatta, 1900).
- PLEOPSIDIUM chlorophanum** (Wahlenb.) Zopf – R; LE:10,11; 10 (Elenkin, 1901b), 11 (Magnusson, 1929).
- Pleopsidium flavum** (Trevis.) Körb. – R; TBI:9,17; 9 (Chelidze, 1971).
- PLEUROSTICTA acetabulum** (Neck.) Elix & Lumbsch – B; TBI:3,8–10,14,16,17,18; 19 (Elenkin, 1901b), 9,17 (Pakhunova, 1946), 14 (Pakhunova, 1952), 16 (Inashvili, 1971), 13 (Inašvili, 2000), 17 (Inašvili & Kupraže, 2008).
- Pleurosticta koflerae** (Clauzade & Poelt) Elix & Lumbsch – RM; 10 (Vězda, 1978d).
- POLYBLASTIA albida** Arnold – R; 9 (Bac'ac'ašvili & Čeliže, 2004).

- POLYCAULIONA candelaria** (L.) Frödén, Arup & Søchting – B; TBI:2,11;  
19 (Tomin, 1934), 9–11 (Inashvili, 1965a), 16 (Inashvili, 1971), 13 (Inašvili, 2000), 17 (Inašvili & Kupraže, 2008).
- Polycauliona polycarpa** (Hoffm.) Frödén, Arup & Søchting – R; TBI:10,11;  
17 (Inašvili & Kupraže, 2008), 1 (Gagarina, 2015).
- POLYCHIDIUM muscicola** (Sw.) Gray – M; TBI:2.
- POLYOZOSIA crenulata** (Ach.) S. Y. Kondr., L. Lőkös & Farkas – R; TBI:3,9,14;  
9 (Chelidze, 1971), 3 (Čeliže & Inašvili, 1979), 17 (Inašvili & Kupraže, 2008).
- Polyozosia dispersa** (Pers.) S. Y. Kondr., L. Lőkös & Farkas – R; TBI:13,16,17, LE:9;  
3 (Vainio, 1899), 19 (Pakhunova, 1933), 16 (Inashvili, 1971), 13,14,17 (Chelidze, 1971), 9 (Bac'ac'ašvili & Čeliže, 2004).
- Polyozosia hagenii** (Ach.) S. Y. Kondr., L. Lőkös & Farkas – B; TBI:6,16; 9,14,17  
(Chelidze, 1971).
- Polyozosia populicola** (DC.) S. Y. Kondr., L. Lőkös & Farkas – B; TBI:10, LE:10,19;  
19 (Pakhunova, 1933).
- Polyozosia sambuci** (Pers.) S. Y. Kondr., L. Lőkös & Farkas – B; TBI:9,17;  
9 (Chelidze, 1971).
- PORINA aenea** (Wallr.) Zahlbr. – B; TBI:1,4,5,17, TGM:1; 19 (Elenkin, 1901b), 1,7  
(Voronov, 1915), 4 (Chelidze, 1981), 17 (Inašvili & Kupraže, 2008).
- Porina chlorotica** (Ach.) Mull. Arg. – B; TBI:4.  
*Porina carpinea* (Pers. ex Ach.) Zahlbr. → *Porina aenea*  
*Porina faginea* (Schaer.) Arnold → *Strigula stigmatella*
- PORPIDIA cinereoatra** (Ach.) Hertel & Knoph – R; TBI:16,19; 1,19 (Pakhunova, 1933), 16 (Chelidze, 1971), 12 (Murvanishvili et al., 2006).
- Porpidia crustulata** (Ach.) Hertel & Knoph – R; TBI:3,9,19; TGM:7; 7 (Voronov, 1915), 19 (Pakhunova, 1933), 3 (Pakhunova, 1956), 9,13,14,17 (Chelidze, 1971).
- Porpidia macrocarpa** (DC.) Hertel & A. J. Schwab – B, R; TBI:19; 1 (Voronov, 1915), 7 (Steiner, 1919).
- Porpidia musiva** (Körb.) Hertel & Knoph – R; TBI:19.
- Porpidia speirea** (Ach.) Kremp. – R; 2 (Vainio, 1899).
- PORPIDINIA tumidula** (Sm.) Timdal – R; 13 (Chelidze, 1971).
- PROTOBLASTENIA calva** (Dicks.) Zahlbr. – R; TBI:5,16,19; 1 (Pakhunova, 1933).
- Protoblastenia incrustans** (DC.) J. Steiner – R; 10 (Elenkin, 1901b).
- Protoblastenia rupestris** (Scop.) J. Steiner – R; 19 (Elenkin, 1901b), 9 (Chelidze, 1971).
- PROTOPANNARIA pezizoides** (Weber) P. M. Jørg. & S. Ekman – S, M;  
TBI:1–3,6,8–10,16; 2 (Vainio, 1899), 3 (Pakhunova, 1956), 12 (Murvanishvili et al., 2006).
- PROTOPARMELIA badia** (Hoffm.) Hafellner – R; TBI:9,19, LE:19, KW:19;  
3 (Vainio, 1899), 9 (Voronov, 1915), 9 (Steiner, 1919), 19 (Pakhunova, 1933).
- PROTOPARMELIOPSIS garovaglii** (Körb.) Arup, Zhao Xin & Lumbsch – R;  
TBI:2,10,11,16,17,19; 16 (Voronov, 1915), 19 (Blum, 1965), 11 (Inashvili, 1965a), 9,17 (Chelidze, 1971).
- Protoparmeliopsis muralis** (Schreb.) M. Choisy – R; TBI:1,3,4,6,7,9,14,16–19,  
TGM:9, LE:9,16,19; 2 (Vainio, 1899), 10 (Elenkin, 1901b), 7,9 (Voronov, 1915), 19 (Tomin, 1934), 1,3,9,16 (Pakhunova, 1933), 11 (Inashvili, 1965a), 13 (Inašvili, 2000), 14,17 (Chelidze, 1971).
- Protoparmeliopsis peltata** (Ramond) Arup, Zhao Xin & Lumbsch – R; TBI:18.
- Protoparmeliopsis versicolor** (Pers.) M. Choisy – R; TBI:9, TGM:9; 9 (Voronov, 1915), 2 (Szatala, 1944).

- PSEUDEPHEBE pubescens** (L.) M. Choisy – R, S; TBI:2,10; 2 (Vainio, 1899), 10 (Elenkin, 1901b).
- PSEUDEVERNIA furfuracea** (L.) Zopf var. *furfuracea* – B; TBI:1–3,6,7,8–12,14,16,18,19, TGM:19, LE:3,8,11,19, TU:10; 2 (Vainio, 1899), 19 (Tomin, 1934), 14 (Pakhunova, 1952), 3 (Pakhunova, 1956), 10 (Inashvili, 1965a), 11,16 (Inashvili, 1971), 12 (Chikovani et al., 2005).
- PSEUDOSAGEDIA aenea* (Ach.) Hafellner & Kalb → *Porina aenea*  
*Pseudosagedia cerasi* (Schrad.) Oxner → *Arthopyrenia cerasi*
- PSEUDOSCHISMATOMMA rufescens** (Pers.) Ertz & Tehler – B; TBI:1,16,19, TGM:1, LE:12,19; 19 (Elenkin, 1901b), 1 (Voronov, 1915), 12 (Murvanishvili et al., 2006).
- PSORA decipiens** (Hedw.) Hoffm. – S; TBI:1–4,8,9,11,13; 13 (Chelidze, 1971), 2 (Inašvili, 1977), 13 (Inašvili, 2000).
- Psora hypnorum* (Vahl) Hoffm. → *Psoroma hypnorum*  
*Psora lurida* (Ach.) DC. → *Romjularia lurida*
- PSOROMA hypnorum** (Vahl.) Gray – S, M; TBI:2,8; LE:10.
- PSOROTICHIA moravica**\* Zahlbr. – R; TBI:1,3; 3 (Inashvili, 1970), 9 (Bac'ac'ašvili & Čelīze, 2004).
- PUNCTELIA borneri** (Sm.) Krog. – B; TBI:4,5,6,9,13,14, LE:10; 19 (Tomin, 1934), 7,12 (Pakhunova, 1946), 14 (Pakhunova, 1952), 16 (Inashvili, 1971), 13 (Inašvili, 2000), 4 (Chelidze, 1981).
- Punctelia subrudecta** (Nyl.) Krog. – B; TBI:4–7,9–13,17,19; 11 (Inashvili, 1965a), 13 (Inašvili, 2000), 17 (Chelidze, 1971), 16 (Inashvili & Kupradze, 2006), 1 (Gagarina, 2015).
- PYRENODESMIA agardhiana** (Flot.) A. Massal.\* – R; TBI:9,13; 13,14 (Chelidze, 1971).
- Pyrenodesmia chalybaea* (Fr.) A. Massal. – R; TBI:3,9; 3 (Čelīze & Inašvili, 1979), 13,14 (Chelidze, 1971), 9 (Bac'ac'ašvili & Čelīze, 2004).
- Pyrenodesmia variabilis* (Pers.) A. Massal. – R; TBI:9; 10 (Elenkin, 1901b), 9,14 (Chelidze, 1971), 3 (Čelīze & Inašvili, 1979).
- PYRENOTRICHUM splitgerberi** Mont.\* – L; 1 (Vězda, 1978a).
- PYRENULA laevigata** (Pers.) Arnold – B; TBI:16,19; 16,19 (Inashvili, 1971).
- Pyrenula nitida* (Weigel) Ach. – B; TBI:1–4,7,9,12, TGM:6; 2 (Vainio, 1899), 1 (Jatta, 1900), 19 (Elenkin, 1901b), 7 (Voronov, 1915), 14 (Pakhunova, 1952), 10 (Inashvili, 1965a), 16 (Inashvili, 1971), 4 (Chelidze, 1981), 12 (Chikovani et al., 2005).
- Pyrenula leucoplaca* (Wallr.) Körb. → *Eopyrenula leucoplaca*
- RAMALINA baltica** Lettau – B; TBI:1–3,5,6,9,16,18; 19 (Tomin, 1934), 9,10 (Inashvili, 1965a), 16 (Inashvili, 1971), 2 (Inašvili, 1977), 13 (Inašvili, 2000).
- Ramalina calicaris** (L) Fr. – B; TBI:1–3,9,10,16,19; 2 (Vainio, 1899), 19 (Szatala, 1944), 14 (Pakhunova, 1952), 10 (Inashvili, 1965a), 11,16 (Inashvili, 1971).
- Ramalina capitata** (Ach.) Nyl. – R; TBI:2,3,5,9,10,16,18,19; 3 (Vainio, 1899), 7,9 (Voronov, 1915), 10,11 (Inashvili, 1965a), 16 (Inashvili, 1971), 2 (Inašvili, 1977), 12 (Murvanishvili et al., 2006).
- Ramalina dilacerata** (Hoffm.) Hoffm. – B; LE:19.
- Ramalina elegans** (Bagl. & Carestia) Stzbgr. – B; TBI:1,3,8,12,14,19; LE:19; 1,19 (Pakhunova, 1933).
- Ramalina farinacea** (L.) Ach. – B; TBI:1–3,5–10,12,14,16–19, TGM:19, LE:1,7; 1,9,16 (Voronov, 1915), 14 (Pakhunova, 1952), 3 (Pakhunova, 1956), 19 (Tomin, 1934), 2 (Inašvili, 1977), 13 (Inašvili, 2000), 4 (Chelidze, 1981), 12 (Chikovani et al., 2005), 16 (Inashvili & Kupradze, 2006).

