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## Introduction

The history of investigating lichens in Estonia extends back to the second half of the 18th century. The earliest paper known to us, in which lichens from the area that is now known as Estonia are mentioned, was compiled by J. B. Fischer, a student of the famous Linné, and published in Leipzig in 1778 under the title “Der Versuch einer Naturgeschichte von Livland”. 25 lichen species were mentioned in this publication. During the next one hundred years, about a hundred lichen species have been mentioned from the territory of our country – in the papers of amateur naturalists D. H. Grindel, W. Friebe, W. L. Luce, A. Dietrich.

The first lichenological paper of scientific importance, which included data worth considering also today, was presented by Andreas Bruttan at the end of the last century – “Lichenen Est-, Liv- und Kurlands” (Bruttan, 1870). He reported 394 species which constitute more than 460 species according to modern taxonomy. Unfortunately, his herbarium materials are only partly preserved (deposited in TU and RIG) and not all taxa were provided with exact locality data. This means that the lichens included by Bruttan without locality data might have been collected either from the present Estonia or from the present Latvia and therefore such taxa cannot definitely be accepted in the list of Estonian lichens. However, the specimens still retained refer to the high professionalism of Andreas Bruttan; 15 species verified by herbarium materials have been reported from our territory only by him and have not been found again till today.

Contributions by the Russian lichenologist Konstantin Mereschkowski (1909, 1913) and the Finnish scientist Veli Räsänen (1931) were also outstanding studies of their time. Still, none of them presented a total checklist of lichen species of the whole territory of Estonia. The paper “Die Flechten Estlands I” by Räsänen is the first publication which contained identification keys for the lichens of Estonia. Still, only half of the genera (e.g. *Cetraria*, *Lecanora*, *Parmelia*, *Pertusaria*, *Usnea* etc.) were treated in this volume and the second part of the study was never finished.

The first completed checklist of our country was compiled by Hans Trass (Trass, 1970); the list included 677 species and an original analysis of the geographical elements of the entire lichen flora was also introduced. Estonia was considered a thoroughly investigated area at that time – with respect to lichen flora. In 1989, joint activities were carried out together with Swedish colleagues for the first time during the Soviet period (Kärnefelt, 1989; Trass & Randlane, 1991). Two short expeditions to Estonian western islands and to western and north-western parts of the country resulted in reporting of a considerable number of lichen species new for Estonia (Ekman et al. 1991; Moberg, 1992). Thus the need for a new, critical, modern research of Estonian lichen flora was clearly expressed.

Critical revision of Estonian lichens has been carried out as teamwork and it was done in two stages. The monography “Macrolichens of Estonia” was published in 1994 (Trass & Randlane, 1994). This is a key-book where descriptions and identification keys for 382 lichen species are presented; 332 of them are reported from Estonia and 50 species, which occur in the neighbouring territories, are considered as potential inhabitants of our country. The issue is illustrated with original black-and-white drawings of 195 species.

The second stage involves publishing the present, second checklist of Estonian lichens. This has been the collective work of 13 specialists during the last four years. The contribution of under- and post-graduates of the University of Tartu should be especially pointed out. The following academic papers have been compiled and defended during these years:

“Crustaceous lichen genera *Amandinea*, *Buellia*, *Diplotomma* and *Rinodina* in Estonia” by Mari Sarv (1997a);

“Lecideoid crustaceous lichens in Estonia” by Ave Suija (1997);

“Lichen genus *Lecanora* in Estonia” by Inga Jüriado (1998a);

“Estonian calicioid lichens and fungi” by Piret Lõhmus (1998a);

“The *Lepraria* species in Estonia” by Lauri Saag (1999).

All these manuscripts, written in Estonian, contain identification keys, descriptions of genera and species as well as distribution maps of the treated taxa. Thus the papers listed above constitute the beginning of the next stage in our research – compilation of the handbook of Estonian microlichens.

Furthermore, a number of floristical articles concerning different localities and certain taxa in Estonia have been published lately in connection with this project by the co-authors of the checklist (Jüriado, 1997, 1998b; Lõhmus, 1998b; Martin & Martin, 1998; Martin et al., 1999; Nilson & Piin, 1998; Randlane, 1998; Randlane & Jüriado, 1999; Randlane et al. 1997; Saag et al., 1998; Saag & Saag, 1999; Sarv, 1997b; Suija, 1998). Some papers reporting lichens new for Estonia have been published by our Swedish colleagues (Moberg, 1997; Thor & Nordin, 1998).

The present second checklist includes 851 species and 12 infraspecific taxa of lichenized, lichenicolous and allied fungi (actually non-lichenized fungi which usually have been treated together with lichens in modern lichenological literature). The two latter categories – lichenicolous and allied non-lichenized fungi – are reported for the first time for Estonia. Most of them have been identified by Ave Suija.

Altogether, 863 taxa from 200 genera are presented; from them 790 species and 12 infraspecific taxa are lichenized, 39 species lichenicolous and 22 species non-lichenized.

The checklist is mainly based on herbarium materials. The sources of verification are added to each taxon in the list (after the taxon name) – either the abbreviations of the names of the herbaria where the respective materials are kept or, if there have not been such specimens established, the oldest piece of literature in which the species has been reported for Estonia. These species (54 altogether) which herbarium material has not been seen and which were included according to literature data only, are considered doubtful for Estonia and are marked with a question-mark in the list.

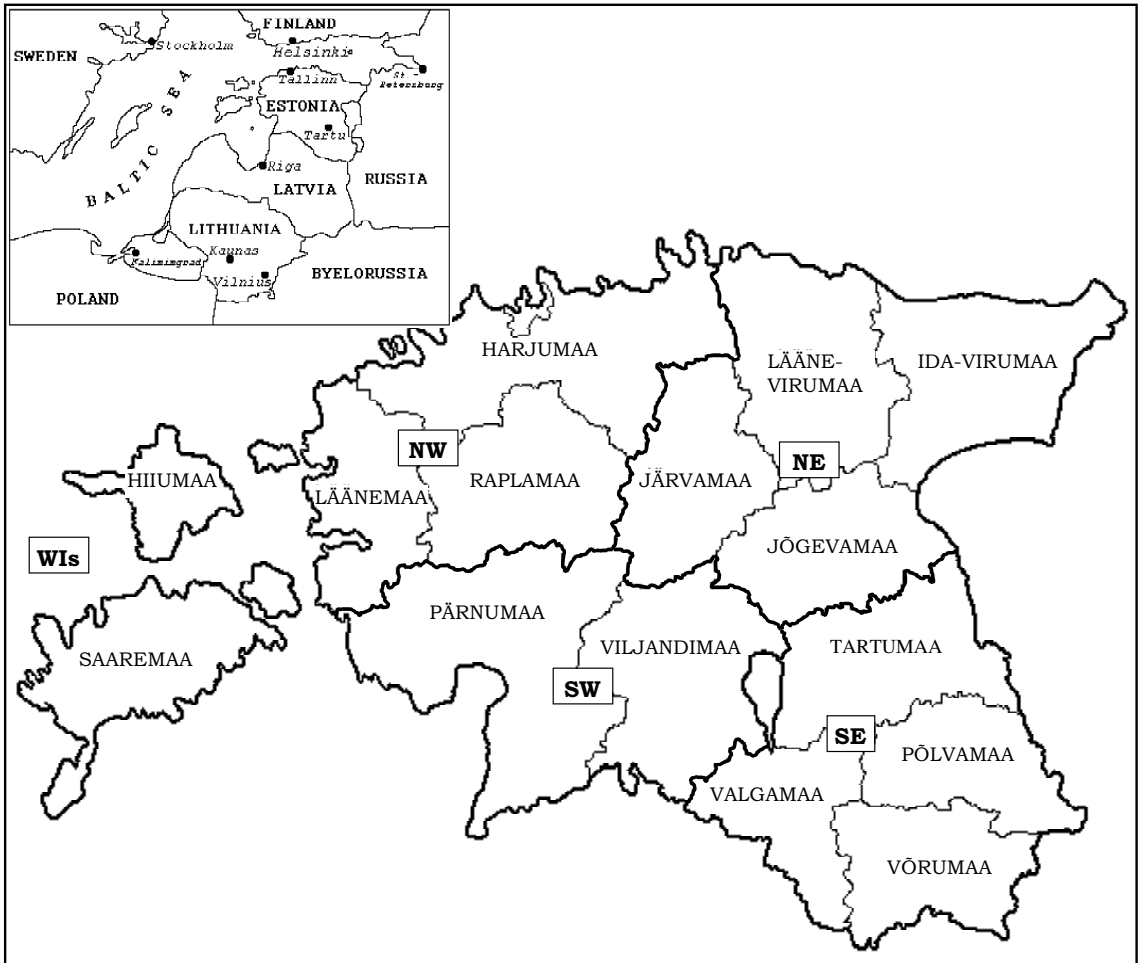
Furthermore, those species that have not been recorded after 1950 are treated as extinct or probably extinct from Estonia (and are marked with an asterisk in the list). Today we can count 40 such species.

All the Estonian names of lichens ever published are included in the list below the Latin name of the taxon. Still, most of the microlichens do not have names in Estonian. Original Estonian names have been proposed for a few species – the so-called indicator species of woodland key habitats – during the course of this project.

The nomenclature of the present list follows that of the catalogue of lichens by Santesson (1993) with minor changes (concerning e.g. cetrarioid genera, genus *Cladina* and a few other taxa). Latin names that have been used in the first checklist of Estonian lichens (Trass, 1970) or in the Estonian lichenological literature published after that and which are not considered correct today, are added as synonyms. From older synonyms used by Bruttan, Mereschkowski, Räsänen etc. only these are included which have been applied more extensively. The abbreviations of author names follow Kirk and Ansell (1992), in a single case generally acknowledged changes have been accepted (A. Thell instead of Thell for Arne Thell).

Substrata where from the species have been collected in Estonia as well as the distributional and frequency data for every species are also introduced. The geographic distribution of species is indicated by presenting symbols of the regions where the taxon has been reported in Estonia. The five regions are based on the four quarters of the compass plus the western islands. The regions contain two to four administrative units (counties), while their borders follow the formal borders of the counties (Fig. 1).

Frequency of occurrence is indicated according to the following frequency classes: very rare – 1-2 localities, rare – 3-5 localities, rather rare – 6-10 localities, rather frequent – 11-20 localities, frequent – 21-50 localities, very frequent – 51 or more localities.



**Fig. 1.** Location of counties in five regions of Estonia for which the distributional data are presented. NW — north-western part; NE — north-eastern part; SE — south-eastern part; SW — south-western part; WIs — western islands.

Still, the present data concerning the occurrence of lichens in Estonia are undoubtedly incomplete. A number of frequent or very frequent species have not been reported from all five regions, probably not because of a special pattern of distribution of these species but due to the lack of information. Further study is required to find out the real distribution of the taxa considered rare or very rare today. As the distribution and frequency data in this list are based strictly on the herbarium materials which might not always reflect the true situation at

the moment, specific comments have been added concerning some species. In this paragraph the subjective opinion on the distribution of taxa or its dynamics is introduced.

After the checklist a separate list of excluded species is presented. Most of these taxa are earlier misidentifications; some of them are excluded because their reports were based on the material that had been collected from unknown localities or the identity of the taxon is considered dubious today.

“Second checklist of lichenized, lichenicolous and allied fungi of Estonia” is a collective effort of not only the thirteen authors listed on the cover. A great number of good colleagues have been involved in this project. First of all, we are deeply indebted to the curators of neighbouring herbaria where numerous collections of Estonian lichens are kept and where from they were kindly sent to us for investigation or where we were still more kindly accepted – to Orvo Vitikainen and Roland Skytén from the Botanical Museum, University of Helsinki; Roland Moberg from the Botanical Museum, Uppsala University; Ingvar Kärnefelt from the Botanical Museum, Lund University; Alfons Piterans from the University of Latvia, Riga; Marianne Hamnede from the Swedish Museum of Natural History, Stockholm. Uve Ramst from the Estonian Nature Museum, Tallinn, and Enel Sander and Siiri Liiv from Tallinn Botanical

Gardens also helped us with some herbarium materials and distributional data.

The following lichenologists are thanked for identifying certain specimens and for valuable comments concerning different taxa: Teuvo Ahti, Othmar Breuss, Irwin Brodo, Stefan Ekman, Lars Fröberg, Pekka Halonen, Hannes Hertel, Ingvar Kärnefelt, Johannes Günther Knoph, Barbara Meyer, Roland Moberg, Anders Nordin, Erast Parmasto, Rikard Sundin, Göran Thor, Leif Tibell, Tør Tønsberg, Orvo Vitikainen.

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The Editors

## Symbols and abbreviations

? — occurrence of the species in Estonia is doubtful (herbarium material not seen, included on literature data only)

\* — the species is extinct or probably extinct in Estonia (not found after 1950)

# — lichenicolous fungus

+ — non-lichenized fungus

Numbers after the genus name — number of species + number of infraspecific taxa in Estonia

Est. — Estonian name(s) of species and genera

Syn. — synonym(s)

Ecol. — substrata

Distr. — distribution of species in five regions of Estonia:

NW — Harjumaa Co., Läänemaa Co., Raplamaa Co., northern islands (Aegna, Koipse, Mohni, Naissaar, Osmussaar, Pakri, Pedassaar, Rammu)

NE — Lääne-Virumaa Co., Ida-Virumaa Co., Järvamaa Co., Jõgevamaa Co.

SE — Tartumaa Co., Põlvamaa Co., Võrumaa Co., Valgamaa Co.

SW — Viljandimaa Co., Pärnumaa Co.

WIs — western islands (Saaremaa, Hiiumaa, Muhu, Vormsi, Kassari, Abruca, Vilsandi, Kihnu, Ruhnu, islets SE from Hiiumaa, islets in Vilsandi National Park)

Freq. — frequency classes:

rr (*rarissime*) — very rare, 1–2 localities

r (*rare*) — rare, 3–5 localities

st r (*sat rare*) — rather rare, 6–10 localities

st fq (*sat frequenter*) — rather frequent, 11–20 localities

fq (*frequenter*) — frequent, 21–50 localities

fqq (*frequentissime*) — very frequent, 51 or more localities

Com. — subjective comments concerning the distribution of some species

Specimens checked are kept in the following herbaria:

H — Botanical Museum, University of Helsinki

ICEB — International Centre for Environmental Biology, Tallinn University of Educational Sciences

IE — Institute of Ecology, Tallinn University of Educational Sciences

LD — Botanical Museum, Lund University

RIG — University of Latvia, Riga

S — Swedish Museum of Natural History, Stockholm

TAA — Institute of Zoology and Botany, Estonian Agricultural University, Tartu

TAL — Estonian Nature Museum, Tallinn

TBA — Tallinn Botanical Gardens

TU — Institute of Botany and Ecology, University of Tartu

UPS — Botanical Museum, Uppsala University

# Checklist of lichenized, lichenicolous and allied fungi of Estonia

## **ABROTHALLUS** De Not. – 3

### #**BERTIANUS** De Not. – TU

Ecol.: lichenicolous on thallus of *Melanelia olivacea*

Distr.: NE, SW

Freq.: rr

### #**PARMELIARUM** (Sommerf.) Arnold – TU

(teleomorphic; anamorph: *Vouauxiomyces santessonii?*)

Ecol.: lichenicolous on *Parmelia saxatilis* & *P. sulcata*

Distr.: NE, WIs

Freq.: rr

### #**SUECICUS** (Kircscst.) Nordin – TU

(teleomorphic; anamorph: *Vouauxiomyces ramalinae?*)

Ecol.: lichenicolous on apothecia of *Ramalina fraxinea*

Distr.: NE, SE, SW, WIs

Freq.: r

## **ACAROSPORA** A. Massal. – 11

### **CERVINA** A. Massal. – ICEB, TU, UPS

Ecol.: saxicolous on calcareous rocks

Distr.: NE, SW, WIs

Freq.: st r

### **FUSCATA** (Nyl.) Arnold – ICEB, LD, TAL, TU

Ecol.: saxicolous on granite

Distr.: NW, SE, WIs

Freq.: st fq

### **GLAUCOCARPA** (Ach.) Körb. – ICEB, TU, UPS

Ecol.: saxicolous on calcareous rocks

Distr.: NW, SW, WIs

Freq.: r

### **HEPPII** (Nägeli ex Hepp) Nägeli – ICEB, TU

Ecol.: saxicolous on calcareous rocks

Distr.: NW, SE, WIs

Freq.: r

### ?**INSOLATA** H. Magn. – Bruttan, 1889

Ecol.: saxicolous on granite

Distr.: SE

Freq.: rr

### **MACROSPORA** (Hepp.) A. Massal. ex Bagl. – ICEB, LD, TU, UPS

Ecol.: saxicolous on calcareous rocks

Distr.: NW, WIs

Freq.: st r

### \***OLIGOSPORA** (Nyl.) Arnold – TU

Ecol.: saxicolous on calcareous rocks

Distr.: WIs

Freq.: rr

**SINOPIKA** (Wahlenb.) Kõrb. – TBA

Ecol.: saxicolous on granite

Distr.: NW

Freq.: rr

**SMARAGDULA** (Wahlenb.) A. Massal. – ICEB, TU

Ecol.: saxicolous on granite

Distr.: NW, SE

Freq.: r

**VERONENSIS** A. Massal. – ICEB, LD, TU

Ecol.: saxicolous on granite, sometimes on calcareous rocks

Distr.: NW, SW, WIs

Freq.: st r

**VERSICOLOR** Bagl. & Carestia – ICEB

Ecol.: saxicolous on granite

Distr.: WIs

Freq.: rr

**ACROCORDIA** A. Massal. – 3

Est.: kühmsamblik

**CAVATA** (Ach.) R. C. Harris – ICEB, S, TU, UPS

Est.: väike kühmsamblik

Ecol.: corticolous on deciduous trees

Distr.: NW, NE, SE, SW, WIs

Freq.: st fq

**?CONOIDEA** (Fr.) Kõrb. – Bruttan, 1870

Ecol.: saxicolous on calcareous rocks

Distr.: WIs

Freq.: rr

**GEMMATA** (Ach.) A. Massal. – ICEB, LD, S, TU, UPS

Est.: suur kühmsamblik

Syn.: *Acrocordia alba* (Schrad.) de Lesd.*Acrocordia glauca* Kõrb.*Acrocordia sphaeroides* (Wallr.) Arn.Ecol.: corticolous on deciduous trees (*Acer*, *Quercus*, *Ulmus*)

Distr.: NW, NE, SE, SW, WIs

Freq.: fq

**ADELOLECIA** Hertel & Hafellner – 1\* **KOLAËNSIS** (Nyl.) Hertel & Rambold – HSyn.: *Lecidea conferenda* Nyl.*Lecidea kolaënsis* Nyl.

Ecol.: saxicolous on granite

Distr.: NW

Freq.: rr

**AGONIMIA** Zahlbr. – 1**TRISTICULA** (Nyl.) Zahlbr. – LD, S, TUSyn.: *Polyblastia tristicula* (Nyl.) Arnold

Ecol.: on mosses growing on calcareous rocks

Distr.: WIs

Freq.: r



**ALECTORIA** Ach. – 1

Est.: tuustsamblik

**SARMENTOSA** (Ach.) Ach. – ICEB, TU

Est.: oksa-tuustsamblik

Ecol.: corticolous on coniferous trees

Distr.: NW, NE, WIs

Freq.: r

**AMANDINEA** M. Choisy – 2**CONIOPS** (Wahlenb.) Scheid. & H. Mayrhofer – TBA, TUSyn.: *Buellia coniops* (Wahlenb.) Th. Fr.

Ecol.: saxicolous on seashore granite rocks

Distr.: NW, WIs

Freq.: st r

**PUNCTATA** (Hoffm.) Coppins & Scheid. – IE, S, TBA, TU, UPSSyn.: *Buellia punctata* (Hoffm.) A. Massal.

Ecol.: corticolous on deciduous and coniferous trees or saxicolous on granite, rarely lignicolous

Distr.: NW, NE, SE, SW, WIs

Freq.: fq

**AMYGDALARIA** Norman – 1\* **PANAEOLA** (Ach.) Hertel & Brodo – RIGSyn.: *Huilia panaeola* (Ach.) Hertel*Lecidea panaeola* Ach.

Ecol.: saxicolous on granite

Distr.: WIs

Freq.: rr

**ANAPTYCHIA** Körb. – 2 + 1

Est.: ripssamblik

**CILIARIS** (L.) Körb.var. **CILIARIS** – IE, S, TBA, TU, UPS

Est.: harilik ripssamblik

Syn.: *Physcia ciliaris* L.

Ecol.: corticolous on deciduous trees

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

var. **MELANOSTICTA** (Ach.) Boistel – IE, TU

Est.: meri-ripssamblik

Syn.: *Anaptychia mamillata* (Taylor) D. Hawksw.*Anaptychia melanosticta* (Ach.) Trass

Ecol.: saxicolous on granite and calcareous rocks, rarely lignicolous on seashore

Distr.: NW, WIs

Freq.: st fq

**RUNCINATA** (With.) J. R. Laundon – TU

Est.: tõmmu ripssamblik

Syn.: *Anaptychia fusca* (Huds.) Vain.

Ecol.: saxicolous on granite in marine zone

Distr.: NW

Freq.: rr

**ANISOMERIDIUM** (Müll. Arg.) M. Choisy – 2**BIFORME** (Borrer & Sowerb.) R. C. Harris – TUSyn.: *Arthopyrenia biformis* (Borrer) A. Massal.*Microthelia micula* (Flot.) Körb.Ecol.: corticolous on deciduous trees (*Alnus glutinosa*)

Distr.: SW

Freq.: rr

**NYSSIGENUM** (Ellis & Everh.) R. C. Harris – S, UPSEcol.: corticolous at bases of deciduous trees (*Fraxinus*)

Distr.: NW, WIs

Freq.: rr

**ARCTOPARMELIA** Hale – 2

Est.: põhjasamblik

**CENTRIFUGA** (L.) Hale – IE, TU

Est.: sõõr-põhjasamblik

Syn.: *Parmelia centrifuga* (L.) Ach.

Ecol.: saxicolous on granite in marine zone

Distr.: NW, NE, WIs

Freq.: st fq

**INCURVA** (Pers.) Hale – ICEB, TU

Est.: pais-põhjasamblik

Syn.: *Parmelia incurva* (Pers.) Fr.

Ecol.: saxicolous on granite in marine zone

Distr.: NW, WIs

Freq.: st fq

**ARTHONIA** Ach. – 14

Est.: tähnsamblik

**APATETICA** (A. Massal.) Th. Fr. – SSyn.: *Allarthonia excilis* auct.?*Arthonia excilis* auct.?Ecol.: corticolous on coniferous trees (*Pinus*)

Distr.: WIs

Freq.: rr

**BYSSACEA** (Weigel) Almq. – LD, S, TU

Ecol.: corticolous on deciduous trees, rarely on coniferous trees

Distr.: NW, NE, SE, WIs

Freq.: st r

**DIDYMA** Körb. – SEcol.: corticolous on deciduous trees (*Quercus*)

Distr.: WIs

Freq.: rr

**DISPERSA** (Schrad.) Nyl. – TU, UPS

Ecol.: corticolous on deciduous trees

Distr.: NE, WIs

Freq.: r

**INCARNATA** Th. Fr. ex Almq. – TUEcol.: corticolous on coniferous trees (*Picea*)

Distr.: SW

Freq.: rr

**LAPIDICOLA** (Taylor) Branth. & Rostr. – ICEB, TU

Ecol.: saxicolous on calcareous rocks

Distr.: NW

Freq.: rr

**LEUCOPELLAEA** (Ach.) Almq. – ICEB, TU

Est.: valkjas tähnsamblik

Ecol.: corticolous on coniferous (*Picea*) and deciduous trees (*Betula*)

Distr.: NE, SE, SW, WIs

Freq.: fq

Com.: probably distributed in all regions

**MEDIELLA** Nyl. – LD, S, TU, UPS

Ecol.: corticolous on deciduous trees

Distr.: NW, NE, SE, SW, WIs

Freq.: st r

**MUSCIGENA** Th. Fr. – S, TUSyn.: *Arthonia leucodontis* (Döbbeler & Poelt) CoppinsEcol.: on mosses at base of deciduous trees (*Quercus*)

Distr.: WIs

Freq.: rr

**PATELLULATA** Nyl. – TUEcol.: corticolous on deciduous trees (*Populus tremula*)

Distr.: SE, SW

Freq.: rr

**PUNCTIFORMIS** Ach. – LD, S, TU

Ecol.: corticolous on deciduous trees

Distr.: NW, NE, SE, SW, WIs

Freq.: st r

**RADIATA** (Pers.) Ach. – S, TBA, TUEcol.: corticolous on deciduous trees (*Alnus*, *Quercus*, *Fraxinus* etc.)

Distr.: NW, NE, SE, SW, WIs

Freq.: fq

**SPADICEA** Leight. – LD, S, TUSyn.: *Arthonia lurida* Ach. s. str.Ecol.: corticolous on deciduous (*Alnus*) and coniferous trees (*Picea*)

Distr.: NE, SE, SW

Freq.: st fq

**VINOSA** Leight. – S, TU

Est.: puna-tähnsamblik

Syn.: *Arthonia lurida* auct.Ecol.: corticolous on coniferous trees (*Picea*), rarely on deciduous trees (*Tilia*)

Distr.: NW, NE, SE, SW, WIs

Freq.: st fq

**ARTHOPYRENIA** A. Massal. – 7

Est.: süvisamblik

**ANTECELLENS** (Nyl.) Arnold – S

Ecol.: corticolous on deciduous trees

Distr.: WIs

Freq.: rr

**CERASI** (Schrad.) A. Massal. – LD

Ecol.: corticolous on deciduous trees

Distr.: WIs

Freq.: rr

\* **CINEROPRUINOSA** (Schaer.) A. Massal. – TU

Ecol.: corticolous on deciduous trees

Distr.: SE

Freq.: rr

**GRISEA** (Schleich. ex Schaer.) Körb. – TUEcol.: corticolous on deciduous (*Betula*) and coniferous trees (*Picea*)

Distr.: NW, SE

Freq.: rr

**LAPPONINA** Anzi – TU, UPSSyn.: *Arthopyrenia fallax* (Nyl.) ArnoldEcol.: corticolous on deciduous trees (*Betula*)

Distr.: WIs

Freq.: rr

**PUNCTIFORMIS** (Pers.) A. Massal. – LD, S, TU

Ecol.: corticolous on smooth bark of deciduous trees

Distr.: NW, WIs

Freq.: r

\* **RHYPONTA** (Ach.) A. Massal. – TU

Ecol.: corticolous on deciduous trees

Distr.: NW

Freq.: rr

**ARTHOTHELIUM** A. Massal. – 3**RUANUM** (A. Massal.) Zwackh – LD, S, TU

Ecol.: corticolous on deciduous trees

Distr.: NW, NE, SE, WIs

Freq.: st fq

+**SCANDINAVICUM** Th. Fr. – TU

Ecol.: corticolous on coniferous trees

Distr.: NE, SE, SW

Freq.: str

**SPECTABILE** Flot. ex A. Massal. – TU

Ecol.: corticolous on deciduous trees

Distr.: NW, SW

Freq.: rr

**ARTHORRHAPHIS** Th. Fr. – 1? **CITRINELLA** (Ach.) Poelt – Mereschkowski, 1913Syn.: *Bacidia citrinella* (Ach.) Branth & Rostr.*Bacidia flavovirescens* (Dicks.) Anzi

Ecol.: on soil and on mosses

Distr.: NW

Freq.: rr

**ARTHROSPORUM** A. Massal. – 1**POPULORUM** A. Massal. – ICEB, TUSyn.: *Bacidia acclinis* (Flot.) Zahlbr.*Bacidia populorum* (A. Massal.) Trevis.

Ecol.: corticolous on deciduous trees

Distr.: NW, NE, SE

Freq.: r

**ASPICILIA** A. Massal. **13 + 1**

Est.: lehtersamblik

**CAESIOCINEREA** (Nyl. ex Malbr.) Arnold – ICEB, TAL, TU

Ecol.: saxicolous on granite

Distr.: NW, WIs

Freq.: st r

**CALCAREA** (L.) Mudd – ICEB, IE, LD, TU

Est.: lubi-lehtersamblik

Ecol.: saxicolous on calcareous rocks

Distr.: NW, WIs

Freq.: st fq

**CINEREA** (L.) Körb. – ICEB, LD, S, TAL, TU

Est.: hall lehtersamblik

Ecol.: saxicolous on granite rocks, very rarely on calcareous rocks

Distr.: NW, NE, SE, WIs

Freq.: fq

Com.: probably distributed in all regions

**CONTORTA** (Hoffm.) Kremp.ssp. **CONTORTA** – LD, S, TU

Ecol.: saxicolous on calcareous rocks

Distr.: NE, SE, WIs

Freq.: r

ssp. **HOFFMANNIANA** Ekman & Fröberg – ICEB, LD, TAL, TU

Ecol.: saxicolous on calcareous rocks, rarely on granite

Distr.: NW, NE, SE, SW, WIs

Freq.: fq

**GIBBOSA** (Ach.) Körb. – TU

Ecol.: saxicolous on granite

Distr.: WIs

Freq.: rr

**GRISEA** Arnold – TU

Ecol.: saxicolous on granite

Distr.: WIs

Freq.: rr

\* **INSOLATA** (H. Magn.) Hav. – TU

Ecol.: saxicolous on granite

Distr.: WIs

Freq.: rr

**LEPROSESCENS** (Sandst.) Hav. – LD, TU

Ecol.: saxicolous on granite

Distr.: WIs

Freq.: rr

**MOENIUM** (Vain.) G. Thor & Timdal – ICEB, LD, S, TU, UPSSyn.: *Aspicilia excavata* G. Thor & Timdal

Ecol.: saxicolous on calcareous substrata (mortar)

Distr.: NW, SE, SW, WIs

Freq.: st r

? **OBSCURATA** (Fr.) Arnold – Trass, 1970

Ecol.: saxicolous on granite

Distr.: NW

Freq.: rr

**SIMOËNSIS** Räsänen – ICEB, TU

Ecol.: saxicolous on granite

Distr.: NW, NE, SE, WIs

Freq.: st r

**VERRUCIGERA** Hue – TU

Ecol.: saxicolous on granite

Distr.: NW, NE, SW, WIs

Freq.: st r

\* **XYLOXENA** (H. Magn.) comb. inedit. – TUSyn.: *Lecanora xyloxena* H. Magn.

Ecol.: lignicolous

Distr.: NW

Freq.: rr

**ATHELIA** Pers. emend. Donk – 1#**ARACHNOIDEA** (Berk.) Jülich – TAA, UPS

Est.: parasiitnahkis

Ecol.: lichenicolous on *Xanthoria*, *Anaptychia*, *Melanelia* etc.

Distr.: NW, NE, SE, SW, WIs

Freq.: fq

**BACIDIA** De Not. – 14

Est.: möhnsamblik

**ARCEUTINA** (Ach.) Arnold – LD, S, TU

Ecol.: corticolous on deciduous and coniferous trees

Distr.: SE, SW, WIs

Freq.: st fq

**BAGLIETTOANA** (A. Massal. & De Not.) Jatta – ICEB, LD, S, TUSyn.: *Bacidia muscorum* (Sw.) Mudd.

Ecol.: on mosses and plant debris

Distr.: NW, NE, SE, SW, WIs

Freq.: st fq

‘**BECKHAUSII**’ Korb. – TBA, TU, UPS

Ecol.: corticolous on deciduous trees

Distr.: SE, SW, WIs

Freq.: st r

**CIRCUMSPECTA** (Nyl. ex Vain.) Malme – TU, UPS

Ecol.: lignicolous

Distr.: WIs

Freq.: rr

**FRAXINEA** Lönnr. – LD, S, TBA, TAL, TU

Est.: saare-möhnsamblik

Ecol.: corticolous on deciduous trees, rarely on *Picea abies*

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

‘**GLOBULOSA**’ (Flörke) Hafellner & V. Wirth – ICEB, LD, S, TBA, TUSyn.: *Catillaria globulosa* (Flörke) Th. Fr.

Ecol.: corticolous on deciduous trees, rarely on coniferous trees

Distr.: NW, NE, SE, SW, WIs

Freq.: st fq

\* **FUSCOVIRIDIS** (Anzi) Lettau – H, TU

Ecol.: on calcareous rocks

Distr.: NW, WIs

Freq.: rr

- \* **HERBARUM** (Stiz.) Arnold – H, TU  
 Ecol.: on mosses  
 Distr.: NW  
 Freq.: r
- INCOMPTA** (Borrer ex Hook.) Anzi – TU  
 Ecol.: corticolous on *Ulmus glabra*  
 Distr.: WIs  
 Freq.: rr
- LAUROCERASI** (Delise ex Duby) Zahlbr. – TU  
 Syn.: *Bacidia atrogrisea* (Delise ex Hepp) Körb.  
 Ecol.: corticolous on *Populus tremula*  
 Distr.: SE  
 Freq.: rr
- POLYCHROA** (Th. Fr.) Körb. – ICEB, LD, TAL, TU  
 Syn.: *Bacidia acerina* (Ach.) Arnold  
*Bacidia fuscorubella* (Ach.) Bausch  
 Ecol.: corticolous on deciduous trees  
 Distr.: NW, NE, SE, SW  
 Freq.: st fq
- RUBELLA** (Hoffm.) A. Massal. – LD, S, TBA, TU, UPS  
 Est.: punakas möhnsamblik  
 Syn.: *Bacidia luteola* (Schrad.) Mudd.  
 Ecol.: corticolous on deciduous trees, rarely on *Picea abies*  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fq
- SABULETORUM** (Shreb.) Lettau – ICEB, IE, LD, S, TAL, TU  
 Syn.: *Bacidia accendens* (Arnold) Lettau  
*Bilimbia hyphnophila* (Ach.) Arnold  
*Mycobilimbia sabuletorum* (Shreb.) Hafellner  
 Ecol.: on mosses, rarely lignicolous  
 Distr.: NW, NE, SE, WIs  
 Freq.: fq  
 Com.: probably distributed in all regions
- SUBINCOMPTA** (Nyl.) Arnold – LD, S, TU  
 Syn.: *Bacidia affinis* (Stizenb.) Vain.  
 Ecol.: corticolous on deciduous and coniferous trees  
 Distr.: SE, WIs  
 Freq.: r

### **BACIDINA** Vezda – 3

- ARNOLDIANA** (Körb.) V. Wirth & Vezda – S, TU  
 Syn.: *Bacidia arnoldiana* Körb.  
 Ecol.: on mortar  
 Distr.: WIs  
 Freq.: rr
- EGENULA** (Nyl.) Vezda – TU  
 Syn.: *Bacidia egenula* (Nyl.) Arnold  
 Ecol.: saxicolous (on brick)  
 Distr.: SE  
 Freq.: rr

**PHACODES** (Körb.) Vezda – ICEB, TUSyn.: *Bacidia phacodes* Körb.

Ecol.: corticolous on deciduous trees

Distr.: NW, NE, SE, SW

Freq.: st r

**BACTROSPORA** A. Massal – 1**DRYINA** (Ach.) A. Massal. – LD, S, TU, UPSEcol.: corticolous on deciduous trees (*Quercus*)

Distr.: NW

Freq.: rr

**BAEOMYCES** Pers.: Fr. – 2

Est.: seensamblik

**CARNEUS** Flörke – TU

Est.: kahvatu seensamblik

Ecol.: on sandy soil, on sandstone cliffs

Distr.: NW, SE

Freq.: r

**RUFUS** (Huds.) Rebent. – TAL, TU

Est.: pruun seensamblik

Ecol.: on sandy soil, on sandstone cliffs

Distr.: NW, NE, SE, SW, WIs

Freq.: fq

**BAGLIETTOA** A. Massal. – 1**STEINERI** (Kušan) Vezda – LD, TUSyn.: *Verrucaria steineri* Kušan

Ecol.: saxicolous on calcareous rocks

Distr.: WIs

Freq.: rr

**BELLEMERIA** Hafellner & Cl. Roux – 2**ALPINA** (Sommerf.) Clauzade & Cl. Roux – TUSyn.: *Aspicilia alpina* (Sommerf.) Arnold

Ecol.: saxicolous on granite

Distr.: NW, WIs

Freq.: rr

? **CINERORUFESCENS** (Ach.) Clauzade & Cl. Roux – Bruttan, 1870Syn.: *Aspicilia cinereorufescens* (Ach.) A. Massal.

Ecol.: saxicolous on granite

Distr.: SE

Freq.: rr

**BIATORA** Fr. – 5**CHRYSANTHA** (Zahlbr.) Printzen – SSyn.: *Lecidea chrysantha* Zahlbr.*Lecidea epixanthoidiza* auct. non. (Nyl.) Räsänen

Ecol.: corticolous on deciduous trees and on epiphytic mosses

Distr.: NW

Freq.: rr



**EFFLORESCENS** (Hedl.) Räsänen – H, LD, S, TUSyn.: *Lecidea efflorescens* (Hedl.) Erichsen*Lecidea epixanthoidiza* Nyl.,Ecol.: corticolous on deciduous (*Tilia*, *Alnus*, *Betula*) and coniferous trees (*Picea*)

Distr.: NW, SE, SW, WIs

Freq.: st r

**HELVOLA** Körb. – TUSyn.: *Lecidea helvola* (Körb.) Hedl.

Ecol.: corticolous on deciduous trees

Distr.: NW, NE, SE, SW, WIs

Freq.: fq

**OCELLIFORMIS** (Nyl.) Arnold – TUSyn.: *Biatora atroviridis* (Arnold) Hellb.*Lecidea atroviridis* (Arnold) Th. Fr.

Ecol.: corticolous on deciduous trees

Distr.: SE, WIs

Freq.: st r

**VERNALIS** (L.) Fr. – TU, UPSSyn.: *Lecidea vernalis* (L.) Ach.*Pyrrhospora vernalis* (L.) M. Choisy

Ecol.: on mosses

Distr.: NW, SE, SW, WIs

Freq.: st r

**BIATORIDIUM** J. Lahm – 1**MONASTERIENSE** J. Lahm ex Körb. – LD, S, TUSyn.: *Biatorella monasteriensis* (J. Lahm ex Körb.) J. LahmEcol.: corticolous on deciduous trees (*Fraxinus*)

Distr.: WIs

Freq.: rr

**BIATOROPSIS** Räsänen – 1#**USNEARUM** Räsänen – ICEB, TUEcol.: lichenicolous on thallus of *Usnea*

Distr.: NW, SE, SW, WIs

Freq.: st r

**BRYORIA** Brodo & D. Hawksw. – 10

Est.: narmassamblik

? **BICOLOR** (Ehrh.) Brodo & D. Hawksw. – Pärn, 1988

Est.: kahevärviline narmassamblik

Syn.: *Alectoria bicolor* (Ehrh.) Nyl.