- Ramalina fastigiata*** (Pers.) Ach. – B; TBI:1–3,9–12,14,16,18,19, TGM:19, LE:19; 16 (Voronov, 1915), 19 (Pakhunova, 1933), 14 (Pakhunova, 1952), 3 (Pakhunova, 1956), 10 (Inashvili, 1965a), 2 (Inašvili, 1977), 9 (Bac'ac'ašvili & Čelīze, 2004), 12 (Murvanishvili et al., 2006).
- Ramalina fraxinea*** (L.) Ach. – B; TBI:1,3,5,7–12,14,16,19; 19 (Elenkin, 1901b), 8 (Pakhunova, 1933), 14 (Pakhunova, 1952), 3 (Pakhunova, 1956), 9,11 (Inashvili, 1965a), 16 (Inashvili, 1971), 12 (Chikovani et al., 2005), 12 (Murvanishvili et al., 2006).
- Ramalina geniculata*** Hook. f. & Taylor\* – B; TBI:19.
- Ramalina inflata*** (Hook. f. & Taylor) Hook. f. & Taylor\* – B; 19 (Tomin, 1934).
- Ramalina nuda*** J. Steiner\* – B; TBI:19.
- Ramalina obtusata*** (Arnold) Bitter – B; TBI:1–3,5,6,8,9,16,19; 9 (Inashvili & Batsatsashvili), 16 (Inashvili & Kupradze, 2006).
- Ramalina pollinaria*** (Westr.) Ach. – B; R (rarely); TBI:1–3,5,8–13,16,18,19; 19 (Tomin, 1934), 14 (Pakhunova, 1952), 3 (Pakhunova, 1956), 9,10 (Inashvili, 1965a), 16 (Inashvili, 1971), 2 (Inašvili, 1977), 13 (Chelidze, 1971), 12 (Murvanishvili et al., 2006).
- Ramalina polymorpha*** (Lilj.) Ach. – R; TBI:2,3,9,11,16,18,19; 7 (Voronov, 1915), 19 (Pakhunova, 1933), 10 (Inashvili, 1965a), 11,16 (Inashvili, 1971), 9,17 (Chelidze, 1971).
- Ramalina roesleri*** (Schaer.) Nyl. – B; TU:10, 19 (Tomin, 1934).
- Ramalina sinensis*** Jatta – B; TBI:2,3,5,8–12,14,16,17,19; 14 (Pakhunova, 1952), 3 (Pakhunova, 1956), 10,11 (Inashvili, 1965a), 16 (Inashvili, 1971), 2 (Inašvili, 1977), 12 (Chikovani et al., 2005).
- Ramalina subfarinacea*** (Cromb.) Nyl. – B; TBI:9; 19 (Tomin, 1934).
- Ramalina thrausta*** (Ach.) Nyl. – B; TBI:1–3,5,6,11,16,18,19; 2 (Vainio, 1899), 19 (Tomin, 1934), 3 (Pakhunova, 1956).
- Ramalina angustissima* (Anzi) Vain. → *Ramalina subfarinacea*
- Ramalina pollinariella* (Nyl.) Nyl. → *Ramalina roesleri*
- Ramalina strepsilis* (Ach.) Zahlbr. → *Ramalina capitata*
- RHIZOCARPON *badioatrum*** (Spreng.) Th. Fr. – R; 3 (Vainio, 1899).
- Rhizocarpon concentricum*** (Davies) Beltr. – R; TBI:3,7,11,12,14,19; 7 (Voronov, 1915), 16,19 (Pakhunova, 1933), 3 (Pakhunova, 1956), 11 (Inashvili, 1965a), 9 (Chelidze, 1971), 12 (Murvanishvili et al., 2006).
- Rhizocarpon disporum*** (Hepp) Müll. Arg. – R; 3 (Vainio, 1899), 1,19 (Pakhunova, 1933), 3 (Pakhunova, 1956), 9 (Chelidze, 1971).
- Rhizocarpon distinctum*** Th. Fr. – R; 19 (Elenkin, 1901b), 9 (Chelidze, 1971).
- Rhizocarpon eupetraeum*** (Nyl.) Arnold – R; TBI:19; 10 (Elenkin, 1901b), 19 (Szatala, 1944).
- Rhizocarpon geminatum*** Körb. – R; TBI:1,16,19; 17 (Inashvili, 1971), 9,19 (Chelidze, 1971).
- Rhizocarpon geographicum*** (L.) DC. – R; TBI:2,3,7,8,16,18,19, TGM:7, LE:19, TU:10; 3 (Vainio, 1899), 10,19 (Elenkin, 1901a, b), 7 (Voronov, 1915), 1 (Pakhunova, 1933), 3 (Pakhunova, 1956), 11 (Inashvili, 1965a), 16 (Inashvili, 1971), 2 (Inašvili, 1977), 14,18 (Chelidze, 1971), 9 (Bac'ac'ašvili & Čelīze, 2004), 12 (Murvanishvili et al., 2006).
- Rhizocarpon geographicum* subsp. *lindsayanum*** (Räsänen) Ahti – R; 9,14,18 (Chelidze, 1971).
- Rhizocarpon lavatum*** (Fr.) Hazsl. – R; 2 (Vainio, 1899), 1 (Pakhunova, 1933).
- Rhizocarpon lecanorinum*** Anders – R; TU:10.
- Rhizocarpon polycarpum*** (Hepp) Th. Fr. – R; TBI:1,19; 1,19 (Pakhunova, 1933).
- Rhizocarpon postumum*** (Nyl.) Arnold – R; TBI:19.



***Rhizocarpon umbilicatum*** (Ramond) Flagey – R; TBI:3,9.

***Rhizocarpon viridiatrum*** (Wulfen.) Körb. – R; 7 (Voronov, 1915).

*Rhizocarpon ambiguum* (Schaer.) Zahlbr. → *Rhizocarpon distinctum*

*Rhizocarpon calcareum* (Weiss) Anzi → *Rhizocarpon umbilicatum*

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

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

*Rhizocarpon grande* (Flörke ex Flot.) Arnold → *Rhizocarpon eupetraeum*

*Rhizocarpon lindsayanum* Räsänen → *Rhizocarpon geographicum* subsp. *lindsayanum*

*Rhizocarpon montagnei* Körb. → *Rhizocarpon disporum*

*Rhizocarpon obscuratum* (Ach.) A. Massal. → *Fuscidea lygaea*

**RHIZOPLACA *melanophthalma*** (DC.) Leuckert & Poelt – R; TBI:3,10,18,19, LE:19; 2 (Vainio, 1899), 10 (Elenkin, 1901a), 19 (Pakhunova, 1933), 16 (Inashvili, 1971), 12 (Murvanishvili et al., 2006).

*Rhizoplaca chrysoleuca* (Sm.) Zopf → *Omphalodina chrysoleuca*

**RICASOLIA *amplissima*** (Scop.) De Not. – B; TBI:1–6,12,19, LE:19; 2 (Jatta, 1900), 19 (Pakhunova, 1933), 3 (Pakhunova, 1956), 16 (Inashvili, 1971), 12 (Chikovani et al., 2005).

***Ricasolia virens*** (With.) H. H. Blom. & Tønsberg – B; TBI:1.

**RIMULARIA *badioatra*** (Kremp.) Hertel & Rambold – R; TBI:19; 19 (Chelidze, 1971).

**RINODINA *archaea*** (Ach.) Arnold – B; M; TBI:1,2; 1,7 (Voronov, 1915), 19 (Tomlin, 1934), 2 (Szatala, 1944).

***Rinodina bischoffii*** (Hepp.) A. Massal. – R; TBI:3,9, KW:9; 13,14,17 (Chelidze, 1971), 9 (Bac'ac'ašvili & Čeliže, 2004).

***Rinodina confragosa*** (Ach.) Körb. – R; TBI:16; 3 (Vainio, 1899), 7 (Voronov, 1915), 16 (Pakhunova, 1933), 13 (Inašvili, 2000), 19 (Chelidze, 1971).

***Rinodina conradi*** Körb. – B; 14 (Chelidze, 1971), 9 (Bac'ac'ašvili & Čeliže, 2004).

***Rinodina exigua*** (Ach.) Grey – B; TBI:1,3; 2 (Szatala, 1944).

***Rinodina gennarii*** Bagl. – R; 9 (Chelidze, 1971).

***Rinodina metabolica*** (Ach.) Anzi\* – B; 2 (Jatta, 1900).

***Rinodina milvina*** (Wahlenb.) Th. Fr. – B; TBI:19, KW:19; 2 (Vainio, 1899), 19 (Szatala, 1944), 3 (Pakhunova, 1956), 9 (Chelidze, 1971).