Ecol.: corticolous on coniferous trees, on mossy rocks

Distr.: NW

Freq.: rr

**CAPILLARIS** (Ach.) Brodo & D. Hawksw. – ICEB, IE, S, TAL, TU

Est.: peen narmassamblik

Syn.: *Alectoria capillaris* (Ach.) Cromb.*Alectoria implexa* auct. non Hoffm.*Alectoria setacea* (Ach.) Mot.*Bryoria setacea* (Ach.) Brodo & D. Hawksw.Ecol.: corticolous on coniferous (*Picea*, rarely *Pinus*, *Juniperus*) and deciduous trees (*Betula*), occasionally lignicolous

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**CHALYBEIFORMIS** (L.) Brodo & D. Hawksw. – ICEB, TU

Est.: pundar-narmassamblik  
 Syn.: *Alectoria chalybeiformis* (L.) Gray  
 Ecol.: on granite rocks and ground  
 Distr.: NW, WIs  
 Freq.: r

**FURCELLATA** (Fr.) Brodo & D. Hawksw. – ICEB, TU

Est.: nõel-narmassamblik  
 Ecol.: corticolous on coniferous trees (*Pinus*)  
 Distr.: NW  
 Freq.: rr

**FUSCESCENS** (Gyeln.) Brodo & D. Hawksw. – ICEB, IE, S, TAL, TU

Est.: pruunikas narmassamblik  
 Syn.: *Alectoria fuscescens* Gyeln.  
*Alectoria jubata* auct.  
*Alectoria positiva* (Gyeln.) Motyka  
 Ecol.: corticolous on coniferous (*Pinus*, *Picea*) and deciduous trees (*Betula*), sometimes lignicolous or saxicolous  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq

**IMPLEXA** (Hoffm.) Brodo & D. Hawksw. – ICEB, TAL, TU

Est.: tuhm narmassamblik  
 Syn.: *Alectoria implexa* (Hoffm.) Nyl.  
*Bryoria osteola* (Gyeln.) Brodo & D. Hawksw.  
*Bryoria pseudofuscescens* (Gyeln.) Brodo & D. Hawksw.  
*Bryoria vrangiana* (Gyeln.) Brodo & D. Hawksw.  
 Ecol.: corticolous on coniferous trees (*Picea*, *Pinus*), rarely lignicolous  
 Distr.: NW, NE, SE, WIs  
 Freq.: st fq

**INTRICANS** (Vain.) Brodo & D. Hawksw. – TU

Est.: lamav narmassamblik  
 Syn.: *Alectoria chalybeiformis* f. *intricans* Vain.  
*Alectoria intricans* (Vain.) Mot.  
 Ecol.: on granite rocks, rarely lignicolous  
 Distr.: NW, NE, SE, WIs  
 Freq.: st r

**NADVORNIKIANA** (Gyeln.) Brodo & D. Hawksw. – ICEB, TU

Est.: Nadvorniki narmassamblik  
 Syn.: *Alectoria altaica* (Gyeln.) Räsänen  
*Alectoria nadvornikiana* Gyeln.  
 Ecol.: corticolous on coniferous trees (*Picea*, *Pinus*), rarely lignicolous or saxicolous  
 Distr.: NW, SE, WIs  
 Freq.: st fq

**SIMPLICIOR** (Vain.) Brodo & D. Hawksw. – TU

Est.: puhmik-narmassamblik  
 Syn.: *Alectoria nidulifera* f. *simplicior* Vain.  
*Alectoria simplicior* (Vain.) Lynge  
 Ecol.: on sandstone cliffs  
 Distr.: SE  
 Freq.: rr

**SUBCANA** (Nyl. ex Stizenb.) Brodo & D. Hawksw. – ICEB, TU

Est.: hall narmassamblik

Syn.: *Alectoria prolixa* var. *subcana* Nyl. ex Stizenb.

*Alectoria subcana* (Nyl. ex Stizenb.) Gyeln.

Ecol.: corticolous on coniferous (*Picea*, *Pinus*, *Juniperus*), rarely on deciduous trees  
(*Betula*, *Salix*)

Distr.: NW, NE, SE, WIs

Freq.: st fq

**BUELLIA** De Not. – 10

Est.: nuppsamblik

**AETHALEA** (Ach.) Th. Fr. – TBA, TU

Ecol.: saxicolous on granite

Distr.: NW

Freq.: rr

**ARNOLDII** Servit – TU

Ecol.: corticolous on coniferous and deciduous trees

Distr.: NW, NE, SE, SW

Freq.: st r

?**BADIA** (Fr.) A. Massal. – Heugel, 1869

Ecol.: saxicolous on granite

Distr.: WIs

Freq.: rr

**DISCIFORMIS** (Fr.) Mudd – ICEB, S, TU

Syn.: *Buellia triphragmia* [= *Buellia lauricassiae* auct. scand.] sensu Räsänen

Ecol.: corticolous on deciduous trees, rarely on coniferous trees

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**ERUBESCENS** Arnold – TU

Ecol.: corticolous on deciduous trees

Distr.: NE, SE, WIs

Freq.: st fq

**GRISEOVIRENS** (Turner & Borrer ex Sm.) Almb. – ICEB, IE, LD, S, TU

Ecol.: corticolous on deciduous trees, rarely on coniferous trees

Distr.: NW, NE, SE, SW, WIs

Freq.: fq

?**INSIGNIS** (Nägeli ex Hepp) Th. Fr. – Mereschkowski, 1913; Trass, 1970

Ecol.: on mosses

Distr.: NW, NE

Freq.: r

**PHARCIDIA** (Ach.) Malme – TU

Syn.: *Buellia alboatra* var. *leucoselis* sensu Malme

*Buellia zabortica* (Körb.) Räsänen

Ecol.: corticolous on deciduous trees

Distr.: NE, WIs

Freq.: r

**SCHAERERI** De Not. – ICEB, IE, LD, TBA, TU

Ecol.: corticolous on coniferous trees, rarely lignicolous

Distr.: NW, NE, SW, WIs

Freq.: st r

**VIOLACEOFUSCA** G. Thor & Muhr – UPS

Ecol.: corticolous on deciduous trees

Distr.: WIs

Freq.: rr

**BYSSOLOMA** Trevis. – 1**SUBDISCORDANS** (Nyl.) P. James – ICEBEcol.: corticolous (on *Populus*)

Distr.: NE

Freq.: rr

**CALICIUM** Pers. – 9

Est.: jalgsamblik

**ABIETINUM** Pers.– TU

Ecol.: lignicolous, corticolous on coniferous trees

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**ADSPERSUM** Pers. – IE, S, TU, UPS

Ecol.: corticolous on coniferous and deciduous trees

Distr.: NW, SE, WIs

Freq.: st r

**DENIGRATUM** (Vain.) Tibell – TU

Ecol.: lignicolous on wood of coniferous trees

Distr.: WIs

Freq.: rr

**GLAUCELLUM** Ach. – LD, S, TU

Ecol.: corticolous on coniferous trees, lignicolous

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**PARVUM** Tibell – IE, TBA, TU

Ecol.: corticolous on coniferous trees

Distr.: NW, NE, SE, SW, WIs

Freq.: st fq

**QUERCINUM** Pers. – H, TU

Ecol.: corticolous and lignicolous on deciduous trees

Distr.: NW, NE, SE, SW, WIs

Freq.: st fq

**SALICINUM** Pers. – S, TU

Ecol.: corticolous on deciduous trees, lignicolous

Distr.: NW, NE, SE, SW, WIs

Freq.: fq

**TRABINELLUM** (Ach.) Ach. – TU

Ecol.: lignicolous and rarely corticolous on coniferous trees

Distr.: NW, NE, SE

Freq.: fq

**VIRIDE** Pers. – H, ICEB, IE, S, TAL, TBA, TU

Est.: roheline jalgsamblik

Ecol.: corticolous and lignicolous on coniferous and deciduous trees

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**CALOPLACA** Th. Fr. – 38

Est.: kuldsamblik

**ALOCIZA** (A. Massal.) Mig. – SSyn.: *Caloplaca agardhiana* (A. Massal.) Clauzade & Cl. Roux

Ecol.: saxicolous on calcareous rocks

Distr.: WIs

Freq.: rr

**AMMIOSPILA** (Wahlenb.) H. Olivier – TUSyn.: *Caloplaca cinnamomea* (Th. Fr.) H. Olivier

Ecol.: on mosses and plant debris

Distr.: (locality unknown)

Freq.: rr

\* **ATROFLAVA** (Turner) Mong. – TUSyn.: *Caloplaca turneriana* (Ach.) H. Olivier

Ecol.: saxicolous on granite

Distr.: WIs

Freq.: rr

**BIATORINA** (A. Massal.) J. Steiner – UPS

Est.: lõuna-kuldsamblik

Syn.: *Caloplaca baumgartneri* Zahlbr.

Ecol.: saxicolous on calcareous rocks

Distr.: NW

Freq.: rr

**CERINA** (Ehrh. ex Hedw.) Th. Fr. – ICEB, IE, LD, TU, UPS,

Est.: hall kuldsamblik

Syn.: *Caloplaca gilva* (Hoffm.) Zahlbr.*Caloplaca stillicidiorum* (Vahl) LyngeEcol.: corticolous on deciduous trees (*Fraxinus*, *Populus*, *Sorbus* etc.), lignicolous, also on mosses and plant debris

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**CERINELLA** (Nyl.) Flagey – TU

Ecol.: corticolous on deciduous trees

Distr.: SE

Freq.: rr

**CERINELLOIDES** (Erichsen) Poelt – ICEB, TUEcol.: corticolous on deciduous trees (*Populus*, *Betula*), rarely on coniferous trees (*Pinus*)

Distr.: NW, SE, SW, WIs

Freq.: st r

**CHALYBAEA** (Fr.) Müll. Arg. – RIG

Ecol.: saxicolous on calcareous rocks

Distr.: WIs

Freq.: rr

**CHLORINA** (Flot.) Sandst. – ICEB, LD, TUSyn.: *Caloplaca cerina* var. *chlorina* (Flot.) Müll. Arg.

Ecol.: saxicolous on granite and corticolous on deciduous trees

Distr.: NE, SE, WIs

Freq.: st r

**CHRYSODETA** (Vain. ex Räsänen) Dombr. – TUSyn.: *Leproplaca chrysodeta* (Vain. ex Räsänen) J. R. Laundon

Ecol.: saxicolous on calcareous rocks and sandstone

Distr.: NW, NE, SE

Freq.: st r

**CHRYSOPHTHALMA** Degel. – S, TU

Ecol.: corticolous on deciduous trees

Distr.: NW, WIs

Freq.: r

- CITRINA** (Hoffm.) Th. Fr. – ICEB, IE, LD, S, TAL, TU, UPS  
 Ecol.: saxicolous on calcareous rocks, mortar, sandstone; rarely lignicolous or corticolous  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fq
- CORONATA** (Kremp. ex Körb.) J. Steiner – TU  
 Ecol.: saxicolous on calcareous rocks  
 Distr.: WIs  
 Freq.: rr
- DECIPIENS** (Arnold) Blomb. & Forsell – ICEB, LD, TAL, TU  
 Est.: köber-kuldsamblik  
 Ecol.: saxicolous on calcareous rocks, mortar etc.  
 Distr.: NW, NE, SE, WIs  
 Freq.: fq  
 Com.: probably distributed in all regions
- DOLOMITICOLA** (Hue) Zahlbr. – TU  
 Ecol.: saxicolous on calcareous rocks  
 Distr.: WIs  
 Freq.: rr
- ?**ERYTHROCARPA** (Pers.) Zwackh – Räsänen, 1931  
 Syn.: *Caloplaca tallavei* (Clemente ex Ach.) Flagey  
 Ecol.: saxicolous on calcareous substrata  
 Distr.: NE  
 Freq.: rr
- FERRUGINEA** (Huds.) Th. Fr. – LD, TU  
 Ecol.: corticolous on *Juniperus communis*  
 Distr.: WIs  
 Freq.: r
- FLAVORUBESCENS** (Huds.) J. R. Laundon – ICEB, LD, S, TAL, TU  
 Est.: tava-kuldsamblik  
 Syn.: *Caloplaca aurantiaca* (Lightf.) Th. Fr.  
 Ecol.: corticolous on deciduous trees, rarely on coniferous trees (*Pinus sylvestris*), occasionally lignicolous  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq
- #**GRIMMIAE** (Nyl.) H. Olivier – UPS  
 Ecol.: lichenicolous on *Candelariella vitellina* (on granite)  
 Distr.: WIs  
 Freq.: rr
- HERBIDELLA** (Hue) H. Magn. – TU, UPS  
 Ecol.: corticolous on deciduous trees (*Fraxinus*, *Quercus*)  
 Distr.: WIs  
 Freq.: rr
- HOLOCARPA** (Hoffm. ex Ach.) A. E. Wade – ICEB, IE, LD, S, TU  
 Syn.: *Caloplaca pyracea* (Ach.) Th. Fr.  
 Ecol.: corticolous on deciduous and coniferous trees, also saxicolous and lignicolous  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fq
- JUNGERMANNIAE** (Vahl) Th. Fr. – TBA, TU  
 Ecol.: on mosses and plant debris  
 Distr.: WIs  
 Freq.: rr

- LACTEA** (A. Massal.) Zahlbr. – ICEB, IE, LD, S, TU, UPS  
 Ecol.: saxicolous on calcareous rocks  
 Distr.: NW, NE, WIs  
 Freq.: fq
- LUCIFUGA** G. Thor – S  
 Ecol.: corticolous on deciduous trees (*Quercus*)  
 Distr.: NW  
 Freq.: rr
- MARINA** (Wedd.) Zahlbr. – TU  
 Est.: meri-kuldsamblik  
 Ecol.: saxicolous on calcareous rocks, rarely on granite in supralittoral zone  
 Distr.: NW, WS  
 Freq.: st r
- MICROTHALLINA** (Wedd.) Zahlbr. – TU  
 Est.: pisi-kuldsamblik  
 Ecol.: saxicolous on calcareous rocks in supralittoral zone  
 Distr.: WIs  
 Freq.: st r
- OBSCURELLA** (Körb.) Th. Fr. – S  
 Syn.: *Caloplaca sarcopidioides* (Körb.) Zahlbr.  
 Ecol.: corticolous on deciduous trees  
 Distr.: WIs  
 Freq.: rr
- ?**RUBELLIANA** (Ach.) Lojka – Bruttan, 1870  
 Ecol.: saxicolous on granite  
 Distr.: NW  
 Freq.: rr
- SAXICOLA** (Hoffm.) Nordin – ICEB, LD, S, TAL, TU, UPS  
 Est.: müüri-kuldsamblik  
 Syn.: *Caloplaca murorum* (Ach.) Th. Fr.  
*Caloplaca pusilla* (A. Massal.) Zahlbr.  
 Ecol.: saxicolous on calcareous substrata, mortar etc., rarely on granite  
 Distr.: NW, NE, SE, WIs  
 Freq.: fq  
 Com.: probably distributed in all regions
- SCOPULARIS** (Nyl.) H. Magn. – LD, TAL, TU, UPS  
 Est.: rand-kuldsamblik  
 Ecol.: saxicolous on seashore granite rocks  
 Distr.: NW, WIs  
 Freq.: st fq
- SINAPISPERMA** (Lam. & DC.) Maheu & Gillet – LD, TU, UPS  
 Est.: kera-kuldsamblik  
 Syn.: *Blastenia leucoraea* (Ach.) Th. Fr.  
*Caloplaca leucoraea* (Ach.) Branth  
 Ecol.: on mosses and plant debris  
 Distr.: NW, WIs  
 Freq.: st fq
- SUBATHALLINA** H. Magn. – S  
 Ecol.: corticolous  
 Distr.: WIs  
 Freq.: rr

**THALLINCOLA** (Wedd.) Du Rietz – TU

Est.: ere kuldsamblik

Ecol.: saxicolous on calcareous rocks in supralittoral zone

Distr.: WIs

Freq.: r

**ULCEROSA** Coppins & P. James – LD, TUEcol.: corticolous on deciduous trees (*Acer platanoides*)

Distr.: WIs

Freq.: rr

**VARIABILIS** (Pers.) Müll. Arg. – H, ICEB, LD, TAL, TU, UPS

Ecol.: saxicolous on calcareous rocks

Distr.: NW, NE, WIs

Freq.: st fq

**VELANA** (A. Massal.) Du Rietz – ICEB, S, TU, UPS

Ecol.: saxicolous on calcareous rocks

Distr.: NW, WIs

Freq.: st r

**VERRUCULIFERA** (Vain.) Zahlbr. – TU

Est.: näsa-kuldsamblik

Ecol.: saxicolous on granite rocks in supralittoral zone

Distr.: NW, WIs

Freq.: r

**VITELLINULA** auct. – TAL, TU

Est.: kivi-kuldsamblik

Ecol.: saxicolous on granite and calcareous rocks

Distr.: NW, NE, SE, SW, WIs

Freq.: st fq

**CANDELARIA** A. Massal. – 1

Est.: leeksamblik

**CONCOLOR** (Dickson) Stein – ICEB, TAL, TBA, TU

Est.: harilik leeksamblik

Ecol.: corticolous on deciduous and coniferous trees, rarely lignicolous

Distr.: NW, NE, SE, SW

Freq.: fqq

Com.: probably distributed in all regions

**CANDELARIELLA** Müll. Arg. – 7

Est.: sädesamblik

**AURELLA** (Hoffm.) Zahlbr. – ICEB, IE, LD, S, TU

Ecol.: saxicolous on calcareous rocks and mortar

Distr.: NW, NE, SE, WIs

Freq.: fq

Com.: probably distributed in all regions

**CORALLIZA** (Nyl.) H. Magn. – S, TAL, TU

Ecol.: saxicolous on granite

Distr.: NW, NE, SE, WIs

Freq.: fq

Com.: probably distributed in all regions

**KUUSAMOËNSIS** Räsänen – TU

Ecol.: lignicolous

Distr.: NW, WIs

Freq.: rr



**REFLEXA** (Nyl.) Lettau – H, ICEB, TUEcol.: corticolous on deciduous and coniferous (*Juniperus*) trees

Distr.: NW, NE, SW, WIs

Freq.: st r

**SUPERDISTANS** (Nyl.) Malme – TUEcol.: lichenicolous on *Lecanora populicola* (on *Populus tremula*)

Distr.: NW, SE

Freq.: rr

**VITELLINA** (Hoffm.) Müll. Arg. – ICEB, IE, S, TAL, TU

Ecol.: saxicolous on granite, corticolous and sometimes lignicolous

Distr.: NW, NE, SE, SW, WIs

Freq.: fq

**XANTHOSTIGMA** (Ach.) Lettau – ICEB, IE, LD, S, TBA, TU

Ecol.: corticolous on deciduous trees, sometimes lignicolous

Distr.: NW, NE, SE, SW, WIs

Freq.: fq

**CARBONEA** (Hertel) Hertel – 1#**VITELLINARIA** (Nyl.) Hertel – ICEB, IE, TAL, TBA, TU, UPSEcol.: lichenicolous on *Candellariella vittelina*, *Candellariella sp.*

Distr.: NW, WIs

Freq.: st r

**CATAPYRENIUM** Flot. – 4

Est.: rähksamblik

**CINEREUM** (Pers.) Körb. – TU

Est.: hall rähksamblik

Syn.: *Endopyrenium cinereum* (Pers.) Oxner

Ecol.: on calciferous soil and mosses

Distr.: WIs

Freq.: r

**PILOSELLUM** Breuss – TU, UPS

Est.: karvane rähksamblik

Syn.: *Placidium pilosellum* (Breuss) Breuss

Ecol.: on calciferous soil and mosses

Distr.: WIs

Freq.: r

? **RUFESCENS** (Ach.) Breuss – Bruttan, 1870

Est.: pruunikas rähksamblik

Syn.: *Endopyrenium rufescens* (Ach.) Körb.*Placidium rufescens* (Ach.) A. Massal.

Ecol.: on calciferous soil

Distr.: WIs

Freq.: rr

**SQUAMULOSUM** (Ach.) Breuss – Bruttan, 1889

Est.: soomus-rähksamblik

Syn.: *Endopyrenium hepaticum* auct.*Placidium squamulosum* (Ach.) Breuss

Ecol.: on calciferous soil

Distr.: NW, WIs

Freq.: r

**CATILLARIA** A. Massal. – 4**CHALYBEIA** (Borrer) A. Massal. – ICEB, LD, S, TU

Ecol.: saxicolous on granite

Distr.: NW, WIs

Freq.: r

**CRYPTOPHILA** Th. Fr. & Almq. – TU

Ecol.: saxicolous on calcareous rocks

Distr.: WIs

Freq.: rr

? **MINUTA** (A. Massal.) Lettau – Bruttan, 1889Syn.: *Catillaria arnoldii* (Kremp.) Th. Fr.

Ecol.: saxicolous on calcareous rocks

Distr.: WIs

Freq.: rr

**NIGROCLAVATA** (Nyl.) Schuler – H, ICEB, TU, UPSEcol.: corticolous on coniferous (*Picea*) and deciduous trees (*Betula*, *Fraxinus*, *Quercus*, *Salix*)

Distr.: SE, WIs

Freq.: st r

**CATINARIA** Vain. – 1**ATROPURPUREA** (Schaer.) Vezda & Poelt – ICEBEcol.: lignicolous and corticolous on deciduous trees (*Populus tremula*)

Distr.: SE

Freq.: rr

**CECIDONIA** Triebel & Rambold – 1# **UMBONELLA** (Nyl.) Triebel & Rambold – TUEcol.: lichenicolous on *Lecidea lapicida* var. *lapicida*

Distr.: WIs

Freq.: rr

**CERCIDOSPORA** Körb. – 1# **EPIPOLYTROPA** (Mudd) Arnold – ICEBSyn.: *Didymella epipolytropia* (Mudd) Berl. & VoglinoEcol.: lichenicolous on *Lecanora polytropia*

Distr.: NW

Freq.: rr

**CETRARIA** Ach. – 5

Est.: käokõrv, käosamblik

**ACULEATA** (Schreb.) Fr. – ICEB, IE, TAL, TU, UPS

Est.: sarv-käosamblik, sarv-käokõrv

Syn.: *Cetraria tenuissima* (L.) Vain.*Coelocaulon aculeatum* (Schreb.) Link*Cornicularia aculeata* (Schreb.) Ach.*Cornicularia tenuissima* (L.) Räsänen

Ecol.: on sandy soil

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**ERICETORUM** Opiz – ICEB, IE, LD, TAL, TU, UPS

Est.: kitsas käokõrv, kitsas käosamblik

Syn.: *Cetraria crispa* (Ach.) Nyl.*Cetraria tenuifolia* (Retz.) R. Howe

Ecol.: on sandy soil

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**ISLANDICA** (L.) Ach. – ICEB, IE, S, TAL, TBA, TU

Est.: islandi käokõrv, islandi käosamblik

Ecol.: on soil

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**MURICATA** (Ach.) Eckfeldt – ICEB, IE, TU, UPS

Est.: põõsasjas käokõrv, põõsasjas käosamblik

Syn.: *Coelocaulon muricatum* (Ach.) J. R. Laundon*Cornicularia muricata* (Ach.) Ach.

Ecol.: on sandy soil

Distr.: NW, SE, SW, WIs

Freq.: st fq

**'SEPINCOLA'** (Ehrh.) Ach. – ICEB, IE, LD, TAL, TU

Est.: harilik käokõrv, harilik käosamblik (end. harilik oksasamblik)

Syn.: *Cetraria scutata* (Wulfen) Poetsch*Tuckermannopsis sepincola* (Ehrh.) HaleEcol.: corticolous on coniferous trees (most often on *Juniperus*), also on deciduous trees (*Betula*), rarely lignicolous

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**CETRELIA** W. L. Culb. & C. F. Culb. – 2

Est.: helksamblik

**CETRARIOIDES** (Delise ex Duby) W. L. Culb. & C. F. Culb. – TU

Est.: harilik helksamblik

Syn.: *Parmelia cetrarioides* (Delise ex Duby) Nyl.

Ecol.: corticolous on living and fallen trees

Distr.: NE, SE

Freq.: rr

**OLIVETORUM** (Nyl.) W. L. Culb. & C. F. Culb. – TU

Est.: oliiv-helksamblik

Ecol.: corticolous on living and fallen trees

Distr.: SE

Freq.: rr

**CHAENOTHECA** (Th. Fr.) Th. Fr. – 15

Est.: varjusamblik

**BRACHYPODA** (Ach.) Tibell – TBA, TU

Est.: kahvatu varjusamblik

Syn.: *Coniocybe brachypoda* Ach.*Coniocybe sulphurea* (Retz.) Nyl.

Ecol.: corticolous and lignicolous on deciduous trees, rarely on coniferous trees

Distr.: NW, NE, SE, WIs

Freq.: fq

Com.: probably distributed in all regions

**BRUNNEOLA** (Ach.) Müll. Arg. – TU, UPS

Ecol.: lignicolous, rarely corticolous on coniferous trees

Distr.: NW, NE, SE, WIs

Freq.: fq

Com.: probably distributed in all regions

- CHLORELLA** (Ach.) Müll. Arg. – LD, TBA, TU  
 Est.: roheline varjusamblik  
 Syn.: *Chaenotheca carthusiae* (Harm.) Lettau  
 Ecol.: lignicolous, rarely corticolous on coniferous and deciduous trees  
 Distr.: NW, NE, SE, WIs  
 Freq.: st fq
- CHRYSOCEPHALA** (Turner ex Ach.) Th. Fr. – ICEB, IE, LD, S, TAL, TBA, TU, UPS  
 Est.: kollane varjusamblik  
 Ecol.: corticolous and lignicolous on coniferous and deciduous trees  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq
- CINEREA** (Pers.) Tibell – TU  
 Syn.: *Calicium schaereri* De Not.  
*Chaenotheca schaereri* (De Not.) Zahlbr.  
 Ecol.: corticolous on deciduous trees  
 Distr.: SE  
 Freq.: rr
- FERRUGINEA** (Turner & Borrer) Mig. – ICEB, IE, LD, S, TBA, TU  
 Est.: rooste-varjusamblik  
 Syn.: *Chaenotheca melanophaea* (Ach.) Zwackh  
 Ecol.: corticolous on coniferous and deciduous trees, lignicolous  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq
- FURFURACEA** (L.) Tibell – ICEB, IE, TAL, TBA, TU  
 Est.: harilik varjusamblik  
 Syn.: *Coniocybe furfuracea* (L.) Ach.  
 Ecol.: on roots of fallen trees, corticolous on coniferous and deciduous trees, lignicolous, rarely saxicolous on sandstone  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq
- GRACILLIMA** (Vain.) Tibell – TU  
 Syn.: *Coniocybe gracillima* Vain.  
 Ecol.: lignicolous  
 Distr.: SE  
 Freq.: r
- HISPIDULA** (Ach.) Zahlbr. – S, TU  
 Syn.: *Chaenotheca chlorella* var. *hispidula* (Ach.) Vain.  
 Ecol.: lignicolous and corticolous on deciduous trees  
 Distr.: NW, SE, WIs  
 Freq.: r
- LAEVIGATA** Nád. – TU  
 Ecol.: lignicolous, rarely corticolous on deciduous and coniferous trees  
 Distr.: NE, SE  
 Freq.: r
- PHAEOCEPHALA** (Turner) Th. Fr. – RIG, TU  
 Syn.: *Chaenotheca chlorella* auct.  
 Ecol.: lignicolous, rarely corticolous on deciduous and coniferous trees  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fq

**STEMONEA** (Ach.) Müll. Arg. – TU, UPSSyn.: *Chaenotheca trichialis* ssp. *stemonea* (Ach.) Zwackh

Ecol.: corticolous on deciduous and coniferous trees, lignicolous

Distr.: NW, NE, SE, SW, WIs

Freq.: fq

**SUBROSCIDA** (Eitner) Zahlbr. – TU

Ecol.: corticolous on coniferous trees, rarely on deciduous trees

Distr.: NW, NE, SE, SW, WIs

Freq.: st r

**TRICHIALIS** (Ach.) Th. Fr. – H, IE, LD, S, TBA, TU

Ecol.: corticolous and lignicolous on coniferous and deciduous trees

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**XYLOXENA** Nád. – TBA, TU

Ecol.: lignicolous, very rarely corticolous on coniferous trees

Distr.: NW, NE, SE, WIs

Freq.: fq

Com.: probably distributed in all regions

**CHAENOTHECOPSIS** Vain. – 12#**CONSOCIATA** (Nád.) A. F. W. Schmidt – IE, TUEcol.: parasitic on *Chaenotheca chrysocephala*

Distr.: NW, NE, SE, SW, WIs

Freq.: st fq

+**DEBILIS** (Sm.) Tibell – TU

Ecol.: saprophytic on lignum and bark of deciduous trees

Distr.: SE

Freq.: rr

#**EPITHALLINA** Tibell – H, TUEcol.: parasitic on *Chaenotheca trichialis*

Distr.: NE, SW, WIs

Freq.: r

+**HAEMATOPUS** Tibell – TUEcol.: saprophytic on lignum (*Betula*)

Distr.: NE

Freq.: rr

+**NANA** Tibell – TUEcol.: saprophytic on bark of *Picea* sp.

Distr.: NE, SE, SW

Freq.: r

+**PUSILLA** (Ach.) A. F. W. Schmidt – TU, UPSSyn.: *Calicium alboatrum* Flörke*Calicium subpusillum* Vain.

Ecol.: saprophytic on lignum, rarely corticolous on coniferous and deciduous trees

Distr.: NW, NE, SE, SW, WIs

Freq.: fq

+**PUSIOLA** (Ach.) Vain. – TUSyn.: *Chaenothecopsis lignicola* (Nád.) A. F. W. Schmidt

Ecol.: saprophytic on lignum

Distr.: NE, SE

Freq.: rr

**+RUBESCENS** Vain. TU

Syn.: *Calicium gracilis* (Nádv.) Oxner  
 Ecol.: saprophytic  
 Distr.: NE  
 Freq.: rr

**+SAVONICA** (Räsänen) Tibell – TU

Syn.: *Mycocalicium savonica* Räsänen  
 Ecol.: saprophytic on lignum  
 Distr.: NW, NE, SE, WIs  
 Freq.: st r

**#SUBPAROICA** (Nyl.) Tibell – S, TU

Ecol.: parasitic on *Chrysotrix chrysophthalma*, *Lepraria incana*  
 Distr.: WIs  
 Freq.: rr

**#VAINIOANA** (Nádv.) Tibell – S, TU

Ecol.: algicolous on free-living algae  
 Distr.: NW, WIs  
 Freq.: r

**#VIRIDIREAGENS** (Nádv.) A. F. W. Schmidt – TU

Syn.: *Calicium viridireagens* Nádv.  
 Ecol.: algicolous on free-living algae  
 Distr.: SE  
 Freq.: rr

**CHRYSOTRIX** Mont. – 3**CANDELARIS** (L.) J. R. Laundon - ICEB, S, TAL, TU

Syn.: *Lepraria candelaris* (L.) Fr.  
*Lepraria flava* (Schreb.) Sw.  
 Ecol.: corticolous on coniferous (*Picea*, *Pinus*) and deciduous trees (*Alnus*, *Betula*,  
*Fraxinus*, *Quercus*, *Ulmus*), also lignicolous  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fq

**CHRYSOPHTHALMA** (P. James) P. James & J. R. Laundon – S

Ecol.: lignicolous on wood of *Pinus*  
 Distr.: WIs  
 Freq.: rr

**CHLORINA** (Ach.) J. R. Laundon – TU

Syn.: *Lepraria chlorina* (Ach.) Ach.  
 Ecol.: saxicolous on granite, corticolous on coniferous trees (*Pinus*)  
 Distr.: WIs  
 Freq.: rr

**CLADINA** Nyl. – 7

Est.: põdrasamblik

**ARBUSCULA** (Wallr.) Hale & W. L. Culb. – ICEB, IE, TAL, TU

Est.: mets-põdrasamblik  
 Syn.: *Cladonia arbuscula* (Wallr.) Flot.  
*Cladonia sylvatica* (Ach.) Rabenh.  
 Ecol.: on sandy and peat soil, lignicolous and rarely saxicolous  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq

**CILIATA** (Stirt.) Trassf. **TENUIS** (Flörke) Ahti – ICEB, IE, TU

Est.: peen pōdrasamblik

Syn.: *Cladonia tenuis* (Flörke) de Lesd.*Cladonia tenuis* (Flörke) Harm.

Ecol.: on soil

Distr.: NW, SE, SW, WIs

Freq.: fq

Com.: common in WIs, rare in NW and SW, occasional in SE

**MITIS** (Sandst.) Hustich – ICEB, IE, TAL, TU

Est.: mahe pōdrasamblik

Syn.: *Cladonia arbuscula* ssp. *mitis* (Sandst.) Ruoss*Cladonia mitis* Sandst.

Ecol.: on sandy and peat soil, lignicolous, saxicolous on calcareous rocks

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**PORTENTOSA** (Dufour) Follmann – IE, LD, TU

Est.: sagris pōdrasamblik

Syn.: *Cladonia impexa* Harm.*Cladonia portentosa* (Dufour) Coem.

Ecol.: on sandy and peat soil

Distr.: NW, SW, WIs

Freq.: st fq

**RANGIFERINA** (L.) Nyl. – ICEB, IE, S, TAL, TU

Est.: harilik pōdrasamblik

Syn.: *Cladonia rangiferina* (L.) F. H. Wigg.

Ecol.: on soil, lignicolous

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**STELLARIS** (Opiz) Brodo – ICEB, IE, LD, TAL, TU

Est.: alpi pōdrasamblik

Syn.: *Cladonia alpestris* auct.*Cladonia stellaris* (Opiz) Pouzar & Vezda

Ecol.: on sandy and peat soil

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**STYGIA** (Fr.) Ahti – LD, TU

Est.: raba-pōdrasamblik

Syn.: *Cladonia rangiferina* f. *stygia* Fr.*Cladonia stygia* (Fr.) Ruoss

Ecol.: on peat soil mainly in bogs

Distr.: NW, NE, SE, SW, WIs

Freq.: fq

**CLADONIA** Hill ex P. Browne – 54 + 5

Est.: porosamblik

**ACUMINATA** (Ach.) Norrl. – TAL, TU

Est.: teravtipp-porosamblik

Ecol.: on calciferous and sandy soil

Distr.: NW, NE, SE, SW, WIs

Freq.: fq

- BACILLARIS** (Leight.) Arnold – ICEB, TAL, TU  
 Est.: puhetunud porosamblik  
 Ecol.: on soil and decaying wood  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fq
- BACILLIFORMIS** (Nyl.) Glück – TU  
 Est.: keppas porosamblik  
 Ecol.: on soil and decaying wood, also on bases of coniferous (*Pinus*) or deciduous trees (*Betula*)  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fq
- BOREALIS** S. Stenroos – TU  
 Est.: põhja-porosamblik  
 Ecol.: on soil  
 Distr.: NW, NE, SE, WIs  
 Freq.: st fq
- BOTRYTES** (K. G. Hagen) Willd. – IE, S, TAL, TU  
 Est.: kobar-porosamblik  
 Ecol.: lignicolous (on old stumps, roofs etc.)  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq
- BREVIS** (Sandst.) Sandst. – TU  
 Est.: madal porosamblik  
 Ecol.: on sandy soil  
 Distr.: NW, WIs  
 Freq.: rr
- \* **CAESPITICIA** (Pers.) Flörke – TU  
 Est.: mäta-porosamblik  
 Ecol.: on soil and bases of trees (*Betula*)  
 Distr.: NW, NE  
 Freq.: rr
- CARIOSA** (Ach.) Spreng. – LD, TU  
 Est.: kõdu-porosamblik  
 Ecol.: on calciferous and sandy soil in open habitats  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq
- CARNEOLA** (Fr.) Vain. – TAL, TU  
 Est.: lihakarva porosamblik  
 Ecol.: on soil and decaying wood  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: st fq
- CENOTEA** (Ach.) Schaer. – IE, TAL, TU  
 Est.: lehter-porosamblik  
 Ecol.: on soil, decaying wood, on bases of trees  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq
- CERVICORNIS** (Ach.) Flot.  
 ssp. **CERVICORNIS** – TU  
 Est.: hirve-porosamblik  
 Syn.: *Cladonia verticillata* var. *cervicornis* (Ach.) Flörke  
 Ecol.: on sandy soil in open habitats  
 Distr.: NW, SW, WIs  
 Freq.: st r



- ssp. **VERTICILLATA** (Hoffm.) Ahti – ICEB, IE, TAL, TU  
 Est.: korrus-porosamblik  
 Syn.: *Cladonia verticillata* (Hoffm.) Schaer.  
 Ecol.: on sandy soil  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fq
- CHLOROPHAEA** (Flörke ex Sommerf.) Spreng. – ICEB, IE, S, TAL, TU  
 Est.: tera-porosamblik  
 Ecol.: on soil, on decaying wood, on bases of trees  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq
- COCCIFERA** (L.) Willd. – TU  
 Est.: punapea-porosamblik  
 Ecol.: on soil  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: st fq
- CONIOCRAEA** (Flörke) Spreng. – ICEB, IE, TAL, TU  
 Est.: naaskel-porosamblik  
 Ecol.: on decaying wood, on bases of trees, on soil  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq
- CONVOLUTA** (Lam.) Anders – IE, TU  
 Est.: vask-porosamblik  
 Syn.: *Cladonia endiviifolia* (Dicks.) Fr.  
*Cladonia foliacea* var. *convoluta* (Lam.) Vain.  
 Ecol.: on calciferous soil in open habitats  
 Distr.: NW, WIs  
 Freq.: r
- CORNUTA** (L.) Hoffm. – ICEB, IE, TAL, TU  
 Est.: sarv-porosamblik  
 Ecol.: on soil, on decaying wood, on mossy rocks  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq
- CRISPATA** (Ach.) Flot.  
 Est.: kähär porosamblik  
 var. **CETRARIIFORMIS** (Delise) Vain. – IE, TU  
 Ecol.: on soil in bogs  
 Distr.: NW  
 Freq.: rr  
 var. **CRISPATA** – IE, TAL, TU  
 Ecol.: on sandy and peat soil, rarely on decaying wood  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq
- CRYPTOCHLOROPHAEA** Asahina – TU  
 Est.: peit-porosamblik  
 Ecol.: on soil and decaying wood  
 Distr.: NW, NE, SE, SW  
 Freq.: st fq
- CYANIPES** (Sommerf.) Nyl. – TU  
 Est.: sinijalg-porosamblik  
 Ecol.: on soil in bogs, sometimes in pine forests  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fq

- DECORTICATA** (Flörke) Spreng. – TU  
 Est.: kooretu porosamblik  
 Ecol.: on sandy soil  
 Distr.: NW, NE, WIs  
 Freq.: r
- DEFORMIS** (L.) Hoffm. – ICEB, IE, TAL, TU  
 Est.: väävel-porosamblik  
 Ecol.: on soil, sometimes on decaying wood  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq
- DIGITATA** (L.) Hoffm. – ICEB, IE, TAL, TU  
 Est.: sõrmjas porosamblik  
 Ecol.: on bases of trees, on decaying wood, on soil  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq
- FIMBRIATA** (L.) Fr. – IE, TAL, TU  
 Est.: karik-porosamblik  
 Ecol.: on soil, on decaying wood, on bases of trees  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq
- FLOERKEANA** (Fr.) Sommerf. – ICEB, LD, TAL, TU  
 Est.: Flörke porosamblik  
 Ecol.: on sandy or peat soil, rarely on decaying wood  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq
- FOLIACEA** (Huds.) Willd. – IE, S, TU  
 Est.: leht-porosamblik  
 Syn.: *Cladonia alpicornis* (Lightf.) Fr.  
 Ecol.: on calciferous soil, rarely on sandy soil in open habitats  
 Distr.: NW, NE, SE, WIs  
 Freq.: st fq
- FURCATA** (Huds.) Schrad. – ICEB, IE, TAL, TU  
 Est.: harkjas porosamblik  
 Ecol.: on soil  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq
- GLAUCA** Flörke – TU  
 Est.: hall porosamblik  
 Ecol.: on sandy soil, sometimes on mossy rocks  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq
- GRACILIS** (L.) Willd.  
 Est.: sale porosamblik  
 ssp. **ELONGATA** (Wulfen) Vain. – TU  
 Est.: mustjalg-porosamblik  
 Syn.: *Cladonia elongata* (Wulfen) Hoffm.  
       *Cladonia gracilis* ssp. *nigripes* (Nyl.) Ahti  
       *Cladonia nigripes* (Nyl.) Trass  
 Ecol.: on soil in open habitats  
 Distr.: NE  
 Freq.: rr

ssp. **GRACILIS** – ICEB, IE, TAL, TU

Est.: sale porosamblik

Ecol.: on sandy or peat soil

Distr.: NW, NE, SE, SW, WIs

Freq.: fq

Com.: common in NW and WIs, occasional in NE, SE, SW

ssp. **TURBINATA** (Ach.) Ahti – IE, TAL, TU

Est.: sale porosamblik

Ecol.: on soil, on decaying wood

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**GRAYI** G. Merr. ex Sandst. – TU

Est.: Gray porosamblik

Ecol.: on soil and on rocks among mosses

Distr.: NW, WIs

Freq.: rr

**INCRASSATA** Flörke – ICEB, TU

Est.: pisi-porosamblik

Ecol.: on peat soil in bogs

Distr.: NW, SW, WIs

Freq.: st r

**MACILENTA** Hoffm. – TAL, TU

Est.: kõhetu porosamblik

Ecol.: on soil, on decaying wood, on bases of trees

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**MACROCERAS** (Delise) Hav. – TU

Est.: pikk porosamblik

Syn.: *Cladonia elongata* auct. p.p.

Ecol.: on calciferous soil in alvars

Distr.: NW, WIs

Freq.: r

**MACROPHYLLA** (Schaer.) Stenh. – TU

Est.: alpi porosamblik

Syn.: *Cladonia alpicola* (Flot.) Vain.

Ecol.: on sandy soil in open habitats

Distr.: NW, NE

Freq.: r

**MEROCHLOROPHAEA** Asahina – TU

Est.: pruunikasmust porosamblik

Ecol.: on decaying wood

Distr.: SW

Freq.: rr

**METACORALLIFERA** Asahina – TU

Est.: liud-porosamblik

Ecol.: on sandy soil in open habitats

Distr.: WIs

Freq.: rr

**NORVEGICA** Tønsberg & Holien – ICEB, TU

Est.: norra porosamblik

Ecol.: on decaying wood covered with mosses, on bases of trees (*Betula*)

Distr.: NW, SE

Freq.: rr

- \* **NOVOCHLOROPHAEA** (Sipman) Brodo & Ahti – TU  
 Est.: määrdunud porosamblik  
 Syn.: *Cladonia merochlorophaea* var. *novochlorophaea* Sipman  
 Ecol.: on soil  
 Distr.: NW  
 Freq.: rr
- OCHROCHLORA** Flörke – TAL, TU  
 Est.: tuhk-porosamblik  
 Ecol.: on decaying wood, on mossy rocks, on soil  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fq
- \* **PARASITICA** (Hoffm.) Hoffm. – TU  
 Est.: tamme-porosamblik  
 Syn.: *Cladonia delicata* auct.  
 Ecol.: on decaying wood  
 Distr.: SE, SW  
 Freq.: r
- PHYLLOPHORA** Hoffm. – ICEB, TAL, TU  
 Est.: valgetäpp-porosamblik  
 Syn.: *Cladonia degenerans* (Flörke) Spreng.  
 Ecol.: on soil  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fq
- PLEUROTA** (Flörke) Schaer. – TU  
 Est.: krobeline porosamblik  
 Ecol.: on soil and on rocks  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: st r
- POCILLUM** (Ach.) Grognot – ICEB, IE, S, TU  
 Est.: liibuv porosamblik  
 Syn.: *Cladonia pyxidata* var. *pocillum* (Ach.) Flot.  
 Ecol.: on calcareous soil in open habitats  
 Distr.: NW, NE, WIs  
 Freq.: st fq  
 Com.: rather common in NW and WIs, occasional in NE
- POLYDACTYLA** (Flörke) Spreng. – TU  
 Est.: lehvik-porosamblik  
 Syn.: *Cladonia flabelliformis* Vain.  
 Ecol.: on bases of coniferous trees (*Pinus*)  
 Distr.: NW, SW  
 Freq.: rr
- PYXIDATA** (L.) Hoffm. – IE, TAL, TU  
 Est.: peeker-porosamblik  
 Ecol.: on soil, on decaying wood  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq
- RANGIFORMIS** Hoffm. – IE, S, TAL, TU, UPS  
 Est.: muru-porosamblik  
 Ecol.: on calciferous and sandy soil in open habitats  
 Distr.: NW, SE, WIs  
 Freq.: fq  
 Com.: common in NW and WIs, occasional in SE (1 locality)

**REI** Schaer. – TU

Est.: Rei porosamblik  
 Syn.: *Cladonia nemoxyna* (Ach.) Arnold  
 Ecol.: on soil, on slopes of gravel pit  
 Distr.: NE, SE, SW, WIs  
 Freq.: st r

**SCABRIUSCULA** (Delise) Nyl. – ICEB, TAL, TU

Est.: kare porosamblik  
 Ecol.: on soil  
 Distr.: NW, NE, SE, WIs  
 Freq.: st fq

**SQUAMOSA** Hoffm. – IE, TAL, TU

Est.: soomus-porosamblik  
 Syn.: *Cladonia subsquamosa* (Nyl. ex Leight.) Cromb.  
 Ecol.: on soil in bogs and forests  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq

**SUBRANGIFORMIS** Sandst. – TU, UPS

Est.: loo-porosamblik  
 Syn.: *Cladonia furcata* ssp. *subrangiformis* (Sandst.) Pišut  
 Ecol.: on calciferous soil in open habitats  
 Distr.: NW, WIs  
 Freq.: fq  
 Com.: common in WIs, rare in NW (4 localities)

**SUBULATA** (L.) F. H. Wigg. – IE, TAL, TU

Est.: vigel-porosamblik  
 Syn.: *Cladonia cornutoradiata* (Vain.) Zopf  
 Ecol.: on soil, rarely on decaying wood  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq

**SULPHURINA** (Michx.) Fr. – LD, TAL, TU

Est.: kollane porosamblik  
 Syn.: *Cladonia gonecha* (Ach.) Asahina  
 Ecol.: on decaying wood, on soil  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fq

**SYMPHYCARPIA** (Flörke) Fr. – S, TAL, TU, UPS

Est.: vaip-porosamblik  
 Syn.: *Cladonia hungarica* (Vain.) Zahlbr.  
*Cladonia symphycarpa* auct.  
 Ecol.: on soil (preferably on calciferous soil) in open habitats  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fq

**TURGIDA** Hoffm. – IE, TAL, TU

Est.: turd porosamblik  
 Ecol.: on soil  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fq

**UNCIALIS** (L.) F. H. Wigg.

Est.: täht-porosamblik

ssp. **BIUNCIALIS** (Hoffm.) M. Choisy – ICEB, TU

Ecol.: on soil, often in bogs

Distr.: NW, NE, SW, WIs

Freq.: st fq

ssp. **UNCIALIS** – ICEB, IE, TAL, TU

Ecol.: on soil

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**CLAUZADEA** Hafellner & Bellem. – 3**CHONDRODES** (A. Massal.) Clauzade & Cl. Roux – SSyn.: *Protoblastenia chondrodes* (A. Massal.) Zahlbr.

Ecol.: saxicolous on calcareous rocks

Distr.: WIs

Freq.: rr

**METZLERI** (Körb.) Clauzade & Cl. Roux ex D. Hawksw. – LD, S, TUSyn.: *Protoblastenia metzleri* (Körb.) J. Steiner

Ecol.: saxicolous on calcareous rocks

Distr.: WIs

Freq.: r

**MONTICOLA** (Schaer.) Hafellner & Bellem. – H, ICEB, LD, TAL, TUSyn.: *Lecidea monticola* Schaer.

Ecol.: saxicolous on calcareous rocks

Distr.: NW, NE, WIs

Freq.: fq

**CLIOSTOMUM** Fr. – 4

Est.: ketassamblik

**CORRUGATUM** (Ach.:Fr.) Fr. – ICEB, LD, TU, UPS

Est.: hele ketassamblik

Syn.: *Catillaria graniformis* (K. G. Hagen) Vain.*Cliostomum graniforme* (K. G. Hagen) CoppinsEcol.: lignicolous, corticolous on deciduous trees (*Tilia*, *Ulmus*)

Distr.: SW, WIs

Freq.: r

**FLAVIDULUM** Hafellner & K. Kalb – SSyn.: *Lecanora navarrensis* EtayoEcol.: corticolous on deciduous trees (*Quercus*)

Distr.: NW, WIs

Freq.: rr

**GRIFFITHII** (Sm.) Coppins – ICEB, LD, S, TBA, TU, UPSSyn.: *Catillaria griffithii* (Sm.) Malme

Ecol.: corticolous on coniferous and deciduous trees, lignicolous

Distr.: NW, NE, SE, WIs

Freq.: st fq

**LEPROSUM** (Räsänen) Holien & Tønsberg – ICEB, TUSyn.: *Catillaria leprosa* RäsänenEcol.: corticolous on *Picea*, rarely on *Betula*

Distr.: NE, SW, WIs

Freq.: st r

**COLLEMA** Weber ex F. H. Wigg. – 15

Est.: limasamblik

? **AURIFORME** (With.) Coppins & J. R. Laundon – Trass, 1970

Est.: kõrv-limasamblik

Syn.: *Collema auriculatum* Hoffm.

Ecol.: on calcareous rocks, on mosses

Distr.: NW

Freq.: rr

**BACHMANIANUM** (Fink) Degel. – ICEB, TU

Est.: Bachmani limasamblik

Ecol.: on calciferous soil

Distr.: NW, WIs

Freq.: r

? **CRISPUM** (Huds.) Weber ex F. H. Wigg. – Bruttan, 1870

Est.: kähär limasamblik

Ecol.: on calciferous soil, on calcareous rocks

Distr.: WIs

Freq.: rr

**CRISTATUM** (L.) Weber ex F. H. Wigg. – ICEB, S, TU, UPS

Est.: hari-limasamblik

Ecol.: on calcareous rocks together with mosses

Distr.: NW, WIs

Freq.: st fq

**FLACCIDUM** (Ach.) Ach. – TU

Est.: soomus-limasamblik

Syn.: *Collema rupestre* (Sw.) Rabenh.

Ecol.: saxicolous on mossy rocks, corticolous on deciduous trees

Distr.: NW, SW, WIs

Freq.: rr

? **FLUVIATILE** (Huds.) Steud. – Bruttan, 1889

Est.: jõgi-limasamblik

Ecol.: saxicolous on permanently inundated granite rocks

Distr.: NE

Freq.: rr

**FUSCOVIRENS** (With.) J. R. Laundon – ICEB, LD, TAL, TU

Est.: tume limasamblik

Syn.: *Collema tuniforme* (Ach.) Ach.*Collema furvum* (Ach.) DC.

Ecol.: saxicolous on calcareous rocks

Distr.: NW, NE, WIs

Freq.: fq

**LIMOSUM** (Ach.) Ach. – TU

Est.: kile-limasamblik

Ecol.: on calciferous or sandy soil

Distr.: NW, NE

Freq.: rr

\* **NIGRESCENS** (Huds.) DC. – TUSyn.: *Collema vespertilio* (Lightf.) Hoffm.

Est.: must limasamblik

Ecol.: corticolous on deciduous trees (*Populus*)

Distr.: SW

Freq.: rr

- \* **OCCULTATUM** Bagl. – TU  
 Est.: tera-limasamblik  
 Ecol.: corticolous on deciduous trees (*Salix*)  
 Distr.: WIs  
 Freq.: rr
- PARVUM** Degel. – LD, TU  
 Est.: pisi-limasamblik  
 Ecol.: saxicolous on calcareous rocks  
 Distr.: WIs  
 Freq.: rr
- POLYCARPON** Hoffm. – ICEB, LD, TU  
 Est.: viljakas limasamblik  
 Ecol.: saxicolous on calcareous rocks  
 Distr.: NW, WIs  
 Freq.: r
- \* **SUBNIGRESCENS** Degel. – TAL, TU  
 Est.: mustjas limasamblik  
 Ecol.: corticolous on deciduous trees (*Populus, Quercus*)  
 Distr.: NE, WIs  
 Freq.: r
- TENAX** (Sw.) Ach. – S, TU, UPS  
 Est.: sitke limasamblik  
 Ecol.: on calciferous soil together with mosses  
 Distr.: NW, WIs  
 Freq.: st fq
- UNDULATUM** Laurer ex Flot. – TU, UPS  
 Est.: laineline limasamblik  
 Ecol.: on calcareous rocks and calciferous soil  
 Distr.: WIs  
 Freq.: rr
- CYBEBE** Tibell – 1
- GRACILENTA** (Ach.) Tibell – TU  
 Syn.: *Coniocybe gracilentata* Ach.  
 Ecol.: lignicolous  
 Distr.: NE  
 Freq.: rr
- CYPHELIUM** Ach. – 4  
 Est.: tünnsamblik
- INQUINANS** (Sm.) Trevis. – TU  
 Est.: rant-tünnsamblik  
 Ecol.: lignicolous, rarely corticolous on deciduous or coniferous trees  
 Distr.: NW, NE, WIs  
 Freq.: st r
- LUCIDUM** (Th.Fr.) Th. Fr. – IE, TBA, TU  
 Ecol.: corticolous on coniferous trees  
 Distr.: NW  
 Freq.: r
- #**SESSILE** (Pers.) Trevis. – UPS  
 Ecol.: parasitic on *Pertusaria coccodes*  
 Distr.: WIs  
 Freq.: r



**TIGILLARE** (Ach.) Ach. – TU  
 Ecol.: lignicolous  
 Distr.: NW, SW, WIs  
 Freq.: r

**CYSTOCOLEUS** Thwaites – 1

Est.: udesamblik

**EBENEUS** (Dillwyn) Thwaites – TU

Est.: must udesamblik

Syn.: *Coenogonium nigrum* auct.

Ecol.: saxicolous on sandstone cliffs

Distr.: SE

Freq.: st r

**DERMATOCARPON** Eschw. – 5

Est.: nahksamblik

**ARNOLDIANUM** Degel. – ICEB, TAL, TU

Est.: Arnoldi nahksamblik

Ecol.: saxicolous on granite and calcareous rocks

Distr.: NW

Freq.: rr

**LEPTOPHYLLUM** (Ach.) K. G. W. Lang – TU

Est.: õhuke nahksamblik

Ecol.: saxicolous on calcareous rocks

Distr.: NW, WIs

Freq.: r

**LURIDUM** (With.) J. R. Laundon – TU

Est.: jõgi-nahksamblik

Syn.: *Dermatocarpon fluviatile* (Weber) Th. Fr.

*Dermatocarpon weberi* (Ach.) W. Mann

Ecol.: saxicolous on periodically inundated granite rocks

Distr.: SE

Freq.: rr

?**MEIOPHYLLIZUM** Vain. – Trass, 1970

Est.: pisi-nahksamblik

Syn.: *Dermatocarpon meiophyllum* Vain.

Ecol.: saxicolous on frequently inundated granite rocks

Distr.: SE, WIs

Freq.: rr

**MINIATUM** (L.) W. Mann – ICEB, IE, LD, TAL, TU

Est.: väike nahksamblik

Ecol.: saxicolous on calcareous and granite rocks

Distr.: NW, SE, WIs

Freq.: st r

**DIBAEIS** Clem. – 1

Est.: roosasamblik

**BAEOMYCES** (L. fil.) Rambold & Hertel – TU

Est.: harilik roosasamblik

Syn.: *Baeomyces roseus* Pers.

Ecol.: on sandy soil

Distr.: SE

Freq.: st r

**DIMERELLA** Trevis. – 1**PINETI** (Ach.) Vezda – ICEB, IE, S, TUSyn.: *Dimerella diluta* (Pers.) Trevis.*Microphiale diluta* (Pers.) Zahlbr.

Ecol.: corticolous on coniferous and deciduous trees

Distr.: NW, NE, SE, SW, WIs

Freq.: fq

**DIPLOSCHISTES** Norman – 2

Est.: urnsamblik

**MUSCORUM** (Scop.) R. Sant. – IE, LD, S, TU

Est.: sambla-urnsamblik

Syn.: *Diploschistes bryophiloides* (Nyl.) Zahlbr.*Diploschistes bryophilus* (Ach.) Zahlbr.

Ecol.: on mosses, on calcareous soil, on rocks, on thalli of other lichens

Distr.: NW, NE, WIs

Freq.: st fq

**SCRUPOSUS** (Schreb.) Norman – LD, TU

Est.: kivi-urnsamblik

Ecol.: on granite and sandstone cliffs

Distr.: NE, SE, WIs

Freq.: st r

**DIPLATOMMA** Flot. – 4**ALBOATRUM** (Hoffm.) Flot. – ICEB, TBA, TU, UPSSyn.: *Buellia alboatra* (Hoffm.) Th. Fr.

Ecol.: corticolous on deciduous trees, saxicolous on calcareous rocks

Distr.: NW, NE, SE, SW, WIs

Freq.: st fq

**AMBIQUUM** (Ach.) Flagey – TUSyn.: *Buellia ambigua* (Ach.) Malme

Ecol.: saxicolous on granite, mainly on seashore

Distr.: NW

Freq.: rr

**EPIPOLIUM** (Ach.) Arnold – ICEB, LD, TU, UPSSyn.: *Buellia epipolia* (Ach.) Mong.*Diplotomma alboatrum* var. *epipolium* Ach.

Ecol.: saxicolous on calcareous rocks

Distr.: NW, NE, SE, WIs

Freq.: st fq

**VENUSTUM** Körb. – TUSyn.: *Buellia alboatra* var. *venusta* (Körb.) Th. Fr.*Buellia venusta* (Körb.) Lettau

Ecol.: saxicolous on calcareous rocks

Distr.: NW, WIs

Freq.: r

**ENDOCARPON** Hedw. – 2

Est.: agusamblik

**PSORODEUM** (Nyl.) Blomb. & Forssell – ICEB, TU

Est.: hall agusamblik

Ecol.: saxicolous on calcareous rocks

Distr.: NW

Freq.: rr

**FUSILLUM** Hedw. – LD, S, UPS

Est.: väike agusamblik  
 Ecol.: on calciferous soil  
 Distr.: WIs  
 Freq.: rr

**EVERNIA** Ach. – 3

Est.: lõhnasamblik

**DIVARICATA** (L.) Ach. – TAL, TU

Est.: pikk lõhnasamblik  
 Syn.: *Letharia divaricata* (L.) Hue  
 Ecol.: corticolous on coniferous trees (mainly *Picea abies*), rarely on sandy soil  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: st fq  
 Com.: distribution strongly decreasing; 20 localities known altogether, found only in 4 localities (in SE, NE and WIs) since 1980

**MESOMORPHA** Nyl. – TAL, TU

Est.: kahar lõhnasamblik  
 Syn.: *Letharia mesomorpha* (Nyl.) Du Rietz  
*Letharia thamnodes* (Flot.) Arnold  
 Ecol.: corticolous on coniferous trees (mainly *Picea abies*), rarely on deciduous trees  
 Distr.: NW, NE, SE  
 Freq.: st r

**PRUNASTRI** (L.) Ach. – ICEB, IE, TBA, TAL, TU

Est.: kollane lõhnasamblik  
 Ecol.: corticolous on deciduous and coniferous trees  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq

**FARNOLDIA** Hertel – 1**JURANA** (Schaer.) Hertel – LD, RIG, TBA, TU

Syn.: *Lecidea albosuffusa* Th. Fr.  
*Lecidea jurana* Schaer.  
 Ecol.: saxicolous on calcareous rocks  
 Distr.: NW, WIs  
 Freq.: st r

**FELLHANERA** Vezda – 2? **BOUTEILLEI** (Desm.) Vezda – Mereschkowski, 1913

Syn.: *Catillaria bouteillei* (Desm.) Zahlbr.  
 Ecol.: on twigs and needles of *Picea*  
 Distr.: NW  
 Freq.: rr

**SUBTILIS** (Vezda) Diederich & Sérus. – ICEB

Syn.: *Bacidia subtilis* Vezda  
 Ecol.: corticolous on twigs of *Picea*  
 Distr.: SE  
 Freq.: rr

**FLAVOCETRARIA** Kärnefelt & A. Thell – 2

Est.: tundrasamblik

**CUCULLATA** (Bellardi) Kärnefelt & A. Thell – ICEB, IE, TAL, TU

Est.: harilik tundrasamblik

Syn.: *Allocetraria cucullata* (Bellardi) Randleane & Saag*Cetraria cucullata* (Bellardi) Ach.

Ecol.: on calciferous soil

Distr.: WIs

Freq.: rr

**NIVALIS** (L.) Kärnefelt & A. Thell – ICEB, IE, TAL, TU

Est.: lumi-tundrasamblik

Syn.: *Allocetraria nivalis* (L.) Randleane & Saag*Cetraria nivalis* (L.) Ach.

Ecol.: on calciferous or sandy soil

Distr.: NW, NE, SE, WIs

Freq.: fqq

Com.: common on western islands, not rare in the coastal areas, occasional in inland

**FLAVOPARMELIA** Hale – 1

Est.: kitsesamblik

**CAPERATA** (L.) Hale – TU

Est.: harilik kitsesamblik

Syn.: *Parmelia caperata* (L.) Ach.

Ecol.: corticolous on deciduous trees

Distr.: SE, WIs

Freq.: r

**FULGENSIA** A. Massal. & De Not. – 2

Est.: särasamblik

**BRACTEATA** (Hoffm.) Räsänen – IE, LD, S, TU, UPS

Est.: harilik särasamblik

Ecol.: on calciferous soil, plant debris and mosses

Distr.: NW, WIs

Freq.: fq

**FULGENS** (Sw.) Elenkin – TU

Est.: hõlmik-särasamblik

Ecol.: on calciferous soil, plant debris and mosses

Distr.: WIs

Freq.: rr

**FUSCIDEA** V. Wirth & Vezda – 4**ARBORICOLA** Coppins & Tønsberg – TU, UPS

Ecol.: corticolous on deciduous and coniferous trees

Distr.: NW, NE, SW

Freq.: r

\* **CYATHOIDES** (Ach.) V. Wirth & Vezda – RIG, TUSyn.: *Lecidea cyathoides* (Ach.) Ach.

Ecol.: saxicolous on granite

Distr.: WIs

Freq.: rr

?**LYGAEA** (Ach.) V. Wirth & Vezda – Mereschkowski, 1913

Syn.: *Lecidea lygea* Ach.

Ecol.: saxicolous on granite

Distr.: WIs

Freq.: rr

**PUSILLA** Tønsberg – UPS

Ecol.: corticolous on deciduous trees

Distr.: NW

Freq.: rr

**GRAPHIS** Adans. – 1

Est.: kirisamblik

**SCRIPTA** (L.) Ach. – ICEB, IE, S, TAL, TU

Est.: harilik kirisamblik

Ecol.: corticolous on deciduous trees

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**GYALECTA** Ach. – 4

Est.: kaussamblik

**GEOICA** (Wahlenb. ex Ach.) Ach. – TU

Ecol.: on (calciferous) soil and mosses

Distr.: NW, WIs

Freq.: r

**JENENSIS** (Batch) Zahlbr. – S, TAL, TU, UPS

Syn.: *Gyalecta cupularis* (Hedw.) Schaer.

Ecol.: saxicolous on calcareous rocks or on calciferous soil

Distr.: NW, WIs

Freq.: r

**TRUNCIGENA** (Ach.) Hepp – TU, UPS

Ecol.: corticolous on deciduous trees

Distr.: SE

Freq.: rr

**ULMI** (Sw.) Zahlbr. – TU, UPS

Est.: jalaka-kaussamblik

Ecol.: corticolous on deciduous trees or on mosses

Distr.: NW, WIs

Freq.: st r

**HAEMATOMMA** A. Massal. – 1 + 1

**OCHROLEUCUM** (Neck.) J. R. Laundon

var. **OCHROLEUCUM** – IE, LD, TU

Syn.: *Haematomma coccineum* (Dicks.) Körb.

*Haematomma leiphaemum* (Ach.) Zopf

Ecol.: saxicolous on granite or sandstone, corticolous on deciduous trees

Distr.: NW, SE, WIs

Freq.: st fq

var. **PORPHYRIUM** (Pers.) J. R. Laundon – IE, TU

Syn.: *Haematomma porphyrium* (Pers.) Zopf

Ecol.: saxicolous on granite or sandstone

Distr.: SE, WIs

Freq.: r

**HETERODERMIA** Trevis. – 1

Est.: huulsamblik

\* **SPECIOSA** (Wulfen) Trevis. – TU

Est.: nõudlik huulsamblik

Syn.: *Anaptychia speciosa* (Wulfen) A. Massal.

Ecol.: corticolous on deciduous trees

Distr.: WIs

Freq.: rr

**HOMOSTEGIA** Fuckel – 1\* **#PIGGOTII** (Berk. & Broome) P. Karst. – TUSyn.: *Sphaeria homostegia* Nyl.Ecol.: lichenicolous on thallus of *Parmelia saxatilis*

Distr.: NW

Freq.: rr

**HYMENELIA** Kremp. – 1**PREVOSTII** (Duby) Kremp. – ICEB, TUSyn.: *Aspicilia prevostii* (Duby) Anzi

Ecol.: saxicolous on calcareous rocks

Distr.: NW, WIs

Freq.: r

**HYPERPHYSICIA** Müll. Arg. – 1

Est.: liibsamblik

? **ADGLUTINATA** (Flörke) H. Mayrhofer & Poelt – Mereschkowski, 1913

Est.: liimjas liibsamblik

Syn.: *Physcia adglutinata* (Flörke) Nyl.*Physcia elaeina* auct.

Ecol.: corticolous on deciduous trees

Distr.: NW

Freq.: rr

**HYPOCENOMYCE** M. Choisy – 5

Est.: soomussamblik

**ANTHRACOPHILA** (Nyl.) P. James & Gotth. Schneid. – TU

Est.: männi-soomussamblik

Syn.: *Lecidea anthracophila* Nyl.*Lecidea cladonioides* Th. Fr.*Psora anthracophila* (Nyl.) Arnold

Ecol.: corticolous on coniferous trees

Distr.: SW

Freq.: rr

**CARADOCENSIS** (Leight. ex Nyl.) P. James & Gotth. Schneid. – LD, S, TU

Est.: põis-soomussamblik

Syn.: *Toninia caradocensis* (Nyl.) J. Lahm

Ecol.: lignicolous

Distr.: NE, WIs

Freq.: r

**FRIESII** (Ach.) P. James & Gotth. Schneid. – ICEB, TU

Est.: Friesi soomussamblik

Syn.: *Lecidea friesii* Ach.*Psora friesii* (Ach.) Hellb.Ecol.: lignicolous, corticolous on *Pinus*

Distr.: NW, NE, SE, SW, WIs

Freq.: st r

**SCALARIS** (Ach.) M. Choisy – ICEB, IE, LD, S, TAL, TBA, TU

Est.: trepp-soomussamblik

Syn.: *Lecidea ostreata* (Hoffm.) Schaer.*Psora scalaris* (Ach.) Hook.

Ecol.: lignicolous, corticolous mainly on coniferous trees

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**SOROPHORA** (Vain.) P. James & Poelt – S, TU

Est.: tera-soomussamblik

Ecol.: lignicolous

Distr.: WIs

Freq.: rr

**HYPOGYMNIA** (Nyl.) Nyl. – 4

Est.: hallsamblik

**FARINACEA** Zopf – ICEB, IE, TU

Est.: jahu-hallsamblik

Syn.: *Hypogymnia bitteriana* (Zahlbr.) Räsänen*Parmelia bitteriana* Zahlbr.Ecol.: corticolous on coniferous (*Pinus sylvestris*) and deciduous trees (*Betula*)

Distr.: NW, NE, SE, SW, WIs

Freq.: fq

Com.: more than 30 localities known altogether, rarely found since 1980 (in NW and WIs only)

**PHYSODES** (L.) Nyl. – ICEB, IE, S, TAL, TBA, TU

Est.: harilik hallsamblik

Syn.: *Parmelia physodes* (L.) Ach.

Ecol.: corticolous, lignicolous, rarely on soil and saxicolous on rocks among mosses

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**TUBULOSA** (Schaer.) Hav. – ICEB, IE, TAL, TU

Est.: toru-hallsamblik

Syn.: *Parmelia tubulosa* (Schaer.) Bitter

Ecol.: corticolous, lignicolous, rarely saxicolous on rocks among mosses

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**VITTATA** (Ach.) Parrique – TU

Est.: ääris-hallsamblik

Syn.: *Parmelia vittata* (Ach.) Nyl.

Ecol.: saxicolous on sandstone cliffs

Distr.: SE

Freq.: rr

**ICMADOPHILA** Trevis. – 1

Est.: rabasamblik

**ERICETORUM** (L.) Zahlbr. – IE, TAL, TU

Est.: harilik rabasamblik

Syn.: *Icmadophila elveloides* (Weber) Hedl.Ecol.: on peat, *Sphagnum*, plant debris and decaying wood

Distr.: NW, NE, SE, SW, WIs

Freq.: fq

**IMSHAUGIA** S. L. F. Meyer – 1

Est.: terasamblik

**ALEURITES** (Ach.) S. L. F. Meyer – ICEB, IE, LD, S, TAL, TU

Est.: hall terasamblik

Syn.: *Parmeliopsis aleurites* (Ach.) Nyl.Ecol.: corticolous (mainly on *Pinus sylvestris*), lignicolous

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**IONASPIS** Th. Fr. – 3**CARNOSULA** (Arnold) Arnold – LD, S

Ecol.: saxicolous on calcareous rocks

Distr.: WIs

Freq.: rr

**HETEROMORPHA** (Kremp.) Arnold – LD

Ecol.: saxicolous on calcareous rocks

Distr.: WIs

Freq.: rr

**RHODOPIS** (Sommerf.) Blomb. & Forssell – ICEB, LD, S, TU

Ecol.: saxicolous on calcareous rocks

Distr.: NW, WIs

Freq.: r

**KARSTENIOMYCES** D. Hawksw. – 1#**PELTIGERAE** (P. Karst.) D. Hawksw. – TU(anamorphic fungus; teleomorph: *Scutula* sp.)Ecol.: lichenicolous on thalli of *Peltigera canina* and *P. rufescens*

Distr.: NE, WIs

Freq.: r

**LASALLIA** Mérat – 1

Est.: põissamblik

**PUSTULATA** (L.) Mérat – ICEB, TAL, TU

Est.: harilik põissamblik

Syn.: *Umbilicaria pustulata* (L.) Hoffm.

Ecol.: saxicolous on granite in marine zone

Distr.: NW, NE, WIs

Freq.: st fq



**LECANACTIS** Körb. – 1

Est.: nublusamblik

**ABIETINA** (Ach.) Körb. – ICEB, IE, S, TBA, TU, UPS

Est.: kuuse-nublusamblik

Ecol.: corticolous on *Picea*, occasionally on deciduous trees (*Tilia*)

Distr.: NW, NE, SE, SW, WIs

Freq.: fq

**LECANIA** A. Massal. – 10

**CUPREA** (A. Massal.) Boom & Coppins – ICEB

Syn.: *Bacidia cuprea* (A. Massal.) Lettau

Ecol.: saxicolous on calcareous rocks

Distr.: NW

Freq.: rr

**CYRTELLA** (Ach.) Th. Fr. – H, ICEB, IE, LD, S, TBA, TU, UPS

Syn.: *Lecania cyrtellina* (Nyl.) Sandst., *L. sambucina* (Körb.) Zahlbr.

Ecol.: corticolous on deciduous trees, rarely lignicolous

Distr.: NW, SE, SW, WIs

Freq.: fq

Com.: probably distributed in all regions

**DUBITANS** (Nyl.) A. L. Sm. – H, ICEB, TU

Syn.: *Lecania dimera* (Nyl.) Th. Fr.

Ecol.: corticolous on deciduous trees

Distr.: WIs

Freq.: rr

**ERYSIBE** (Ach.) Mudd – ICEB, IE, LD, TU

Ecol.: saxicolous on calcareous rocks

Distr.: NW, SE, WIs

Freq.: r

**FUSCELLA** (Schaer.) A. Massal. – H, ICEB, S, TBA, TU

Syn.: *Lecania syringeae* (Ach.) Th. Fr.

Ecol.: corticolous on deciduous trees

Distr.: NW, NE, SW, WIs

Freq.: st r

**KOERBERIANA** J. Lahm – ICEB

Ecol.: corticolous on deciduous trees

Distr.: NW

Freq.: rr

**NAEGELII** (Hepp) Diederich & Boom – ICEB, LD, TBA, TU

Syn.: *Bacidia naegelii* (Hepp) Zahlbr.

Ecol.: corticolous on deciduous trees, rarely on coniferous trees

Distr.: NW, NE, SE, SW, WIs

Freq.: fq

**NYLANDERIANA** A. Massal. – TU

Ecol.: saxicolous on calcareous substrata (mortar)

Distr.: WIs

Freq.: rr

**RABENHORSTII** (Hepp) Arnold – TU, UPS

Ecol.: saxicolous on calcareous rocks and mortar

Distr.: WIs

Freq.: r

**TURICENSIS** (Hepp) Müll. Arg. – LD  
 Ecol.: saxicolous on calcareous rocks  
 Distr.: WIs  
 Freq.: rr

**LECANORA** Ach. – 48

Est.: liudsamblik

**ACHARIANA** A. L. Sm. – TU

Est.: Achariuse liudsamblik  
 Syn.: *Lecanora cartilaginea* (Lilj.) Ach.  
*Placodium achariana* auct.  
 Ecol.: saxicolous on granit on seashore  
 Distr.: WIs  
 Freq.: rr

**ALBELLA** (Pers.) Ach. – ICEB, TU

Syn.: *Lecanora pallida* (Schreb.) Rabenh.  
 Ecol.: corticolous on deciduous trees, sometimes on coniferous trees (*Juniperus communis*)  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fq

**ALBESCENS** (Hoffm.) Branth & Rostr. – H, ICEB, IE, LD, RIG, TAL, TBA, TU

Est.: valkjas liudsamblik  
 Syn.: *Lecanora galactina* Ach.  
 Ecol.: saxicolous on calcareous substrata (rocks, mortar)  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq

**ALLOPHANA** Nyl. – H, ICEB, IE, LD, RIG, TAL, TBA, TU, UPS

Est.: lepa-liusamblik  
 Syn.: *Lecanora subfusca* (L.) Ach., nom. rej.  
 Ecol.: corticolous on deciduous trees  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq

**ARGENTATA** (Ach.) Malme – H, RIG, S, TAL, TBA, TU

Est.: pruu liudsamblik  
 Syn.: *Lecanora subfusca* auct. non (L.) Ach.  
*Lecanora subfuscata* H. Magn.  
*Lecanora subrugosa* Nyl.  
 Ecol.: corticolous on deciduous trees  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq

?**ARGOPHOLIS** (Ach.) Ach. – Mereschkowski, 1913

Syn.: *Lecanora frustulosa* auct. non (Dicks.) Ach.  
 Ecol.: saxicolous on granite  
 Distr.: NW  
 Freq.: rr

**BICINCTA** Ramond – H, TAL, TU

Syn.: *Lecanora rupicola* var. *bicincta* (Ramond) Th. Fr.  
 Ecol.: saxicolous on granite  
 Distr.: NW, WIs  
 Freq.: r

- CADUBRIAE** (A. Massal.) Hedl. – H, S, TU  
 Syn.: *Lecidea cadubriae* (A. Massal.) Nyl.  
 Ecol.: corticolous on coniferous trees and lignicolous  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: r
- CAESIOSORA** Poelt – TU  
 Syn.: *Lecanora soralifera* H. Magn. non (Suza) Räsänen  
 Ecol.: saxicolous on granite  
 Distr.: WIs  
 Freq.: rr
- CAMPESTRIS** (Schaer.) Hue – LD, TU  
 Ecol.: saxicolous on granite and calcareous substrata  
 Distr.: NW, SE, WIs  
 Freq.: st r
- CARPINEA** (L.) Vain. – H, ICEB, IE, LD, S, TAL, TBA, TU, UPS  
 Est.: kahvatu liudsamblik  
 Ecol.: corticolous mainly on deciduous trees, also lignicolous  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq
- ? **CATELEA** (Ach.) A. Massal. – Räsänen, 1931  
 Ecol.: corticolous on deciduous trees, also lignicolous  
 Distr.: NW, SE, WIs  
 Freq.: r
- CENISIA** Ach. – LD, RIG, TAL, TBA, TU  
 Syn.: *Lecanora atrynea* (Ach.) Nyl.  
 Ecol.: saxicolous on granite, sometimes lignicolous  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fq
- CHLAROTERA** Nyl. – H, ICEB, LD, RIG, S, TAL, TBA, TU  
 Syn.: *Lecanora crassula* H. Magn.  
 Ecol.: corticolous on deciduous trees, sometimes lignicolous  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq
- CIRCUMBOREALIS** Brodo & Vitik. – TU  
 Syn.: *Lecanora coilocarpa* auct.  
 Ecol.: corticolous on deciduous trees (*Betula*), lignicolous  
 Distr.: NW, SE, SW  
 Freq.: r
- CONIZAEOIDES** Nyl. ex Cromb. – ICEB, TU, TBA  
 Est.: linna-liudsamblik  
 Ecol.: corticolous on coniferous and deciduous trees, lignicolous; both in towns and natural habitats  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: st fq
- CRENULATA** Hook. – ICEB, LD, RIG, TBA, TU  
 Est.: härm-liudsamblik  
 Syn.: *Lecanora caesioalba* (Flörke) Körb.  
 Ecol.: saxicolous on calcareous substrata (rocks, mortar)  
 Distr.: NW, NE, SE, WIs  
 Freq.: st fq

**DISPERSA** (Pers.) Sommerf. – H, ICEB, IE, LD, TAL, TBA, TU

Est.: müüri-liudsamblik

Syn.: *Lecanora atrynella* Nyl.*Lecanora lithophila* (Wallr.) Oxner*Lecanora umbrina* auct.

Ecol.: saxicolous mainly on calcareous substrata, sometimes lignicolous

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**\* EPIBRYON** (Ach.) Ach. – RIG, TU

Ecol.: on mosses

Distr.: WIs

Freq.: rr

**EXPALLENS** Ach. – H, ICEB, IE, LD, S, TBA, TUSyn.: *Lecanora conizaea* (Ach.) Nyl.

Ecol.: corticolous on coniferous and deciduous trees, lignicolous

Distr.: NW, NE, SE, SW, WIs

Freq.: fq

**? GLABRATA** (Ach.) Malme – Mereschkowski, 1913

Ecol.: corticolous on deciduous trees

Distr.: NW

Freq.: rr

**HAGENII** (Ach.) Ach. – ICEB, IE, LD, S, TBA, TU, UPS

Ecol.: corticolous mainly on deciduous trees, lignicolous

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**HELICOPIS** (Wahlenb.) Ach. – H, TBA, TUSyn.: *Lecanora prosechoidiza* (Nyl.) A. L. Sm.