***Rinodina mniaroea*** (Ach.) Körb. – M; 3 (Vainio, 1899).

***Rinodina oxydata*** (A. Massal.) A. Massal. – R; 7 (Voronov, 1915).

***Rinodina pinicola*** (Ach.) Zahlbr.\* – R, B; 2 (Jatta, 1900), 3 (Magnusson, 1947).

***Rinodina polyspora*** Th. Fr. – B; 17 (Chelidze, 1971).

***Rinodina pyrina*** (Ach.) Arnold – B; 1 (Voronov, 1915), 9,13,14,17,18 (Chelidze, 1971), 4 (Chelidze, 1981), 16 (Inashvili & Kupradze, 2006).

***Rinodina septentrionalis*** Malme – B; TBI:2,5; 2 (Inashvili, 1970).

***Rinodina sophodes*** (Ach.) A. Massal. – B; TBI:9,19, KW:19; 3 (Vainio, 1899), 16 (Voronov, 1915), 19 (Pakhunova, 1933).

***Rinodina tephraepis*** (Tuck.) Herre – R; 9 (Chelidze, 1971).

***Rinodina trachytica*** (A. Massal.) Bagl. & Carestia – R; 7 (Voronov, 1915).

***Rinodina turfacea*** (Wahlenb.) Körb. – S, R; TBI:3,8; 3 (Inashvili, 1970).

*Rinodina arenaria* (Hepp) Th. Fr. → *Rinodina tephraepis*

*Rinodina demissa* (Flörke) Arnold → *Rinodina gennarii*

*Rinodina discolor* (Hepp) Arnold → *Rinodina oxydata*

- Rinodina dispersella* (Vain.) Vain. → *Rinodina septentrionalis*  
*Rinodina laevigata* (Ach.) Malme → *Rinodina archaea*  
*Rinodina metabolica* (Ach.) Anzi → *Orcularia insperata*  
*Rinodina mniaraea* (Ach.) Körb. → *Rinodina mniaroea*  
*Rinodina ocellulata* Bagl. & Carestia → *Buellia aethalea*  
*Rinodina orbata* (Ach.) Vain. → *Rinodina turfacea*  
*Rinodina oreina* (Ach.) A. Massal. → *Dimelaena oreina*  
*Rinodina phaeocarpa* (Sommerf.) Vain. → *Phaeorrhiza nimbosea*
- ROMJULARIA lurida** (Ach.) Timdal – S; TBI:1,4,9,11; 10,11 (Inashvili, 1965a), 9 (Chelidze, 1971).
- RUFOPHACA arenaria** (Pers.) Arup, Søchting & Frödén – R; TBI:7; 7 (Voronov, 1915).
- RUSAVSKIA ectaniza** (Boistel) S. Y. Kondr. & Kärnefelt – R; 19 (Chelidze, 1971).
- Rusavskia elegans** (Link) S. Y. Kondr. & Kärnefelt subsp. *elegans* – R; TBI:1–3,5,8–11,14,18,19, LE:3,9–11,19, TU:10; 3 (Vainio, 1899), 10 (Elenkin, 1901a), 7 (Voronov, 1915), 14 (Pakhunova, 1952), 10 (Inashvili, 1965a), 11,16 (Inashvili, 1971), 2 (Inašvili, 1977), 9,19 (Chelidze, 1971), 12 (Murvanishvili et al., 2006), 17 (Inašvili & Kupražė, 2008).
- Rusavskia soredata** (Vain.) S. Y. Kondr. & Kärnefelt – R; 7 (Voronov, 1915), 9 (Chelidze, 1971).
- SARCOGYNE lapponica** (Schaer.) K. Knudsen & Kocourk – R; TBI:3; 3 (Vainio, 1899).
- Sarcogyne regularis** Körb. var. *regularis* – R; TBI:1,8,9, LE:19; 19 (Elenkin, 1901b), 1 (Pakhunova, 1933), 14,17 (Chelidze, 1971), 9 (Bac'ac'ašvili & Čeliže, 2004).
- SARCOSAGIUM campestre** (Fr.) Poetsch & Schied. – B; TBI:16, TGM:19; 19 (Anchabadze, 1959).
- SAREA resinae** (Fr.) Kuntze – NLF; B; TGM:2,6,12,14,16; 12,14 (Anchabadze, 1956), 2,6,16 (Anchabadze, 1959).
- SCHISMATOMMA abietinum* → *Lecanactis abietina*
- SCOLICIOSPORUM umbrinum** (Ach.) Arnold – R; TBI:9; 19 (Szatala, 1944), 9 (Chelidze, 1971).
- SCUTULA circumspecta** (Vain.) Kistenich, Timdal, Bendiksbjerg & S.Ekman – B; TBI:19.
- SCYTINIUM callopismum** (A. Massal.) Otálora, M. Jørg. & Wedin – R; TBI:1; 1 (Inashvili, 1964).
- Scytinium gelatinosum** (With.) Otálora, P. M. Jørg. & Wedin – S; TBI:1–3,8,10,19; 1,9 (Inashvili, 1965a), 16 (Inashvili, 1971), 12 (Murvanishvili et al., 2006).
- Scytinium lichenoides** (L.) Otálora, P. M. Jørg. & Wedin – B; TBI:1–5,7–11,13,14,16,19; 10 (Elenkin, 1901b), 1 (Voronov, 1915), 16 (Inashvili, 1971), 2 (Inašvili, 1977), 13 (Inašvili, 2000), 9 (Chelidze, 1971), 17 (Inašvili & Kupražė, 2008), 12 (Murvanishvili et al., 2006).
- Scytinium plicatile** (Ach.) Otálora, P. M. Jørg. & Wedin – R; TBI:1, TGM:1; 1 (Voronov, 1915).
- Scytinium subtile** (Schrad.) Otálora, P. M. Jørg. & Wedin – B,S; TBI:1,2,3,5,8,9,16,19; 1,9,10 (Inashvili, 1965a), 3,16 (Inashvili, 1970).
- Scytinium tenuissimum** (Dicks.) Otálora, M. Jørg. & Wedin – S; TBI:3,10,11,16; 2 (Vainio, 1899), 10,11 (Inashvili, 1963b), 9 (Inashvili, 1965b), 16 (Inashvili, 1971).
- SEAWARDIELLA lobulata** (Flörke) S. Y. Kondr., I. Kärnefelt & A. Thell – B; TBI:14,18, TU:10; 13 (Chelidze, 1971), 9 (Bac'ac'ašvili & Čeliže, 2004).

- SOLORINA bispora** Nyl. subsp. *bispora* – S; TBI:1–3,8,10,11,19; 3 (Vainio, 1899), 2 (Inašvili, 1977), 12 (Murvanishvili et al., 2006).
- Solorina crocea** (L.) Ach. – S; TBI:3,10, TU:10; 2 (Szatala, 1944), 12 (Murvanishvili et al., 2006).
- Solorina octospora** (Arnold) Arnold – S; TBI:19; 3 (Vainio, 1899), 19 (Inashvili, 1971).
- Solorina saccata** (L.) Ach. – S; TBI:1–3,8,10,16,19, LE:9,11, KW:19; 14 (Pakhunova, 1952), 10,11 (Inashvili, 1965a), 2 (Inašvili, 1977), 16 (Inashvili & Kupradze, 2006), 12 (Murvanishvili et al., 2006).
- Solorina spongiosa** (Ach.) Anzi – S; TBI:2,10; TU:10.
- SPHINCTRINA tubiformis** A. Massal. – NLF; B; TBI:10,16; 19 (Szatala, 1944), 10 (Inashvili, 1965a).  
*Sphinctrina microcephala* (Sm.) Nyl. → *Sphinctrina tubiformis*
- SPORASTATIA polyspora** (Nyl.) Grunmann – R; TBI:19.
- Sporastatia testudinea** (Ach.) A. Massal. – R; 2 (Vainio, 1899).  
*Sporastatia cinerea* (Schaer.) Körb. → *Sporastatia polyspora*
- SQUAMARIA crassa** (Huds.) DC. → *Squamarina cartilaginea*
- SQUAMARINA cartilaginea** (With.) P. James – S; TBI:9,13,17,19, TGM:7; 7,9 (Voronov, 1915), 2 (Szatala, 1944), 13 (Chelidze, 1971).
- Squamarina gypsacea** (Sm.) Poelt – S; TBI:1; 1 (Inashvili & Batsatsashvili, 2010).
- Squamarina lentigera** (Weber) Poelt – S; TGM:9; 9 (Voronov, 1915), 13 (Inašvili, 2000).
- SQUAMULEA subsoluta** (Nyl.) Arup, Søchting & Frödén – R; 7 (Voronov, 1915).
- STAUROTHELE caesia** (Arnold) Arnold – R; 9 (Chelidze, 1971).
- Staurothele clopima** (Wahlenb.) Th. Fr. – R; TBI:19; 9 (Chelidze, 1971).
- Staurothele fissa** (Taylor) Zwackh – R; TBI:19; 19 (Inashvili, 1971).
- Staurothele hymenogonia** (Nyl.) Th. Fr. – R; LE:10, 10 (Elenkin, 1901a), 9,13 (Chelidze, 1971).
- Staurothele rufa** (A. Massal.) Zschacke – R; TBI:9; 9 (Chelidze, 1971).  
*Staurothele lithina* Zahlbr. → *Staurothele fissa*  
*Staurothele ventosa* (A. Massal.) P. Syd. → *Staurothele hymenogonia*
- STEREOCAULON alpinum** Laurer – S; TBI:2,3,8,10–12,18, LE:10–12, TU:10; 2 (Vainio, 1899), 3 (Pakhunova, 1956), 11 (Inashvili, 1965a), 12 (Murvanishvili et al., 2006).
- Stereocaulon glareosum** (Savicz) H. Magn. – R; TU:10, 10 (Pisút, 1975).
- Stereocaulon paschale** (L.) Hoffm. – S; TBI:2,3,10; 11 (Inashvili, 1965a), 12 (Murvanishvili et al., 2006).
- Stereocaulon pileatum** Ach. – S; TBI:8; 7 (Inashvili, 1963b), 8 (Inashvili, 1978).
- Stereocaulon tomentosum** Fr. – S; TBI:2,3.  
*Stereocaulon nanum* (Ach.) Ach. → *Leprocaulon quisquiliare*  
*Stereocaulon quisquiliare* (Leers) Hoffm. → *Leprocaulon quisquiliare*
- STICTA fuliginosa** (Hoffm.) Ach. – B, M; TBI:2,3, TU:10; 3 (Pakhunova, 1956), 2 (Inašvili, 1977).
- Sticta limbata** (Sm.) Ach. – B; TBI:1,2,19; 2 (Inašvili, 1977).
- Sticta sylvatica** (Huds.) Ach. – B; TBI:1–3,5,7; 19 (Elenkin, 1901b).
- STRIGULA nitidula** Mont.\* – L; 1 (Vězda, 1978c).
- Strigula stigmatella** (Ach.) R. C. Harris – B; TBI:12.
- TELOSCHISTES flavicans** (Sw.) Norm. – R; TU:10.