Ecol.: saxicolous on granite and calcareous rocks in marine zone

Distr.: NW, WIs

Freq.: st fq

**HYPOPTOIDES** (Nyl.) Nyl. – LD

Ecol.: corticolous on coniferous trees

Distr.: NW

Freq.: rr

**IMPUDENS** Degel. – TU, UPS

Ecol.: corticolous on deciduous trees

Distr.: SE, WIs

Freq.: rr

**INTRICATA** (Ach.) Ach. – ICEB, IE, TUSyn.: *Lecanora mutabilis* Sommerf.

Ecol.: saxicolous on granite

Distr.: NW, SE, WIs

Freq.: st fq

**INTUMESCENS** (Rebent.) Rabenh. – H, ICEB, TU

Ecol.: corticolous on deciduous trees

Distr.: NW, NE, WIs

Freq.: st r

**LEPTYRODES** (Nyl.) Degel. – ICEB, TAL, TU

Ecol.: corticolous on deciduous trees

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

- MACROCYCLOS** (H. Magn.) Degel. – LD, TBA, TU  
 Est.: suur liudsamblik  
 Syn.: *Lecanora muralis* ssp. *macrocyclus* (H. Magn.) Clauzade & Cl. Roux  
 Ecol.: saxicolous on granite  
 Distr.: NW, WIs  
 Freq.: st fq
- MURALIS** (Schreb.) Rabenh. – H, ICEB, IE, S, TAL, TBA, TU, UPS  
 Est.: rant-liudsamblik  
 Syn.: *Lecanora albomarginata* (Nyl. ex Th. Fr.) Cromb.  
*Placodium murale* (Schreb.) Frege  
*Placolecanora muralis* (Schreb.) Räsänen  
 Ecol.: saxicolous mainly on granite, rarely lignicolous  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq
- PERPRUINOSA** Fröberg – ICEB, IE, TAL, TU  
 Syn.: *Lecanora dispersa* f. *coniotropa* (Fr.) Arn.  
 Ecol.: saxicolous on calcareous rocks  
 Distr.: NW, WIs  
 Freq.: st r
- PHAEOSTIGMA** (Körb.) Almb. – TU  
 Syn.: *Biatora phaeostigma* Körb.  
*Lecanora obscurella* (Sommerf.) Hedl.  
*Lecidea obscurella* (Sommerf.) Nyl.  
 Ecol.: corticolous on coniferous trees (*Pinus sylvestris*)  
 Distr.: NW, NE, SE, WIs  
 Freq.: st r
- PINIPERDA** Körb. – ICEB, TU, UPS  
 Syn.: *Lecanora glauccella* (Flot.) Nyl.  
 Ecol.: corticolous on coniferous and deciduous trees  
 Distr.: NW, NE, SE  
 Freq.: r
- POLYTROPA** (Ehrh. ex Hoffm.) Rabenh. – ICEB, IE, LD, TBA, TU  
 Ecol.: saxicolous on granite, rarely lignicolous  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fq
- POPULICOLA** (DC.) Duby – H, ICEB, RIG, TAL, TU  
 Syn.: *Lecanora distans* (Ach.) Nyl.  
 Ecol.: corticolous on deciduous trees  
 Distr.: NW, SE, WIs  
 Freq.: fq
- PULICARIS** (Pers.) Ach. – H, ICEB, IE, LD, RIG, TAL, TBA, TU  
 Est.: sile liudsamblik  
 Syn.: *Lecanora chlarona* (Ach.) Nyl.  
*Lecanora coilocarpa* (Ach.) Nyl. non auct.  
*Lecanora pinastris* (Schaer.) H. Magn.  
 Ecol.: corticolous on coniferous and deciduous trees, lignicolous  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq
- RUGOSELLA** Zahlbr. – H, ICEB, IE, TU  
 Syn.: *Lecanora rugosa* (Nyl.) Nyl. non Ach.  
 Ecol.: corticolous on deciduous trees, rarely lignicolous  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq

- RUPICOLA** (L.) Zahlbr. – H, ICEB, IE, RIG, S, TAL, TBA, TU  
 Est.: kalju-liudsamblik  
 Syn.: *Lecanora sordida* (Pers.) Th. Fr.  
 Ecol.: saxicolous on granite  
 Distr.: NW, NE, SE, WIs  
 Freq.: fq  
 Com.: probably distributed in all regions
- SALIGNA** (Schrad.) Zahlbr. – H, ICEB, IE, S, TBA, TU, UPS  
 Syn.: *Lecanora sarcopsis* (Ach.) Ach.  
 Ecol.: lignicolous, corticolous mainly on deciduous trees  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fq
- SAMBUCI** (Pers.) Nyl. – H, ICEB, S, TU  
 Ecol.: corticolous on deciduous trees, rarely on coniferous trees  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: st fq
- \* **SARCOPIDOIDES** ["sarcopisioides"] (A. Massal.) A. L. Sm. – TU  
 Syn.: *Lecanora metaboliza* Nyl.  
 Ecol.: lignicolous  
 Distr.: NE  
 Freq.: rr
- SOREDIATA** (Räsänen ex Vain.) Räsänen – H, TU  
 Syn.: *Lecanora coilocarpa* var. *sorediata* Räsänen ex Vain.  
*Lecanora raesaenenii* Gyeln.  
 Ecol.: lignicolous  
 Distr.: WIs  
 Freq.: rr
- STROBILINA** (Spreng.) Kieff. – TU, UPS  
 Ecol.: corticolous mainly on coniferous trees, rarely lignicolous  
 Distr.: NW, NE, SE, WIs  
 Freq.: st fq
- SUBINTRICATA** (Nyl.) Th. Fr. – TU  
 Ecol.: corticolous, lignicolous  
 Distr.: NW, NE, SW, WIs  
 Freq.: r
- SULPHUREA** (Hoffm.) Ach. – H, LD, RIG, S, TAL, TU  
 Est.: väävel-liudsamblik  
 Syn.: *Lecidea sulphurea* (Hoffm.) Wahlenb.  
 Ecol.: saxicolous on granite  
 Distr.: NW, WIs  
 Freq.: fq
- ? **SWARTZII** (Ach.) Ach. – Mereschkowski, 1913  
 Syn.: *Lecanora rupicola* var. *glaucescens* (Sw.) Zahlbr.  
*Lecanora sordida* var. *swartzii* Ach.  
*Lecanora subradiosa* auct. non Nyl.  
 Ecol.: saxicolous on granite  
 Distr.: NW  
 Freq.: rr

**SYMMICTA** (Ach.) Ach. – H, ICEB, IE, LD, S, TAL, TUSyn.: *Lecanora symmictera* Nyl.*Lecidea symmicta* Ach.*Lecidea symmictera* (Nyl.) Trass

Ecol.: corticolous on coniferous and deciduous trees, lignicolous

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**VARIA** (Hoffm.) Ach. – H, ICEB, IE, LD, S, TAL, TBA, TU

Est.: tara-liudsamblik

Syn.: *Lecanora subvaria* Nyl.

Ecol.: lignicolous, corticolous on coniferous and deciduous trees

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**LECIDEA** Ach. – 14 + 1

Est.: nāsasamblik

?‘**ALBOFUSCESCENS**’ Nyl. – Trass, 1970Syn.: *Biatora albofuscescens* (Nyl.) Arnold

Ecol.: corticolous (on deciduous trees)

Distr.: WIs

Freq.: rr

‘**ALBOHYALINA**’ (Nyl.) Th. Fr. – SSyn.: *Biatora albohyalina* (Nyl.) Bagl. & Carestia*Lecidea anomala* f. *albohyalina* Nyl.

Ecol.: corticolous on deciduous trees

Distr.: NW

Freq.: rr

‘**BOTRYOSA**’ (Fr.) Th. Fr. – ICEB, TUSyn.: *Biatora botryosa* Fr.

Ecol.: lignicolous

Distr.: NE, SE

Freq.: rr

**CONFLUENS** (Weber) Ach. – H, RIG, TU

Ecol.: saxicolous on granite

Distr.: WIs

Freq.: r

‘**ERYTHROPHAEA**’ Flörke ex Sommerf. – S, TUSyn.: *Biatora erythrophaea* (Flörke) Fr.*Lecidea tenebricosa* auct.

Ecol.: corticolous on deciduous trees

Distr.: NW, SE, WIs

Freq.: r

**FUSCOATRA** (L.) Ach. – H, ICEB, IE, LD, TAL, TBA, TU

Ecol.: saxicolous on granite

Distr.: NW, NE, SE, WIs

Freq.: st fq

?‘**HYPOPTA**’ Ach. – Räsänen, 1931Syn.: *Biatora hypopta* (Ach.) Räsänen*Lecanora hypopta* (Ach.) Vain.

Ecol.: corticolous on coniferous trees

Distr.: WIs

Freq.: rr

**LAPICIDA** (Ach.) Ach.var. **LAPICIDA** – ICEB, IE, LD, TBA, TU

Ecol.: saxicolous on granite

Distr.: NW, WIs

Freq.: st r

var. **PANTHERINA** Ach. – H, IE, LD, RIG, TBA, TUSyn.: *Lecidea lactea* Flörke ex Schaer.*Lecidea pantherina* (Ach.) Th. Fr.

Ecol.: saxicolous on granite

Distr.: NW, WIs

Freq.: st fq

‘**NYLANDERI**’ (Anzi) Th. Fr. – RIG, TUEcol.: corticolous on *Pinus sylvestris*

Distr.: NW, WIs

Freq.: r

**PLANA** (J. Lahm) Nyl.– TUSyn.: *Lecidea latypea* Ach.

Ecol.: saxicolous on granite

Distr.: SE, WIs

Freq.: r

? **SARCOGYNOIDES** Körb. – Bruttan, 1870

Ecol.: saxicolous on granite

Distr.: WIs

Freq.: r

**SYMMICTELLA** Nyl. – TU

Ecol.: lignicolous

Distr.: WIs

Freq.: rr

**TESSELATA** Flörke – LD, TU

Ecol.: saxicolous on granite

Distr.: NW, WIs

Freq.: st r

‘**TURGIDULA**’ Fr. – H, ICEB, LD, TUSyn.: *Biatora turgidula* (Fr.) Nyl.Ecol.: corticolous on *Pinus sylvestris*

Distr.: NW, NE, SE, SW, WIs

Freq.: fq

**LECIDELLA** Körb. – 5

Est.: kärnsamblik

**CARPATICA** Körb. – RIG, TUSyn.: *Lecidea carpathica* (Körb.) Szatala*Lecidea latypiza* Nyl.

Ecol.: saxicolous on granite

Distr.: WIs

Freq.: rr



**ELAECHROMA** (Ach.) M. Choisy – H, ICEB, IE, LD, S, TAL, TBA, TU

Est.: piir-kärnsamblik

Syn.: *Lecidea elaeochroma* (Ach.) Ach.*Lecidea limitata* auct.*Lecidea olivacea* (Hoffm.) A. Massal.*Lecidea parasema* auct.*Lecidella achristotera* (Nyl.) Hertel & Leuckert pro parte

Ecol.: corticolous on deciduous trees, rarely on coniferous trees and lignicolous

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**EUPHOREA** (Flörke) Hertel – H, ICEB, IE, S, TAL, TBA, TU

Est.: kera-kärnsamblik

Syn.: *Lecidea euphorea* (Flörke) Nyl.*Lecidea glomerulosa* (DC.) M. Choisy*Lecidella achristotera* (Nyl.) Hertel & Leuckert pro parte

Ecol.: corticolous on deciduous trees, rarely on coniferous trees and lignicolous

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**SCABRA** (Taylor) Hertel & Leuckert – IE, UPSSyn.: *Lecidea scabra* Taylor

Ecol.: saxicolous on granite

Distr.: WIs

Freq.: rr

**STIGMATEA** (Ach.) Hertel & Leuckert – H, ICEB, IE, LD, S, TBA, TUSyn.: *Lecidea incongrua* Nyl.*Lecidea stigmatea* Ach.

Ecol.: saxicolous on calcareous rocks and granite

Distr.: NW, WIs

Freq.: fq

**LEMPHOLEMMA** Körb. – 2

Est.: liistsamblik

**ISIDIODES** (Nyl. ex Arnold) H. Magn. – LD, TU

Est.: pisi-liistsamblik

Syn.: *Collema isidiodes* Nyl. ex Arnold

Ecol.: saxicolous on calcareous rocks

Distr.: WIs

Freq.: rr

**\* POLYANTHES** (Bernh.) Malme – TU

Est.: sambla-liistsamblik

Syn.: *Lempholemma myriococcum* (Ach.) Th. Fr.

Ecol.: on mosses growing on calciferous substrata

Distr.: NW

Freq.: rr

**LEPRARIA** Ach. – 9

Est.: löövesamblik

**BOREALIS** Lohtander & Tønsberg – TU

Ecol.: saxicolous on granite, rarely lignicolous

Distr.: NW, NE, SW, WIs

Freq.: r

**CRASSISSIMA** auct. – IE, TUEcol.: corticolous on coniferous trees (mainly *Picea*)

Distr.: WIs

Freq.: r

**EBURNEA** J. R. Laundon – ICEB, TU, UPSEcol.: corticolous on deciduous trees (*Fraxinus*), on mosses

Distr.: NW, NE, SW, WIs

Freq.: st r

**ELOBATA** Tønsberg – ICEB, IE, TU

Ecol.: corticolous on coniferous and deciduous trees, on mosses

Distr.: SE, WIs

Freq.: r

**FRIGIDA** J. R. Laundon – ICEB, TU

Ecol.: corticolous on deciduous trees, lignicolous

Distr.: NW, NE

Freq.: r

**INCANA** (L.) Ach. – H, ICEB, IE, S, TU

Est.: jahu-löövesamblik

Syn.: *Lepraria aeruginosa* auct.

Ecol.: corticolous on coniferous and deciduous trees, lignicolous, on plant debris, on soil

Distr.: NW, SE, WIs

Freq.: fq

**JACKII** Tønsberg – ICEB, TU

Ecol.: corticolous on coniferous and deciduous trees, on mosses

Distr.: NW, SE, SW, WIs

Freq.: st fq

**LOBIFICANS** Nyl. – TU, UPS

Ecol.: corticolous on coniferous and deciduous trees, on mosses, on soil, on sandstone

Distr.: NW, NE, SE, SW, WIs

Freq.: fq

**NEGLECTA** (Nyl.) Erichsen – IE, TUSyn.: *Crocynia neglecta* (Nyl.) Hue

Ecol.: saxicolous on granite, rarely corticolous on coniferous trees

Distr.: SW, WIs

Freq.: r

**UMBRICOLA** Tønsberg – TU

Ecol.: corticolous on coniferous and deciduous trees, rarely lignicolous or saxicolous on sandstone

Distr.: NW, SE, SW, WIs

Freq.: st r

**LEPTOGIUM** (Ach.) Gray – 11

Est.: tardsamblik

? **BYSSINUM** (Hoffm.) Nyl. – Trass, 1970

Est.: koorik-tardsamblik

Syn.: *Leptogium amphineum* Ach. ex Nyl.

Ecol.: on sandy soil

Distr.: SW

Freq.: rr

**CYANESCENS** (Rabenh.) Körb. – Trass, 1970

Est.: sinakas tardsamblik  
 Syn.: *Leptogium tremelloides* auct. p.p.  
 Ecol.: on mosses growing on rocks  
 Distr.: NW  
 Freq.: rr

**GELATINOSUM** (With.) J. R. Laundon – ICEB, TU, UPS

Est.: pruun tardsamblik  
 Syn.: *Leptogium scotinum* (Ach.) Fr.  
       *Leptogium sinuatum* (Huds.) A. Massal.  
 Ecol.: on mosses  
 Distr.: NW, WIs  
 Freq.: r

**LICHENOIDES** (L.) Zahlbr. – ICEB, LD, S, TAL, TU, UPS

Est.: harilik tardsamblik  
 Syn.: *Leptogium lacerum* (Retz.) Gray  
 Ecol.: on calciferous soil and rocks, rarely on mosses growing on deciduous trees  
 Distr.: NW, NE, SW, WIs  
 Freq.: st fq

\* **PLICATILE** (Ach.) Leight. – TU

Est.: tume tardsamblik  
 Syn.: *Collema hydrocharum* (Ach.) Ach.  
 Ecol.: saxicolous on calcareous rocks occasionally inundated  
 Distr.: NE  
 Freq.: rr

**RIVULARE** (Ach.) Mont – TU

Est.: oja-tardsamblik  
 Ecol.: saxicolous on granite periodically inundated  
 Distr.: SW  
 Freq.: rr

**SATURNINUM** (Dicks.) Nyl. – ICEB, TAL, TU

Est.: haava-tardsamblik  
 Ecol.: corticolous on deciduous trees, mainly *Populus tremula*  
 Distr.: NW, NE, SE, SW  
 Freq.: st fq

**SCHRADERI** (Bernh.) Nyl. – S

Est.: padjand-tardsamblik  
 Ecol.: on calciferous soil  
 Distr.: WIs  
 Freq.: rr

**SUBTILE** (Schrad.) Torss. – TU

Est.: väike tardsamblik  
 Syn.: *Leptogium minutissimum* (Flörke) Fr.  
 Ecol.: on calciferous soil among mosses  
 Distr.: NW, WIs  
 Freq.: r

**TENUISSIMUM** (Dicks.) Körb. – TU

Est.: õrn tardsamblik  
 Ecol.: on calciferous soil and rocks among mosses  
 Distr.: NW, WIs  
 Freq.: rr

**TERETIUSCULUM** (Wallr.) Arnold – UPS

Est.: sõrmjas tardsamblik  
 Ecol.: corticolous on deciduous trees (*Fraxinus*)  
 Distr.: NW  
 Freq.: rr

**LEPTORHAPHIS** Körb. – 2+**EPIDERMIDIS** (Ach.) Th. Fr. – TU

Syn.: *Campylacia epidermidis* (Ach.) Vain.  
*Leptorhaphis oxyspora* (Nyl.) Körb.  
 Ecol.: corticolous on *Betula*  
 Distr.: NW, NE, SE, SW  
 Freq.: st r

+**TREMULAE** Körb. –TU

Ecol.: corticolous on *Populus tremula*  
 Distr.: SE  
 Freq.: rr

**LICHENOCONIUM** Petr. & Sydow – 2#**ERODENS** M. S. Christ & D. Hawksw. – TU

Ecol.: lichenicolous on thallus of *Pertusaria*  
 Distr.: SE  
 Freq.: rr

#**XANTHORIAE** M. S. Christ – TU

Ecol.: lichenicolous on thallus and apothecia of *Melanelia olivacea*  
 Distr.: SE, WIs  
 Freq.: rr

**LOBARIA** (Schreb.) Hoffm. – 2

Est.: kopsusamblik

**PULMONARIA** (L.) Hoffm. – ICEB, IE, S, TAL, TU

Est.: harilik kopsusamblik  
 Ecol.: corticolous on deciduous trees, rarely on *Picea abies*  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq

Com.: distribution strongly decreasing; more than 60 localities known altogether,  
 found only in ca 20 localities (in all regions) since 1980

**SCROBICULATA** (Scop.) DC. – TU

Est.: krobeline kopsusamblik  
 Syn.: *Lobaria verrucosa* (Huds.) Hoffm.  
 Ecol.: corticolous on deciduous trees  
 Distr.: SE  
 Freq.: rr

**LOBOTHALLIA** (Clauzade & Cl. Roux) Hafellner – 1\* **RADIOSA** (Hoffm.) Hafellner – TU

Syn.: *Aspicilia radiosa* (Hoffm.) Poelt & Leuckert  
*Lecanora radiosa* (Hoffm.) Schaer.  
 Ecol.: saxicolous on calcareous rocks  
 Distr.: NW  
 Freq.: rr

**LOPADIUM** Kõrb. – 1**DISCIFORME** (Flot.) Kullh. – TUSyn.: *Lopadium pezizoideum* (Ach.) Kõrb. pro parte

Ecol.: corticolous on coniferous trees

Distr.: NE, SE

Freq.: rr

**LOXOSPORA** A. Massal. – 1**ELATINA** (Ach.) A. Massal. – TUSyn.: *Haematomma elatinum* (Ach.) A. Massal.

Ecol.: corticolous on deciduous, rarely on coniferous trees

Distr.: NW, NE, SE, SW

Freq.: r

**MEGALARIA** Hafellner – 1

Est.: nõõpsamblik

**GROSSA** (Pers. ex Nyl.) Hafellner – ICEB, TU

Est.: suur nõõpsamblik

Syn.: *Catillaria leucoplaca* auct.*Catinarina grossa* (Pers. ex Nyl.) Vain.Ecol.: corticolous on deciduous trees (*Populus tremula*, *Fraxinus*, *Quercus*)

Distr.: NW, SW, WIs

Freq.: st r

**MEGASPORA** (Clauzade & Cl. Roux) Hafellner & V. Wirth – 1**VERRUCOSA** (Ach.) Hafellner & V. Wirth – ICEB, TUSyn.: *Aspicilia mutabilis* (Ach.) Kõrb.*Aspicilia verrucosa* (Ach.) Kõrb.

Ecol.: on mosses growing on calciferous soil

Distr.: NE, WIs

Freq.: r

**MELANELIA** Essl. – 14

Est.: pruunsamblik

**COMMIXTA** (Nyl.) A. Thell – TU

Est.: kivi-pruunsamblik

Syn.: *Cetraria commixta* (Nyl.) Th. Fr.*Cetraria fahlunensis* (L.) Vain.

Ecol.: saxicolous on granite rocks

Distr.: WIs

Freq.: rr

**DISJUNCTA** (Erichsen) Essl. – ICEB, TU, UPS

Est.: lapp-pruunsamblik

Syn.: *Parmelia disjuncta* Erichsen

Ecol.: saxicolous on granite rocks

Distr.: NW, SW, WIs

Freq.: st fq

? **ELEGANTULA** (Zahlbr.) Essl. – Mereschkowski, 1913

Est.: sale pruunsamblik

Syn.: *Parmelia elegantula* (Zahlbr.) Szatala

Ecol.: corticolous on deciduous trees

Distr.: NW

Freq.: rr

**EXASPERATA** (De Not.) Essl. – ICEB, IE, LD, S, TAL, TU

Est.: näsa-pruunsamblik

Syn.: *Parmelia aspera* A. Massal.*Parmelia aspidota* (Ach.) Poetsch*Parmelia exasperata* De Not.

Ecol.: corticolous on deciduous trees, very rarely on coniferous trees and saxicolous

Distr.: NW, NE, SE, WIs

Freq.: fq

Com.: probably distributed in all regions

**EXASPERATULA** (Nyl.) Essl. – ICEB, IE, LD, TAL, TBA, TU

Est.: nui-pruunsamblik

Syn.: *Parmelia exasperatula* Nyl.*Parmelia papulosa* (Anzi) Vain.

Ecol.: corticolous on coniferous and deciduous trees, rarely saxicolous and lignicolous

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**FULIGINOSA** (Fr. ex Duby) Essl. – ICEB, IE, S, TAL, TBA, TU, UPS

Est.: mustjas pruunsamblik (incl. rohekas pruunsamblik)

Syn.: *Parmelia fuliginosa* (Fr. ex Duby) Nyl.*Parmelia glabratula* Lamy*Parmelia laetevirens* (Flot.) Rosend.

Ecol.: saxicolous on granite rocks, corticolous on coniferous and deciduous trees

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**GLABRA** (Schaer.) Essl. – TU

Est.: sile pruunsamblik

Syn.: *Parmelia glabra* (Schaer.) Nyl.

Ecol.: corticolous on deciduous trees

Distr.: SW

Freq.: rr

**HEPATIZON** (Ach.) A. Thell – ICEB, IE, TU

Est.: tume pruunsamblik

Syn.: *Cetraria hepatizon* (Ach.) Vain.*Tuckermannopsis hepatizon* (Ach.) Kurok.

Ecol.: saxicolous on granite rocks

Distr.: NW

Freq.: r

**OLIVACEA** (L.) Essl. – ICEB, LD, S, TAL, TU

Est.: kase-pruunsamblik

Syn.: *Parmelia olivacea* (L.) Ach.Ecol.: corticolous on deciduous (mainly on *Betula*) and coniferous trees, rarely on lignum

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**SEPTENTRIONALIS** (Lyngé) Essl. – TU

Est.: põhja-pruunsamblik

Syn.: *Parmelia septentrionalis* (Lyngé) Ahti

Ecol.: corticolous on coniferous and deciduous trees

Distr.: NE, SE, SW

Freq.: r

**SOREDIATA** (Ach.) Goward & Ahti – ICEB, TAL, TU

Est.: täpp-pruunsamblik

Syn.: *Parmelia sorediosa* Almb.*Parmelia sorediata* (Ach.) Th. Fr.

Ecol.: saxicolous on granite rocks

Distr.: NW, NE, SE, SW, WIs

Freq.: fq

**STYGIA** (L.) Essl. – ICEB, IE, TU

Est.: läikiv pruunsamblik

Syn.: *Parmelia stygia* (L.) Ach.

Ecol.: saxicolous on granite rocks

Distr.: NW, NE, SE

Freq.: st r

**SUBARGENTIFERA** (Nyl.) Essl. – ICEB, IE, TAL, TBA, TU

Est.: hõbe-pruunsamblik

Syn.: *Parmelia subargentifera* Nyl.

Ecol.: corticolous on deciduous trees

Distr.: NW, NE, SE, SW

Freq.: fq

Com.: probably distributed in all regions

**SUBAURIFERA** (Nyl.) Essl. – ICEB, IE, LD, TAL, TBA, TU

Est.: kuld-pruunsamblik

Syn.: *Parmelia subaurifera* Nyl.

Ecol.: corticolous on deciduous and coniferous trees, rarely saxicolous (on granite)

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**MELASPILEA** Nyl. – 1\*+**GIBBERULOSA** (Ach.) Zwackh – TU

Ecol.: corticolous on deciduous trees

Distr.: WIs

Freq.: rr

**MENEGAZZIA** A. Massal. – 1

Est.: poorsamblik

**TEREBRATA** (Hoffm.) A. Massal. – ICEB, TU

Est.: harilik poorsamblik

Syn.: *Menegazzia pertusa* (Schrank) SteinEcol.: corticolous on deciduous (mainly *Alnus*, *Betula*) and coniferous trees (*Picea*)

Distr.: NW, NE, SE, SW

Freq.: st fq

**MICAREA** Fr. – 12**CINEREA** (Schaer.) Hedl. – TUSyn.: *Bacidia cinerea* (Schaer.) Trevis.Ecol.: on base of *Picea*

Distr.: SW

Freq.: rr

**DENIGRATA** (Fr.) Hedl. – ICEB, LD, S, TUSyn.: *Catillaria denigrata* (Fr.) Hedl.Ecol.: lignicolous, corticolous on *Pinus*

Distr.: NW, SE, SW, WIs

Freq.: st fq

**HEDLUNDII** Coppins – ICEBEcol.: lignicolous on wood of *Juniperus*

Distr.: NE

Freq.: rr

**LIGNARIA** (Ach.) Hedl. – LDSyn.: *Bacidia gomphillacea* (Nyl.) Zahlbr.

Ecol.: lignicolous

Distr.: WIs

Freq.: rr

**MELAENA** (Nyl.) Hedl. – ICEB, TUSyn.: *Bacidia melaena* (Nyl.) Zahlbr.Ecol.: corticolous on *Pinus*, rarely on *Betula*, lignicolous

Distr.: NW, NE, SE, SW

Freq.: st fq

**MELANOBOLA** (Nyl.) Coppins – ICEB, TUSyn.: *Catillaria melanobola* (Nyl.) Vain.*Lecidea melanobola* Nyl.Ecol.: corticolous on deciduous (*Alnus glutinosa*) and coniferous trees (*Picea*)

Distr.: NW, NE, SE

Freq.: r

**MISELLA** (Nyl.) Hedl. – ICEB, LD, S

Ecol.: lignicolous

Distr.: NW, SE, WIs

Freq.: r

**NITSCHKEANA** (J. Lahm ex Rabenh.) Harm. – ICEB, TU, UPSSyn.: *Bacidia nitschkeana* (J. Lahm ex Rabenh.) Zahlbr.Ecol.: corticolous on coniferous trees (*Pinus*), lignicolous

Distr.: NW, NE, SW, WIs

Freq.: st r

**PELIOCARPA** (Anzi) Coppins & R. Sant. – ICEB, TU, UPSSyn.: *Bacidia trisepta* (Hellb.) Zahlbr.Ecol.: corticolous on coniferous (*Pinus*) and deciduous trees (*Betula*)

Distr.: NW, NE, SE

Freq.: st r

**PRASINA** Fr. – ICEB, IE, S, TUSyn.: *Catillaria prasina* (Fr.) Vain.*Catillaria sordidescens* (Nyl.) Vain.Ecol.: corticolous on deciduous (*Alnus*, *Betula*) and coniferous trees (*Picea*)

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**TERNARIA** (Nyl.) Vezda – TUSyn.: *Bacidia ternaria* (Nyl.) Lettau

Ecol.: saxicolous on granite and sandstone rocks

Distr.: SE, WIs

Freq.: rr

**TURFOSA** (A. Massal.) Du Rietz – TUSyn.: *Lecidea turfosa* (A. Massal) Jatta*Lecidea verrucula* (Norman) Th. Fr.

Ecol.: on mosses (turf)

Distr.: NW

Freq.: rr



**MICROCALICIUM** Vain. emend. Tibell – 3+**AHLNERI** Tibell – TU

Ecol.: saprophytic on lignum

Distr.: NE

Freq.: rr

+**ARENARIUM** (Hampe ex A. Massal) Tibell – RIG, TUSyn.: *Calicium arenarium* (A. Massal.) Hampe ex Körb.Ecol.: saxicolous on sandstone or parasitic on *Psilolechia lucida*, rarely corticolous on deciduous trees

Distr.: NE, SE

Freq.: r

#**DISSEMINATUM** (Ach.) Vain. – LD, S, TU, UPSSyn.: *Microcalicium subpedicellatum* (Ach.) TibellEcol.: parasitic, mainly on *Chaenotheca chrysocephala*

Distr.: NW, NE, SE, WIs

Freq.: st fq

**MIRIQUIDICA** Hertel & Rambold – 1**DEUSTA** (Stenham.) Hertel & Rambold – LD, TU, UPSSyn.: *Lecidea deusta* (Stenham.) Nyl.*Lecidea deustata* Zahlbr.

Ecol.: saxicolous on granite

Distr.: WIs

Freq.: rr

**MUELLERELLA** Hepp ex Müll. Arg. – 1#**HOSPITANS** Stizenb. – TUEcol.: lichenicolous on apothecia of *Bacidia fraxinea*

Distr.: NW, SW, WIs

Freq.: r

**MULTICLAVULA** R. H. Petersen – 2

Est.: hariksamblik

**MUCIDA** (Pers. : Fr.) R. H. Petersen – TAA, TU

Est.: limane hariksamblik (limane puiduharik)

Syn.: *Lentaria mucida* (Fr.) CornerEcol.: on decaying wood of *Populus tremula* or *Betula*

Distr.: NW, NE, SE, SW

Freq.: st r

**VERNALIS** (Schwein.) R. H. Petersen – TAA

Est.: kevadine hariksamblik (kevadine pisiharik)

Syn.: *Clavulinopsis vernalis* (Schwein.) Corner

Ecol.: on sandy soil

Distr.: SE

Freq.: rr

**MYCOBILIMBIA** Rehm – 6**BERENGERIANA** (A. Massal.) Hafellner & V. Wirth – LD, S, TU, UPSSyn.: *Lecidea berengeriana* (A. Massal.) Th. Fr.

Ecol.: on mosses

Distr.: NW, WIs

Freq.: st r

**CARNEALBIDA** (Müll. Arg.) comb. ined. – ICEB, TUSyn.: *Bacidia sphaeroides* auct.*Biatora sphaeroides* auct.

Ecol.: on mosses

Distr.: NW, NE, SE, SW

Freq.: st r

**HYPNORUM** (Lib.) Kalb & Hafellner – LD, TU, UPSSyn.: *Lecidea hypnorum* Lib.*Lecidea sanguineoatra* (Wulfen) Ach.

Ecol.: on mosses

Distr.: WIs

Freq.: r

**LOBULATA** (Sommerf.) Hafellner – LD, TUSyn.: *Toninia lobulata* (Sommerf.) Lynge*Toninia syncomista* (Flörke) Th. Fr.

Ecol.: on mosses

Distr.: WIs

Freq.: r

**MICROCARPA** (Th. Fr.) Lettau – TUSyn.: *Bacidia microcarpa* (Th. Fr.) Lettau

Ecol.: on mosses, on soil, saxicolous on sandstone

Distr.: NW, NE, SE, WIs

Freq.: r

**TETRAMERA** (De Not.) comb. ined. – ICEB, TUSyn.: *Bacidia obscurata* (Sommerf.) Zahlbr.

Ecol.: on mosses

Distr.: NW, NE, SE, WIs

Freq.: st r

**MYCOBLASTUS** Norman – 3

Est.: vistarsamblik

**ALPINUS** (Fr.) Kernst. – TUSyn.: *Pertusaria efflorescens* Vain.Ecol.: corticolous on *Betula*

Distr.: SW

Freq.: rr

**FUCATUS** (Stirt.) Zahlbr. – LD, S, TUSyn.: *Mycoblastus sterilis* (Coppins) P. James

Ecol.: corticolous on deciduous trees

Distr.: NW, WIs

Freq.: r

**SANGUINARIUS** (L.) Norman – ICEB, IE, TAL, TU

Est.: punetav vistarsamblik

Ecol.: corticolous on coniferous (*Pinus*, *Picea*) and deciduous trees (*Betula*)

Distr.: NW, NE, SE, SW, WIs

Freq.: st fq

**MYCOCALICIUM** Vain. – 1**+SUBTILE** (Pers.) Szatala – H, LD, TUSyn.: *Calicium subtile* Pers.*Mycocalicium parietinum* (Ach.) D. Hawksw.

Ecol.: saprophytic on lignum

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**MYCOMICROTHELIA** Keissl. – 2+**CONFUSA** D. Hawksw. – TUEcol.: corticolous on *Alnus glutinosa*

Distr.: SE

Freq.: rr

+**WALLROTHII** (Hepp) D. Hawksw. – TUSyn.: *Microthelia betulina* J. Lahn ex Körb.Ecol.: corticolous on *Betula*

Distr.: NW, NE, SE, SW, WIs

Freq.: st r

**NEOFUSCELIA** Essl. – 3 + 1

Est.: ruugsamblik

**LOXODES** (Nyl.) Essl. – IE, TAL, TU, UPS

Est.: kera-ruugsamblik

Syn.: *Parmelia isidiotyla* Nyl.*Parmelia loxodes* Nyl.

Ecol.: saxicolous on granite

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**PULLA** (Ach.) Essl.

Est.: paljas ruugsamblik

var. **DELISEI** (Duby) R. Sant. – H, TUSyn.: *Neofuscelia delisei* (Duby) Essl.*Parmelia delisei* (Duby) Nyl.*Parmelia pulla* var. *delisei* (Duby) H. Magn.

Ecol.: saxicolous on granite

Distr.: NW, NE, SE, SW, WIs

Freq.: st r

var. **PULLA** – ICEB, S, TU, UPS*Parmelia prolixa* (Ach.) Carroll*Parmelia pulla* Ach.

Ecol.: saxicolous on granite

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**VERRUCULIFERA** (Nyl.) Essl. – H, TU

Est.: näsa-ruugsamblik

Syn.: *Parmelia glomellifera* (Nyl.) Nyl.*Parmelia verruculifera* Nyl.

Ecol.: saxicolous on granite

Distr.: NW, NE, WIs

Freq.: r

**NEPHROMA** Ach. – 7

Est.: neersamblik

\***ARCTICUM** (L.) Torss. – TU

Est.: tundra-neersamblik

Ecol.: on mosses

Distr.: NE

Freq.: rr

**BELLUM** (Spreng.) Tuck. – TU

Est.: kaunis neersamblik

Ecol.: corticolous on deciduous trees and on mosses

Distr.: NW, SW

Freq.: rr

\* **HELVETICUM** Ach. – TU

Est.: shveitsi neersamblik

Ecol.: corticolous on coniferous trees (trunks and thin branches), on mosses

Distr.: NW

Freq.: r

**ISIDIOSUM** (Nyl.) Gyeln. – TU

Est.: kare neersamblik

Ecol.: saxicolous on granite

Distr.: NW, NE, SE

Freq.: r

**LAEVIGATUM** Ach. – TU

Est.: sile neersamblik

Syn.: *Nephroma lusitanicum* Schaer.

Ecol.: corticolous on deciduous trees, rarely saxicolous on granite

Distr.: NW, SE, SW, WIs

Freq.: st fq

**PARILE** (Ach.) Ach. – TAL, TU

Est.: harilik neersamblik

Ecol.: corticolous on deciduous trees, on mosses, saxicolous on granite

Distr.: NW, SE, SW, WIs

Freq.: st fq

**RESUPINATUM** (L.) Ach. – TU

Est.: kääv-neersamblik

Syn.: *Nephroma tomentosum* (Hoffm.) Flot.

Ecol.: corticolous on coniferous trees (on thin branches), on mosses

Distr.: NW, NE

Freq.: r

**NORMANDINA** Ach. – 1**ACROGLYPTA** (Norman) Aptroot – UPSSyn.: *Lauderlindsaya acroglypta* (Norman) R. Sant.*Thelidium acroglyptum* NormanEcol.: corticolous on deciduous trees (*Malus, Tilia*)

Distr.: NW, WIs

Freq.: rr

**OCHROLECHIA** A. Massal. – 11

Est.: purusamblik

**ALBOFLAVESCENS** (Wulfen) Zahlbr. – TAL, TUEcol.: corticolous on coniferous trees (*Pinus, Picea*)

Distr.: NW, NE, SE, SW

Freq.: fq

Com.: probably distributed in all regions

**ANDROGYNA** (Hoffm.) Arnold – LD, S, TU

Ecol.: corticolous on coniferous and deciduous trees, saxicolous on granite, on mosses

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**ARBOREA** (Kreyer) Almb. – LD, S, TU

Ecol.: corticolous on deciduous and coniferous trees

Distr.: NW, SW, WIs

Freq.: st fq

**FRIGIDA** (Sw.) Lynge – TU

Ecol.: on mosses and plant debris

Distr.: NW, SW

Freq.: rr

**MICROSTICTOIDES** Räsänen – LD, TU

Ecol.: corticolous on deciduous and coniferous trees, lignicolous

Distr.: NW, NE, SW, WIs

Freq.: st r

**PALLESCENS** (L.) A. Massal. – LD, TU

Ecol.: corticolous on deciduous trees (*Populus*, *Quercus*)

Distr.: NE, SE, SW, WIs

Freq.: st r

**SUBVIRIDIS** (Høeg) Erichsen – ICEB, TU, UPS

Syn.: *Ochrolechia bahusiensis* H. Magn.

Ecol.: corticolous on deciduous and coniferous trees

Distr.: NW, NE, SW, WIs

Freq.: st r

**SZATALAËNSIS** Versegghy – TBA, TU

Ecol.: corticolous on deciduous (*Acer*, *Quercus*) and coniferous trees (*Juniperus*)

Distr.: NW, WIs

Freq.: rr

?**TARTAREA** (L.) A. Massal. – Bruttan, 1870

Ecol.: saxicolous on granite

Distr.: NW

Freq.: rr

**TURNERI** (Sm.) Hasselrot – S, UPS

Ecol.: corticolous on deciduous trees (*Fraxinus*)

Distr.: NW, WIs

Freq.: rr

**UPSALIENSIS** (L.) A. Massal. – TU, UPS

Ecol.: corticolous (on *Juniperus*)

Distr.: WIs

Freq.: rr

**OMPHALINA** Quélet – 1

Est.: sölgsamblik

**UMBELLIFERA** (L.: Fr.) Quélet – TAA, TU

Est.: turba-sölgsamblik (turbasölik)

Syn.: *Botrydina botryoides* (L.) Redh. & Kuyper

*Botrydina vulgaris* Bréb.

*Omphalina ericetorum* (Fr.: Fr.) M. Lange

Ecol.: on soil, on mosses, on decaying wood

Distr.: NW, NE, SE, SW

Freq.: st fq

**OPEGRAPHA** Ach. – 9 + 1

Est.: kiiriksamblik

**ATRA** Pers. – S, TU

Ecol.: corticolous on deciduous trees

Distr.: NW, NE, WIs

Freq.: st r

**HERBARUM** Mont. – UPSEcol.: corticolous on deciduous trees (*Fraxinus*)

Distr.: NW

Freq.: rr

**OCHROCHEILA** Nyl. – S, TUSyn.: *Opegrapha rubescens* Sandst.

Ecol.: corticolous on deciduous trees (on bases of trunks)

Distr.: NW

Freq.: rr

**RUFESCENS** Pers. – ICEB, LD, S, TBA, TUSyn.: *Opegrapha herpetica* (Ach.) Ach.

Ecol.: corticolous on deciduous trees

Distr.: NW, NE, SE, SW, WIs

Freq.: fq

\* **RUPESTRIS** Pers. – TUSyn.: *Opegrapha centrifuga* A. Massal.*Opegrapha saxatilis* DC.*Opegrapha saxicola* Ach.

Ecol.: saxicolous on calcareous rocks

Distr.: NW

Freq.: rr

**SOREDIIIFERA** P. James – TU, UPS

Ecol.: corticolous on deciduous trees

Distr.: SW

Freq.: rr

**VARIA** Pers. – LD, S, TBA, TU, UPSSyn.: *Opegrapha diaphora* Ach.*Opegrapha lichenoides* Pers.*Opegrapha pulicaris* auct.

Ecol.: corticolous on deciduous trees

Distr.: NW, NE, SE, SW, WIs

Freq.: fq

**VIRIDIS** (Pers. ex Ach.) Behlen & Desberger – TU

Ecol.: corticolous on deciduous trees

Distr.: WIs

Freq.: r

**VULGATA** Ach.var. **SUBSIDERELLA** Nyl. – LD, S, TUSyn.: *Opegrapha niveoatra* (Borrer) J. R. Laundon*Opegrapha subsiderella* (Nyl.) Arnold

Ecol.: corticolous on deciduous trees, occasionally on coniferous trees

Distr.: NW, NE, SW, WIs

Freq.: st fq

var. **VULGATA** – TBA, TUSyn.: ?*Opegrapha cinerea* Chevall.

Ecol.: corticolous on coniferous and deciduous trees

Distr.: NW, NE, SE, SW, WIs

Freq.: st fq

**OPHIOPARMA** Norman – 1**VENTOSA** (L.) Norman – LDSyn.: *Haematomma ventosum* (L.) A. Massal.

Ecol.: saxicolous on granite

Distr.: NW

Freq.: rr

**PACHYPHIALE** Lönnr. – 1**FAGICOLA** (Hepp) Zwackh – ICEB, LD, TU

Ecol.: corticolous on deciduous trees

Distr.: SE, WIs

Freq.: r

**PANNARIA** Delise – 2

Est.: sinisamblik

**LEUCOPHAEA** (Vahl) P. M. Jørg. – TU

Est.: kalju-sinisamblik

Syn.: *Pannaria microphylla* (Sw.) Delise

Ecol.: saxicolous on granite

Distr.: NW, NE, SE, WIs

Freq.: r

**PEZIZOIDES** (Weber) Trevis. – ICEB, TU

Est.: harilik sinisamblik

Ecol.: on mossy rocks, on soil

Distr.: SE, SW

Freq.: r

**PARMELIA** Ach. – 4

Est.: lapiksamblik

**FRAUDANS** (Nyl.) Nyl. – TU

Est.: petlik lapiksamblik

Ecol.: saxicolous on granite

Distr.: NW

Freq.: rr

**OMPHALODES** (L.) Ach. – ICEB, TAL, TU

Est.: kriips-lapiksamblik

Ecol.: saxicolous on granite

Distr.: NW, WIs

Freq.: st r

**SAXATILIS** (L.) Ach. – ICEB, IE, S, TAL, TBA, TU

Est.: kivi-lapiksamblik

Ecol.: on granite, rarely on deciduous and coniferous trees

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**SULCATA** Taylor – ICEB, IE, S, TAL, TBA, TU

Est.: vagu-lapiksamblik

Ecol.: corticolous and saxicolous

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**PARMELIELLA** Müll. Arg. – 1

Est.: nõgisamblik

**TRIPTOPHYLLA** (Ach.) Müll. Arg. – TU

Est.: väike nõgisamblik

Syn.: *Parmeliella corallinoides* auct.

Ecol.: corticolous on deciduous trees

Distr.: NW, SE, SW

Freq.: st r

**PARMELINA** Hale – 1

Est.: salusamblik

**TILIACEA** (Hoffm.) Hale – ICEB, TBA, TU, UPS

Est.: pärna-salusamblik

Syn.: *Parmelia scorteae* (Ach.) Ach.*Parmelia titiacea* (Hoffm.) Ach.

Ecol.: corticolous on deciduous trees

Distr.: NW, SE, SW, WIs

Freq.: st fq

**PARMELIOPSIS** Nyl. – 2

Est.: lagusamblik

**AMBIGUA** (Wulfen) Nyl. – ICEB, IE, S, TAL, TBA, TU

Est.: kollane lagusamblik

Syn.: *Foraminella ambigua* (Wulfen) S. L. F. Meyer

Ecol.: corticolous on coniferous and deciduous trees, lignicolous; rarely saxicolous on granite

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**HYPEROPTA** (Ach.) Arnold – ICEB, IE, LD, TAL, TU

Est.: tera-lagusamblik

Syn.: *Foraminella hyperopta* (Ach.) S. L. F. Meyer

Ecol.: corticolous on coniferous and deciduous trees, lignicolous

Distr.: NW, NE, SW, WIs

Freq.: fq

Com.: probably distributed in all regions

**PELTIGERA** Willd. – 20

Est.: kilpsamblik

**APHTHOSA** (L.) Willd. – ICEB, IE, TAL, TU

Est.: tähn-kilpsamblik

Ecol.: on soil, on stumps, on rocks and on bases of trunks

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**CANINA** (L.) Willd. – ICEB, IE, TAL, TU

Est.: koer-kilpsamblik

Ecol.: on soil, on mosses

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**COLLINA** (Ach.) Schrad. – TU

Est.: serva-kilpsamblik

Syn.: *Peltigera scutata* (Ach.) Duby

Ecol.: on bases of deciduous trees and stumps, on rocks among mosses

Distr.: NW, WIs

Freq.: r



**DEGENII** Gyeln. – TU

Est.: Degeni kilpsamblik  
 Ecol.: on soil, on bases of trees  
 Distr.: NE, SW  
 Freq.: r

**DIDACTYLA** (With.) J. R. Laundon – ICEB, IE, TAL, TU

Est.: väike kilpsamblik  
 Syn.: *Peltigera erumpens* (Taylor) Elenk.  
       *Peltigera hazslinszkyi* Gyeln.  
       *Peltigera spuria* (Ach.) DC.  
 Ecol.: on sandy soil, rarely saxicolous and lignicolous  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq

**\* ELISABETHAE** Gyeln. – TU

Est.: Elisabethi kilpsamblik  
 Ecol.: on mosses and saxicolous on rocks among mosses  
 Distr.: NW  
 Freq.: rr

**HORIZONTALIS** (Huds.) Baumg. – ICEB, TU

Est.: läikiv kilpsamblik  
 Ecol.: saxicolous on rocks among mosses, on bases of tree trunks, on soil, lignicolous  
 Distr.: NW, WIs  
 Freq.: st fq

**HYMENINA** (Ach.) Delise – TU

Est.: ooker-kilpsamblik  
 Ecol.: on soil, saxicolous on rocks among mosses, lignicolous on stumps  
 Distr.: NW, NE, WIs  
 Freq.: st fq

**LEPIDOPHORA** (Nyl. ex Vain.) Bitter – ICEB, TU

Est.: jänese-kilpsamblik  
 Ecol.: on soil  
 Distr.: NW, SE, WIs  
 Freq.: st r

**LEUCOPHLEBIA** (Nyl.) Gyeln. – ICEB, TAL, TU

Est.: kiri-kilpsamblik  
 Syn.: *Peltigera variolosa* (A. Massal.) Gyeln.  
 Ecol.: on sandy soil, on mosses, rarely saxicolous  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fq

**MALACEA** (Ach.) Funck – ICEB, TAL, TU

Est.: tuhm kilpsamblik  
 Ecol.: on sandy soil, on mosses  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fq

**MEMBRANACEA** (Ach.) Nyl. – ICEB, TU, UPS

Est.: õhuke kilpsamblik  
 Ecol.: on soil, on mosses, lignicolous on stumps  
 Distr.: NW, NE, WIs  
 Freq.: st fq

**NECKERI** Hepp ex Müll. Arg. – ICEB, TU

Est.: Neckeri kilpsamblik

Syn.: *Peltigera polydactyloides* auct.

Ecol.: on soil, on mosses, lignicolous on stumps, saxicolous on rocks among mosses

Distr.: NW, NE, SE, SW, WIs

Freq.: fq

**NEOPOLYDACTYLA** (Gyeln.) Gyeln. – TU

Est.: lehtjas kilpsamblik

Ecol.: on soil, lignicolous on stumps

Distr.: NW, SE, SW

Freq.: st r

**POLYDACTYLA** (Neck.) Hoffm. – ICEB, TAL, TU

Est.: sõrmjas kilpsamblik

Ecol.: on soil, on mosses, on bases of tree trunks, on moissy rocks

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**PONOJENSIS** Gyeln. – TU

Est.: hele kilpsamblik

Ecol.: on sandy soil, saxicolous

Distr.: NW, NE, SE, WIs

Freq.: st r

**PRAETEXTATA** (Flörke ex Sommerf.) Zopf – ICEB, S, TAL, TU

Est.: jalami-kilpsamblik

Ecol.: on soil, on mosses, on bases of tree trunks

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**RUFESCENS** (Weiss) Humb. – ICEB, S, TAL, TU, UPS

Est.: pruun kilpsamblik

Ecol.: on soil, on mosses

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**SCABROSA** Th. Fr. – TU

Est.: kare kilpsamblik

Ecol.: on soil

Distr.: NW

Freq.: rr

**VENOSA** (L.) Hoffm. – TAL, TU

Est.: viljakas kilpsamblik

Ecol.: on soil

Distr.: NW, NE, SE

Freq.: r

**PELTULA** Nyl. – 1

Est.: õnarsamblik

? **EUPLOCA** (Ach.) Poelt – Bruttan, 1870

Est.: soomusjas õnarsamblik

Syn.: *Peltula guepinii* (Delise) Nyl.

Ecol.: on periodically inundated rocks

Distr.: WIs

Freq.: rr

**PERTUSARIA DC. – 13**

Est.: lumisamblik

**ALBESCENS** (Huds.) M. Choisy – ICEB, LD, S, TAL, TU

Est.: ketas-lumisamblik

Syn.: *Pertusaria discoidea* (Pers.) Malme

*Pertusaria globulifera* (Turner) A. Massal.

Ecol.: corticolous on deciduous trees, rarely on mosses and saxicolous on granite

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**AMARA** (Ach.) Nyl. – IE, S, TAL, TBA, TU

Est.: kibe lumisamblik

Ecol.: corticolous on coniferous and deciduous trees, very rarely saxicolous on calcareous rocks and on sandstone

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**BOREALIS** Erichsen – TBA, TU

Ecol.: corticolous on deciduous trees

Distr.: WIs

Freq.: rr

**CARNEOPALIDA** (Nyl.) Anzi – TBA, TU

Syn.: *Pertusaria protuberans* (Th. Fr.) Th. Fr.

Ecol.: corticolous on deciduous trees

Distr.: NE

Freq.: rr

**COCCODES** (Ach.) Nyl. – ICEB, IE, LD, S, TAL, TU

Ecol.: corticolous on deciduous trees

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**CORONATA** (Ach.) Th. Fr. – LD, S, TU, UPS

Syn.: *Pertusaria isidiifera* Erichsen

Ecol.: corticolous on deciduous trees (mainly *Quercus*)

Distr.: NW, WIs

Freq.: st r

**FLAVIDA** (DC.) J. R. Laundon – S, TU, UPS

Syn.: *Pertusaria lutescens* (Hoffm.) Lamy [nom. illeg.]

*Pertusaria wulfenii* var. *lutescens* (Hoffm.) Th. Fr.

Ecol.: corticolous on deciduous trees (*Quercus*)

Distr.: NW, WIs

Freq.: r

**HEMISPHERICA** (Flörke) Erichsen – ICEB, S, TU, UPS

Ecol.: corticolous on deciduous trees, rarely on coniferous trees

Distr.: NW, NE, SE, SW, WIs

Freq.: st fq

**LEIOPLACA** DC. – ICEB, LD, S, TAL, TU

Est.: kühm-lumisamblik

Syn.: *Pertusaria leucostoma* A. Massal.

Ecol.: corticolous on deciduous trees with smooth bark

Distr.: NW, NE, SE, SW, WIs

Freq.: fq

\* **MULTIPUNCTA** (Turner) Nyl. – TU

Syn.: *Pertusaria leptospora* Nitschke ex J. Lahm

Ecol.: corticolous on deciduous trees

Distr.: NW

Freq.: rr

**PERTUSA** (Weigel) Tuck. – S, TU

Est.: näsa-lumisamblik

Syn.: *Pertusaria rupestris* (DC.) Schaer.

Ecol.: corticolous on deciduous trees, occasionally saxicolous

Distr.: WIs

Freq.: st fq

**PUPILLARIS** (Nyl.) Th. Fr. – TBA, TU, UPS

Ecol.: corticolous on coniferous and deciduous trees

Distr.: NE, SE, SW

Freq.: r

**RAESAENENII** Erichsen – TUEcol.: corticolous on deciduous trees (*Populus tremula*)

Distr.: WIs

Freq.: rr

**PETRACTIS** Fr. – 1**CLAUSA** (Hoffm.) Kremp. – ICEB, LD, TU

Ecol.: saxicolous on calcareous rocks

Distr.: NW, WIs

Freq.: rr

**PHACOPSIS** Tul. – 1#**OXYSPORA** (Tul.) Triebel & Rambold – TUSyn.: *Lecidea oxyspora* (Tul.) Nyl.*Nesolechia oxyspora* (Tul.) A. Massal.Ecol.: lichenicolous on *Parmelia sulcata*

Distr.: WIs

Freq.: rr

**PHAEOCALICIUM** A. F. W. Schmidt – 2+**POPULNEUM** (Brond. ex Duby) A. F. W. Schmidt – TUSyn.: *Calicium populneum* Brond. ex DubyEcol.: saprophytic on thin twigs of *Populus*

Distr.: NW

Freq.: rr

+**PRAECEDENS** (Nyl.) A. F. W. Schmidt – TUEcol.: saprophytic on thin twigs of *Populus*

Distr.: SE

Freq.: rr

**PHAEOPHYSCIA** Moberg – 8

Est.: tõmmusamblik

\***CHLOANTHA** (Ach.) Moberg – TU, UPS

Est.: lõuna-tõmmusamblik

Syn.: *Physcia luganensis* Mereschk.

Ecol.: corticolous on deciduous trees

Distr.: NE

Freq.: rr

**CILIATA** (Hoffm.) Moberg – ICEB, TU

Est.: rips-tõmmusamblik

Syn.: *Physcia ciliata* (Hoffm.) Du RietzEcol.: corticolous on deciduous trees (often on *Populus tremula*)

Distr.: NW, NE, SE, SW, WIs

Freq.: fq

**?CONSTIPATA** (Norrl. & Nyl.) Moberg – Wasmuth, 1907

Est.: põhja-tõmmusamblik  
 Syn.: *Physcia constipata* Norrl. & Nyl.  
 Ecol.: on calciferous soil, on mosses  
 Distr.: NW  
 Freq.: rr

**ENDOCOCCINA** (Körb.) Moberg – UPS

Est.: punasesüdamikuline tõmmusamblik  
 Syn.: *Physcia decolor* Kashiw.  
       *Physcia endococcina* (Körb.) Th. Fr.  
       *Physcia lithodes* Nyl.  
 Ecol.: saxicolous on granite  
 Distr.: NW  
 Freq.: rr

**ENDOPHOENICEA** (Harm.) Moberg – TU, UPS

Est.: kollakas tõmmusamblik  
 Syn.: *Physcia endophoenicea* (Harm.) Sántha  
       *Physcia ocellata* Erichsen  
 Ecol.: corticolous on deciduous trees  
 Distr.: SE  
 Freq.: rr

**NIGRICANS** (Flörke) Moberg – ICEB, IE, TBA, TU, UPS

Est.: väike tõmmusamblik  
 Syn.: *Physcia nigricans* (Flörke) Stizenb.  
       *Physcia parvula* Vain.  
 Ecol.: corticolous on deciduous trees, sometimes saxicolous on calcareous rocks and mortar  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fq

**ORBICULARIS** (Neck.) Moberg – ICEB, IE, LD, S, TAL, TBA, TU, UPS

Est.: hägu-tõmmusamblik  
 Syn.: *Physcia cyclocelis* (Ach.) Vain.  
       *Physcia orbicularis* (Neck.) Poetsch  
 Ecol.: corticolous, saxicolous on calcareous rocks, on mortar, lignicolous  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq

**SCIASTRA** (Ach.) Moberg – ICEB, S, TU, UPS

Est.: kivi-tõmmusamblik  
 Syn.: *Physcia sciastra* (ach.) Du Rietz  
 Ecol.: saxicolous on calcareous rocks, granite and mortar  
 Distr.: NW, NE, SE, WIs  
 Freq.: fq  
 Com.: probably distributed in all regions

**PHLYCTIS** Wallr. – 2

Est.: jahusamblik

**AGELAEA** (Ach.) Flot. – ICEB, LD, S, TAL, TBA, TU, UPS

Est.: täpiline jahusamblik  
 Ecol.: corticolous on deciduous trees  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fq

**ARGENA** (Spreng.) Flot. – ICEB, IE, S, TAL, TBA, TU

Est.: harilik jahusamblik

Syn.: *Phlyctis erythrosora* Erichsen

Ecol.: corticolous on deciduous and coniferous trees

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**PHYSCIA** (Schreb.) Michx. – **9 + 1**

Est.: rosettsamblik

**ADSCENDENS** (Fr.) H. Olivier – ICEB, IE, TAL, TBA, TU

Est.: tõusev rosettsamblik

Ecol.: corticolous mainly on deciduous trees, saxicolous mainly on calcareous rocks, lignicolous

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**AIPOLIA** (Ehrh. ex Humb.) Fűrnr. – ICEB, IE, S, TAL, TBA, TU, UPS

Est.: täpiline rosettsamblik

Ecol.: corticolous on deciduous trees, especially on *Populus tremula* and *Fraxinus excelsior*

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**CAESIA** (Hoffm.) Fűrnr. – ICEB, IE, LD, S, TAL, TU, UPS

Est.: sinakas rosettsamblik

Syn.: *Physcia wainioi* Räsänen

Ecol.: saxicolous on granite and calcareous rocks, sometimes lignicolous, rarely corticolous

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**?DIMIDIATA** (Arnold) Nyl. – Mereschkowski, 1913

Est.: tera-rosettsamblik

Ecol.: saxicolous on calcareous rocks

Distr.: NW

Freq.: rr

**DUBIA** (Hoffm.) Lettau – ICEB, IE, TU, UPS

Est.: kahtlane rosettsamblik

Syn.: *Physcia intermedia* Vain.*Physcia teretiuscula* (Ach.) Lynge*Physcia tribacia* auct.

Ecol.: saxicolous mainly on granite, sometimes corticolous

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**MAGNUSSONII** Frey – TU

Est.: Magnussoni rosettsamblik

Ecol.: saxicolous on granite

Distr.: NE

Freq.: rr

**SEMIPINNATA** (J. F. Gmelin) Moberg – TU

Est.: narmas-rosettsamblik

Syn.: *Physcia leptalea* (Ach.) DC.

Ecol.: corticolous on deciduous trees, sometimes lignicolous

Distr.: NW, NE, SE, SW, WIs

Freq.: st fq

**STELLARIS** (L.) Nyl. – ICEB, IE, LD, S, TAL, TBA, TU

Est.: tähtjas rosettsamblik

Ecol.: corticolous on deciduous trees, rarely saxicolous on granite

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**TENELLA** (Scop.) DC.var. **MARINA** (E. Nyl.) Lynge – IE, TAL, TU, UPS

Est.: meri-rosettsamblik

Syn.: *Physcia marina* (E. Nyl.) Lynge*Physcia subobscura* (Nyl.) Nyl.

Ecol.: saxicolous mainly on granite on seashore, rarely corticolous

Distr.: NW, NE, WIs

Freq.: fq

var. **TENELLA** – ICEB, IE, S, TAL, TBA, TU, UPS

Est.: rips-rosettsamblik

Ecol.: corticolous mainly on deciduous trees, sometimes saxicolous or lignicolous

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**PHYSCONIA** Poelt – 6

Est.: härmasamblik

**DETERSA** (Nyl.) Poelt – ICEB, IE, TU

Est.: sinakas härmasamblik

Syn.: *Physcia detersa* (Nyl.) Nyl.

Ecol.: corticolous on deciduous and coniferous trees

Distr.: SE

Freq.: r

**DISTORTA** (With.) J. R. Laundon – ICEB, IE, S, TAL, TBA, TU, UPS

Est.: harilik härmasamblik

Syn.: *Physcia pulverulenta* auct.*Physconia pulverulacea* Moberg

Ecol.: corticolous on deciduous trees, rarely saxicolous on granite or corticolous on coniferous trees

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**ENTEROXANTHA** (Nyl.) Poelt – ICEB, IE, LD, TAL, TBA, TU, UPS

Est.: kollakas härmasamblik

Syn.: *Physcia enteroxantha* Nyl.

Ecol.: corticolous mainly on deciduous trees, sometimes saxicolous on rocks among mosses

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**GRISEA** (Lam.) Poelt – ICEB, TU, UPS

Est.: hall härmasamblik

Syn.: *Physcia grisea* (Lam.) Zahlbr.*Physcia farrea* (Ach.) Vain.

Ecol.: corticolous on deciduous trees, rarely on coniferous trees

Distr.: NW, NE, SE, SW, WIs

Freq.: st r

**?MUSCIGENA** (Ach.) Poelt – Mereschkowski, 1913

Est.: sambla-härmasamblik  
 Syn.: *Physcia muscigena* (Ach.) Nyl.  
 Ecol.: on soil among mosses  
 Distr.: NW  
 Freq.: rr

**PERISIDIOSA** (Erichsen) Moberg – ICEB, LD, TAL, TBA, TU, UPS

Est.: kare härmasamblik  
 Syn.: *Physcia farrea* auct.  
       *Physcia perisidiosa* Erichsen  
       *Physconia farrea* sensu Poelt  
 Ecol.: corticolous on deciduous trees  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fq

**PILOPHORUS** Th. Fr. – 1

Est.: nagasamblik  
**CEREOLUS** (Ach.) Th. Fr. – TU  
 Est.: harilik nagasamblik  
 Ecol.: saxicolous on sandstone cliffs  
 Distr.: SE  
 Freq.: rr

**PLACYNTHIELLA** Elenkin – 4**DASAEA** (Stirt.) Tønsberg – TU

Syn.: *Lecidea dasaea* Stirt.  
       *Saccomorpha dasaea* (Stirt.) Khodosovtsev  
 Ecol.: lignicolous  
 Distr.: WIs  
 Freq.: rr

**ICMALEA** (Ach.) Coppins & P. James – H, ICEB, IE, LD, S, TBA, TU

Syn.: *Lecidea fuliginea* Ach.  
       *Lecidea icmalea* Ach.  
       *Saccomorpha icmalea* (Ach.) Clauzade & Cl. Roux  
 Ecol.: on mosses, on plant debris, lignicolous  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq

**OLIGOTROPHA** (J. R. Laundon) Coppins & P. James – TBA, TU

Syn.: *Lecidea oligotropha* J. R. Laundon  
       *Saccomorpha oligotropha* (J. R. Laundon) Clauzade & Cl. Roux  
 Ecol.: on soil, on plant debris  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: st fq

**ULIGINOSA** (Schrad.) Coppins & P. James – ICEB, LD, TBA, TU

Syn.: *Biatora uliginosa* (Schrad.) Körb.  
       *Lecidea humosa* (Hoffm.) Leight.  
       *Lecidea uliginosa* (Schrad.) Ach.  
       *Saccomorpha uliginosa* (Schrad.) Hafellner  
       *Stereonema chthonoblastes* A. Braun ex Kütz.  
 Ecol.: on soil, on plant debris, lignicolous  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fq



**PLACYNTHIUM** (Ach.) Gray – 2**ASPERELLUM** (Ach.) Trevis. – TU

Ecol.: saxicolous on calcareous rocks

Distr.: WIs

Freq.: rr

**NIGRUM** (Huds.) Gray – ICEB, LD, S, TAL, TU

Ecol.: saxicolous on calcareous rocks

Distr.: NW, NE, WIs

Freq.: fq

**PLATISMATIA** W. L. Culb. & C. F. Culb. – 1

Est.: hólmasamblik

**GLAUCA** (L.) W. L. Culb. & C. F. Culb. – ICEB, IE, S, TAL, TU

Est.: hall hólmasamblik

Syn.: *Cetraria glauca* (L.) Ach.

Ecol.: corticolous on deciduous and coniferous trees, rarely lignicolous

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**PLECTOCARPON** Fée – 1#**LICHENUM** (Sommerf.) D. Hawksw. – TUSyn.: *Dothidea lichenum* Sommerf.Ecol.: lichenicolous on thallus of *Lobaria pulmonaria*

Distr.: SE, WIs

Freq.: r

**PLEUROSTICTA** Petr. – 1

Est.: pargisamblik

**ACETABULUM** (Neck.) Elix & Lumbsch – ICEB, TU

Est.: liud-pargisamblik

Syn.: *Parmelia acetabulum* (Neck.) Duby

Ecol.: corticolous on deciduous trees

Distr.: NW, NE, SE, SW, WIs

Freq.: fq

**POLYBLASTIA** A. Massal. – 5**ALBIDA** Arnold – LD, TU

Ecol.: saxicolous on calcareous rocks

Distr.: WIs

Freq.: rr

**CUPULARIS** A. Massal. – LD

Ecol.: saxicolous on calcareous rocks

Distr.: WIs

Freq.: rr

**FUSCOARGILLACEA** Anzi – LD

Ecol.: saxicolous on calcareous rocks

Distr.: WIs

Freq.: rr

**GELATINOSA** (Ach.) Th. Fr. – LD

Ecol.: on mosses and soil

Distr.: WIs

Freq.: rr

**NIDULANS** (Stenh.) Arnold – LD

Ecol.: saxicolous on calcareous rocks

Distr.: WIs

Freq.: rr

**POLYCHIDIUM** (Ach.) Gray – 1

Est.: harjassamblik

**MUSCICOLA** (Sw.) Gray – TU

Est.: rünk-harjassamblik

Ecol.: on mosses

Distr.: NW, WIs

Freq.: st r

**POLYCOCCUM** Saut. ex Körb. – 1#**PULVINATUM** (Eitner) R. Sant. – TUEcol.: lichenicolous on *Physcia caesia*

Distr.: NW, NE

Freq.: rr

**POLYSPORINA** Vezda – 1**SIMPLEX** (Davies) Vezda – LDSyn.: *Biatorella simplex* (Davies) Branth & Rostr.*Sarcogyne simplex* (Davies) Vezda

Ecol.: saxicolous on granite

Distr.: NW

Freq.: rr

**PORINA** Müll. Arg. – 3**AENEA** (Wallr.) Zahlbr. – S, TUSyn.: *Porina carpinea* (Pers. ex Ach.) Zahlbr.Ecol.: corticolous on deciduous (*Ulmus*) or coniferous trees (*Pinus*)

Distr.: WIs

Freq.: rr

**CHLOROTICA** (Ach.) Müll. Arg. – LD, TU

Ecol.: saxicolous on granite

Distr.: WIs

Freq.: rr

**LINEARIS** (Leight.) Zahlbr. – S

Ecol.: saxicolous on calcareous rocks

Distr.: WIs

Freq.: rr

**PORPIDIA** Körb. – 4**CINEREOATRA** (Ach.) Hertel & Knoph – TBA, TUSyn.: *Hüllia cinereoatra* (Ach.) Hertel*Lecidea cinereoatra* Ach.

Ecol.: saxicolous on granite

Distr.: NW, WIs

Freq.: rr

**CRUSTULATA** (Ach.) Hertel & Knoph – ICEB, IE, LD, S, TBA, TUSyn.: *Huilia crustulata* (Ach.) Hertel*Lecidea crustulata* Ach.

Ecol.: saxicolous on granite

Distr.: NW, NE, SE, WIs

Freq.: fq

Com.: probably distributed in all regions

**MACROCARPA** (DC.) Hertel & A. J. Schwab – ICEB, LD, TBA, TUSyn.: *Huilia macrocarpa* (DC.) Hertel*Lecidea macrocarpa* (DC.) Steud.*Lecidea nigrocruenta* Anzi*Lecidea steriza* (Ach.) Vain.

Ecol.: saxicolous on granite

Distr.: NW, NE, SE, WIs

Freq.: st r

**TUBERCULOSA** (Sm.) Hertel & Knoph – IE, LD, TUSyn.: *Huilia tuberculosa* (Sm.) P. James*Lecidea solediza* Nyl.

Ecol.: saxicolous on granite

Distr.: NW, WIs

Freq.: r

**PRONECTRIA** Clem. – 1#**ERYTHRINELLA** (Nyl.) Lowen – TUSyn.: *Nectriella erythrinella* (Nyl.) WeeseEcol.: lichenicolous on thallus of *Peltigera didactyla*

Distr.: SE

Freq.: rr

**PROTOBLASTENIA** (Zahlbr.) J. Steiner – 3**CALVA** (Dicks.) Zahlbr. – LD, S, TUSyn.: *Lecidea rupestris* var. *calva* (Dicks.) J. Steiner

Ecol.: saxicolous on calcareous rocks

Distr.: NW, WIs

Freq.: st r

**INCRUSTANS** (DC.) J. Steiner – LD, TUSyn.: *Lecidea rupestris* var. *incrustans* (DC.) Schaer.

Ecol.: saxicolous on calcareous rocks

Distr.: WIs

Freq.: rr

**RUPESTRIS** (Scop.) J. Steiner – ICEB, IE, LD, S, TAL, TUSyn.: *Lecidea rupestris* (Scop.) Ach.

Ecol.: saxicolous on calcareous rocks

Distr.: NW, NE, WIs

Freq.: fq

**PROTOPARMELIA** M. Choisy – 3#**ATRISEDA** (Fr.) R. Sant. & V. Wirth – LD, TU, UPSSyn.: *Lecanora atriseda* (Fr.) Nyl.Ecol.: parasitic on *Rhizocarpon geographicum* on granite

Distr.: NW, WIs

Freq.: rr

**BADIA** (Hoffm.) Hafellner – LD, TU  
 Syn.: *Lecanora badia* (Hoffm.) Ach.  
*Lecanora picea* (Dicks.) Nyl. non auct.  
 Ecol.: saxicolous on granite  
 Distr.: NW, WIs  
 Freq.: st fq

?**PICEA** auct. – Mereschkowski, 1913  
 Syn.: *Lecanora picea* auct.  
 Ecol.: saxicolous on granite  
 Distr.: NW  
 Freq.: rr

**PROTOHELENELLA** Räsänen – 1

?**SPHINCTRINOIDES** (Nyl.) H. Mayrhofer & Poelt – Bruttan, 1889  
 Syn.: *Microglaena sphinctrinoides* (Nyl.) Lönnr.  
 Ecol.: on dead mosses  
 Distr.: SE  
 Freq.: rr

**PSEUDEVERNIA** Zopf – 1

Est.: karesamblik

**FURFURACEA** (L.) Zopf – ICEB, IE, TAL, TU

Est.: hall karesamblik

Syn.: *Evernia furfuracea* (L.) W. Mann

Ecol.: corticolous mainly on coniferous trees, sometimes lignicolous, rarely on granite or on sandy soil

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**PSILOLECHIA** A. Massal. – 1

**LUCIDA** (Ach.) M. Choisy – ICEB, RIG, TU

Syn.: *Lecidea lucida* (Ach.) Ach.

Ecol.: on plant debris, corticolous on *Pinus sylvestris* and *Picea abies*, saxicolous on granite

Distr.: NW, NE, SE, WIs

Freq.: st r

**PSORA** Hoffm. – 1

Est.: naastsamblik

**DECIPIENS** (Hedw.) Hoffm. – LD, S, TU, UPS

Est.: stepi-naastsamblik

Ecol.: on calciferous soil

Distr.: NW, WIs

Freq.: st fq

**PSOROTICHIA** A. Massal. – 1

**SCHAERERI** (A. Massal.) Arnold – H, ICEB, LD

Ecol.: saxicolous on calcareous rocks

Distr.: NW, WIs

Freq.: r

**PUNCTELIA** Krog – 1

Est.: täppsamblik

\* **SUBRUDECTA** (Nyl.) Krog – TU

Est.: hiis-täppsamblik

Syn.: *Parmelia borrieri* auct.*Parmelia dubia* (Wulfen) Schaer.

Ecol.: corticolous on deciduous trees

Distr.: NW

Freq.: rr

**PYCNOTHELIA** (Ach.) Dufour – 1

Est.: nisasamblik

**PAPILLARIA** Dufour – TAL, TU

Est.: harilik nisasamblik

Ecol.: on soil

Distr.: NW, SE, WIs

Freq.: st r

**PYRENULA** A. Massal. – 2

Est.: luulissamblik

+ **CORYLI** A. Massal. – TU

Est.: sarapuu-luulissamblik

Ecol.: corticolous on deciduous trees (*Corylus*)

Distr.: NE, WIs

Freq.: rr

? **NITIDA** (Weigel) Ach. – Mereschkowski, 1913

Ecol.: corticolous on deciduous trees

Distr.: NW

Freq.: rr

**PYRRHOSPORA** Körb. – 2? **CINNABARINA** (Sommerf.) M. Choisy – Räsänen, 1931Syn.: *Lecidea cinnabarina* Sommerf.

Ecol.: corticolous on coniferous trees

Distr.: NE

Freq.: rr

**QUERNEA** (Dicks.) Körb. – S, TUSyn.: *Lecidea querneae* (Dicks.) Ach.

Ecol.: corticolous on deciduous trees

Distr.: NW, SE, SW, WIs

Freq.: st fq

**RAMALINA** Ach. – 15

Est.: rihmsamblik

**BALTICA** Lettau – ICEB, IE, TBA, TU

Est.: balti rihmsamblik

Ecol.: corticolous on deciduous trees

Distr.: NW, NE, SE, SW, WIs

Freq.: fq

**CALICARIS** (L.) Fr. – TU

Est.: vagu-rihmsamblik

Ecol.: corticolous on deciduous trees, rarely on coniferous trees

Distr.: NW, WIs

Freq.: st fq

- ?**CAPITATA** (Ach.) Nyl. – Bruttan, 1870  
 Est.: püstine rihmsamblik  
 Syn.: *Ramalina strepsilis* (Ach.) Zahlbr.  
*Ramalina tinctoria* auct.  
 Ecol.: saxicolous on granite on seashore  
 Distr.: WIs  
 Freq.: rr
- DILACERATA** (Hoffm.) Hoffm. – TBA, TU  
 Est.: väike rihmsamblik  
 Syn.: *Ramalina minuscula* (Nyl.) Nyl.  
 Ecol.: corticolous on coniferous trees  
 Distr.: NW, NE, SE  
 Freq.: st r
- \***ELEGANS** (Bagl. & Carestia) Jatta – H  
 Est.: jäik rihmsamblik  
 Syn.: *Ramalina calicaris* ssp. *elegans* (Bagl. & Carestia) Stizenb.  
 Ecol.: corticolous on deciduous trees (*Crataegus*, *Sorbus*)  
 Distr.: WIs  
 Freq.: rr
- FARINACEA** (L.) Ach. – H, ICEB, IE, TAL, TBA, TU  
 Est.: harilik rihmsamblik  
 Ecol.: corticolous on deciduous trees  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq
- FASTIGIATA** (Pers.) Ach. – ICEB, IE, TAL, TBA, TU  
 Est.: kimp-rihmsamblik  
 Syn.: *Ramalina populina* (hoffm.) Vain.  
 Ecol.: corticolous on deciduous trees  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq
- FRAXINEA** (L.) Ach. – ICEB, IE, LD, S, TAL, TBA, TU  
 Est.: saare-rihmsamblik  
 Ecol.: corticolous on deciduous trees  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq
- OBTUSATA** (Arnold) Bitter – IE, TU  
 Est.: kiiver-rihmsamblik  
 Ecol.: lignicolous, corticolous on coniferous trees  
 Distr.: NW, NE, SE, WIs  
 Freq.: st fq
- POLLINARIA** (Westr.) Ach. – ICEB, IE, TAL, TBA, TU  
 Est.: tolmu-rihmsamblik  
 Syn.: *Ramalina intermedia* auct.  
 Ecol.: corticolous on deciduous and coniferous trees  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq
- POLYMORPHA** (Lilj.) Ach. – ICEB, IE, TAL, TU  
 Est.: ranna-rihmsamblik  
 Ecol.: saxicolous on granite, on seashore  
 Distr.: NW, WIs  
 Freq.: fq

**SILIQUOSA** (Huds.) A. L. Sm. – TU

Est.: kivi-rihmsamblik  
 Syn.: *Ramalina crassa* (Delise ex Nyl.) Motyka  
*Ramalina scopulorum* (Retz.) Ach.  
 Ecol.: saxicolous on granite, on seashore  
 Distr.: NW, WIs  
 Freq.: rr

**SINENSIS** Jatta – TU

Est.: hiina rihmsamblik  
 Syn.: *Ramalina calicaris* var. *nervosa* (Nyl.) Räsänen  
*Ramalina nervosa* (Nyl.) Räsänen  
 Ecol.: corticolous on deciduous trees  
 Distr.: NW, WIs  
 Freq.: r

**SUBFARINACEA** (Nyl. ex Cromb.) Nyl. – ICEB, LD, TBA, TU

Est.: kitsas rihmsamblik  
 Syn.: *Ramalina angustissima* (Anzi) Vain.  
 Ecol.: saxicolous on granite  
 Distr.: NW, NE, WIs  
 Freq.: st r

**THRAUSTA** (Ach.) Nyl. – ICEB, TU

Est.: niitjas rihmsamblik  
 Syn.: *Alectoria crinalis* Ach.  
*Ramalina crinalis* (Ach.) Gyeln.  
 Ecol.: corticolous on coniferous trees, rarely on deciduous trees  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fq

**RAMBOLDIA** Kantvilas & Elix – 1#**INSIDIOSA** (Th.Fr.) Hafellner – LD, TU

Syn.: *Lecidea insidiosa* Th. Fr.  
 Ecol.: parasitic on *Lecanora varia*  
 Distr.: NW, SW, WIs  
 Freq.: st r

**RHIZOCARPON** Ramond ex DC. – 17

Est.: kaartsamblik, kivikirjak

\* **BADIOATRUM** (Flörke ex Spreng.) Th. Fr. – TAL

Syn.: *Catocarpon badioatrum* (Flörke ex Spreng.) Arnold  
 Ecol.: saxicolous on granite  
 Distr.: NW  
 Freq.: rr

**CINEREOVIRENS** (Müll. Arg.) Vain. – ICEB

Ecol.: saxicolous on granite  
 Distr.: NW  
 Freq.: rr

? **DISPORUM** (Naegeli ex Hepp) Müll. Arg. – Bruttan, 1870

Syn.: *Rhizocarpon montagnei* Körb.  
 Ecol.: saxicolous on granite  
 Distr.: WIs  
 Freq.: rr

- DISTINCTUM** Th. Fr. – H, ICEB, LD, TAL, TU  
 Ecol.: saxicolous on granite  
 Distr.: NW, WIs  
 Freq.: st fq
- GEMINATUM** Körb. – S, TAL, TU  
 Syn.: *Rhizocarpon concretum* (Ach.) Elenkin  
*Rhizocarpon disporum* auct.  
 Ecol.: saxicolous on granite  
 Distr.: NW, WIs  
 Freq.: st r
- GEOGRAPHICUM** (L.) DC. – ICEB, IE, LD, TAL, TU  
 Est.: harilik kaartsamblik  
 Ecol.: saxicolous on granite  
 Distr.: NW, SE, WIs  
 Freq.: st fq
- GRANDE** (Flörke ex Flot.) Arnold – TU  
 Ecol.: saxicolous on granite  
 Distr.: NE, WIs  
 Freq.: rr
- LAVATUM** (Fr.) Hazsl. – TU  
 Ecol.: saxicolous on granite  
 Distr.: WIs  
 Freq.: rr
- LECANORINUM** Anders – TU, UPS  
 Ecol.: saxicolous on granite  
 Distr.: NW, NE, WIs  
 Freq.: st r
- MACROSPORUM** Räsänen – ICEB, TU  
 Ecol.: saxicolous on granite  
 Distr.: NW, WIs  
 Freq.: r
- OBSCURATUM** (Ach.) A. Massal. – ICEB, TU  
 Syn.: *Rhizocarpon reductum* Th. Fr.  
 Ecol.: saxicolous on granite  
 Distr.: NW, NE, WIs  
 Freq.: st r
- OEDERI** (Weber) Körb. – TU  
 Ecol.: saxicolous on granite  
 Distr.: WIs  
 Freq.: rr
- PETRAEUM** (Wulfen) A. Massal. – LD, TU  
 Syn.: *Rhizocarpon concentricum* auct.  
 Ecol.: saxicolous on granite, calcareous and sandstone rocks  
 Distr.: NW, WIs  
 Freq.: r
- POLYCARPUM** (Hepp) Th. Fr. – H, TU  
 Syn.: *Catocarpon polycarpum* (Hepp) Stein  
 Ecol.: saxicolous on granite  
 Distr.: NW, WIs  
 Freq.: r



**RICHARDII** (Lamy ex Nyl.) Zahlbr. – ICEB, H, TUSyn.: *Rhizocarpon constrictum* Malme

Ecol.: saxicolous on granite

Distr.: NW, WIs

Freq.: r

**SUBGEMINATUM** Eitner – TU

Ecol.: saxicolous on granite

Distr.: NW

Freq.: rr

**\* UMBILICATUM** (Ramond) Flagey – TUSyn.: *Rhizocarpon calcareum* (Ach.) Anzi

Ecol.: saxicolous on calcareous rocks

Distr.: WIs

Freq.: rr

**RIMULARIA** Nyl. – 2#**FURVELLA** (Nyl. ex Mudd) Hertel & Rambold – TU, UPS

Ecol.: parasitic on various lichens on granite

Distr.: NW, WIs

Freq.: r

#**INSULARIS** (Nyl.) Hertel & Rambold – IE, LD, RIG, TAL, TBA, TU, UPSSyn.: *Lecidea insularis* Nyl.Ecol.: parasitic on *Lecanora rupicola*

Distr.: NW, WIs

Freq.: st fq

**RINODINA** (Ach.) Gray – 17**ARCHAEA** (Ach.) Arnold – TUSyn.: *Rinodina maculiformis* (Hepp) ArnoldEcol.: corticolous (on *Juniperus*) and lignicolous

Distr.: NW, NE

Freq.: r

**BISCHOFFII** (Hepp) A. Massal. – ICEB, LD, TBA, TU

Ecol.: saxicolous on calcareous rocks

Distr.: NW, SE, WIs

Freq.: st fq

**CACUMINUM** (Th. Fr.) Malme – TBA, TU

Ecol.: saxicolous on granite, nitrophilous

Distr.: NW, NE, WIs

Freq.: r

**CONFRAGOSA** (Ach.) Körb. – TU

Ecol.: saxicolous on granite

Distr.: WIs

Freq.: r

**CONRADII** Körb. – UPS

Ecol.: lignicolous

Distr.: WIs

Freq.: rr

**EFFLORESCENS** Malme – UPS

Ecol.: corticolous on deciduous trees

Distr.: NW, WIs

Freq.: r

- EXIGUA** Gray – ICEB, IE, LD, S, TBA, TU  
 Ecol.: corticolous on coniferous and deciduous trees  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fq
- GENNARI** Bagl. – H, LD, TBA, TU  
 Syn.: *Rinodina demissa* (Flörke) Arnold  
 Ecol.: saxicolous on seashore  
 Distr.: NW, WIs  
 Freq.: st r
- IMMERSA** (Körb.) Arnold – LD, TBA, TU  
 Syn.: *Rinodina bischoffii* var. *immersa* Körb.  
 Ecol.: saxicolous on calcareous rocks  
 Distr.: NW, WIs  
 Freq.: st r
- \* **INTERPOLATA** (Stirt.) Sheard – TU  
 Ecol.: saxicolous on granite  
 Distr.: WIs  
 Freq.: rr
- MILVINA** (Wahlenb.) Th. Fr. – ICEB, TU  
 Ecol.: saxicolous on granite  
 Distr.: NW, WIs  
 Freq.: r
- ? **OCULTA** (Körb.) Sheard – Räsänen, 1931  
 Syn.: *Buellia occulta* Körb.  
 Ecol.: saxicolous on granite  
 Distr.: WIs  
 Freq.: rr
- # **PARASITICA** H. Mayrhofer & Poelt – TU  
 Ecol.: lichenicolous on saxicolous lichens (*Lecanora dispersa*)  
 Distr.: WIs  
 Freq.: rr
- PYRINA** (Ach.) Arnold – ICEB, IE, S, TBA, TU  
 Ecol.: corticolous on deciduous trees, lignicolous  
 Distr.: NW, NE, SE, SW  
 Freq.: fq  
 Com.: probably distributed in all regions
- SEPTENTRIONALIS** Malme – UPS  
 Ecol.: corticolous (on *Juniperus*)  
 Distr.: WIs  
 Freq.: rr
- SOPHODES** (Ach.) A. Massal. – ICEB, IE, LD, S, TBA, TU, UPS  
 Ecol.: corticolous on deciduous trees  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fq
- TURFACEA** (Wahlenb.) Körb. – TU  
 Ecol.: lignicolous on decaying wood  
 Distr.: NE  
 Freq.: rr

**ROPALOSPORA** A. Massal. – 1**VIRIDIS** (Tønsberg) Tønsberg – UPSSyn.: *Fuscidea viridis* Tønsberg

Ecol.: corticolous on deciduous trees

Distr.: NW

Freq.: rr

**SAGIOLECHIA** A. Massal. – 1**PROTUBERANS** (Ach.) A. Massal. – ICEB, LD, TU, UPS

Ecol.: saxicolous on calcareous rocks

Distr.: NW, WIs

Freq.: st r

**SARCOGYNE** Flot. – 2**PRIVIGNA** (Ach.) A. Massal. – TUSyn.: *Biatorella privigna* (Ach.) Sandst.

Ecol.: saxicolous on granite and calcareous rocks

Distr.: WIs

Freq.: rr

**REGULARIS** Körb. – ICEB, LD, S, TUSyn.: *Sarcogyne pruinosa* auct.

Ecol.: saxicolous on calcareous rocks

Distr.: NW, WIs

Freq.: st fq

**SAREA** Fr. – 2**+DIFFORMIS** (Fr.) Fr. Körb. – TUSyn.: *Biatorella difformis* (Fr.) Vain.*Tromera difformis* (Fr.) RehmEcol.: saprophytic, on resin of coniferous trees (*Pinus*)

Distr.: NW, SE

Freq.: rr

**+RESINAE** (Fr.: Fr.) Kuntze – TUSyn.: *Biatorella resinae* (Fr.: Fr.) Fr.*Tromera resinae* (Fr.: Fr.) Körb.Ecol.: saprophytic, on resin of coniferous trees (*Picea*, *Pinus*)

Distr.: SE, SW, WIs

Freq.: st r

**SCHAERERIA** Körb. – 1**FUSCOCINEREA** (Nyl.) Clauzade & Cl. Roux – LD, TUSyn.: *Lecidea griseoatra* auct.*Lecidea tenebrosa* Flot.*Schaereria tenebrosa* (Flot.) Hertel & Poelt

Ecol.: saxicolous on granite

Distr.: NW, WIs

Freq.: st r

**SCHISMATOMMA** Flot. & Körb. ex A. Massal. – 1**PERICLEUM** (Ach.) Branth & Rostr. – S, TUSyn.: *Schismatomma abietinum* (Humb.) A. Massal.Ecol.: corticolous on coniferous (*Picea*) and deciduous trees (*Quercus*, *Betula*)

Distr.: NW, NE, SE, SW, WIs

Freq.: st r

**SCLEROPHORA** Chevall. – 4

Est.: nuisamblik

**CONIOPHAEA** (Norman) J. Mattsson & Middelb. – S, TUSyn.: *Chaenotheca coniophaea* (Norman) Tibell*Coniocybe coniophaea* Norman

Ecol.: corticolous on deciduous trees

Distr.: NW, NE

Freq.: rr

**FARINACEA** (Chevall.) Chevall. – H, LD, TUSyn.: *Coniocybe farinacea* (Chevall.) Nyl.

Ecol.: corticolous on deciduous trees, rarely lignicolous

Distr.: NW, NE, WIs

Freq.: r

**NIVEA** (Hoffm.) Tibell – H, TAL, TBA, TU

Est.: lumi-nuisamblik

Syn.: *Coniocybe pallida* (Pers.) Fr.