- Teloschistes contortuplicatus* (Ach.) Clauzade & Rondon → *Xanthapychia contortuplicata*
- Teloschistes chrysophthalmus* (L.) Th. Fr. → *Niorma chrysophthalma*
- TEPHROMELA atra** (Huds.) Hafellner – R; TBI:3,9,19; 10 (Elenkin, 1901a), 9 (Voronov, 1915), 19 (Pakhunova, 1933), 16 (Inashvili, 1971), 14,17 (Chelidze, 1971).
- THALLOIDIMA candidum** (Weber) A. Massal. – R; TBI:1,3,5,10,11, LE:9; 9 (Chelidze, 1971).
- THAMNOLIA vermicularis** (Sw.) Schaer. – S; TBI:2,3,8,10,11,16,18,19, LE:11, TU:8,10; 10 (Ruprecht, 1848), 7 (Voronov, 1915), 11 (Inashvili, 1965a), 16 (Inashvili, 1971), 2 (Inašvili, 1977), 12 (Murvanishvili et al., 2006).
- THELENELLA modesta** (Nyl.) Nyl. – B; TBI:17, LE:17; 1 (Voronov, 1915).
- THELIDIUM minutulum** Körb. – R; TBI:16.
- Thelidium papulare* (Fr.) Arnold – R; TBI:3.
- THELOTREMA lepadinum** (Ach.) Ach. – B; TBI:5, LE:1.
- THYREA confusa** Henssen – B; TBI:17; 17 (Inašvili & Kupraže, 2008).
- Thyrea pulvinata* (Schaer.) A. Massal. → *Lichinella iodopulchra*
- TONINIA squalida** (Ach.) A. Massal. – R; 3 (Vainio, 1899), 9 (Chelidze, 1971).
- Toninia tristis** (Th. Fr.) Th. Fr. subsp. *tristis* – R; 13 (Chelidze, 1971).
- Toninia coeruleonigricans* (Lightf.) Th. Fr. non auct. → *Fuscopannaria praetermissa*
- Toninia tabacina sensu* A. Massal. → *Toninia tristis* subsp. *tristis*
- Toninia tumidula* (Sm.) Zahlbr. → *Porpidinia tumidula*
- TONINIOPSIS separabilis** (Nyl.) Gerasimova & A. Beck – B; 2 (Vainio, 1899), 19 (Tomin, 1934).
- TORNABEA scutellifera** (With.) J. R. Laundon – B; TBI:9,13,19, LE:14; 9,13 (Inashvili, 1965a).
- TRAPELIA coarctata** (Sm.) M. Choisy – R; LE:19.
- TRAPELIOPSIS granulosa** (Hoffm.) Lumbsch – PD; TBI:7,8; 7 (Voronov, 1915).
- UMBILICARIA crustulosa** (Ach.) Lamy – R; 2 (Vainio, 1899).
- Umbilicaria cylindrica** (L.) Delise var. *cylindrica* – R; TBI:2,3,7–10,14,16–19, TGM:7, TU:10; 2 (Vainio, 1899), 10 (Elenkin, 1901b), 7 (Voronov, 1915), 1 (Pakhunova, 1933), 11 (Inashvili, 1965a), 16 (Inashvili, 1971), 12 (Murvanishvili et al., 2006).
- Umbilicaria decussata** (Vill.) Zahlbr. – R; TBI:3,10,18,19, LE:11, TU:10; 2 (Jatta, 1900), 10 (Elenkin, 1901b).
- Umbilicaria deusta** (L.) Baumg. – R; TBI:2,3,6,8,9,19, TU:10; 11 (Inashvili, 1965a), 16 (Inashvili, 1971), 12 (Murvanishvili et al., 2006).
- Umbilicaria hirsuta** (Westr.) Ach. – R; TBI:9,16; 19 (Inashvili, 1971), 9 (Chelidze, 1971).
- Umbilicaria hyperborea** (Ach.) Hoffm. – R; TBI:2.
- Umbilicaria polyphylla** (L.) Baumg. – R; TBI:2,3,18,19, LE:10,11, TU:10; 10 (Elenkin, 1901a), 7 (Voronov, 1915), 16 (Inashvili, 1971).
- Umbilicaria proboscidea** (L.) Schrad. – R; TBI:2,3,9,19; 10 (Elenkin, 1901b), 19 (Inashvili, 1971).
- Umbilicaria tornata** (Ach.) Vain.\* – R; 3 (Vainio, 1899).
- Umbilicaria vellea** (L.) Ach. – R; TBI:2,3,8,10,11; 2 (Vainio, 1899), 3 (Pakhunova, 1956), 11 (Inashvili, 1965a), 12 (Murvanishvili et al., 2006).
- Umbilicaria virginis** Schaer. – R; TBI:2,3,10,18,19; 12 (Murvanishvili et al., 2006).
- Umbilicaria depressa* (Ach.) Duby → *Umbilicaria crustulosa*

- Umbilicaria pustulata* (L.) Hoffm. → *Lasallia pustulata*  
*Umbilicaria reticulata* (Schaer.) Nyl. → *Umbilicaria decussata*  
***USNEA articulata*** (L.) Hoffm. – B; TBI:1,4,5,9,10,12,19.  
***Usnea barbata*** (L.) F. H. Wigg. – B; TBI:3,7,9,12,19; 2 (Vainio, 1899), 7 (Voronov, 1915), 19 (Tomin, 1934).  
***Usnea cavernosa*** Tuck. – B; TBI:3,9.  
***Usnea ceratina*** Ach. – B; TBI:3,16; 16 (Voronov, 1915), 19 (Pakhunova, 1933).  
***Usnea cornuta*** Körb.\* – B; 1 (Gagarina, 2015).  
***Usnea dasypoga*** (Ach.) Nyl. – B; TBI:3,5,7,19, TU:10; 1 (Al'bov, 1892), 19 (Tkeshelashvili, 1898), 2 (Jatta, 1900), 7,12 (Voronov, 1915), 14 (Pakhunova, 1952).  
***Usnea flammea*** Stirt. – B; 2 (Szatala, 1944).  
***Usnea florida*** (L.) F. H. Wigg. – B; TBI:1–3,5,8,9,11,16,19, TGM:19, TU:10; 16 (Bélanger, 1834), 7,19 (Tkeshelashvili, 1898), 1 (Pakhunova, 1933), 14 (Pakhunova, 1952), 11 (Tumadjanov, 1938), 10 (Inashvili, 1965a), 2 (Inašvili, 1977).  
***Usnea fulvoreagens*** (Räsänen) Räsänen – B; TBI:3.  
***Usnea glabrata*** (Ach.) Vainio – B; TBI:3,14,16; 19 (Tomin, 1934).  
***Usnea glabrescens*** (Vain.) Räsänen – B; TBI:3,10,11; 19 (Tomin, 1934), 10 (Inashvili, 1965a), 11, 4 (Chelidze, 1981), 12 (Murvanishvili et al., 2006).  
***Usnea glaucina*** Motyka ex Tomin\* – B; 19 (Tomin, 1934).  
***Usnea hirta*** (L.) F. H. Wigg. – B; R; TBI:3,5,10,11,16,19; 2 (Vainio, 1899), 16 (Voronov, 1915), 1 (Pakhunova, 1933).  
***Usnea intermedia*** (A. Massal.) Jatta – B; TBI:3,9,18.  
***Usnea longissima*** Ach. – B; TBI:2,3–7,19; 19 (Elenkin, 1901b), 7 (Voronov, 1915), 16 (Inashvili, 1971), 2 (Inašvili, 1977).  
***Usnea microcarpoides*** (Vain.) Vain.\* – B; 19 (Tomin, 1934).  
***Usnea pensylvanica*** Motyka\* – R; TBI:8.  
***Usnea perplexans*** Stirt. – B; TBI:3; 19 (Tomin, 1934).  
***Usnea samjatnini*** Tomin\* – B; 19 (Tomin, 1934).  
***Usnea subcomosa*** Vain.\* – B; 19 (Tomin, 1934).  
***Usnea subfloridana*** Stirt. – B; TBI:2,3,4,7,10; 16 (Voronov, 1915), 19 (Tomin, 1934), 10,11 (Inashvili, 1965a), 2 (Inašvili, 1977).  
*Usnea arnoldii* Motyka → *Usnea perplexans*  
*Usnea betulina* Motyka → *Usnea perplexans*  
*Usnea caucasica* Vain. → *Usnea barbata*  
*Usnea comosa* (Ach.) Röhl. → *Usnea subfloridana*  
*Usnea esthonica* Räsänen → *Usnea dasypoga*  
*Usnea lapponica* Vain. → *Usnea perplexans*  
*Usnea laricina* Vain. → *Usnea glabrescens*  
*Usnea leiopoga* Motyka → *Usnea intermedia*  
*Usnea montana* Motyka → *Usnea intermedia*  
*Usnea plicata* (L.) Weber ex F. H. Wigg. → *Usnea barbata*  
*Usnea prostrata* Vain. ex Räsänen → *Usnea barbata*  
*Usnea protea* Motyka → *Usnea intermedia*  
*Usnea scabrata* Nyl. → *Usnea barbata*  
*Usnea sorediifera* Motyka → *Usnea glabrata*  
*Usnea sublaxa* Vain. → *Usnea dasopoga*