Ecol.: corticolous on deciduous trees, rarely lignicolous

Distr.: NW, NE, SE, SW, WIs

Freq.: st fq

**PERONELLA** (Ach.) Tibell – TBASyn.: *Coniocybe hyalinella* Nyl.

Ecol.: corticolous on deciduous trees

Distr.: SW

Freq.: rr

**SCOLICIOSPORUM** A. Massal. – 3**CHLOROCOCCUM** (Stenh.) Vezda – ICEB, IE, LD, S, TBA, TUSyn.: *Bacidia chlorococca* (Stenh.) Lettau

Ecol.: corticolous on deciduous and coniferous trees

Distr.: NW, NE, SE, SW, WIs

Freq.: fq

**SAROTHAMNI** (Vain.) Vezda – S, TU, UPSSyn.: *Bacidia sarothamni* Vain.

Ecol.: corticolous on deciduous trees

Distr.: NW, SE

Freq.: r

**UMBRINUM** (Ach.) Arnold – ICEB, LD, S, TU, UPSSyn.: *Bacidia umbrina* (Ach.) Bausch

Ecol.: saxicolous on granite and corticolous on deciduous trees

Distr.: NW, WIs

Freq.: st r

**SOLORINA** Ach. – 3

Est.: lohksamblik

**BISPORA** Nyl. – UPS

Est.: kaheeoseline lohksamblik

Ecol.: on mossy rocks

Distr.: WIs

Freq.: rr

**SACCATA** (L.) Ach. – IE, TAL, TU

Est.: harilik lohksamblik

Ecol.: on calciferous soil, on mosses

Distr.: NW, NE, WIs

Freq.: st r

**SPONGIOSA** (Ach.) Anzi – TU

Est.: kāsñjas lohksamblik

Ecol.: on calciferous soil

Distr.: NE, WIs

Freq.: r

**SPHAEROPHORUS** Pers. – 1

Est.: korallsamblik

**GLOBOSUS** (Huds.) Vain. – TU

Est.: kerajas korallsamblik

Ecol.: on soil

Distr.: NW, WIs

Freq.: rr

**SQUAMARINA** Poelt – 1

Est.: vahasamblik

**LENTIGERA** (Weber) Poelt – LD, S, TU, UPS

Est.: valge vahasamblik

Syn.: *Lecanora lentigera* (Weber) Ach.

Ecol.: on calciferous soil

Distr.: WIs

Freq.: r

**STAUROTHELE** Norman – 3**?CAESIA** (Arnold) Arnold – Bruttan, 1870

Ecol.: saxicolous on calcareous rocks

Distr.: WIs

Freq.: rr

**FISSA** (Taylor) Zwackh. – TUSyn.: *Staurothele lithina* sensu Zahlbr.

Ecol.: saxicolous on granite by river

Distr.: NW, NE

Freq.: rr

**FRUSTULENTA** Vain. – ICEB, TUSyn.: ?*Staurothele elegans* (Wallr.) Zwackh.

Ecol.: saxicolous on granite and calcareous rocks

Distr.: NE, SE, NW

Freq.: r

**STENOCYBE** (Nyl.) Körb. – 1+**PULLATULA** (Ach.) Stein – S, TU

Syn.: *Stenocybe byssacea* (Fr.) Körb.  
 Ecol.: corticolous on deciduous trees  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fq

**STEREOCAULON** Hoffm. – 10

Est.: tinasamblik

**CONDENSATUM** Hoffm. – IE, TAL, TU

Est.: pisi-tinasamblik  
 Ecol.: on sandy soil  
 Distr.: NW, NE, SE, WIs  
 Freq.: st fq

**DACTYLOPHYLLUM** Flörke – TU

Est.: sörm-tinasamblik  
 Syn.: *Stereocaulon coralloides* Fr.  
 Ecol.: saxicolous on granite  
 Distr.: NW, SE, WIs  
 Freq.: st fq

\* **EVOLUTUM** Graewe ex Th. Fr. – TU

Est.: rull-tinasamblik  
 Ecol.: saxicolous on granite  
 Distr.: NW  
 Freq.: rr

**GLAREOSUM** (Savicz) H. Magn. – TU

Est.: kruusa-tinasamblik  
 Ecol.: on sandy soil  
 Distr.: NW, SE  
 Freq.: st r

**INCRUSTATUM** Flörke – LD, TU

Est.: kribu-tinasamblik  
 Ecol.: on sandy soil  
 Distr.: NW, NE, SE, WIs  
 Freq.: st fq

**PASCHALE** (L.) Hoffm. – IE, TAL, TU

Est.: nõmm-tinasamblik  
 Ecol.: on soil, saxicolous on granite among mosses  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq

**SAXATILE** H. Magn. – TU, UPS

Est.: kivi-tinasamblik  
 Syn.: *Stereocaulon evolutoides* (H. Magn.) Frey  
 Ecol.: saxicolous on granite, rarely on calcareous rocks, on soil  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fq

**SUBCORALLOIDES** (Nyl.) Nyl. – TU

Est.: korall-tinasamblik  
 Ecol.: saxicolous on granite  
 Distr.: NW, NE, SE, WIs  
 Freq.: st fq

**TOMENTOSUM** Fr. – IE, TAL, TU, UPS

Est.: vilt-tinasamblik

Ecol.: on sandy soil, saxicolous, rarely on soil among mosses

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**VESUVIANUM** Pers. – TU

Est.: paljas tinasamblik

Syn.: *Stereocaulon denudatum* Flörke

Ecol.: saxicolous on granite

Distr.: NW

Freq.: rr

**STIGMIDIUM** Trevis. – 3#**MICROSPILUM** (Körb.) D. Hawksw. – TUSyn.: *Arthopyrenia microspila* Körb.Ecol.: lichenicolous on thallus of *Graphis scripta*

Distr.: SE, WIs

Freq.: r

#**PELTIDEAE** (Vain.) R. Sant. – UPSEcol.: lichenicolous on thallus of *Solorina saccata*

Distr.: WIs

Freq.: rr

#**PUMILUM** (Lettau) Matzer & Hafellner – TUEcol.: lichenicolous on thallus of *Physcia caesia*

Distr.: WIs

Freq.: rr

**STRANGOSPORA** Körb. – 2**MORIFORMIS** (Ach.) Stein – ICEB, TUSyn.: *Biatorella moriformis* (Ach.) Th. Fr.Ecol.: corticolous on coniferous trees (*Pinus*)

Distr.: NW, SE

Freq.: rr

**PINICOLA** (A. Massal.) Körb. – ICEBSyn.: *Biatorella pinicola* (A. Massal.) Körb.

Ecol.: corticolous on coniferous trees

Distr.: NE, NW

Freq.: rr

**TEPHROMELA** M. Choisy – 1**ATRA** (Huds.) Hafellner ex Kalb – ICEB, H, IE, S, TAL, TBA, TUSyn.: *Lecanora atra* (Huds.) Ach.

Ecol.: saxicolous on granite, sometimes also corticolous on deciduous trees

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**THELIDIUM** A. Massal. – 3**DECIPIENS** (Nyl.) Kremp. – LDSyn.: *Thelidium absconditum* (Hepp) Rabenh.

Ecol.: saxicolous on calcareous rocks

Distr.: WIs

Freq.: rr

**INCAVATUM** Mudd – LD

Ecol.: saxicolous on calcareous rocks

Distr.: WIs

Freq.: rr

\* **PYRENOPHORUM** (Ach.) Mudd – TU

Ecol.: saxicolous on calcareous rocks

Distr.: WIs

Freq.: rr

**THELOCARPON** Nyl. ex Hue – 1**LAURERI** (Flot.) Nyl. – TUSyn.: *Thelocarpon epilithellum* Nyl.

Ecol.: lignicolous

Distr.: SE

Freq.: rr

**THELOMMA** A. Massal. – 1**OCELLATUM** (Körb.) Tibell – S, TU

Ecol.: lignicolous

Distr.: NW, WIs

Freq.: r

**THELOTREMA** Ach. – 1

Est.: koobassamblik

**LEPADINUM** (Ach.) Ach. – LD, TU

Est.: harilik koobassamblik

Ecol.: corticolous mainly on deciduous trees, sometimes on coniferous trees

Distr.: NE, SW, WIs

Freq.: st fq

**THROMBIUM** Wallr. – 1? **EPIGAEUM** (Pers.) Wallr. – Trass, 1970

Ecol.: on sandy soil

Distr.: SE

Freq.: rr

**TONINIA** A. Massal. – 2

Est.: nappsamblik

**SEDIFOLIA** (Scop.) Timdal – IE, S, TU

Est.: sinakas nappsamblik

Syn.: *Toninia caeruleonigricans* auct.

Ecol.: on calciferous soil, on mosses

Distr.: NW, WIs

Freq.: st fq

**VERRUCARIOIDES** (Nyl.) Timdal – LD

Est.: pruunikas nappsamblik

Syn.: *Toninia cervina* Lönnr.

Ecol.: on calciferous soil

Distr.: WIs

Freq.: rr



**TRAPELIA** M. Choisy – 2\* **COARCTATA** (Sm.) M. Choisy – TUSyn.: *Lecidea coarctata* (Sm.) Nyl.

Ecol.: saxicolous on granite

Distr.: WIs

Freq.: rr

**PLACODIODES** Coppins & P. James – TU

Ecol.: saxicolous on brick

Distr.: NW

Freq.: rr

**TRAPELIOPSIS** Hertel & Gotth. Schneid. – 3**FLEXUOSA** (Fr.) Coppins & P. James – ICEB, LD, S, TBA, TUSyn.: *Lecidea flexuosa* (Fr.) Nyl.

Ecol.: lignicolous, on soil

Distr.: NW, NE, SE, SW, WIs

Freq.: fq

**GRANULOSA** (Hoffm.) Lumbsch – H, ICEB, IE, LD, S, TAL, TBA, TUSyn.: *Lecidea granulosa* (Hoffm.) Ach.

Ecol.: on soil, on plant debris, on mosses

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**PSEUDOGANULOSA** Coppins & P. James – TU

Ecol.: on soil

Distr.: SE

Freq.: rr

**TREMOLECIA** M. Choisy – 1**ATRATA** (Ach.) Hertel – IE, TBA, TUSyn.: *Lecidea dicksonii* auct.

Ecol.: saxicolous on granite

Distr.: NW, WIs

Freq.: r

**TUCKERMANNOPSIS** Gyeln. – 1

Est.: oksasamblik

**CHLOROPHYLLA** (Willd.) Hale – ICEB, IE, TAL, TU

Est.: ääris-oksasamblik

Syn.: *Cetraria chlorophylla* (Willd.) Vain.*Cetraria scutata* auct.

Ecol.: corticolous mainly on coniferous trees, lignicolous, sometimes saxicolous on granite

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**UMBILICARIA** Hoffm. – 12

Est.: kõrvsamblik, kivikõrv

**CINERASCENS** (Arnold) Frey – ICEB

Est.: tuhk-kõrvsamblik

Syn.: *Umbilicaria polyphylla* var. *cinerascens* (Arnold) Vain.

Ecol.: saxicolous on granite

Distr.: NW

Freq.: rr

- CYLINDRICA** (L.) Delise ex Duby – TU  
 Est.: rips-kõrvsamblik  
 Ecol.: saxicolous on granite  
 Distr.: SE  
 Freq.: rr
- DECUSSATA** (Vill.) Zahlbr. – ICEB, TU  
 Est.: võrk-kõrvsamblik  
 Ecol.: saxicolous on granite on seashore  
 Distr.: NW  
 Freq.: rr
- DEUSTA** (L.) Baumb. – ICEB, TAL, TU  
 Est.: kare kõrvsamblik  
 Ecol.: saxicolous on granite  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq
- ? **GRISEA** Hoffm. – Räsänen, 1931  
 Est.: hall kõrvsamblik  
 Syn.: *Umbilicaria murina* (Ach.) DC.  
 Ecol.: saxicolous on granite  
 Distr.: NW  
 Freq.: rr
- HYPERBOREA** (Ach.) Hoffm. – ICEB, TU  
 Est.: põhja-kõrvsamblik  
 Ecol.: saxicolous on granite  
 Distr.: NW  
 Freq.: r
- NYLANDERIANA** (Zahlbr.) H. Magn. – ICEB, TU  
 Est.: Nylanderi kõrvsamblik  
 Ecol.: saxicolous on granite  
 Distr.: NW  
 Freq.: rr
- POLYPHYLLA** (L.) Baumg. – ICEB, IE, TAL, TU  
 Est.: hõlm-kõrvsamblik  
 Ecol.: saxicolous on granite  
 Distr.: NW, NE, SE, WIs  
 Freq.: fqq  
 Com.: probably distributed in all regions
- POLYRRHIZA** (L.) Fr. – ICEB, TU  
 Est.: harjas-kõrvsamblik  
 Ecol.: saxicolous on granite in marine zone  
 Distr.: NW, NE, WIs  
 Freq.: st fq
- PROBOSCIDEA** (L.) Schrad. – TU  
 Est.: kurd-kõrvsamblik  
 Ecol.: saxicolous on granite  
 Distr.: NW, SE  
 Freq.: rr
- TORREFACTA** (Lightf.) Schrad. – ICEB, TU  
 Est.: pits-kõrvsamblik  
 Syn.: *Umbilicaria erosa* (Weber) Hoffm.  
 Ecol.: saxicolous on granite in marine zone, rarely on sandstone cliffs  
 Distr.: NW, NE, WIs  
 Freq.: st fq

?**VELLEA** (L.) Hoffm. – Wasmuth, 1907

Est.: suur kõrvsamblik  
Ecol.: saxicolous on granite  
Distr.: NW  
Freq.: rr

**USNEA** Dill. ex Adans. – **12**

Est.: habesamblik, puuhabe

?**ARTICULATA** (L.) Hoffm. – Mereschkowski, 1913

Est.: põis-habesamblik  
Ecol.: corticolous  
Distr.: NW  
Freq.: rr

**FILIPENDULA** Stirt. – ICEB, IE, TAL, TU

Est.: pikk habesamblik  
Syn.: *Usnea caucasica* sensu Trass & Randleane, 1994  
*Usnea dasypoga* (Ach.) Stirt.  
*Usnea esthonica* Räsänen  
*Usnea sublaxa* Vain.

Ecol.: corticolous on coniferous (*Picea*, *Pinus*) and deciduous trees (*Betula*)  
Distr.: NW, NE, SE, SW, WIs  
Freq.: fqq

**FULVOREAGENS** (Räsänen) Räsänen – ICEB, TU

Est.: värvuv habesamblik  
Ecol.: corticolous on coniferous trees  
Distr.: NW, SE  
Freq.: st r

**GLABRATA** (Ach.) Vain. – TU

Est.:sile habesamblik  
Syn.: *Usnea soreddifera* (Arnold) Lynge  
Ecol.: corticolous on coniferous (*Picea*) and deciduous trees (*Betula*)  
Distr.: SE, SW  
Freq.: r

**GLABRESCENS** (Vain.) Vain. – TU

Est.: jäik habesamblik  
Syn.: *Usnea distincta* Motyka  
Ecol.: corticolous on coniferous trees (*Pinus*, *Picea*, *Larix*)  
Distr.: NW, NE, SE, SW  
Freq.: st fq

**HIRTA** (L.) F. H. Wigg. – ICEB, IE, TAL, TBA, TU

Est.: kahar habesamblik  
Syn.: *Usnea foveata* sensu Trass & Randleane, 1994  
Ecol.: corticolous on coniferous (*Pinus*, *Picea*) and deciduous trees (*Betula*), lignicolous  
Distr.: NW, NE, SE, SW, WIs  
Freq.: fqq

**LAPPONICA** Vain. – TU

Est.: lapi habesamblik  
Syn.: *Usnea soreddifera* Motyka  
Ecol.: corticolous on coniferous and deciduous trees  
Distr.: NW, NE, SE  
Freq.: st r

**?LONGISSIMA** Ach. – Mereschkowski, 1913

Est.: hiid-habesamblik  
 Ecol.: corticolous  
 Distr.: NW  
 Freq.: rr

**SCABRATA** Nyl. – ICEB, TAL, TU

Est.: kare habesamblik  
 Syn.: *Usnea barbata* (L.) Weber ex F. H. Wigg.  
*Usnea diplotypus* sensu Trass & Randlane, 1994  
*Usnea prostrata* Vain. ex Räsänen  
*Usnea rugulosa* Vain.  
*Usnea sylvatica* Motyka  
 Ecol.: corticolous on coniferous (*Picea*, *Pinus*), rarely on deciduous trees (*Alnus*), occasionally saxicolous  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fq

**SUBFLORIDANA** Stirt. – ICEB, IE, TAL, TU

Est.: vars-habesamblik  
 Syn.: *Usnea comosa* (Ach.) Vain.  
*Usnea subcomosa* (Vain.) Vain.  
 Ecol.: corticolous on coniferous (*Picea*, *Pinus*) and deciduous trees (*Betula*, *Alnus*)  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fqq

**SUBSTERILIS** Motyka – ICEB, TU

Est.: laik-habesamblik  
 Syn.: *Usnea fulvoreagens* pro parte sensu Trass & Randlane, 1994  
 Ecol.: corticolous on coniferous (*Pinus*) and deciduous trees (*Betula*)  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: st fq

**WASMUTHII** Räsänen – ICEB, TU

Est.: Wasmuthi habesamblik  
 Syn.: *Usnea fulvoreagens* pro parte sensu Trass & Randlane, 1994  
 Ecol.: corticolous on coniferous (*Picea*, *Pinus*) and deciduous trees (*Alnus*, *Betula*)  
 Distr.: NW, NE, SW, WIs  
 Freq.: st r

**VARICELLARIA** Nyl. – 1**?RHODOCARPA** (Körb.) Th. Fr. – Räsänen, 1931

Syn.: *Varicellaria kemensis* Räsänen  
 Ecol.: corticolous on deciduous (*Betula*) and coniferous (*Picea*) trees  
 Distr.: NE, WIs  
 Freq.: rr

**VERRUCARIA** Schrad. – 17

Est.: kirmesamblik

**?AETHIOBOLA** Wahlenb. – Trass, 1970

Ecol.: saxicolous on granite on the shore of lakes  
 Distr.: SE  
 Freq.: rr

- ?**CAERULEA** DC. – Mereschkowski, 1913  
 Syn.: *Involucrothele plumbea* (Ach.) Servit  
*Verrucaria glaucina* Ach.  
 Ecol.: saxicolous on calcareous rocks  
 Distr.: NW  
 Freq.: rr
- CALCISEDADA** DC. – LD, TU  
 Syn.: *Amphoridium calcisedum* (DC.) Servit  
 Ecol.: saxicolous on calcareous rocks  
 Distr.: NW, WIs  
 Freq.: st r
- ?**DUFOURII** DC. – Bruttan, 1870  
 Syn.: ?*Involucrothele concinna* (Borrer) Servit  
 Ecol.: saxicolous on calcareous rocks  
 Distr.: WIs  
 Freq.: rr
- FOVEOLATA** (Flörke) A. Massal. – LD  
 Syn.: *Amphoridium dolomiticum* A. Massal.  
 Ecol.: saxicolous on calcareous rocks  
 Distr.: WIs  
 Freq.: rr
- FUSCELLA** (Turner) Winch – LD, TU, UPS  
 Ecol.: saxicolous on calcareous rocks  
 Distr.: NW, WIs  
 Freq.: r
- GLAUCINA** auct. – LD, TU  
 Ecol.: saxicolous on calcareous rocks  
 Distr.: NW, WIs  
 Freq.: r
- ?**HYDRELA** Ach. – Trass, 1970  
 Ecol.: on granite on the shore of lakes and streams  
 Distr.: NW  
 Freq.: rr
- \***MACULIFORMIS** Kremp. – TU  
 Syn.: *Involucrothele maculiformis* (Kremp.) Servit  
 Ecol.: saxicolous on calcareous rocks  
 Distr.: NW  
 Freq.: rr
- MAURA** Wahlenb. – TU  
 Est.: meri-kirmesamblik  
 Ecol.: saxicolous on calcareous rocks in supralittoral zone  
 Distr.: NE, WIs  
 Freq.: st r
- ?**MEMNONIA** (Körb.) Arnold – Trass, 1970  
 Ecol.: saxicolous on granite in shaded localities  
 Distr.: WIs  
 Freq.: rr
- MURALIS** Ach. – ICEB, LD, TAL, TU  
 Est.: müür-kirmesamblik  
 Syn.: *Verrucaria confluens* A. Massal.  
*Verrucaria rupestris* Schrad.  
 Ecol.: saxicolous on calcareous rocks and mortar  
 Distr.: NW, NE, SE, SW, WIs  
 Freq.: fq

**NIGRESCENS** Pers. – ICEB, LD, TAL, TU

Est.: mustjas kirmesamblik

Syn.: *Verrucaria controversa* A. Massal.*Verrucaria fuscata* Pers.

Ecol.: saxicolous on calcareous rocks

Distr.: NW, NE, WIs

Freq.: fq

**OBSCURA** Th. Fr. – LD

Ecol.: saxicolous on calcareous rocks

Distr.: WIs

Freq.: rr

? **SUBMERSELLA** Servit – Trass, 1970Syn.: *Verrucaria submersa* Schaer.

Ecol.: saxicolous on granite on the shore of lakes

Distr.: SE

Freq.: rr

**VIRIDULA** (Schrad.) Ach. – LD

Ecol.: saxicolous on calcareous rocks

Distr.: WIs

Freq.: rr

**XYLOXENA** Norman – LDSyn.: *Verrucaria velutinoides* Hellb.

Ecol.: on soil

Distr.: NW

Freq.: rr

**VEZDAEA** Tsherm.-Woess & Poelt – 1**AESTIVALIS** (Ohlert) Tsherm.-Woess & Poelt – ICEBEcol.: on thallus of *Peltigera*

Distr.: NW

Freq.: rr

**VOUAUXIELLA** Petr. & Sydow – 1# **LICHENICOLA** (Linds.) Petr. & Sydow – UPSEcol.: lichenicolous on apothecia of corticolous *Lecanora*

Distr.: NW

Freq.: rr

**VOUAUXIOMYCES** Dyko & D. Hawksw. – 2# **RAMALINAE** (Nordin) D. Hawksw. – TUEcol.: lichenicolous on apothecia of *Ramalina fraxinea*

Distr.: NW, NE, SE, SW, WIs

Freq.: st fq

# **SANTESSONII** D. Hawksw. – TUEcol.: lichenicolous on *Platismatia glauca*

Distr.: NE, SE, SW

Freq.: st r

**VULPICIDA** J.-E. Mattsson & M. J. Lai – 3

Est.: rebasesamblik, rebasekõrv

**JUNIPERINA** (L.) J.-E. Mattsson & M. J. Lai – ICEB, IE, TAL, TU

Est.: kadaka-rebasesamblik, kadaka-rebasekõrv (end. kadaka-käokõrv)

Syn.: *Cetraria juniperina* (L.) Ach.

*Cetraria juniperina* var. *terrestris* Schaer.

*Tuckermannopsis juniperina* (L.) Hale

Ecol.: corticolous on *Juniperus communis*, sometimes on calciferous soil

Distr.: NW, NE, WIs

Freq.: fq

**PINASTRI** (Scop.) J.-E. Mattsson & M. J. Lai – ICEB, IE, LD, S, TAL, TU

Est.: männi-rebasesamblik, männi-rebasekõrv (end. männi-käokõrv)

Syn.: *Cetraria pinastri* (Scop.) Gray

*Tuckermannopsis pinastri* (Scop.) Hale

Ecol.: corticolous on coniferous (mainly on *Pinus sylvestris*) and on deciduous trees (*Betula*), lignicolous, rarely saxicolous on granite

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**TUBULOSA** (Schaer.) J.-E. Mattsson & M. J. Lai – IE, LD, S, TU, UPS

Est.: loo-rebasesamblik, loo-rebasekõrv (end. loo-käokõrv)

Syn.: *Cetraria alvarensis* (Wahlenb.) Vain.

Ecol.: on calciferous soil, sometimes corticolous on *Juniperus communis*

Distr.: NW, WIs

Freq.: st fq

**XANTHOPARMELIA** (Vain.) Hale – 3

Est.: koldsamblik

**CONSPERSA** (Ach.) Hale – ICEB, IE, S, TAL, TU

Est.: kare koldsamblik

Syn.: *Parmelia conspersa* (Ach.) Ach.

Ecol.: saxicolous on granite

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**MOUGEOTII** (Schaer. ex D. Dietrich) Hale – IE, TBA, TU

Est.: Mougeot' koldsamblik

Syn.: *Parmelia mougeotii* Schaer. ex D. Dietrich

Ecol.: saxicolous on granite

Distr.: NW, WIs

Freq.: r

**SOMLOËNSIS** (Gyeln.) Hale – ICEB, IE, LD, S, TAL, TU, UPS

Est.: kitsahõlmine koldsamblik

Syn.: *Parmelia molliuscula* Ach.

*Parmelia stenophylla* (Ach.) Du Rietz

*Parmelia taractica* auct. non Kremp.

Ecol.: corticolous on granite, rarely on mosses

Distr.: NW, NE, SE, SW, WIs

Freq.: fq

**XANTHORIA** (Fr.) Th. Fr. – 8

Est.: korpsamblik, seinakorp

**CALCICOLA** Oxner – ICEB, S, TU

Est.: lubja-korpsamblik

Syn.: *Xanthoria aureola* auct. pro parte, non (Ach.) Erichsen

*Xanthoria isidioidea* (Beltr.) Szatala

*Xanthoria parietina* var. *congranulata* (Cromb.) de Lesd.

Ecol.: saxicolous on calcareous rocks, sometimes corticolous

Distr.: NW, WIs

Freq.: st r

**CANDELARIA** (L.) Th. Fr. – ICEB, IE, LD, TBA, TU

Est.: pisi-korpsamblik

Syn.: *Xanthoria lychnea* (Ach.) Th. Fr.

Ecol.: saxicolous on granite, corticolous, lignicolous

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

? **ELEGANS** (Link) Th. Fr. – Räsänen, 1931

Est.: punakas korpsamblik

Syn.: *Caloplaca elegans* (Link) Th. Fr.

Ecol.: saxicolous on calcareous rocks

Distr.: NW

Freq.: rr

**FALLAX** (Hepp) Arnold – TU

Est.: lehtjas korpsamblik

Syn.: *Xanthoria substellaris* (Ach.) Vain.

Ecol.: corticolous on deciduous trees

Distr.: NW, NE, SE, SW

Freq.: st r

**FULVA** (Hoffm.) Poelt & Petutschnig – ICEB, TAL, TBA, TU

Est.: soomusjas korpsamblik

Syn.: *Xanthoria subramulosa* Räsänen

Ecol.: corticolous on deciduous and coniferous trees

Distr.: NW, NE, SE, SW, WIs

Freq.: st r

**PARIETINA** (L.) Th. Fr. – ICEB, IE, LD, S, TAL, TBA, TU

Est.: harilik korpsamblik, harilik seinakorp,

Syn.: *Xanthoria aureola* (Ach.) Erichsen

Ecol.: corticolous mainly on deciduous trees, saxicolous, lignicolous

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**POLYCARPA** (Hoffm.) Th. Fr. ex Rieber – ICEB, IE, LD, S, TAL, TBA, TU

Est.: viljakas korpsamblik

Ecol.: corticolous mainly on deciduous trees, lignicolous

Distr.: NW, NE, SE, SW, WIs

Freq.: fqq

**SOREDIATA** (Vain.) Poelt – ICEB

Est.: teraline korpsamblik

Syn.: *Caloplaca sorediata* (Vain.) Du Rietz

*Placodium granulosum* (Schaer.) Vain.

Ecol.: saxicolous on calcareous rocks

Distr.: NW

Freq.: rr



**XANTHORIICOLA** D. Hawksw. – 1#**PHYSICIAE** (Kalchbr.) D. Hawksw. – TUEcol.: lichenicolous on apothecia of *Xanthoria parietina*

Distr.: WIs

Freq.: rr

**XYLOGRAPHA** Fr. – 3**PARALLELA** (Ach.: Fr.) Behlen & Desberg – LD, TUSyn.: *Xylographa abietina* (Pers.) Zahlbr.

Ecol.: lignicolous (on wood of coniferous trees)

Distr.: NW

Freq.: rr

**TRUNCISEDA** (Th. Fr.) Minks – TU

Ecol.: lignicolous

Distr.: SE

Freq.: rr

**VITILIGO** (Ach.) J. R. Laundon – ICEB, IE, LD, S, TU

Ecol.: corticolous on coniferous trees, rarely lignicolous

Distr.: NW, WIs

Freq.: st r

**ZWACKHIOMYCES** Grube & Hafellner – 2#**COEPULONOUS** (Norman) Grube & R. Sant. – TUEcol.: lichenicolous on thallus of *Xanthoria parietina*

Distr.: WIs

Freq.: rr

#**SPHINCTRINOIDES** (Zwackh) Grube & Hafellner – LDSyn.: *Didymella sphinctrinoides* (Zwackh) Berl. & VoglianoEcol.: lichenicolous on *Protoblastenia rupestris*

Distr.: NW, WIs

Freq.: rr

## Excluded taxa

- ASPICILIA FARINOSA** (Ach.) Arnold  
**ASPICILIA LAEVATA** (Flörke) Arnold  
**BUELLIA NIVALIS** (Bagl. & Carestia) Hertel  
Syn.: *Buellia margaritacea* (Sommerf.) Lyngbe  
**CALICIUM CORYNELLUM** (Ach.) Ach.  
**CALICIUM LENTICULARE** Ach.  
**CALOPLACA AURANTIA** (Pers.) Hellb.  
**CALOPLACA OBLITERANS** (Nyl.) Blomb. & Forss.  
**CATAPYRENIUM LACHNEUM** (Ach.) R. Sant.  
**CATILLARIA LENTICULARIS** (Ach.) Th. Fr.  
**CHAENOTHECOPSIS FAGINEA** Nädv.  
**CLADONIA AMAUROCRAEA** (Flörke) Schaer.  
**CLADONIA BELLIDIFLORA** (Ach.) Schaer.  
**CLADONIA ECMOCYNA** Leight.  
**CLADONIA MAGYARICA** Vain.  
**CLADONIA RAMULOSA** (With.) J. R. Laundon  
Syn.: *Cladonia pityrea* (Flörke) Fr.  
**CLADONIA STRICTA** (Nyl.) Nyl.  
Syn.: *Cladonia gracilescens* auct.  
**CLADONIA SUBCERVICORNIS** (Vain.) Kernst.  
**CLADONIA SUBFURCATA** (Nyl.) Arnold  
Syn.: *Cladonia delessertii* Vain.  
**CLADONIA ZOPFII** Vain.  
Syn.: *Cladonia destricta* auct.  
**DIPLOSCHISTES EUGANEUS** (A. Massal.) Steiner  
Syn.: *Diploschistes clausus* (Flot.) Zahlbr.  
**FUSCIDEA KOCHIANA** (Hepp) V. Wirth & Vezda  
Syn.: *Lecidea kochiana* Hepp  
**HYPOGYMNIA DUPLICATA** (Ach.) Rass.  
**LECANIA SUBFUSCULA** (Nyl.) S. Ekman  
Syn.: *Bacidia subfuscula* (Nyl.) Th. Fr.  
**LECANIA PRASINOIDES** Elenkin  
**LECANORA CONFERTA** (Duby ex Fr.) Grognot  
**LECANORA FUSCESCENS** (Sommerf.) Nyl.  
Syn.: *Lecidea fuscescens* Sommerf.  
**LECANORA SCRUPULOSA** Ach.  
**LECIDEA ASSERCULORUM** Ach.  
**LECIDEA OLIVASCENS** Th. Fr.  
**LECIDEA PLANORBIS** (Körb.) Lettau  
**LECIDEA 'SPHAERELLA'** Hedl.  
Syn.: *Lecidea sylvana* sensu Th. Fr. p.p.  
**LECIDELLA ANOMALOIDES** (A. Massal.) Hertel & H. Kiliias  
Syn.: *Lecidea goniophila* auct.  
**LEPRARIA CINEREOSULPHUREA** Flörke  
**LEPRARIA FARINOSA** (Hoffm.) Ach.  
**LEPROLOMA MEMBRANACEUM** (Dicks.) Vain.  
Syn.: *Crocynia membranacea* (Dicks.) Vain.  
*Lepraria membranacea* (Dicks.) Vain.

- LEPTORHAPHIS ATOMARIA** (Ach.) Szatala  
**LOBARIA LINITA** (Ach.) Rabenth.  
**MELANELIA LACINIATULA** (Flagey ex H. Olivier) Essl.  
 Syn.: *Parmelia laciniatula* (Flagey ex H. Olivier) Zahlbr.  
**MICAREA ERRATICA** (Körb.) Hertel, Rambold & Pietschm.  
 Syn.: *Lecidea erratica* Körb.  
**MICAREA SYLVICOLA** (Flot.) Vezda & V. Wirth  
 Syn.: *Lecidea sylvicola* Flot.  
**PACHYPHIALE CARNEOLA** (Ach.) Arnold  
 Syn.: *Pachyphiale cornea* (With.) Poetsch  
**PARMELIOPSIS HYPERBOREA** – a misprint in Trass, 1970  
**PARMOTREMA CHINENSE** (Osbeck) Hale & Ahti  
 Syn.: *Parmelia perlata* Ach.  
**PHYSCIA CLEMENTEI** (Sm.) Maas Geest.  
 Syn.: *Physcia astroidea* (Clemente) Nyl.  
**POLYBLASTIA HYPERBOREA** Th. Fr.  
**PROTOPARMELIA NEPHEAEA** (Sommerf.) R. Sant.  
 Syn.: *Lecanora nephaea* Sommerf.  
**PSOROTICHTIA DIFFUNDENS** (Nyl.) Arnold  
**RAMALINA LACERA** (With.) J. R. Laundon  
 Syn. *Ramalina duriaei* (De Not.) Bagl.  
**RHIZOCARPON ALPICOLA** (Anzi) Rabenh.  
 Syn.: *Catocarpon alpicola* (Anzi) Arnold  
**RHIZOCARPON HOCHSTETTERI** (Körb.) Vain.  
 Syn.: *Catocarpon hochstetteri* (Körb.) Trass  
**RINODINA LECANORINA** (A. Massal.) A. Massal.  
 Syn.: *Rinodina ocellata* (Hoffm.) Arnold  
**SOLORINA OCTOSPORA** Arnold  
**SPORASTATIA TESTUDINEA** (Ach.) A. Massal.  
**STAUROTHELE FUSCOCUPREA** (Nyl.) Zschacke  
 Syn.: *Staurothele clopima* (Wahlenb.) Th. Fr.  
**THELIDIUM VELUTINUM** (Bernh.) Körb.  
**USNEA AUSTRALIS** Fr.  
**USNEA CINCHONAE** (Willd.) Zahlbr.  
**USNEA GLAUCA** Motyka  
**USNEA LARICINA** Vain.  
**USNEA PLICATA** (L.) Wigg.  
**USNEA PULVINATA** Fr.  
**VERRUCARIA CEUTHOCARPA** Wahlenb.  
**VERRUCARIA MAUROIDES** Vain.  
**VERRUCARIA SUBFOSSANS** Vain.