- Usnea tominii* Räsänen → *Usnea florida*
- VAHLIELLA leucophaea** (Vahl) P. M. Jørg. – RM; TBI:1–3,5,7,9,11,19, TGM:7; 19 (Elenkin, 1901a), 7 (Voronov, 1915), 1 (Pakhunova, 1933), 3 (Pakhunova, 1956), 16 (Inashvili & Kupradze, 2006).
- VARICELLARIA lactea** (L.) I. Schmitt & Lumbsch – R; TBI:3,8,9,13,19, TGM:7, LE:19; 7 (Voronov, 1915), 9,17 (Chelidze, 1971).
- Varicellaria velata* (Turner) I. Schmitt & Lumbsch – B; LE:19.
- VERRUCARIA aberrans** Garov. – R; TBI:19; 19 (Inashvili, 1971).
- Verrucaria aethiobola* Wahlenb. – R; 19 (Elenkin, 1901a), 17 (Inashvili, 1971).
- Verrucaria glaucina* Ach.\* – R; 9 (Chelidze, 1971).
- Verrucaria hydrela* Ach.\* – R; TBI:19.
- Verrucaria latebrosa* Körb. – R; TBI:19; 19 (Inashvili, 1971).
- Verrucaria margacea* (Wahlenb.) Wahlenb. – R; 19 (Elenkin, 1901a).
- Verrucaria muralis* Ach. – R; TBI:2,3; 3 (Inashvili, 1970), 9 (Bac'ac'ašvili & Čelīze, 2004).
- Verrucaria nigrescens* Pers. f. *nigrescens* – R; TBI:1,8,9; 10 (Elenkin, 1901b), 16 (Inashvili, 1971), 9,13,17 (Chelidze, 1971), 4 (Chelidze, 1981).
- Verrucaria petrosa* (Ach.) Zahlbr.\* – R; 3 (Pakhunova, 1956).
- Verrucaria pontica* Oxner\* – R; 9 (Bac'ac'ašvili & Čelīze, 2004).
- Verrucaria rupestris* Schrad. – R; TBI:9; 9 (Inashvili, 1971).
- Verrucaria viridula* (Schrad.) Ach. – R; 4 (Chelidze, 1981).
- Verrucaria calciseda* DC. → *Bagliettoa calciseda*
- Verrucaria fuscoatra* Pers. → *Verrucaria nigrescens*
- Verrucaria lecideoides* (A. Massal.) Trevis. → *Verruculopsis lecideoides* *Verrucaria leightonii* A. Massal. → *Verrucaria viridula*
- VERRUCULOPSIS lecideoides** (A. Massal.) Gueidan & Cl. Roux – R; 9,13,14 (Chelidze, 1971).
- XALOCOA ocellata** (Fr.) Kraichak, Lücking & Lumbsch – R; TBI:13.
- XANTHPTYCHIA contortuplicata** (Ach.) S. Y. Kondr. & Ravera – R; LE:10.
- XANTHOCARPIA lacta** (A. Massal.) A. Massal. – R; TBI:9,14,18,19; 13 (Chelidze, 1971).
- Xanthocarpia tominii* (Savicz) Frödén, Arup & Søchting – M; 9 (Chelidze, 1971).
- XANTHOPARMELIA conspersa** (Ehrh. ex Ach.) Hale – R; TBI:2,3,7–11,16–19, TGM:9,19, LE:9,10,19; 9 (Acharius, 1810), 10 (Elenkin, 1901a), 7 (Voronov, 1915), 3 (Pakhunova, 1933), 1,5,11,19 (Pakhunova, 1946), 16 (Inashvili, 1971), 2 (Inašvili, 1977), 13 (Inašvili, 2000), 14,16,17 (Chelidze, 1971), 12 (Murvanishvili et al., 2006).
- Xanthoparmelia loxodes* (Nyl.) O. Blanco, A. Crespo, Elix, D. Hawksw. & Lumbsch – R; TBI:2,9,10,12,16, TU:10; 9 (Voronov, 1915), 16 (Inashvili, 1971), 14,17 (Chelidze, 1971).
- Xanthoparmelia perrugata* (Nyl.) O. Blanco, A. Crespo, Elix, D. Hawksw. & Lumbsch – R; 19 (Szatala, 1944).
- Xanthoparmelia pulla* (Ach.) O. Blanco, A. Crespo, Elix, D. Hawksw. & Lumbsch – R; TBI:2,3,8,10–12,16,17,19, LE:11, TU:10; 3 (Vainio, 1899), 9,10 (Elenkin, 1901b), 2,19 (Szatala, 1944), 16 (Pakhunova, 1946), 11 (Inashvili, 1965a).
- Xanthoparmelia ryssolea* (Ach.) O. Blanco, A. Crespo, Elix, D. Hawksw. & Lumbsch – R, S; TBI:9,18; 10 (Elenkin, 1901b), 16 (Inashvili, 1971), 9,13,14 (Chelidze, 1971).
- Xanthoparmelia stenophylla* (Ach.) Ahti & D. Hawksw. – R; TBI:2,3,5,7–12,16,18,19, KW:12; 7,9,11 (Pakhunova, 1946), 3 (Pakhunova, 1956),

19 (Blum, 1965), 10 (Inashvili, 1965a), 16 (Inashvili, 1971), 9,13,14 (Chelidze, 1971), 12 (Murvanishvili et al., 2006), 17 (Inashvili & Kupraze, 2008).

*Xanthoparmelia tinctina* (Maheu & A. Gillet) Hale – R, B; TBI:9,18,19; 19 (Inashvili & Batsatsashvili, 2010).

*Xanthoparmelia vagans* (Nyl.) Hale – S; TBI:3,9–11,13,18,19; 10 (Elenkin, 1901b), 19 (Inashvili, 1971), 13,14,17 (Chelidze, 1971).

*Xanthoparmelia verruculifera* (Nyl.) O. Blanco, A. Crespo, Elix, D. Hawksw. & Lumbsch – B; TBI:2,3,14, 16, 9,10; 9 (Inashvili, 1965a), 16 (Inashvili, 1971), 14 (Chelidze, 1971).

*XANTHORIA aureola* (Ach.) Erichsen – R; TBI:10, 11; 11 (Inashvili, 1965a).

*Xanthoria parietina* (L.) Th. Fr. – B; TBI:1–6,8–14,16,17,19, TGM:4, LE:19, KW:1; 19 (Elenkin, 1901b), 1,9,16 (Voronov, 1915), 5,8 (Pakhunova, 1933), 14 (Pakhunova, 1952), 10,11 (Inashvili, 1965a), 16 (Inashvili, 1971), 2 (Inashvili, 1977), 13 (Inashvili, 2000), 17,18 (Chelidze, 1971), 4 (Chelidze, 1981).

*Xanthoria elegans* (Link) Th. Fr. → *Rusavskia elegans* subsp. *elegans*

*Xanthoria lobulata* (Flörke) B. de Lesd. → *Seawardiella lobulata*

*Xanthoria candelaria* (L.) Th. Fr. → *Polycauliona candelaria*

*Xanthoria fallax* (Hepp ex Arnold) Arnold → *Xanthomendoza fallax*

*Xanthoria polycarpa* (Hoffm.) Rieber → *Polycauliona polycarpa*

*Xanthoria ulophyllodes* Räsänen → *Xanthomendoza ulophyllodes*

*XYLOGRAPHA parallela* (Ach.) Fr. – B; TBI:2,19; 19 (Tomin, 1934).

*Xylographa abietina* (Pers.) Zahlbr. → *Xylographa parallela*

#### 4. Summary and Conclusions

Since the beginning of the nineteenth century, 713 species of lichens and nine species of nonlichenized fungi traditionally treated by lichenologists have been recorded in Georgia. In the two other countries of the South Caucasus, Armenia and Azerbaijan, the number of recorded species is 592 (Gasparyan et al., 2016) and 811 (Alverdieva, 2018), respectively.

Specimens of the 547 of the 722 reported species are stored in the local Herbaria: 542 at TBI and 94 at TGM. Sixty-four species names (marked with an asterisk) require specimen examination/nomenclatural revision.

According to the data given in the presented catalog, of the 19 floristic regions of Georgia Svaneti (region 2 in Figure 1), Racha-Lechkhumi (three), Shida Kartli (eight), Kiziki (13), and Trialeti (16) are thoroughly surveyed. Adjara (one) and Samegrelo (five) are the least studied among the regions. We suggest protected areas, especially those located in the poorly studied regions, as a focus for further lichen surveys in the future.

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#### References

- Абрамов [Abramov], И. И. [I. I.]. (Ed.). (1971). *Определитель лишайников СССР* [Handbook of the lichens of the USSR] (Vol. 1). Наука [Nauka].
- Абрамов [Abramov], И. И. [I. I.]. (Ed.). (1975). *Определитель лишайников СССР* [Handbook of the lichens of the USSR] (Vol. 3). Наука [Nauka].