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# Index of Estonian names

## A

agusamblik = **ENDOCARPON**  
hall = **PSORODEUM**  
väike = **PUSILLUM**

## H

habesamblik = **USNEA**  
hiid- = **LONGISSIMA**  
jäik = **GLABRESCENS**  
kahar = **HIRTA**  
kare = **SCABRATA**  
kivi- = **DIPLOTYPUS**  
laik- = **SUBSTERILIS**  
lapi- = **LAPPONICA**  
pikk = **FILIPENDULA**  
põis- = **ARTICULATA**  
sile = **GLABRATA**  
vars- = **SUBFLORIDANA**  
värvuv = **FULVOREAGENS**  
Wasmuthi = **WASMUTHII**

hallsamblik = **HYPOGYMNA**

harilik = **PHYSODES**  
jahu- = **FARINACEA**  
toru- = **TUBULOSA**  
ääris- = **VITTATA**

hariksamblik = **MULTICLAVULA**

kevadine (kevadine pisiharik) = **VERNALIS**  
limane (limane puiduharik) = **MUCIDA**

harjassamblik = **POLYCHIDIUM**

rünk- = **MUSCICOLA**

huulsamblik = **HETERODERMIA**

nõudlik = **SPECIOSA**

helksamblik = **CETRELIA**

harilik = **CETRARIOIDES**  
oliiv- = **OLIVETORUM**

hõlmasamblik = **PLATISMATIA**

hall = **GLAUCA**

härmasamblik = **PHYSCONIA**

hall = **GRISEA**  
harilik = **DISTORTA**  
kare = **PERISIDIOSA**  
kollakas = **ENTEROXANTHA**  
sambla- = **MUSCIGENA**  
sinakas = **DETERSA**

## J

jahusamblik = **PHLYCTIS**  
harilik = **ARGENA**  
täpiline = **AGELAEA**

jalgsamblik = **CALICIUM**

roheline = **VIRIDE**

## K

kaartsamblik = **RHIZOCARPON**  
harilik = **GEOGRAPHICUM**

karesamblik = **PSEUDEVERNIA**

hall = **FURFURACEA**

kaussamblik = **GYALECTA**

jalaka- = **ULMI**

ketassamblik = **CLIOSTOMUM**

hele = **CORRUGATUM**

kiiriksamblik = **OPEGRAPHA**

kilpsamblik = **PELTIGERA**

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hele = **PONOJENSIS**  
jalami- = **PRAETEXTATA**  
jänese- = **LEPIDOPHORA**  
kare = **SCABROSA**  
kiri- = **LEUCOPHLEBIA**  
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lehtjas = **NEOPOLYDACTYLA**  
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Neckeri = **NECKERI**  
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harilik = **SCRIPTA**

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meri- = **MAURA**  
mustjas = **NIGRESCENS**  
müür- = **MURALIS**

kitsesamblik = **FLAVOPARMELIA**  
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koldsamblik = **XANTHOPARMELIA**  
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koobassamblik = **THELOTREMA**  
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kopsusamblik = **LOBARIA**  
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punakas = **ELEGANS**  
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kuldsamblik = **CALOPLACA**  
ere = **THALLINCOLA**  
hall = **CERINA**  
kera- = **SINAPISPERMA**  
kivi- = **VITELLINULA**  
kõber = **DECIPIENS**  
lõuna- = **BIATORINA**  
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näsa- = **VERRUCULIFERA**  
pisi- = **MICROTHALLINA**  
rand- = **SCOPULARIS**  
tava- = **FLAVORUBESCENS**

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hall = **GRISEA**  
harjas- = **POLYRRHIZA**  
tuhk- = **CINERASCENS**  
hõlm- = **POLYPHYLLA**  
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kurd- = **PROBOSCIDEA**  
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põhja- = **HYPERBOREA**  
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võrk- = **DECUSSATA**

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kadaka- ® rebasesamblik, kadaka-  
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loo- ® rebasesamblik, loo-  
männi- ® rebasesamblik, männi-  
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sarv- = **ACULEATA**

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harilik = **'SEPINCOLA'**  
islandi = **ISLANDICA**  
kitsas = **ERICETORUM**  
põõsasjas = **MURICATA**  
sarv = **ACULEATA**

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kera- = **EUPHOREA**  
piir- = **ELAEOCHROMA**

kühmsamblik = **ACROCORDIA**  
suur = **GEMMATA**  
väike = **CAVATA**

## L

lagusamblik = **PARMELIOPSIS**  
kollane = **AMBIGUA**  
tera- = **HYPEROPTA**

lapiksamblik = **PARMELIA**  
kivi- = **SAXATILIS**  
kriips- = **OMPHALODES**  
petlik = **FRAUDANS**  
vagu- = **SULCATA**

leeksamblik = **CANDELARIA**  
harilik = **CONCOLOR**

lehtersamblik = **ASPICILIA**  
hall = **CINEREA**  
lubi- = **CALCAREA**

liibsamblik = **HYPERPHYSCIA**  
liimjas = **ADGLUTINATA**

liistsamblik = **LEMPHOLEMMA**pisi- = **ISIDIODES**sambla- = **POLYANTHES**limasamblik = **COLLEMA**Bachmani = **BACHMANIANUM**hari- = **CRISTATUM**jõgi- = **FLUVIATILE**kile- = **LIMOSUM**kõrv- = **AURIFORME**kähar = **CRISPUM**laineline = **UNDULATUM**must = **NIGRESCENS**mustjas = **SUBNIGRESCENS**pisi- = **PARVUM**sitke = **TENAX**soomus- = **FLACCIDUM**tera- = **OCCULTATUM**tume = **FUSCOVIRENS**viljakas = **POLYCARPON**liudsamblik = **LECANORA**Achariuse = **ACHARIANA**härm- = **CRENULATA**kahvatu = **CARPINEA**kalju- = **RUPICOLA**lepa- = **ALLOPHANA**linna- = **CONIZAEOIDES**müüri- = **DISPERSA**pruun = **ARGENTATA**rant- = **MURALIS**sile = **PULICARIS**suur = **MACROCYCLOS**tara- = **VARIA**valkjas = **ALBESCENS**väävel- = **SULPHUREA**lohksamblik = **SOLORINA**harilik = **SACCATA**kaheeoseline = **BISPORA**käsnyas = **SPONGIOSA**lumisamblik = **PERTUSARIA**ketas- = **ALBESCENS**kibe = **AMARA**kühm- = **LEIOPLACA**näsa- = **PERTUSA**luulissamblik = **PYRENULA**sarapuu- = **CORYLI**lõhnasamblik = **EVERNIA**kahar = **MESOMORPHA**kollane = **PRUNASTRI**pikk = **DIVARICATA**löövesamblik = **LEPRARIA**jahu- = **INCANA****M**mõhnsamblik = **BACIDIA**punakas = **RUBELLA**saare- = **FRAXINEA****N**naastsamblik = **PSORA**stepi- = **DECIPIENS**nagasamblik = **PILOPHORUS**harilik = **CEREOLUS**nahksamblik = **DERMATOCARPON**Arnoldi = **ARNOLDIANUM**jõgi- = **LURIDUM**pisi- = **MEIOPHYLLIZUM**väike = **MINIATUM**õhuke = **LEPTOPHYLLUM**nappsamblik = **TONINIA**pruunikas = **VERRUCARIOIDES**sinakas = **SEDIFOLIA**narmassamblik = **BRYORIA**hall = **SUBCANA**kahevärviline = **BICOLOR**lamav = **INTRICANS**Nadvorniki = **NADVORNIKIANA**nõel- = **FURCELLATA**peen = **CAPILLARIS**pruunikas = **FUSCESCENS**puhmik- = **SIMPLICIOR**pundar- = **CHALYBEIFORMIS**tuhm = **IMPLEXA**neersamblik = **NEPHROMA**harilik = **PARLE**kare = **ISIDIOSUM**kaunis = **BELLUM**kääv- = **RESUPINATUM**shveitsi = **HELVETICUM**sile = **LAEVIGATUM**tundra- = **ARCTICUM**

nisasamblik = **PYCNOTHELIA**  
 harilik = **PAPILLARIA**

nublusamblik = **LECANACTIS**  
 kuuse- = **ABIETINA**

nuisamblik = **SCLEROPHORA**  
 lumi- = **NIVEA**

nuppsamblik = **BUELLIA**

nõgisamblik = **PARMELIELLA**  
 väike = **TRIPTOPHYLLA**

näsasamblik = **LECIDEA**

nööpsamblik = **MEGALARIA**  
 suur = **GROSSA**

## O

oksasamblik = **TUCKERMANNOPSIS**  
 harilik ® käokõrv, harilik  
 ääris- = **CHLOROPHYLLA**

## P

parasiitnahkis = **ATHELIA ARACHNOIDEA**

pargisamblik = **PLEUROSTICTA**  
 liud- = **ACETABULUM**

poorsamblik = **MENEGAZZIA**  
 harilik = **TEREBRATA**

porosamblik = **CLADONIA**  
 alpi = **MACROPHYLLA**  
 Flörke = **FLOERKEANA**  
 Gray = **GRAYI**  
 hall = **GLAUCA**  
 harkjas = **FURCATA**  
 hirve- = **CERVICORNIS** ssp. **CERVICORNIS**  
 kare = **SCABRIUSCULA**  
 karik- = **FIMBRIATA**  
 kepjat = **BACILLIFORMIS**  
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 kobar- = **BOTRYTES**  
 kollane = **SULPHURINA**  
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 korrus- = **CERVICORNIS** ssp. **VERTICILLATA**  
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 kõhetu = **MACILENTA**  
 kähar = **CRISPATA**  
 leht- = **FOLIACEA**

lehter- = **CENOTEA**  
 lehvik- = **POLYDACTYLA**  
 lihakarva = **CARNEOLA**  
 liibuv = **POCILLUM**  
 liud- = **METACORALLIFERA**  
 loo- = **SUBRANGIFORMIS**  
 madal = **BREVIS**  
 muru- = **RANGIFORMIS**  
 mustjalg- = **GRACILIS** ssp. **ELONGATA**  
 mäta- = **CAESPITICA**  
 määndunud = **NOVOCHLOROPHAEA**  
 naaskel- = **CONIOCRAEA**  
 norra = **NORVEGICA**  
 peeker- = **PYXIDATA**  
 peit- = **CRYPTOCHLOROPHAEA**  
 pikk = **MACROCERAS**  
 pisi- = **INCRASSATA**  
 pruunikasmust = **MEROCHLOROPHAEA**  
 puhetunud = **BACILLARIS**  
 punapea- = **COCCIFERA**  
 põhja- = **BOREALIS**  
 Rei = **REI**  
 sale = **GRACILIS** ssp. **GRACILIS**, **GRACILIS** ssp.  
**TURBINATA**  
 sarv- = **CORNUTA**  
 sinijalg- = **CYANIPES**  
 soomus- = **SQUAMOSA**  
 sõrmjas = **DIGITATA**  
 tamme- = **PARASITICA**  
 tera- = **CHLOROPHAEA**  
 teravtipp- = **ACUMINATA**  
 tuhk- = **OCHROCHLORA**  
 turd = **TURGIDA**  
 täht- = **UNCIALIS**  
 valgetäpp- = **PHYLLOPHORA**  
 vaip- = **SYMPHYCARPIA**  
 vask- = **CONVOLUTA**  
 vigel- = **SUBULATA**  
 väävel- = **DEFORMIS**

pruunsamblik = **MELANELIA**  
 hõbe- = **SUBARGENTIFERA**  
 kase- = **OLIVACEA**  
 kivi- = **COMMIXTA**  
 kuld- = **SUBAURIFERA**  
 lapp- = **DISJUNCTA**  
 läikiv = **STYGIA**  
 mustjas = **FULIGINOSA**  
 nui- = **EXASPERATULA**  
 näsa- = **EXASPERATA**  
 põhja- = **SEPTENTRIONALIS**  
 rohekas = **FULIGINOSA**



sale = **ELEGANTULA**  
 sile = **GLABRA**  
 tume = **HEPATIZON**  
 täpp- = **SOREDIATA**

purusamblik = **OCHROLECHIA**

puuhabe = **USNEA**

põdrasamblik = **CLADINA**

alpi = **STELLARIS**  
 harilik = **RANGIFERINA**  
 mahe = **MITIS**  
 mets- = **ARBUSCULA**  
 peen = **CILIATA f. TENUIS**  
 raba- = **STYGLIA**  
 sagris = **PORTENTOSA**

põhjasamblik = **ARCTOPARMELIA**

pais- = **INCURVA**  
 sõõr- = **CENTRIFUGA**

põissamblik = **LASALLIA**

harilik = **PUSTULATA**

## R

rabasamblik = **ICMADOPHILA**

harilik = **ERICETORUM**

rebasekõrv = **VULPICIDA**

kadaka- = **JUNIPERINA**  
 loo- = **TUBULOSA**  
 männi- = **PINASTRI**

rebasesamblik = **VULPICIDA**

kadaka- = **JUNIPERINA**  
 loo- = **TUBULOSA**  
 männi- = **PINASTRI**

rihmsamblik = **RAMALINA**

balti = **BALTICA**  
 harilik = **FARINACEA**  
 hiina = **SINENSIS**  
 jäik = **ELEGANS**  
 kiiver- = **OBTUSATA**  
 kimp- = **FASTIGIATA**  
 kitsas = **SUBFARINACEA**  
 kivi- = **SILIQUOSA**  
 niitjas = **THRAUSTA**  
 püstine = **CAPITATA**  
 ranna- = **POLYMORPHA**

saare- = **FRAXINEA**  
 tolmu- = **POLLINARIA**  
 vagu- = **CALICARIS**  
 väike = **DILACERATA**

ripssamblik = **ANAPTYCHIA**

harilik = **CILIARIS var. CILIARIS**  
 meri- = **CILIARIS var. MELANOSTICTA**  
 tõmmu = **RUNCINATA**

roosasamblik = **DIBAEIS**

harilik = **BAEOMYCES**

rosettsamblik = **PHYSCIA**

kahtlane = **DUBIA**  
 Magnussoni = **MAGNUSSONII**  
 meri- = **TENELLA var. MARINA**  
 narmas- = **SEMIPINNATA**  
 rips- = **TENELLA var. TENELLA**  
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 tera- = **DIMIDIATA**  
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ruugsamblik = **NEOFUSCELIA**

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hall = **CINEREUM**  
 karvane = **PILOSELLUM**  
 pruunikas = **RUFESCENS**  
 soomus- = **SQUAMULOSUM**

## S

salusamblik = **PARMELINA**

pärna- = **TILIACEA**

seensamblik = **BAEOMYCES**

kahvatu = **CARNEUS**  
 pruun = **RUFUS**

seinakorp = **XANTHORIA**

harilik = **PARIETINA**

sinisamblik = **PANNARIA**

harilik = **PEZIZOIDES**  
 kalju- = **LEUCOPHAEA**

soomussamblik = **HYPOCENOMYCE**

Friesi = **FRIESII**  
 männi- = **ANTHRACOPHILA**  
 põis- = **CARADOCENSIS**  
 tera- = **SOROPHORA**  
 trepp- = **SCALARIS**

sõlgsamblik = **OMPHALINA**

turba- (turbasõlik) = **UMBELLIFERA**

sädesamblik = **CANDELARIELLA**

särasamblik = **FULGENSIA**

harilik = **BRACTEATA**  
 hölmik- = **FULGENS**

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## T

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haava- = **SATURNINUM**  
 harilik = **LICHENOIDES**  
 koorik- = **BYSSINUM**  
 oja- = **RIVULARE**  
 padjand- = **SCHRADERI**  
 pruun = **GELATINOSUM**  
 sinakas = **CYANESCENS**  
 sõrmjas = **TERETIUSCULUM**  
 tume = **PLICATILE**  
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 õrn = **TENUISSIMUM**

terasamblik = **IMSHAUGIA**

hall = **ALEURITES**

tinasamblik = **STEREOCAULON**

kivi- = **SAXATILE**  
 korall- = **SUBCORALLOIDES**  
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täpptsamblik = **PUNCTELIA**

hiis- = **SUBRUDECTA**

## U

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urnsamblik = **DIPLOSCHISTES**

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## V

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 kollane = **CHRYSOCEPHALA**  
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 coronata, *Pertusaria*  
 corrugatum, *Cliostomum*  
 coryli, *Pyrenula*  
 corynellum, *Calicium* (excl.)  
*crassa*, *Ramalina* → *Ramalina siliquosa*  
 crassissima, *Lepraria*  
*crassula*, *Lecanora* → *Lecanora chlarotera*  
 crenulata, *Lecanora*  
*crinalis*, *Alectoria* → *Ramalina thrausta*  
*crinalis*, *Ramalina* → *Ramalina thrausta*  
*crispa*, *Cetraria* → *Cetraria ericetorum*  
 crispata, *Cladonia*  
 crispata, *Cladonia crispata* var.  
 crispum, *Collema*  
 cristatum, *Collema*  
*crustulata*, *Huilia* → *Porpidia crustulata*  
*crustulata*, *Lecidea* → *Porpidia crustulata*  
 crustulata, *Porpidia*  
 cryptochlorophaea, *Cladonia*  
 cryptophila, *Catillaria*  
*cucullata*, *Alloctraria* → *Flavocetraria*  
 cucullata  
*cucullata*, *Cetraria* → *Flavocetraria cucullata*  
 cucullata, *Flavocetraria*  
*cuprea*, *Bacidia* → *Lecania cuprea*  
 cuprea, *Lecania*  
*cupularis*, *Gyalecta* → *Gyalecta jenensis*  
 cupularis, *Polyblastia*  
 cyanescens, *Leptogium*  
 cyanipes, *Cladonia*

cyathoides, *Fuscidea*  
*cyathoides*, *Lecidea* → *Fuscidea cyathoides*  
*cyclocelis*, *Physcia* → *Phaeophyscia orbicularis*  
 cylindrica, *Umbilicaria*  
 cyrtella, *Lecania*  
*cyrtellina*, *Lecania* → *Lecania cyrtella*

## D

dactylophyllum, *Stereocaulon*  
*dasaea*, *Lecidea* → *Placynthiella dasaea*  
 dasaea, *Placynthiella*  
*dasaea*, *Sacomorpha* → *Placynthiella dasaea*  
*dasypoga*, *Usnea* → *Usnea filipendula*  
 debilis, *Chaenothecopsis*  
 decipiens, *Caloplaca*  
 decipiens, *Psora*  
 decipiens, *Thelidium*  
*decolor*, *Physcia* → *Phaeophyscia endococcina*  
 decorticata, *Cladonia*  
 decussata, *Umbilicaria*  
 deformis, *Cladonia*  
*degenerans*, *Cladonia* → *Cladonia phyllophora*  
 degenii, *Peltigera*  
*delessertii*, *Cladonia* → *Cladonia subfurcata*  
 (excl.)  
*delicata*, *Cladonia* → *Cladonia parasitica*  
 delisei, *Neofuscelia pulla* var.  
*delisei*, *Neofuscelia* → *Neofuscelia pulla* var.  
 delisei  
*delisei*, *Parmelia pulla* var. → *Neofuscelia pulla*  
 var. delisei  
*delisei*, *Parmelia* → *Neofuscelia pulla* var.  
 delisei  
*demissa*, *Rinodina* → *Rinodina gennarii*  
*denigrata*, *Catillaria* → *Micarea denigrata*  
 denigrata, *Micarea*  
 denigratum, *Calicium*  
*denudatum*, *Stereocaulon* → *Stereocaulon*  
 vesuvianum  
*dstricta*, *Cladonia* → *Cladonia zopfii* (excl.)  
*detersa*, *Physcia* → *Physconia detersa*  
 detersa, *Physconia*  
*deusta*, *Lecidea* → *Miriquidica deusta*  
 deusta, *Miriquidica*  
 deusta, *Umbilicaria*  
*deustata*, *Lecidea* → *Miriquidica deusta*  
*diaphora*, *Opegrapha* → *Opegrapha varia*  
*dicksonii*, *Lecidea* → *Tremolecia atrata*  
 didactyla, *Peltigera*  
 didyma, *Arthonia*  
*difformis*, *Biatorrella* → *Sarea difformis*

difformis, *Sarea*  
*difformis*, *Tromera* → *Sarea difformis*  
 diffundens, *Psorotichia* (excl.)  
 digitata, *Cladonia*  
 dilacerata, *Ramalina*  
*diluta*, *Dimerella* → *Dimerella pineti*  
*diluta*, *Microphiale* → *Dimerella pineti*  
*dimera*, *Lecania* → *Lecania dubitans*  
 dimidiata, *Physcia*  
*diplotypus*, *Usnea* → *Usnea scabrata*  
 disciforme, *Lopadium*  
 disciformis, *Buellia*  
*discoidea*, *Pertusaria* → *Pertusaria albescens*  
 disjuncta, *Melanelia*  
*disjuncta*, *Parmelia* → *Melanelia disjuncta*  
 dispersa, *Arthonia*  
 dispersa, *Lecanora*  
 disporum, *Rhizocarpon*  
*disporum*, *Rhizocarpon* → *Rhizocarpon*  
     *geminatum*  
 disseminatum, *Microcalicium*  
*distans*, *Lecanora* → *Lecanora populicola*  
*distincta*, *Usnea* → *Usnea glabrescens*  
 distinctum, *Rhizocarpon*  
 distorta, *Physconia*  
 divaricata, *Evernia*  
*divaricata*, *Letharia* → *Evernia divaricata*  
 dolomiticola, *Caloplaca*  
*dolomiticum*, *Amphoridium* → *Verrucaria*  
     *foveolata*  
 dryina, *Bactrospora*  
*dubia*, *Parmelia* → *Punctelia subrudecta*  
 dubia, *Physcia*  
 dubitans, *Lecania*  
 dufourii, *Verrucaria*  
 duplicata, *Hypogymnia* (excl.)  
*duriaei*, *Ramalina* → *Ramalina lacera* (excl.)

**E**

ebeneus, *Cystocoleus*  
 eburnea, *Lepraria*  
 ecmocyna, *Cladonia* (excl.)  
 efflorescens, *Biatora*  
*efflorescens*, *Lecidea* → *Biatora efflorescens*  
*efflorescens*, *Pertusaria* → *Mycoblastus*  
     *alpinus*  
 efflorescens, *Rinodina*  
*egenula*, *Bacidia* → *Bacidina egenula*  
 egenula, *Bacidina*  
*elaeina*, *Physcia* → *Hyperphyscia adglutinata*  
*elaeochroma*, *Lecidea* → *Lecidella elaeochroma*  
 elaeochroma, *Lecidella*

elatina, *Loxospora*  
*elatinum*, *Haematomma* → *Loxospora elatina*  
*elegans*, *Caloplaca* → *Xanthoria elegans*  
*elegans*, *Ramalina*  
*elegans*, *Ramalina calicaris* var. → *Ramalina*  
     *elegans*  
*elegans*, *Staurothele* → *Staurothele frustulenta*  
*elegans*, *Xanthoria*  
*elegantula*, *Melanelia*  
*elegantula*, *Parmelia* → *Melanelia elegantula*  
*elisabethae*, *Peltigera*  
*elobata*, *Lepraria*  
 elongata, *Cladonia gracilis* ssp.  
*elongata*, *Cladonia* → *Cladonia gracilis* ssp.  
     *elongata*  
*elongata*, *Cladonia* → *Cladonia macroceras*  
*elveloides*, *Icmadophila* → *Icmadophila*  
     *ericetorum*  
*endiviifolia*, *Cladonia* → *Cladonia convoluta*  
 endococcina, *Phaeophyscia*  
*endococcina*, *Physcia* → *Phaeophyscia*  
     *endococcina*  
 endophoenicea, *Phaeophyscia*  
*endophoenicea*, *Physcia* → *Phaeophyscia*  
     *endophoenicea*  
*enteroxantha*, *Physcia* → *Physconia*  
     *enteroxantha*  
*enteroxantha*, *Physconia*  
 epibryon, *Lecanora*  
*epidermidis*, *Campylacia* → *Leptoraphis*  
     *epidermidis*  
*epidermidis*, *Leptoraphis*  
 epigaeum, *Thrombium*  
*epilithellum*, *Thelocarpon* → *Thelocarpon*  
     *laureri*  
*epipolia*, *Buellia* → *Diplotomma epipolium*  
 epipolium, *Diplotomma*  
*epipolium*, *Diplotomma alboatrum* var. →  
     *Diplotomma epipolium*  
 epipolytropa, *Cercidospora*  
*epipolytropa*, *Didymella* → *Cercidospora*  
     *epipolytropa*  
 epithallina, *Chaenothecopsis*  
*epixanthoidiza*, *Lecidea* → *Biatora chrysantha*  
*epixanthoidiza*, *Lecidea* → *Biatora efflorescens*  
*ericetorum*, *Cetraria*  
*ericetorum*, *Icmadophila*  
*ericetorum*, *Omphalina* → *Omphalina*  
     *umbellifera*  
 erodens, *Lichenocodium*  
*erosa*, *Umbilicaria* → *Umbilicaria torrefacta*  
*erratica*, *Lecidea* → *Micarea erratica* (excl.)



erratica, *Micarea* (excl.)  
 erubescens, *Buellia*  
*erumpens*, *Peltigera* → *Peltigera didactyla*  
 erysibe, *Lecania*  
*erythrinella*, *Nectriella* → *Pronectria*  
 erythrinella  
 erythrinella, *Pronectria*  
 erythrocarpa, *Caloplaca*  
*erythrophaea*, *Biatora* → *Lecidea*  
 ‘erythrophaea’  
 ‘erythrophaea’, *Lecidea*  
*erythrosora*, *Phlyctis* → *Phlyctis argena*  
*esthonica*, *Usnea* → *Usnea filipendula*  
 euganeus, *Diploschistes* (excl.)  
*euphorea*, *Lecidea* → *Lecidella euphorea*  
 euphorea, *Lecidella*  
 euploca, *Peltula*  
*evolutoides*, *Stereocaulon* → *Stereocaulon*  
 saxatile  
 evolutum, *Stereocaulon*  
 exasperata, *Melanelia*  
*exasperata*, *Parmelia* → *Melanelia exasperata*  
 exasperatula, *Melanelia*  
*exasperatula*, *Parmelia* → *Melanelia*  
 exasperatula  
*excavata*, *Aspicilia* → *Aspicilia moenium*  
*excilis*, *Allarthonia* → *Arthonia apatetica*  
*excilis*, *Arthonia* → *Arthonia apatetica*  
 exigua, *Rinodina*  
 expallens, *Lecanora*

**F**

fagicola, *Pachyphiale*  
 faginea, *Chaenothecopsis* (excl.)  
*fahlunensis*, *Cetraria* → *Melanelia commixta*  
*fallax*, *Arthopyrenia* → *Arthopyrenia lapponina*  
 fallax, *Xanthoria*  
*farinacea*, *Coniocybe* → *Sclerophora farinacea*  
 farinacea, *Hypogymnia*  
 farinacea, *Ramalina*  
 farinacea, *Sclerophora*  
 farinosa, *Aspicilia* (excl.)  
 farinosa, *Lepraria* (excl.)  
*farrea*, *Physcia* → *Physconia grisea*  
*farrea*, *Physcia* → *Physconia perisidiosa*  
*farrea*, *Physconia* → *Physconia perisidiosa*  
 fastigiata, *Ramalina*  
 ferruginea, *Caloplaca*  
 ferruginea, *Chaenotheca*  
 filipendula, *Usnea*  
 fimbriata, *Cladonia*  
 fissa, *Staurothele*

*flabelliformis*, *Cladonia* → *Cladonia*  
 polydactyla  
 flaccidum, *Collema*  
*flava*, *Lepraria* → *Chrysotrix candelaris*  
 flavida, *Pertusaria*  
 flavidulum, *Cliostomum*  
 flavorubescens, *Caloplaca*  
*flavovirescens*, *Bacidia* → *Arthrorhaphis*  
 citrinella  
*flexuosa*, *Lecidea* → *Trapeliopsis flexuosa*  
 flexuosa, *Trapeliopsis*  
 floerkeana, *Cladonia*  
 fluviatile, *Collema*  
*fluviatile*, *Dermatocarpon* → *Dermatocarpon*  
 luridum  
 foliacea, *Cladonia*  
*foveata*, *Usnea* → *Usnea hirta*  
 foveolata, *Verrucaria*  
 fraudans, *Parmelia*  
 fraxinea, *Bacidia*  
 fraxinea, *Ramalina*  
 friesii, *Hypocenomyce*  
*friesii*, *Lecidea* → *Hypocenomyce friesii*  
*friesii*, *Psora* → *Hypocenomyce friesii*  
 frigida, *Lepraria*  
 frigida, *Ochrolechia*  
 frustulenta, *Staurothele*  
*frustulosa*, *Lecanora* → *Lecanora argopholis*  
 fucatus, *Mycoblastus*  
 fulgens, *Fulgensia*  
*fuliginea*, *Lecidea* → *Placynthiella icmalea*  
 fuliginosa, *Melanelia*  
*fuliginosa*, *Parmelia* → *Melanelia fuliginosa*  
 fulva, *Xanthoria*  
 fulvoreagens, *Usnea*  
*fulvoreagens*, *Usnea* pro parte → *Usnea*  
 substerilis  
*fulvoreagens*, *Usnea* pro parte → *Usnea*  
 wasmuthii  
 furcata, *Cladonia*  
 furcellata, *Bryoria*  
 furfuracea, *Chaenotheca*  
*furfuracea*, *Coniocybe* → *Chaenotheca*  
 furfuracea  
*furfuracea*, *Evernia* → *Pseudevernia furfuracea*  
 furfuracea, *Pseudevernia*  
 furvella, *Rimularia*  
*furvum*, *Collema* → *Collema fuscovirens*  
*fusca*, *Anaptychia* → *Anaptychia runcinata*  
 fuscata, *Acarospora*  
*fuscata*, *Verrucaria* → *Verrucaria nigrescens*  
 fuscella, *Lecania*

fuscella, Verrucaria  
*fuscescens*, *Alectoria* → *Bryoria fuscescens*  
*fuscescens*, *Bryoria*  
*fuscescens*, *Lecanora* (excl.)  
*fuscescens*, *Lecidea* → *Lecanora fuscescens*  
 (excl.)  
*fuscoargillacea*, *Polyblastia*  
*fuscoatra*, *Lecidea*  
*fuscocinerea*, *Schaereria*  
*fuscocuprea*, *Staurothele* (excl.)  
*fuscorubella*, *Bacidia* → *Bacidia polychroa*  
*fuscovirens*, *Collema*  
*fuscoviridis*, *Bacidia*

**G**

*galactina*, *Lecanora* → *Lecanora albescens*  
*gelatinosa*, *Polyblastia*  
*gelatinosum*, *Leptogium*  
*geminatum*, *Rhizocarpon*  
*gemmata*, *Acrocordia*  
*gennarii*, *Rinodina*  
*geographicum*, *Rhizocarpon*  
*geoica*, *Gyalecta*  
*gibberulosa*, *Melaspilea*  
*gibbosa*, *Aspicilia*  
*gilva*, *Caloplaca* → *Caloplaca cerina*  
*glabra*, *Melanelia*  
*glabra*, *Parmelia* → *Melanelia glabra*  
*glabrata*, *Lecanora*  
*glabrata*, *Usnea*  
*glabratula*, *Parmelia* → *Melanelia fuliginosa*  
*glabrescens*, *Usnea*  
*glareosum*, *Stereocaulon*  
*glauca*, *Acrocordia* → *Acrocordia gemmata*  
*glauca*, *Cetraria* → *Platismatia glauca*  
*glauca*, *Cladonia*  
*glauca*, *Platismatia*  
*glauca*, *Usnea* (excl.)  
*glaucella*, *Lecanora* → *Lecanora piniperda*  
*glaucellum*, *Calicium*  
*glaucescens*, *Lecanora rupicola* var. →  
*Lecanora swartzii*  
*glaucina*, *Verrucaria*  
*glaucina*, *Verrucaria* → *Verrucaria caerulea*  
*glaucocarpa*, *Acarospora*  
*globosus*, *Sphaerophorus*  
*globulifera*, *Pertusaria* → *Pertusaria albescens*  
*globulosa*, *Catillaria* → *Bacidia 'globulosa'*  
*'globulosa'*, *Bacidia*  
*glomellifera*, *Parmelia* → *Neofuscelia*  
*verruculifera*  
*glomerulosa*, *Lecidea* → *Lecidella euphorea*  
*gomphillacea*, *Bacidia* → *Micarea lignaria*

*gonecha*, *Cladonia* → *Cladonia sulphurina*  
*goniophila*, *Lecidea* → *Lecidella anomaloides*  
 (excl.)  
*gracilentata*, *Coniocybe* → *Cybebe gracilentata*  
*gracilentata*, *Cybebe*  
*gracilis*, *Calicium* → *Chaenothecopsis*  
*rubescens*  
*gracilis*, *Cladonia*  
*gracilis*, *Cladonia gracilis* ssp.  
*gracillima*, *Chaenotheca*  
*gracillima*, *Coniocybe* → *Chaenotheca*  
*gracillima*  
*grande*, *Rhizocarpon*  
*graniforme*, *Cliostomum* → *Cliostomum*  
*corrugatum*  
*graniformis*, *Catillaria* → *Cliostomum*  
*corrugatum*  
*granulosa*, *Lecidea* → *Trapeliopsis granulosa*  
*granulosa*, *Trapeliopsis*  
*granulosum*, *Placodium* → *Xanthoria soorediata*  
*grayi*, *Cladonia*  
*griffithii*, *Catillaria* → *Cliostomum griffithii*  
*griffithii*, *Cliostomum*  
*grimmiae*, *Caloplaca*  
*grisea*, *Arthopyrenia*  
*grisea*, *Aspicilia*  
*grisea*, *Physcia* → *Physconia grisea*  
*grisea*, *Physconia*  
*grisea*, *Umbilicaria*  
*griseoatra*, *Lecidea* → *Schaereria fuscocinerea*  
*griseovirens*, *Buellia*  
*grossa*, *Catinaria* → *Megalaria grossa*  
*grossa*, *Megalaria*  
*guepinii*, *Peltula* → *Peltula euploca*

**H**

*haematopus*, *Chaenothecopsis*  
*hagenii*, *Lecanora*  
*hazslinszkyi*, *Peltigera* → *Peltigera didactyla*  
*hedlundii*, *Micarea*  
*helicopis*, *Lecanora*  
*helveticum*, *Nephroma*  
*helvola*, *Biatora*  
*helvola*, *Lecidea* → *Biatora helvola*  
*hemisphaerica*, *Pertusaria*  
*hepaticum*, *Endopyrenium* → *Catapyrenium*  
*squamulosum*  
*hepatizon*, *Cetraria* → *Melanelia hepatizon*  
*hepatizon*, *Melanelia*  
*hepatizon*, *Tuckermannopsis* → *Melanelia*  
*heppii*, *Acarospora*  
*herbarum*, *Bacidia*  
*herbarum*, *Opegrapha*

herbidella, Caloplaca  
*herpetica*, *Opegrapha* → *Opegrapha rufescens*  
heteromorpha, Ionaspis  
hirta, Usnea  
hispidula, Chaenotheca  
*hispidula*, *Chaenotheca chlorella* var. →  
Chaenotheca hispidula  
*hochstetteri*, *Catocarpon* → *Rhizocarpon*  
hochstetteri (excl.)  
hochstetteri, *Rhizocarpon* (excl.)  
hoffmanniana, *Aspicilia contorta* ssp.  
holocarpa, Caloplaca  
*homostegia*, *Sphaeria* → *Homostegia piggottii*  
horizontalis, *Peltigera*  
hospitans, *Muellerella*  
*humosa*, *Lecidea* → *Placynthiella uliginosa*  
*hungarica*, *Cladonia* → *Cladonia symphycarpia*  
*hyalinella*, *Coniocybe* → *Sclerophora peronella*  
hydreia, *Verrucaria*  
*hydrocharum*, *Collema* → *Leptogium plicatile*  
hymenina, *Peltigera*  
hyperborea, *Parmeliopsis* (excl.)  
hyperborea, *Polyblastia* (excl.)  
hyperborea, *Umbilicaria*  
*hyperopta*, *Foraminella* → *Parmeliopsis*  
hyperopta  
hyperopta, *Parmeliopsis*  
*hyphnophila*, *Bilimbia* → *Bacidia sabuletorum*  
*hypnorum*, *Lecidea* → *Mycobilimbia hypnorum*  
hypnorum, *Mycobilimbia*  
*hypopta*, *Biatora* → *Lecidea* ‘hypopta’  
*hypopta*, *Lecanora* → *Lecidea* ‘hypopta’  
‘hypopta’, *Lecidea*  
hypoptoides, *Lecanora*

**I**

*icmalea*, *Lecidea* → *Placynthiella icmalea*  
icmalea, *Placynthiella*  
*icmalea*, *Saccomorpha* → *Placynthiella icmalea*  
immersa, *Rinodina*  
*immersa*, *Rinodina bischoffii* var. → *Rinodina*  
immersa  
*impexa*, *Cladonia* → *Cladonia portentosa*  
*implexa*, *Alectoria* → *Bryoria capillaris*  
*implexa*, *Alectoria* → *vBryoria implexa*  
implexa, *Bryoria*  
impudens, *Lecanora*  
incana, *Lepraria*  
incarnata, *Arthonia*  
incavatum, *Thelidium*

incompta, *Bacidia*  
*incongrua*, *Lecidea* → *Lecidella stigmatea*  
incrassata, *Cladonia*  
*incrustans*, *Lecidea rupestris* var. →  
Protoblastenia incrustans  
incrustans, *Protoblastenia*  
incrustatum, *Stereocaulon*  
incurva, *Arctoparmelia*  
*incurva*, *Parmelia* → *Arctoparmelia incurva*  
inquinans, *Cyphelium*  
*insidiosa*, *Lecidea* → *Ramboldia insidiosa*  
insidiosa, *Ramboldia*  
insignis, *Buellia*  
insolata, *Acarospora*  
insolata, *Aspicilia*  
*insularis*, *Lecidea* → *Rimularia insularis*  
insularis, *Rimularia*  
*intermedia*, *Physcia* → *Physcia dubia*  
*intermedia*, *Ramalina* → *Ramalina pollinaria*  
interpolata, *Rinodina*  
*intricans*, *Alectoria chalybeiformis* f. → *Bryoria*  
intricans  
*intricans*, *Alectoria* → *Bryoria intricans*  
intricans, *Bryoria*  
intricata, *Lecanora*  
intumescens, *Lecanora*  
*isidiifera*, *Pertusaria* → *Pertusaria coronata*  
*isidiodes*, *Collema* → *Lempholemma isidiodes*  
isidiodes, *Lempholemma*  
*isidioidea*, *Xanthoria* → *Xanthoria calcicola*  
isidiosum, *Nephroma*  
*isidiotyla*, *Parmelia* → *Neofuscelia loxodes*  
islandica, *Cetraria*

**J**

jackii, *Lepraria*  
jenensis, *Gyalecta*  
*jubata*, *Alectoria* → *Bryoria fuscescens*  
jungermanniae, *Caloplaca*  
*juniperina*, *Cetraria* → *Vulpicida juniperina*  
*juniperina*, *Tuckermannopsis* → *Vulpicida*  
juniperina  
juniperina, *Vulpicida*  
jurana, *Farnoldia*  
*jurana*, *Lecidea* → *Farnoldia jurana*

**K**

*kemensis*, *Varicellaria* → *Varicellaria*  
rhodocarpa  
kochiana, *Fuscidea* (excl.)  
*kochiana*, *Lecidea* → *Fuscidea kochiana* (excl.)  
koerberiana, *Lecania*

kolaënsis, *Adelolecia*  
*kolaënsis*, *Lecidea* → *Adelolecia kolaënsis*  
 kuusamoënsis, *Candelariella*