- Абрамов [Abramov], И. И. [I. I.]. (Ed.). (1977). *Определитель лишайников СССР* [Handbook of the lichens of the USSR] (Vol. 4). Наука [Nauka].
- Acharius, E. (1810). *Lichenographia universalis* [Universal lichenography]. F. Dandewerts.
- Альбов [Al'bov], Н. [N.]. (1892). *Леса Абхазии* [Forests of Abkhazia]. Типография Н. Хрисогелос [Tipografia N. Khricogelos].
- Алвердиева [Alverdieva], С. М. [S. M.]. (2018). *Современное состояние лишайнофлоры Азербайджана* [Current state of the lichen flora of Azerbaijan] [Unpublished doctoral dissertation]. Baku State University.
- Анчабадзе [Anchabadze], Т. Т. [T. T.]. (1956). Материалы к изучению дискомицетов Кахети [Materials for study of discomycetes of Kakheti]. *Vestnik Gosudarstvennogo Muzeya Gruzii*, 17, 304–312.
- Анчабадзе [Anchabadze], Т. Т. [T. T.]. (1959). Материалы к изучению дискомицетов Восточной Грузии [Materials for study of discomycetes of East Georgia]. *Vestnik Gosudarstvennogo Muzeya Gruzii*, 18, 181–201.
- ბაცაბაშვილი [Bac'ašvili], ქ. [K.], & ჭელიძე [Čelidze], ნ. [N.]. (2004). თბილისისა და მისი მთიანეთის ლიქენები [Lichens of Tbilisi and its surroundings]. *Notulae Systematicae ac Geographicae Instituti Botanici Tbilisiensis*, 44–45, 68–88.
- Bélangier, C. (1834). *Voyage Aux Indes-orientales, Par le Nord de l'Europe, les Provinces du Caucase, la Géorgie, l'Arménie et la Perse, Suivi de Détails Topographiques, Statistiques et Autressur le Pégou, les Cles de Java, de Maurice et de Bourbon, sur le Capde-Bonne-Espérance et Saint-Hélène, Pendant les Années 1825, 1826, 1827, 1828 et 1829. Botanique. II Partie, Cryptogamie* [Travel to the East Indies, through North Europe, the Caucasus provinces, Georgia, Armenia and Persia, study of topographic, statistical and other details at Pégou, les Cles de Java, de Mauritius and de Bourbon, on Capde-Bonne-Espérance and Saint-Hélène, in 1825, 1826, 1827, 1828 and 1829. Botanical. Part II, Cryptogams]. A. Bertrand.
- Блюм [Blum], О. Б. [O. B.]. (1960). Нові та маловідомі лишайники з Кавказу [New and poorly known lichens from the Caucasus]. *Український Ботанічний Журнал* [Ukrainian Botanical Journal], 17(3), 82–84.
- Блюм [Blum], О. Б. [O. B.]. (1965). Лишайники лесного пояса гор окрестностей Бакуриани [Lichens of forest belt of mountains in surroundings of Bakuriani]. In *Проблемы изучения грибов и лишайников: IV симпозиум прибалтийских микологов и лишайников* [Problems of fungi and lichen research, IV Symposium of Mycologists and Lichenologists of Baltic Republics] (pp. 168–172). Academy of Sciences of Estonia.
- Bohn, U., Zazanashvili, N., & Nakhutsrishvili, G. (2007). The map of the natural vegetation of Europe and its application in the Caucasus ecoregion. *Bulletin of the Georgian National Academy of Sciences*, 175, 112–121.
- Buhse, F. (1860). *Aufzählung der auf einer Reise durch Transkaukasien und Persien gesammelten Pflanzen (in gemeinschaft mit Dr. E. Boissier)* [List of plants collected on a trip through Transcaucasia and Persia (in collaboration with Dr. E. Boissier)]. W. Gautier.
- Burgaz, A. R., Ahti, T. T., Inashvili, T., Batsatsashvili, K., & Kupradze, I. (2018). Study of Georgian Cladoniaceae. *Botanica Complutensis*, 42, 19–55. <https://doi.org/10.5209/BOCM.61367>
- ჭელიძე [Čelidze], ნ. [N.], & ინაშვილი [Inašvili], ც. [C.]. (1979). ნიკორწმინდის ტაძრის ლიქენები [Lichens of Nikortsmina cathedral]. *საქართველოს სსრ მეცნიერებათა აკადემიის მოამბე* [Bulletin of the Academy of sciences of the Georgian SSR], 94(3), 669–671.
- Челидзе [Chelidze], Н. [N.]. (1970). Представитель нового для СССР рода лишайников *Gonohymenia mesopotamica* Steiner [Gonohymenia mesopotamica Steiner, a representative of a new genus for the USSR]. *Український Ботанічний Журнал* [Ukrainian Botanical Journal], 27(1), 104–105.
- Челидзе [Chelidze], Н. [N.]. (1971). *Лишайники сухих местообитаний Восточной Грузии* [Lichens of semiarid habitats of East Georgia] [Unpublished doctoral dissertation]. Tbilisi State University.
- Челидзе [Chelidze], Н. [N.]. (1981). Материалы к изучению лишайнофлоры Мегрелии (Хобский район) [Materials for study of lichens of Samegrelo (Khobi District)]. *Notulae Systematicae ac Geographicae Instituti Botanici Tbilisiensis*, 37, 54–57.
- Chikovani, N., Murvanishvili, I., & Inashvili, T. (2005). Cryptogams and fungi of forest belt of Lagodekhi State Reserve. *Bulletin of the Georgian National Academy of Sciences*, 179, 551–553.
- Dechy, M. (1907). *Kaukasus. Reisen und Forschungen im kaukasischen Hochgebirge. Bd. III. Bearbeitung der gesammelten Materialien von F. Filarszky, E. Csiki, K. Papp, F. Schafarzik und M. v. Dechy* [The Caucasus. Travel and research in the Caucasian high mountains. Vol. 3. Processing of the materials collected by F. Filarszky, E. Csiki, K. Papp, F. Schafarzik, and M. v. Dechy]. D. Reimer.

- Долуханов [Dolukhanov], А. [А.]. (2010). *Лесная растительность Грузии* [Forest vegetation of Georgia]. Универсал [Universal].
- Еленкин [Elenkin], А. А. [А. А.]. (1901a). Лихенологическая экскурсия на Кавказ в 1899 г. [Lichenological excursion to the Caucasus in 1899]. *Izvestiya Imperatorskogo S.-Peterburgskogo Botanicheskogo Sada*, 1(3), 95–116.
- Еленкин [Elenkin], А. А. [А. А.]. (1901b). Лишайниковые формации в Крыму и на Кавказе [Lichen formations in Crimea and the Caucasus]. *Trudy Imperatorskogo S.-Peterburgskogo Obshchestva Estestvoispytatelei*, 32(1), 171–181.
- Еленкин [Elenkin], А. А. [А. А.], & Воронихин [Voronikhin], Н. Н. [N. N.]. (1906). Эпифильные лишайники на Кавказе [Foliicolous lichens in the Caucasus]. *Trudy Imperatorskogo S.-Peterburgskogo Obshchestva Estestvoispytatelei*, 39(1), 236–258.
- Gagarina, L. (2015). New lichen records from Abkhazian Experimental Research Forest Station (Abkhazia). *Новости систематики низших растений* [Novitates Systematicae Plantarum Non Vascularium], 49, 239–244. <https://doi.org/10.31111/nsnr/2015.49.239>
- Ганике [Ganike], А. В. [А. В.]. (1902). Экскурсия в Гагры и их окрестности в июне 1902 г. [Excursion to Gagra and its surroundings in June, 1902]. *Trudy Imperatorskogo S.-Peterburgskogo Obshchestva Estestvoispytatelei*, 33(1–8), 318–338.
- Gasparyan, A., Aptroot, A., Burgaz, A. R., Otte, V., Zakeri, Z., Rico, V. J., Araujo, E., Crespo, A., Divakar, P. K., & Lumbsch, H. T. (2016). Additions to the lichenized and lichenicolous mycobiota of Armenia. *Herzogia*, 29(2), 692–705. <https://doi.org/10.13158/heia.29.2.2016.692>
- Голубкова [Golubkova], Н. С. [N. S.]. (Ed.). (1996). *Определитель лишайников России* [Handbook of the lichens of Russia] (Vol. 6). Наука [Nauka].
- Hafellner, J., & Türk, R. (2016). Die lichenisierten Pilze Österreichs – eine neue Checkliste der bisher nachgewiesenen Taxa mit Angaben zu Verbreitung und Substratökologie [The lichenized mushrooms of Austria – A new checklist of the previously recorded taxa with information on distribution and substrate ecology]. *Stapfia*, 104(1), 1–216.
- Hawksworth, D. L., Blanco, O., Divakar, P. K., Teuvo, A. H. T. I., & Crespo, A. (2008). A first checklist of parmelioid and similar lichens in Europe and some adjacent territories, adopting revised generic circumscriptions and with indications of species distributions. *The Lichenologist*, 40(1), 1–21. <https://doi.org/10.1017/S0024282908007329>
- Инашвили [Inashvili], Ц. [Ts.]. (1963a). Новые и интересные для Кавказа лишайники из Грузии [New and interesting Caucasus species of lichens from Georgia]. *Ботанические материалы Отдела споровых растений Ботанического института им. В. Л. Комарова Академии наук СССР* [Botanitseskie materialy Otdela sporovykh rastenii Botanitseskogo instituta im. V. L. Komarova Akademii nauk SSSR], 16, 20–22.
- Инашвили [Inashvili], Ц. [Ts.]. (1963b). Новые виды лишайников для СССР [New species of lichens for the USSR]. *Ботанические материалы Отдела споровых растений Ботанического института им. В. Л. Комарова Академии наук СССР* [Botanitseskie materialy Otdela sporovykh rastenii Botanitseskogo instituta im. V. L. Komarova Akademii nauk SSSR], 16, 18–19.
- Инашвили [Inashvili], Ц. [Ts.]. (1964). *Collema callopistum* Mass., новый вид для лихенофлоры СССР [Collema callopistum Mass., a new species for lichen flora of the USSR]. *Новости систематики низших растений* [Novitates Systematicae Plantarum Non Vascularium], 1, 250–251. <https://doi.org/10.31111/nsnr/1964.1.250>
- Инашвили [Inashvili], Ц. [Ts.]. (1965a). Новые и редкие виды для Кавказа из семейства Collemataceae [New and rare species of the family Collemataceae for the Caucasus]. *Notulae Systematicae ac Geographicae Instituti Botanici Tbilissiensis*, 24, 3–6.
- Инашвили [Inashvili], Ц. [Ts.]. (1965b). *Лишайники долины реки Арагви* [Lichens of the river Aragvi valley] [Unpublished doctoral dissertation]. Tbilisi State University.
- Инашвили [Inashvili], Ц. [Ts.]. (1966). О новом лишайнике *Physcia oxneri* Inasch. [On a new lichen *Physcia oxneri* Inasch.]. *Новости систематики низших растений* [Novitates Systematicae Plantarum Non Vascularium], 1, 267–270.
- Инашвили [Inashvili], Ц. [Ts.]. (1968). К изучению лихенофлоры известняков южных склонов Западного Кавказиони [For study of the limestone lichen flora of southern slopes of the Western Great Caucasus]. In *Материалы III закавказской конференции по споровым растениям* [Materials of the III South Caucasian Conference on Spore-Producing Plants] (pp. 255–258). საქართველოს სსრ მეცნიერებათა აკადემიის გამომცემლობა [Publishing house of the Academy of Sciences of the Georgian SSR].
- Инашвили [Inashvili], Ц. [Ts.]. (1969). Некоторые новые и редкие виды лишайников для Кавказа [Some new and rare species of lichens for the Caucasus]. *Notulae Systematicae ac Geographicae Instituti Botanici Tbilissiensis*, 27, 10–13.



- Инашвили [Inashvili], Ц. [Ts.]. (1970). Новые лишайники для Грузии [New lichens from Georgia]. *Notulae Systematicae ac Geographicae Instituti Botanici Tbilissiensis*, 28, 10–12.
- Инашвили [Inashvili], Ц. [Ts.]. (1971). *Лишенофлора Триалети* [Lichen flora of Trialeti] [Report 68053458 B163131 available at the library of the Institute of Botany of Ilia State University]. Institute of Botany of the Academy of Sciences of the Georgian SSR.
- Инашвили [Inashvili], Ц. [Ts.]. (1972). Новые и интересные лишайники для Грузии [New and interesting lichens for Georgia]. *Notulae Systematicae ac Geographicae Instituti Botanici Tbilissiensis*, 29, 24–25.
- Инашвили [Inashvili], Ц. [Ts.]. (1976). О новом местонахождении *Leptogium hildenbrandii* (Garov.) Nyl. [On a new locality of *Leptogium hildenbrandii* (Garov.) Nyl.]. *Notulae Systematicae ac Geographicae Instituti Botanici Tbilissiensis*, 32, 3–5.
- Инашвили [Inashvili], Ц. [Ts.]. (1978). Новые и редкие лишайники для Кавказа [New and rare lichens for the Caucasus]. *Notulae Systematicae ac Geographicae Instituti Botanici Tbilissiensis*, 35, 81–83.
- Инашвили [Inashvili], Ц. [Ts.]. (1980). Новые и редкие для СССР виды из семейства Collemataceae [New and rare species of the family Collemataceae for the USSR]. *Новости систематики низших растений* [Novitates Systematicae Plantarum Non Vascularium], 31, 134–136.
- Инашвили [Inashvili], Ц. [Ts.]. (1986). Lichenes. In И. [I.] Нахуцришвили [Nakhutsrishvili] (Ed.), *Флора споровых растений Грузии* [Flora of spore-producing plants of Georgia] (pp. 692–785). Мецниереба [Metsniereba].
- Inashvili, T., & Batsatsashvili, K. (2010). New lichen records from Georgia. *Turkish Journal of Botany*, 34(6), 549–553. <https://doi.org/10.3906/bot-0911-247>
- Inashvili, T., & Kupradze, I. (2006). Materials to the study of lichens of Algeti State Reserve. *Proceedings of the Georgian Academy of Sciences, Biological Series B*, 3, 45–51.
- ინაშვილი [Inashvili], ც. [Ts.]. (1977). სვანეთის სასარგებლო ლიქენები [Useful lichens of Svaneti]. In *Proceedings of the botanical session at the Institute of Botany* (pp. 24–25). საქართველოს სსრ მეცნიერებათა აკადემიის გამომცემლობა [Publishing House of the Academy of Sciences of the Georgian SSR].
- ინაშვილი [Inashvili], ც. [Ts.]. (2000). ვაშლოვნის ნაკრძალის ლიქენები [Lichens of Vashlovani Nature Reserve]. *მეცნიერება და ტექნოლოგიები* [Science and Technology], 10–12, 576–578.
- ინაშვილი [Inashvili], ც. [Ts.], & კუპრაძე [Kupradze], ი. [I.]. (2008). მდინარე მტკვრის ჭაღის ლიქენები [Lichens of the river Mtkvari (Kura) riparian forests]. *სამეცნიერო შრომათა კრებული* [Scientific article collection of the Agrarian State University of Georgia], 42(1), 60–62.
- ინაშვილი [Inashvili], ც. [Ts.], & კუპრაძე [Kupradze], ი. [I.]. (2010). ლიქენების პრაქტიკული მნიშვნელობა [Practical importance of lichens]. *მარჯი* [Marji], 3, 105–109.
- Jatta, A. (1900). Lichenes. In S. Sommier & E. Levier (Eds.), *Enumeratio plantarum anno 1890 in Caucaso lectarum* [An enumeration of plants in the Caucasus in 1890] (pp. 523–536). Typografia Imperatorskoi Akademii Nauk. <https://www.biodiversitylibrary.org/item/40152>
- კეცხოველი [Kec'xoveli], ნ. [N.]. (1960). საქართველოს მცენარეული საფარი [Georgia's vegetation cover]. მეცნიერება [Metsniereba].
- კეცხოველი [Kec'xoveli], ნ. [N.], ხარაძე [Xaraze], ა. [A.], & გაგნიძე [Gagnize], რ. [R.]. (Eds.). (1971–2011). *საქართველოს ფლორა* [Flora of Georgia] (2nd ed., Vol. 1–16). მეცნიერება [Metsniereba].
- Kondratyuk, S. Y., Lőkös, L., Jang, S. H., Hur, J. S., & Farkas, E. (2019). Phylogeny and taxonomy of *Polyozosia*, *Sedelnikovaea* and *Verseghya* of the Lecanoraceae (Lecanorales, lichen-forming Ascomycota). *Acta Botanica Hungarica*, 61(1–2), 137–184. <https://doi.org/10.1556/034.61.2019.1-2.9>
- კორძაძის [Korzhaxia], მ. [M.]. (1961). საქართველოს ჰავა [Climate of Georgia]. საქართველოს სსრ მეცნიერებათა აკადემიის გამომცემლობა [Publishing House of the Academy of Sciences of the Georgian SSR].
- Kukwa, M. (2011). *The lichen genus Ochrolechia in Europe*. Fundacja Ruzwoju Uniwersytetu Gdanskiego.
- Kupradze, I. (2009). New lichen species for Georgia from Algeti National Park (East Georgia). *Proceedings of the Georgian Academy of Sciences, Biological Series B*, 3–4(7), 103–104.
- Kupradze, I., Inashvili, Ts., Batsatsashvili, K., Lachashvili, N., & Gabelashvili, S. (2018). Lichens of the arid region of David Gareji, Georgia (South Caucasus). *Herzogia*, 31(1), 268–275. <https://doi.org/10.13158/099.031.0122>
- Magnusson, A. H. (1929). A monograph of the genus *Acarospora*. *Kongliga Svenska Vetenskapsakademiens Handlingar*, 7(4), 1–400.



- Magnusson, A. H. (1947). Studies in non-saxicolous species of *Rinodina*, mainly from Europe and Siberia. *Acta Horti Gothoburgensis*, 17, 191–338.
- Малеев [Maleev], В. П. [V. P.]. (1927). Пицундская сосновая роща [Pine forest of Bichvintha]. *Труды Абхазского Научного Общества* [Trudy Abkhazskogo Nauchnogo Obshchestva], 1(2), 3–35.
- Murvanishvili, I., Inashvili, Ts., & Tigishvili, K. (2006). Fungi and cryptogams of high-mountain ecosystems of Lagodekhi State Reserve. *Proceedings of the Georgian Academy of Sciences, Biological Series B*, 4(3), 51–59.
- Nakhutsrishvili, G. (2013). *The vegetation of Georgia (South Caucasus)*. Springer. <https://doi.org/10.1007/978-3-642-29915-5>
- Nakhutsrishvili, G., Zazanashvili, N., & Batsatsashvili, K. (2011). Regional profile: Colchic and Hyrcanic temperate rainforests of the Western Eurasian Caucasus. In D. A. DellaSala (Ed.), *Temperate and boreal rainforests of the world: Ecology and conservation* (pp. 213–242). Island Press.
- Nimis, P. L. (2016). *The lichens of Italy: A second annotated catalogue*. EUT.
- Окснер [Oksner], А. Н. [A. N.]. (1939). Епіфільні лишайники Кавказа на фоні їх загального поширення [Caucasian epiphilic lichens on the background of their general distribution]. *Журнал Института ботаники АН УРСР* [Zhurnal Instytutu Botaniky AN URSSR], 21–22, 29–30.
- Пахунова [Pakhunova], В. [V.]. (1926–1927). Заметка об эпифильных лишайниках в Сухуме и его окрестностях [Note on foliicolous lichens in Sokhumi and its surroundings]. *Вестник Тифлисского Ботанического Сада* [Vestnik Tiflisskogo Botanicheskogo Sada], 3–4, 57–59.
- Пахунова [Pakhunova], В. [V.]. (1933). Материалы к познанию лишайников Грузии [Materials for study of Georgia's lichens]. *Вестник Тифлисского Ботанического Сада* [Vestnik Tiflisskogo Botanicheskogo Sada], 1, 303–348.
- Пахунова [Pakhunova], В. [V.]. (1946). *Представители рода Parmelia в Грузии* [Representatives of the genus *Parmelia* in Georgia] [Unpublished doctoral dissertation]. Tbilisi State University.
- Пахунова [Pakhunova], В. [V.]. (1952). Материалы к познанию лишенофлоры Гарекхети [Materials for study of lichen flora of Gare Kakheti]. *Труды Тбилисского Института Ботаники* [Trudy Tbilisskogo Instituta Botaniki], 14, 11–29.
- Пахунова [Pakhunova], В. [V.]. (1956). Лишенофлора Рача-Лечхуми [Lichen flora of Racha-Lechkhumi]. *Труды Тбилисского Института Ботаники* [Trudy Tbilisskogo Instituta Botaniki], 18, 139–180.
- Пахунова [Pakhunova], В. [V.]. (1959). Представители рода *Cetraria* в Грузии [Representatives of the genus *Cetraria* in Georgia]. *Труды Тбилисского Института Ботаники* [Trudy Tbilisskogo Instituta Botaniki], 20, 59–72.
- Pisút, I. (1975). Niekoľko zaujímavých lisajnikov zo západnej časti veľkého Kaukazu (ZSSR) [Some interesting lichens from the western part of the Great Caucasus (USSR)]. *Zborník Slovenského Národného Muzea. Prírodné vedy*, 21, 71–74.
- Плутенко [Plutenko], И. [I.]. (1872). Предварительный отчет о поездке на Кавказ [A preliminary report on my visit to the Caucasus]. *Записки Киевского общества естествоиспытателей* [Zapiski Kievskogo Obshchestva Estestvoispytatelei], 3(1), 1–17.
- Rabenhorst, L. (1871). Uebersicht der von Herrn Prof. Dr Haussknecht im Orient gesammelten Kryptogamen [Overview of the cryptogams collected by Prof. Dr Haussknecht in the Orient]. *Hedwigia*, 10, 177–180.
- Radde, G. (1901). *Die Sammlungen des Kaukasischen museums: Botanik* [The collections of the Caucasian museum: Botany]. Kaukasischen Museum.
- Randlane, T., Tõrra, T., Saag, A., & Saag, L. (2009). Key to European *Usnea* species. *Bibliotheca Lichenologica*, 100, 419–462.
- Рассадина [Rassadina], К. А. [K. A.]. (1950). Цетрария (*Cetraria*) в СССР [Cetraria (*Cetraria*) in the USSR]. *Труды Ботанического института Академии наук СССР. Серия 2, Споровые растения* [Trudy Botanicheskogo Instituta Akademii Nauk SSSR. Seriya 2, Sporovye rasteniia], 5, 171–304.
- Рассадина [Rassadina], К. А. [K. A.]. (1959). О группе *Parmelia caperata* в СССР [On the group of *Parmelia caperata* in the USSR]. *Труды Ботанического института Академии наук СССР. Серия 2, Споровые растения* [Trudy Botanicheskogo Instituta Akademii Nauk SSSR. Seriya 2, Sporovye rasteniia], 12, 5–17.
- Рассадина [Rassadina], К. А. [K. A.]. (1971). Сем. Parmeliaceae. In И. И. [I. I.] Абрамов [Abramov] (Ed.), *Определитель лишайников СССР* [Handbook of the lichens of the USSR] (Vol. 1, pp. 282–386). Наука [Nauka].
- Ruprecht, F. (1848). Ueber den Standpunkt der Kryptogamie in Russland, insbesondere über die Cryptogamen-Flora der Caucasischen Provinzen [About the standpoint of cryptogamy in Russia, especially about the cryptogam flora of the Caucasus provinces].

- Bulletin de la classe physico-mathématique de l'Académie Impériale des Sciences de Saint-Petersbourg*, 6, 305–311.
- Савич [Savich], В. П. [V. P.]. (1961). Lichenotheca Rossica. *Ботанические материалы Отдела споровых растений Ботанического института им. В. Л. Комарова Академии наук СССР* [Botanitseskie materialy Otdela sporovykh rastenii Botanitseskogo instituta im. V. L. Komarova Akademii nauk SSSR], 14, 1–6.
- Шарлеман [Sharleman], Е. В. [E. V.]. (1915). По Военно-Сухумской дороге [Along the Sokhumi Road]. *Бюллетень Харьковского общества любителей природы* [Bulletin' Khar'kovskogo obshchestva liubitelei prirody], 1(3), 30–45.
- Steiner, J. (1919). Flechten aus Transkaukasien [Lichens from the South Caucasus]. *Annales Mycologici Editi in Notitiam Scientiae Mycologicae Universalis*, 17, 1–132.
- Steiner, J. (1921). Lichenes aus Mesopotamien und Kurdistan sowie Syrien und Prinkipo [Lichenes from Mesopotamia and Kurdistan as well as Syria and Prinkipo]. *Annalen des Naturhistorischen Museums in Wien*, 34, 1–68.
- Szatala, O. (1944). Lichenes in Peninsula Taurica et in Caucaso ab F. Komienski, D. Sosnowsky et E. Koenig collecti [Lichens of the Crimean Peninsula and the Caucasus collected by F. Komienski, D. Sosnowsky, and E. Koenig]. *Borbásia*, 4, 70–96.
- Tibell, L. (1989). Caliciales Exsiccatae. Fasc. 7 (Nos. 151–175). *Thunbergia*, 8, 1–9.
- Tibell, L. (1990). Caliciales Exsiccatae. Fasc. 7 (Nos. 176–200). *Thunbergia*, 13, 1–9.
- Ткешелашвили [Tkeshelashvili], И. С. [I. S.]. (1898). Список лишайников и мхов собранных на Кавказе в 1897 г. [List of lichens and mosses collected in the Caucasus in 1897]. *Труды Тифлисского Ботанического Сада* [Trudy Tiflisskogo Botanicheskogo Sada], 3, 169–178.
- Томин [Tomin], М. П. [M. P.]. (1934). Материалы к познанию лишайников горных лесов Закавказья [Materials for study of lichens of montane forests of the South Caucasus]. *Труды Тифлисского Ботанического Сада* [Trudy Tiflisskogo Botanicheskogo Sada], 1, 353–373.
- Тумаджанов [Tumadjanov], И. И. [I. I.]. (1938). Леса горной Тушети [Forests of Montane Tusheti]. *Труды Тифлисского Ботанического Сада* [Trudy Tiflisskogo Botanicheskogo Sada], 5, 105–248.
- Vainio, E. (1887). Monographia Cladoniarum universalis [Complete monograph on Cladonias]. *Acta Societatis pro Fauna et Flora Fennica*, 4, 1–510.
- Vainio, E. (1894). Monographia Cladoniarum universalis [Complete monograph on Cladonias]. *Acta Societatis pro Fauna et Flora Fennica*, 10, 1–498.
- Vainio, E. (1899). Lichenes in Caucaso et in Peninsula Taurica annis 1884–1885 ad. H. Lojka et M. Dechy Collecti [Lichens in the Caucasus and the Crimean Peninsula collected by H. Lojka and M. Dechy in 1884–1885]. *Természetráji füzetek, az állat-, növény-, ásvány- és földtan köreiből*, 22, 269–343.
- Vězda, A. (1961). *Lichenes selecti exsiccati* [Lichen selected exsiccatae] (Fascicle 3, Nos. 51–75). Botanical Institute, University of Agriculture and Silviculture of Brno.
- Vězda, A. (1978a). *Lichenes selecti exsiccati* [Lichen selected exsiccatae] (Fascicle 61, Nos. 1501–1525). Botanical Institute, Czechoslovak Academy of Sciences.
- Vězda, A. (1978b). *Lichenes selecti exsiccati* [Lichen selected exsiccatae] (Fascicle 62, Nos. 1526–1550). Botanical Institute, Czechoslovak Academy of Sciences.
- Vězda, A. (1978c). *Lichenes selecti exsiccati* [Lichen selected exsiccatae] (Fascicle 63, Nos. 1551–1575). Botanical Institute, Czechoslovak Academy of Sciences.
- Vězda, A. (1978d). *Lichenes selecti exsiccati* [Lichen selected exsiccatae] (Fascicle 64, Nos. 1576–1600). Botanical Institute, Czechoslovak Academy of Sciences.
- Vězda, A. (1979). *Lichenes selecti exsiccati* [Lichen selected exsiccatae] (Fascicle 67, Nos. 1651–1675). Botanical Institute, Czechoslovak Academy of Sciences.
- Vondrák, J., Pavel, Ř. Í. H. A., Ulf, A. R. U. P., & Söchting, U. (2009). The taxonomy of the *Caloplaca citrina* group (Teloschistaceae) in the Black Sea region; with contributions to the cryptic species concept in lichenology. *The Lichenologist*, 41(6), 571–604. <https://doi.org/10.1017/S0024282909008317>
- Воронихин [Voronikhin], Н. [N.]. (1919). Заметка об эпифильных лишайниках на Кавказе [Note on foliicolous lichens in the Caucasus]. *Известия Кавказского Музея* [Izvestiia Kavkazskogo Muzeia], 12, 150–154.
- Воронихин [Voronikhin], Н. [N.]. (1927). Материалы к флоре грибов Кавказа [Materials for the flora of fungi of the Caucasus]. *Труды Ботанического музея* [Trudy Botanicheskogo muzeia], 21, 87–252.
- Воронов [Voronov], Ю. [Yu.]. (1915). Свод сведений о микофлоре Кавказа. 1 [Collection of data on mycoflora of the Caucasus. 1]. *Труды Тифлисского Ботанического Сада* [Trudy Tiflisskogo Botanicheskogo Sada], 13(2), 1–200.
- Воронов [Voronov], Ю. [Yu.]. (1916). Материалы к лишайниковой флоре Кавказа [Materials for lichen flora of the Caucasus]. *Известия Кавказского Музея* [Izvestiia Kavkazskogo Muzeia], 9, 203–227.

- Воронов [Voronov], Ю. [Ju.]. (1922). Свод сведений о микофлоре Кавказа. 2 [Collection of data on mycoflora of the Caucasus. 2]. *Труды Тифлисского Ботанического Сада* [Trudy Tiflisskogo Botanicheskogo Sada], 2(3), 97–186.
- Zazanashvili, N., Gagnidze, R., & Nakhutsrisvili, G. (2000). Main types of vegetation zonation on the mountains of the Caucasus. *Acta Phytogeographica Suecica*, 85, 7–16.
- Zschacke, H. (1933–1934). Epigloeaceae, Verrucariaceae und Dermatocarpaceae [Epigloeaceae, Verrucariaceae, and Dermatocarpaceae]. In A. Zahlbruckner (Ed.), *Dr. L. Rabenhorst's Kryptogamen-Flora von Deutschland, Österreich und der Schweiz* [Dr. L. Rabenhorst's cryptogam flora of Germany, Austria, and Switzerland]. Akademische Verlagsanstalt.