**L**

*lacera*, *Ramalina* (excl.)  
*lacerum*, *Leptogium* → *Leptogium lichenoides*  
*lachneum*, *Catapyrenium* (excl.)  
*laciniatula*, *Melanelia* (excl.)  
*laciniatula*, *Parmelia* → *Melanelia laciniatula*  
 (excl.)  
*lactea*, *Caloplaca*  
*lactea*, *Lecidea* → *Lecidea pantherina*  
*laenata*, *Aspicilia* (excl.)  
*laetevirens*, *Parmelia* → *Melanelia fuliginosa*  
*laevigata*, *Chaenotheca*  
*laevigatum*, *Nephroma*  
*lallavei*, *Caloplaca* → *Caloplaca erythrocarpa*  
*lapicida*, *Lecidea*  
*lapicida*, *Lecidea lapicida* var.  
*lapidicola*, *Arthonia*  
*lapponica*, *Usnea*  
*lapponina*, *Arthopyrenia*  
*laricina*, *Usnea* (excl.)  
*latypiza*, *Lecidea* → *Lecidella carpathica*  
*laureri*, *Thelocarpon*  
*lauricassiae*, *Buellia* → *Buellia disciformis*  
*laurocerasi*, *Bacidia*  
*lavatum*, *Rhizocarpon*  
*lecanorina*, *Rinodina* (excl.)  
*lecanorinum*, *Rhizocarpon*  
*leioplaca*, *Pertusaria*  
*leiphaemum*, *Haematomma* → *Haematomma*  
*ochroleucum* var. *ochroleucum*  
*lenticulare*, *Calicium* (excl.)  
*lenticularis*, *Catillaria* (excl.)  
*lentigera*, *Lecanora* → *Squamarina lentigera*  
*lentigera*, *Squamarina*  
*lepadinum*, *Thelotrema*  
*lepidophora*, *Peltigera*  
*leprosa*, *Catillaria* → *Cliostomum leprosum*  
*leproscens*, *Aspicilia*  
*leprosum*, *Cliostomum*  
*leptalea*, *Physcia* → *Physcia semipinnata*  
*leptophyllum*, *Dermatocarpon*  
*leptospora*, *Pertusaria* → *Pertusaria*  
*multipuncta*  
*leptyrodes*, *Lecanora*  
*leucodontis*, *Arthonia* → *Arthonia muscigena*  
*leucopellaea*, *Arthonia*  
*leucophaea*, *Pannaria*  
*leucophlebia*, *Peltigera*  
*leucoplaca*, *Catillaria* → *Megalaria grossa*

*leucoraea*, *Blastenia* → *Caloplaca*  
*sinapisperma*  
*leucoraea*, *Caloplaca* → *Caloplaca*  
*sinapisperma*  
*leucoselis*, *Buellia alboatra* var. → *Buellia*  
*pharcidia*  
*leucostoma*, *Pertusaria* → *Pertusaria leioplaca*  
*lichenicola*, *Vouauxiella*  
*lichenoides*, *Leptogium*  
*lichenoides*, *Opegrapha* → *Opegrapha varia*  
*lichenum*, *Dothidea* → *Plectocarpon lichenum*  
*lichenum*, *Plectocarpon*  
*lignaria*, *Micarea*  
*lignicola*, *Chaenothecopsis* → *Chaenothecopsis*  
*pusiola*  
*limitata*, *Lecidea* → *Lecidella elaeochroma*  
*limosum*, *Collema*  
*linearis*, *Porina*  
*linita*, *Lobaria* (excl.)  
*lithina*, *Staurothele* → *Staurothele fissa*  
*lithodes*, *Physcia* → *Phaeophyscia endococcina*  
*lithophila*, *Lecanora* → *Lecanora dispersa*  
*lobificans*, *Lepraria*  
*lobulata*, *Mycobilimbia*  
*lobulata*, *Toninia* → *Mycobilimbia lobulata*  
*longissima*, *Usnea*  
*loxodes*, *Neofuscelia*  
*loxodes*, *Parmelia* → *Neofuscelia loxodes*  
*lucida*, *Lecidea* → *Psilolechia lucida*  
*lucida*, *Psilolechia*  
*lucidum*, *Cyphelium*  
*lucifuga*, *Caloplaca*  
*luganensis*, *Physcia* → *Phaeophyscia*  
*chloantha*  
*lurida*, *Arthonia* → *Arthonia spadicea*  
*lurida*, *Arthonia* → *Arthonia vinosa*  
*luridum*, *Dermatocarpon*  
*lusitanicum*, *Nephroma* → *Nephroma*  
*laevigatum*  
*luteola*, *Bacidia* → *Bacidia rubella*  
*lutescens*, *Pertusaria wulfenii* var. →  
*Pertusaria flavida*  
*lutescens*, *Pertusaria* → *Pertusaria flavida*  
*lychnea*, *Xanthoria* → *Xanthoria candelaria*  
*lygaea*, *Fuscidea*  
*lygea*, *Lecidea* → *Fuscidea lygaea*

**M**

*macilentata*, *Cladonia*  
*macrocarpa*, *Huilia* → *Porpidia macrocarpa*  
*macrocarpa*, *Lecidea* → *Porpidia macrocarpa*  
*macrocarpa*, *Porpidia*

- macroceras, *Cladonia*  
 macrocyclos, *Lecanora*  
*macrocyclos*, *Lecanora muralis* ssp. →  
     *Lecanora macrocyclos*  
 macrophylla, *Cladonia*  
 macrospora, *Acarospora*  
 macrosporum, *Rhizocarpon*  
*maculiformis*, *Involucrothele* → *Verrucaria*  
     *maculiformis*  
*maculiformis*, *Rinodina* → *Rinodina archaea*  
*maculiformis*, *Verrucaria*  
*magnussonii*, *Physcia*  
*magyarica*, *Cladonia* (excl.)  
 malacea, *Peltigera*  
*mamillata*, *Anaptychia* → *Anaptychia ciliaris*  
     var. *melanosticta*  
*margaritacea*, *Buellia* → *Buellia nivalis* (excl.)  
 marina, *Caloplaca*  
 marina, *Physcia tenella* var.  
*marina*, *Physcia* → *Physcia tenella* var. *marina*  
 maura, *Verrucaria*  
 mauroides, *Verrucaria* (excl.)  
 mediella, *Arthonia*  
 meiophyllizum, *Dermatocarpon*  
*meiophyllum*, *Dermatocarpon* →  
     *Dermatocarpon meiophyllizum*  
*melaena*, *Bacidia* → *Micarea melaena*  
*melaena*, *Micarea*  
*melanobola*, *Catillaria* → *Micarea melanobola*  
*melanobola*, *Lecidea* → *Micarea melanobola*  
*melanobola*, *Micarea*  
*melanophaea*, *Chaenotheca* → *Chaenotheca*  
     *ferruginea*  
*melanosticta*, *Anaptychia ciliaris* var.  
*melanosticta*, *Anaptychia* → *Anaptychia ciliaris*  
     var. *melanosticta*  
*membranacea*, *Crocynia* → *Leproloma*  
     *membranaceum* (excl.)  
*membranacea*, *Lepraria* → *Leproloma*  
     *membranaceum* (excl.)  
*membranacea*, *Peltigera*  
*membranaceum*, *Leproloma* (excl.)  
 memnonia, *Verrucaria*  
 merochlorophaea, *Cladonia*  
 mesomorpha, *Evernia*  
*mesomorpha*, *Letharia* → *Evernia mesomorpha*  
*metaboliza*, *Lecanora* → *Lecanora*  
     *sarcopidoides*  
*metacorallifera*, *Cladonia*  
*metzleri*, *Clauzadea*  
*metzleri*, *Protoblastenia* → *Clauzadea metzleri*  
*microcarpa*, *Bacidia* → *Mycobilimbia*  
     *microcarpa*  
*microcarpa*, *Mycobilimbia*  
*microphylla*, *Pannaria* → *Pannaria leucophaea*  
*microspila*, *Arthopyrenia* → *Stigidium*  
     *microspilum*  
*microspilum*, *Stigidium*  
*microstictoides*, *Ochrolechia*  
*microthallina*, *Caloplaca*  
*micula*, *Microthelia* → *Anisomeridium biforme*  
*milvina*, *Rinodina*  
*miniatum*, *Dermatocarpon*  
*minuscula*, *Ramalina* → *Ramalina dilacerata*  
*minuta*, *Catillaria*  
*minutissimum*, *Leptogium* → *Leptogium subtile*  
*misella*, *Micarea*  
*mitis*, *Cladina*  
*mitis*, *Cladonia arbuscula* ssp. → *Cladina mitis*  
*mitis*, *Cladonia* → *Cladina mitis*  
*moenium*, *Aspicilia*  
*molliuscula*, *Parmelia* → *Xanthoparmelia*  
     *somloënsis*  
*monasteriense*, *Biatoridium*  
*monasteriense*, *Biatorella* → *Biatoridium*  
     *monasteriense*  
*montagnei*, *Rhizocarpon* → *Rhizocarpon*  
     *disporum*  
*monticola*, *Clauzadea*  
*monticola*, *Lecidea* → *Clauzadea monticola*  
*moriformis*, *Biatorella* → *Strangospora*  
     *moriformis*  
*moriformis*, *Strangospora*  
*mougeotii*, *Parmelia* → *Xanthoparmelia*  
     *mougeotii*  
*mougeotii*, *Xanthoparmelia*  
*mucida*, *Lentaria* → *Multiclavula mucida*  
*mucida*, *Multiclavula*  
*multipuncta*, *Pertusaria*  
*murale*, *Placodium* → *Lecanora muralis*  
*muralis*, *Lecanora*  
*muralis*, *Placolecanora* → *Lecanora muralis*  
*muralis*, *Verrucaria*  
*muricata*, *Cetraria*  
*muricata*, *Cornicularia* → *Cetraria muricata*  
*muricatum*, *Coelocaulon* → *Cetraria muricata*  
*murina*, *Umbilicaria* → *Umbilicaria grisea*  
*murorum*, *Caloplaca* → *Caloplaca saxicola*  
*muscolica*, *Polychidium*  
*muscigena*, *Arthonia*  
*muscigena*, *Physcia* → *Physconia muscigena*  
*muscigena*, *Physconia*

*muscorum*, *Bacidia* → *Bacidia bagliettoana*  
*muscorum*, *Diploschistes*  
*mutabilis*, *Aspicilia* → *Megaspora verrucosa*  
*mutabilis*, *Lecanora* → *Lecanora intricata*  
*myriococcum*, *Lempholemma* → *Lempholemma*  
 polyanthes  
*nadvornikiana*, *Alectoria* → *Bryoria*  
*nadvornikiana*

**N**

*nadvornikiana*, *Bryoria*  
*naegelii*, *Bacidia* → *Lecania naegelii*  
*naegelii*, *Lecania*  
*nana*, *Chaenothecopsis*  
*navarrensis*, *Lecanora* → *Cliostomum*  
*flavidulum*  
*neckeri*, *Peltigera*  
*neglecta*, *Crocynia* → *Lepraria neglecta*  
*neglecta*, *Lepraria*  
*nemoxyna*, *Cladonia* → *Cladonia rei*  
*neopolydactyla*, *Peltigera*  
*nephaea*, *Lecanora* → *Protoparmelia nephaea*  
 (excl.)  
*nephaea*, *Protoparmelia* (excl.)  
*nervosa*, *Ramalina calicaris* var. → *Ramalina*  
*sinensis*  
*nervosa*, *Ramalina* → *Ramalina sinensis*  
*nidulans*, *Polyblastia*  
*nigrescens*, *Collema*  
*nigrescens*, *Verrucaria*  
*nigricans*, *Phaeophyscia*  
*nigricans*, *Physcia* → *Phaeophyscia nigricans*  
*nigripes*, *Cladonia gracilis* ssp. → *Cladonia*  
*gracilis* ssp. *elongata*  
*nigripes*, *Cladonia* → *Cladonia gracilis* ssp.  
*elongata*  
*nigroclavata*, *Catillaria*  
*nigrocruenta*, *Lecidea* → *Porpidia macrocarpa*  
*nigrum*, *Coenogonium* → *Cystocoleus ebeneus*  
*nigrum*, *Placynthium*  
*nitida*, *Pyrenula*  
*nitschkeana*, *Bacidia* → *Micarea nitschkeana*  
*nitschkeana*, *Micarea*  
*nivalis*, *Allocetraria* → *Flavocetraria nivalis*  
*nivalis*, *Buellia* (excl.)  
*nivalis*, *Cetraria* → *Flavocetraria nivalis*  
*nivalis*, *Flavocetraria*  
*nivea*, *Sclerophora*  
*niveoatra*, *Opegrapha* → *Opegrapha*  
*subsiderella*  
*norvegica*, *Cladonia*  
*novochlorophaea*, *Cladonia*

*novochlorophaea*, *Cladonia merochlorophaea*  
 var. → *Cladonia novochlorophaea*  
 'nylanderii', *Lecidea*  
*nylanderiana*, *Lecania*  
*nylanderiana*, *Umbilicaria*  
*nyssigenum*, *Anisomeridium*

**O**

*obliterans*, *Caloplaca* (excl.)  
*obscura*, *Verrucaria*  
*obscurata*, *Aspicilia*  
*obscurata*, *Bacidia* → *Mycobilimbia tetramera*  
*obscuratum*, *Rhizocarpon*  
*obscuraella*, *Caloplaca*  
*obscuraella*, *Lecanora* → *Lecanora phaeostigma*  
*obscuraella*, *Lecidea* → *Lecanora phaeostigma*  
*obtusata*, *Ramalina*  
*occulta*, *Buellia* → *Rinodina occulta*  
*occulta*, *Rinodina*  
*occultatum*, *Collema*  
*ocellata*, *Physcia* → *Phaeophyscia*  
*endophoenicea*  
*ocellata*, *Rinodina* → *Rinodina lecanorina*  
 (excl.)  
*ocellatum*, *Thelomma*  
*ocelliformis*, *Biatora*  
*ochrocheila*, *Opegrapha*  
*ochrochlora*, *Cladonia*  
*ochroleucum*, *Haematomma*  
*ochroleucum*, *Haematomma ochroleucum* var.  
*octospora*, *Solorina* (excl.)  
*oederi*, *Rhizocarpon*  
*oligospora*, *Acarospora*  
*oligotropha*, *Lecidea* → *Placynthiella*  
*oligotropha*  
*oligotropha*, *Placynthiella*  
*oligotropha*, *Sacomorpha* → *Placynthiella*  
*oligotropha*  
*olivacea*, *Lecidea* → *Lecidella elaeochroma*  
*olivacea*, *Melanelia*  
*olivacea*, *Parmelia* → *Melanelia olivacea*  
*olivascens*, *Lecidea* (excl.)  
*olivetorum*, *Cetrelia*  
*omphalodes*, *Parmelia*  
*orbicularis*, *Phaeophyscia*  
*orbicularis*, *Physcia* → *Phaeophyscia*  
*orbicularis*  
*osteola*, *Bryoria* → *Bryoria implexa*  
*ostreata*, *Lecidea* → *Hypocenomyce scalaris*  
*oxyspora*, *Lecidea* → *Phacopsis oxyspora*  
*oxyspora*, *Leptorhaphis* → *Leptorhaphis*  
*epidermidis*

*oxyspora*, *Nesolechia* → *Phacopsis oxyspora*  
*oxyspora*, *Phacopsis*

## P

*pallescens*, *Ochrolechia*  
*pallida*, *Coniocybe* → *Sclerophora nivea*  
*pallida*, *Lecanora* → *Lecanora albella*  
*panaeola*, *Amygdalaria*  
*panaeola*, *Huilia* → *Amygdalaria panaeola*  
*panaeola*, *Lecidea* → *Amygdalaria panaeola*  
*pantherina*, *Lecidea lapicida* var.  
*pantherina*, *Lecidea* → *Lecidea pantherina*  
*papillaria*, *Pycnothelia*  
*papulosa*, *Parmelia* → *Melanelia exasperatula*  
*parallela*, *Xylographa*  
*parasema*, *Lecidea* → *Lecidella elaeochroma*  
*parasitica*, *Cladonia*  
*parasitica*, *Rinodina*  
*parietina*, *Xanthoria*  
*parietinum*, *Mycocalicium* → *Mycocalicium*  
 subtile  
*parile*, *Nephroma*  
*parmeliarum*, *Abrothallus*  
*parvula*, *Physcia* → *Phaeophyscia nigricans*  
*parvum*, *Calicium*  
*parvum*, *Collema*  
*paschale*, *Stereocaulon*  
*patellulata*, *Arthonia*  
*peliocarpa*, *Micarea*  
*peltideae*, *Stigmidium*  
*peltigerae*, *Karsteniomyces*  
*pericleum*, *Schismatomma*  
*perisidiosa*, *Physcia* → *Physconia perisidiosa*  
*perisidiosa*, *Physconia*  
*perlata*, *Parmelia* → *Parmotrema chinense*  
 (excl.)  
*peronella*, *Sclerophora*  
*perpruinosa*, *Lecanora*  
*pertusa*, *Menegazzia* → *Menegazzia terebrata*  
*pertusa*, *Pertusaria*  
*petraeum*, *Rhizocarpon*  
*pezizooides*, *Pannaria*  
*pezizoideum*, *Lopadium* → *Lopadium*  
 disciforme  
*phacodes*, *Bacidia* → *Bacidina phacodes*  
*phacodes*, *Bacidina*  
*phaeocephala*, *Chaenotheca*  
*phaeostigma*, *Biatora* → *Lecanora phaeostigma*  
*phaeostigma*, *Lecanora*  
*pharcidia*, *Buellia*  
*phyllophora*, *Cladonia*

*physciae*, *Xanthoriicola*  
*physodes*, *Hypogymnia*  
*physodes*, *Parmelia* → *Hypogymnia physodes*  
*picea*, *Lecanora* → *Protoparmelia badia*  
*picea*, *Lecanora* → *Protoparmelia picea*  
*picea*, *Protoparmelia*  
*piggotii*, *Homostegia*  
*pilosellum*, *Catapyrenium*  
*pinastri*, *Cetraria* → *Vulpicida pinastri*  
*pinastri*, *Lecanora* → *Lecanora pulicaris*  
*pinastri*, *Tuckermannopsis* → *Vulpicida*  
*pinastri*  
*pinastri*, *Vulpicida*  
*pineti*, *Dimerella*  
*pinicola*, *Biatorella* → *Strangospora pinicola*  
*pinicola*, *Strangospora*  
*piniperda*, *Lecanora*  
*pityrea*, *Cladonia* → *Cladonia ramulosa* (excl.)  
*placodioides*, *Trapelia*  
*plana*, *Lecidea*  
*planorbis*, *Lecidea* (excl.)  
*pleurota*, *Cladonia*  
*plicata*, *Usnea* (excl.)  
*plicatile*, *Leptogium*  
*plumbea*, *Involutrothele* → *Verrucaria caerulea*  
*pocillum*, *Cladonia*  
*pocillum*, *Cladonia pyxidata* var. → *Cladonia*  
*pocillum*  
*pollinaria*, *Ramalina*  
*polyanthes*, *Lempholemma*  
*polycarpa*, *Xanthoria*  
*polycarpon*, *Collema*  
*polycarpum*, *Catocarpon* → *Rhizocarpon*  
*polycarpum*  
*polycarpum*, *Rhizocarpon*  
*polychroa*, *Bacidia*  
*polydactyla*, *Cladonia*  
*polydactyla*, *Peltigera*  
*polydactyloides*, *Peltigera* → *Peltigera neckeri*  
*polymorpha*, *Ramalina*  
*polyphylla*, *Umbilicaria*  
*polyrrhiza*, *Umbilicaria*  
*polytropa*, *Lecanora*  
*ponojensis*, *Peltigera*  
*populicola*, *Lecanora*  
*populina*, *Ramalina* → *Ramalina fastigiata*  
*populneum*, *Calicium* → *Phaeocalicium*  
*populneum*  
*populneum*, *Phaeocalicium*  
*populorum*, *Arthrosporium*  
*populorum*, *Bacidia* → *Arthrosporium*  
*populorum*

porphyrium, *Haematomma ochroleucum* var. *porphyrium*, *Haematomma* → *Haematomma ochroleucum* var. *porphyrium*  
 portentosa, *Cladina*  
*portentosa*, *Cladonia* → *Cladina portentosa*  
*positiva*, *Alectoria* → *Bryoria fuscescens*  
 praecedens, *Phaeocalicium*  
 praetextata, *Peltigera*  
*prasina*, *Catillaria* → *Micarea prasina*  
 prasina, *Micarea*  
 prasinoides, *Lecania* (excl.)  
*prevostii*, *Aspicilia* → *Hymenelia prevostii*  
 prevostii, *Hymenelia*  
*privigna*, *Biatorrella* → *Sarcogyne privigna*  
 privigna, *Sarcogyne*  
 proboscidea, *Umbilicaria*  
*prolixa*, *Parmelia* → *Neofuscelia pulla* var. *pulla*  
*prosechoidiza*, *Lecanora* → *Lecanora helicopis*  
*prostrata*, *Usnea* → *Usnea scabrata*  
*protuberans*, *Pertusaria* → *Pertusaria carneopallida*  
 protuberans, *Sagiolechia*  
*pruinosa*, *Sarcogyne* → *Sarcogyne regularis*  
 prunastri, *Evernia*  
*pseudofuscescens*, *Bryoria* → *Bryoria implexa*  
 pseudogranulosa, *Trapeliopsis*  
 psorodeum, *Endocarpon*  
 pulcaris, *Lecanora*  
*pulcaris*, *Opegrapha* → *Opegrapha varia*  
 pulla, *Neofuscelia*  
 pulla, *Neofuscelia pulla* var.  
*pulla*, *Parmelia* → *Neofuscelia pulla* var. *pulla*  
 pullatula, *Stenocybe*  
 pulmonaria, *Lobaria*  
*pulverulacea*, *Physconia* → *Physconia distorta*  
*pulverulenta*, *Physcia* → *Physconia distorta*  
 pulvinata, *Usnea* (excl.)  
 pulvinatum, *Polycoccum*  
 pumilum, *Stigmatidium*  
 punctata, *Amandinea*  
*punctata*, *Buellia* → *Amandinea punctata*  
 punctiformis, *Arthonia*  
 punctiformis, *Arthopyrenia*  
 pupillaris, *Pertusaria*  
*pusilla*, *Caloplaca* → *Caloplaca saxicola*  
 pusilla, *Chaenothecopsis*  
 pusilla, *Fuscidea*  
 pusillum, *Endocarpon*  
 pusiola, *Chaenothecopsis*  
 pustulata, *Lasallia*  
*pustulata*, *Umbilicaria* → *Lasallia pustulata*  
*pyracea*, *Caloplaca* → *Caloplaca holocarpa*

pyrenophorum, *Thelidium*  
 pyrina, *Rinodina*  
 pyxidata, *Cladonia*

## Q

quercinum, *Calicium*  
*quernea*, *Lecidea* *Pyrrhospora quernea*  
 quernea, *Pyrrhospora*

## R

rabenhorstii, *Lecania*  
 radiata, *Arthonia*  
*radiosa*, *Aspicilia* → *Lobothallia radiosa*  
*radiosa*, *Lecanora* → *Lobothallia radiosa*  
 radiosa, *Lobothallia*  
*raesaenenii*, *Lecanora* → *Lecanora sorediata*  
 raesaenenii, *Pertusaria*  
 ramalinae, *Vouauxiomycetes*  
 ramulosa, *Cladonia* (excl.)  
 rangiferina, *Cladina*  
*rangiferina*, *Cladonia* → *Cladina rangiferina*  
 rangiformis, *Cladonia*  
*reductum*, *Rhizocarpon* → *Rhizocarpon obscuratum*  
 reflexa, *Candelariella*  
 regularis, *Sarcogyne*  
 rei, *Cladonia*  
*resinae*, *Biatorrella* → *Sarea resinae*  
 resinae, *Sarea*  
*resinae*, *Tromera* → *Sarea resinae*  
 resupinatum, *Nephroma*  
 rhodocarpa, *Varicellaria*  
 rhodopis, *Ionaspis*  
 rhypona, *Arthopyrenia*  
 richardii, *Rhizocarpon*  
 rivulare, *Leptogium*  
*roseus*, *Baeomyces* → *Dibaeis baeomyces*  
 ruanum, *Arthothelium*  
 rubella, *Bacidia*  
 rubelliana, *Caloplaca*  
 rubescens, *Chaenothecopsis*  
*rubescens*, *Opegrapha* → *Opegrapha ochrocheila*  
 rufescens, *Catapyrenium*  
*rufescens*, *Endopyrenium* → *Catapyrenium rufescens*  
 rufescens, *Opegrapha*  
 rufescens, *Peltigera*  
*rufescens*, *Placidium* → *Catapyrenium rufescens*  
 rufus, *Baeomyces*  
*rugosa*, *Lecanora* → *Lecanora rugosella*  
 rugosella, *Lecanora*  
*rugulosa*, *Usnea* → *Usnea scabrata*



runcinata, Anaptychia  
*rupestre*, *Collema* → *Collema flaccidum*  
*rupestris*, *Lecidea* → *Protoblastenia rupestris*  
*rupestris*, *Opegrapha*  
*rupestris*, *Pertusaria* → *Pertusaria pertusa*  
*rupestris*, *Protoblastenia*  
*rupestris*, *Verrucaria* → *Verrucaria muralis*  
*rupicola*, *Lecanora*

**S**

sabuletorum, *Bacidia*  
*sabuletorum*, *Mycobilimbia* → *Bacidia*  
 sabuletorum  
 saccata, *Solorina*  
 salicinum, *Calicium*  
 saligna, *Lecanora*  
 sambuci, *Lecanora*  
*sambucina*, *Lecania* → *Lecania cyrtella*  
 sanguinariis, *Mycoblastus*  
*sanguineoatra*, *Lecidea* → *Mycobilimbia*  
 hypnorum  
 santessonii, *Vouauxiomyces*  
 sarcogynoides, *Lecidea*  
*sarcopidioides*, *Caloplaca* → *Caloplaca*  
 obscurella  
 sarcopidioides, *Lecanora*  
*sarcopsis*, *Lecanora* → *Lecanora saligna*  
 sarmentosa, *Alectoria*  
*sarothamni*, *Bacidia* → *Scoliciosporum*  
 sarothamni  
 sarothamni, *Scoliciosporum*  
 saturninum, *Leptogium*  
 savonica, *Chaenothecopsis*  
*savonica*, *Mycocalicium* → *Chaenothecopsis*  
 savonica  
 saxatile, *Stereocaulon*  
*saxatilis*, *Opegrapha* → *Opegrapha rupestris*  
 saxatilis, *Parmelia*  
 saxicola, *Caloplaca*  
*saxicola*, *Opegrapha* → *Opegrapha rupestris*  
*scabra*, *Lecidea* → *Lecidella scabra*  
 scabra, *Lecidella*  
 scabrata, *Usnea*  
 scabriuscula, *Cladonia*  
 scabrosa, *Peltigera*  
 scalaris, *Hypocenomyce*  
*scalaris*, *Psora* → *Hypocenomyce scalaris*  
 scandinavicum, *Arthothelium*  
 schaeereri, *Buellia*  
*schaeereri*, *Calicium* → *Chaenotheca cinerea*  
*schaeereri*, *Chaenotheca* → *Chaenotheca*  
 cinerea  
 schaeereri, *Psorotichia*

*schraederi*, *Leptogium*  
 sciastra, *Phaeophyscia*  
*sciastra*, *Physcia* → *Phaeophyscia sciastra*  
 scopularis, *Caloplaca*  
*scopulorum*, *Ramalina* → *Ramalina siliquosa*  
*scortea*, *Parmelia* → *Parmelina tiliacea*  
*scotinum*, *Leptogium* → *Leptogium gelatinosum*  
 scripta, *Graphis*  
 scrobiculata, *Lobaria*  
 scruposus, *Diploschistes*  
 scrupulosa, *Lecanora* (excl.)  
*scutata*, *Cetraria* → *Cetraria* ‘sepincola’  
*scutata*, *Cetraria* → *Tuckermannopsis*  
 chlorophylla  
*scutata*, *Peltigera* → *Peltigera collina*  
 sedifolia, *Toninia*  
 semipinnata, *Physcia*  
*sepincola*, *Tuckermannopsis* → *Cetraria*  
 ‘sepincola’  
 ‘sepincola’, *Cetraria*  
 septentrionalis, *Melanelia*  
*septentrionalis*, *Parmelia* → *Melanelia*  
 septentrionalis  
 septentrionalis, *Rinodina*  
 sessile, *Cyphelium*  
*setacea*, *Alectoria* → *Bryoria capillaris*  
*setacea*, *Bryoria* → *Bryoria capillaris*  
 siliquosa, *Ramalina*  
 simoënsis, *Aspicilia*  
*simplex*, *Biatorella* → *Polysporina simplex*  
 simplex, *Polysporina*  
*simplex*, *Sarcogyne* → *Polysporina simplex*  
*simplicior*, *Alectoria nidulifera* f. → *Bryoria*  
 simplicior  
*simplicior*, *Alectoria* → *Bryoria simplicior*  
 simplicior, *Bryoria*  
 sinapisperma, *Caloplaca*  
 sinensis, *Ramalina*  
 sinopica, *Acarospora*  
*sinuatum*, *Leptogium* → *Leptogium*  
 gelatinosum  
 smaragdula, *Acarospora*  
 somloënsis, *Xanthoparmelia*  
 sophodes, *Rinodina*  
*soralifera*, *Lecanora* → *Lecanora caesiosora*  
*sordida*, *Lecanora* → *Lecanora rupicola*  
*sordidescens*, *Catillaria* → *Micarea prasina*  
*sorediata*, *Caloplaca* → *Xanthoria sorediata*  
 sorediata, *Lecanora*  
*sorediata*, *Lecanora coilocarpa* var. → *Lecanora*  
 sorediata  
 sorediata, *Melanelia*

- sorediata*, *Parmelia* → *Melanelia sorediata*  
*sorediata*, *Xanthoria*  
*sorediifera*, *Opegrapha*  
*sorediifera*, *Usnea* → *Usnea glabrata*  
*sorediifera*, *Usnea* → *Usnea lapponica*  
*sorediosa*, *Parmelia* → *Melanelia sorediata*  
*sorediza*, *Lecidea* → *Porpidia tuberculosa*  
*sorophora*, *Hypocenomyce*  
*spadicea*, *Arthonia*  
*speciosa*, *Anaptychia* → *Heterodermia speciosa*  
*speciosa*, *Heterodermia*  
*spectabile*, *Arthothelium*  
‘*sphaerella*’, *Lecidea* (excl.)  
*sphaeroides*, *Acrocordia* → *Acrocordia gemmata*  
*sphaeroides*, *Bacidia* → *Mycobilimbia carnealbida*  
*sphaeroides*, *Biatora* → *Mycobilimbia carnealbida*  
*sphinctrinoides*, *Didymella* → *Zwackhiomyces sphinctrinoides*  
*sphinctrinoides*, *Microglæna* → *Protothelenella sphinctrinoides*  
*sphinctrinoides*, *Protothelenella*  
*sphinctrinoides*, *Zwackhiomyces*  
*spongiosa*, *Solorina*  
*spuria*, *Peltigera* → *Peltigera didactyla*  
*squamosa*, *Cladonia*  
*squamulosum*, *Catapyrenium*  
*squamulosum*, *Placidium* → *Catapyrenium squamulosum*  
*steineri*, *Bagliettoa*  
*steineri*, *Verrucaria* → *Bagliettoa steineri*  
*stellaris*, *Cladonia*  
*stellaris*, *Cladonia* → *Cladonia stellaris*  
*stellaris*, *Physcia*  
*stemonea*, *Chaenotheca*  
*stemonea*, *Chaenotheca trichialis* ssp. → *vChaenotheca stemonea*  
*stenophylla*, *Parmelia* → *Xanthoparmelia somloënsis*  
*sterilis*, *Mycoblastus* → *Mycoblastus fucatus*  
*steriza*, *Lecidea* → *vPorpidia macrocarpa*  
*stigmatea*, *Lecidea* → *Lecidella stigmatea*  
*stigmatea*, *Lecidella*  
*stillicidiorum*, *Caloplaca* → *Caloplaca cerina*  
*strepilis*, *Ramalina* → *Ramalina capitata*  
*stricta*, *Cladonia* (excl.)  
*strobilina*, *Lecanora*  
*stygia*, *Cladonia*  
*stygia*, *Cladonia rangiferina* f. → *Cladonia stygia*  
*stygia*, *Cladonia* → *Cladonia stygia*  
*stygia*, *Melanelia*  
*stygia*, *Parmelia* → *Melanelia stygia*  
*subargentifera*, *Melanelia*  
*subargentifera*, *Parmelia* → *Melanelia subargentifera*  
*subbathallina*, *Caloplaca*  
*subaurifera*, *Melanelia*  
*subaurifera*, *Parmelia* → *vMelanelia subaurifera*  
*subcana*, *Alectoria prolixa* var. → *Bryoria subcana*  
*subcana*, *Alectoria* → *Bryoria subcana*  
*subcana*, *Bryoria*  
*subcervicornis*, *Cladonia* (excl.)  
*subcomosa*, *Usnea* → *Usnea subfloridana*  
*subcoralloides*, *Stereocaulon*  
*subdiscordans*, *Byssoloma*  
*subfarinacea*, *Ramalina*  
*subfloridana*, *Usnea*  
*subfossans*, *Verrucaria* (excl.)  
*subfurcata*, *Cladonia* (excl.)  
*subfusca*, *Lecanora* → *Lecanora allophana*  
*subfusca*, *Lecanora* → *Lecanora argentata*  
*subfuscata*, *Lecanora* → *Lecanora argentata*  
*subfuscula*, *Bacidia* → *Lecania subfuscula* (excl.)  
*subfuscula*, *Lecania* (excl.)  
*subgeminatum*, *Rhizocarpon*  
*subincompta*, *Bacidia*  
*subintricata*, *Lecanora*  
*sublaxa*, *Usnea* → *Usnea filipendula*  
*submersa*, *Verrucaria* → *Verrucaria submersella*  
*submersella*, *Verrucaria*  
*subnigrescens*, *Collema*  
*subobscura*, *Physcia* → *Physcia tenella* var. *marina*  
*subparoica*, *Chaenothecopsis*  
*subpedicellatum*, *Microcalicium* → *Microcalicium disseminatum*  
*subpusillum*, *Calicium* → *Chaenothecopsis pusilla*  
*subradiosa*, *Lecanora* → *Lecanora swartzii*  
*subramulosa*, *Xanthoria* → *Xanthoria fulva*  
*subrangiformis*, *Cladonia*  
*subrangiformis*, *Cladonia furcata* ssp. → *Cladonia subrangiformis*  
*subroscida*, *Chaenotheca*  
*subrudecta*, *Punctelia*  
*subrugosa*, *Lecanora* → *Lecanora argentata*  
*subsiderella*, *Opegrapha vulgata* var.  
*subsiderella*, *Opegrapha* → *Opegrapha vulgata* var. *subsiderella*  
*subsquamosa*, *Cladonia* → *Cladonia squamosa*

*substellaris*, *Xanthoria* → *Xanthoria fallax*  
*substerilis*, *Usnea*  
*subtile*, *Calicium* → *Mycocalicium subtile*  
*subtile*, *Leptogium*  
*subtile*, *Mycocalicium*  
*subtilis*, *Bacidia* → *Fellhanera subtilis*  
*subtilis*, *Fellhanera*  
*subulata*, *Cladonia*  
*subvaria*, *Lecanora* → *Lecanora varia*  
*subviridis*, *Ochrolechia*  
*suecicus*, *Abrothallus*  
*sulcata*, *Parmelia*  
*sulphurea*, *Coniocybe* → *Chaenotheca*  
*brachypoda*  
*sulphurea*, *Lecanora*  
*sulphurea*, *Lecidea* → *Lecanora sulphurea*  
*sulphurina*, *Cladonia*  
*superdistans*, *Candelariella*  
*swartzii*, *Lecanora*  
*swartzii*, *Lecanora sordida* var. → *Lecanora*  
*swartzii*  
*sylvana*, *Lecidea* → *Lecidea 'sphaerella'* (excl.)  
*sylvatica*, *Cladonia* → *Cladina arbuscula*  
*sylvatica*, *Usnea* → *Usnea scabrata*  
*sylvicola*, *Lecidea* → *Micarea sylvicola* (excl.)  
*sylvicola*, *Micarea* (excl.)  
*symmicta*, *Lecanora*  
*symmicta*, *Lecidea* → *Lecanora symmicta*  
*symmictella*, *Lecidea*  
*symmictera*, *Lecanora* → *Lecanora symmicta*  
*symmictera*, *Lecidea* → *Lecanora symmicta*  
*symphycarpa*, *Cladonia* → *Cladonia*  
*symphycarpia*  
*symphycarpia*, *Cladonia*  
*syncomista*, *Toninia* → *Mycobilimbia lobulata*  
*syringea*, *Lecania* → *Lecania fuscella*  
*szatalaënsis*, *Ochrolechia*

## T

*taractica*, *Parmelia* → *Xanthoparmelia*  
*somloënsis*  
*tartarea*, *Ochrolechia*  
*tenax*, *Collema*  
*tenebricosa*, *Lecidea* → *Lecidea 'erythrophaea'*  
*tenebrosa*, *Lecidea* → *Schaereria fuscocinerea*  
*tenebrosa*, *Schaereria* → *Schaereria*  
*fuscocinerea*  
*tenella*, *Physcia*  
*tenella*, *Physcia tenella* var.  
*tenuifolia*, *Cetraria* → *Cetraria ericetorum*  
*tenuis*, *Cladina ciliata* f.  
*tenuis*, *Cladina* → *Cladina ciliata* f. *tenuis*

*tenuis*, *Cladonia* → *Cladina ciliata* f. *tenuis*  
*tenuissima*, *Cetraria* → *Cetraria aculeata*  
*tenuissima*, *Cornicularia* → *Cetraria aculeata*  
*tenuissimum*, *Leptogium*  
*terebrata*, *Menegazzia*  
*teretiuscula*, *Physcia* → *Physcia dubia*  
*teretiusculum*, *Leptogium*  
*ternaria*, *Bacidia* → *vMicarea ternaria*  
*ternaria*, *Micarea*  
*terrestris*, *Cetraria juniperina* var. → *Vulpicida*  
*juniperina*  
*tesselata*, *Lecidea*  
*testudinea*, *Sporastatia* (excl.)  
*tetramera*, *Mycobilimbia*  
*thallincola*, *Caloplaca*  
*thamnodes*, *Letharia* → *Evernia mesomorpha*  
*thrausta*, *Ramalina*  
*tigillare*, *Cyphelium*  
*tiliacea*, *Parmelia* → *Parmelina tiliacea*  
*tiliacea*, *Parmelina*  
*tinctoria*, *Ramalina* → *Ramalina capitata*  
*tomentosum*, *Nephroma* → *Nephroma*  
*resupinatum*  
*tomentosum*, *Stereocaulon*  
*torrefacta*, *Umbilicaria*  
*trabinellum*, *Calicium*  
*tremelloides*, *Leptogium* → *Leptogium*  
*cyanescens*  
*tremulae*, *Leptoraphis*  
*tribacia*, *Physcia* → *Physcia dubia*  
*trichialis*, *Chaenotheca*  
*triphragmia*, *Buellia* → *Buellia disciformis*  
*triptophylla*, *Parmeliella*  
*trisepta*, *Bacidia* → *Micarea peliocarpa*  
*tristicula*, *Agonimia*  
*tristicula*, *Polyblastia* → *Agonimia tristicula*  
*truncigena*, *Gyalecta*  
*trunciseda*, *Xylographa*  
*tuberculosa*, *Huilia* → *Porpidia tuberculosa*  
*tuberculosa*, *Porpidia*  
*tubulosa*, *Hypogymnia*  
*tubulosa*, *Parmelia* → *Hypogymnia tubulosa*  
*tubulosa*, *Vulpicida*  
*tuniforme*, *Collema* → *Collema fuscovirens*  
*turbinata*, *Cladonia gracilis* ssp.  
*turfacea*, *Rinodina*  
*turfosa*, *Lecidea* → *Micarea turfosa*  
*turfosa*, *Micarea*  
*turgida*, *Cladonia*  
*turgidula*, *Biatora* → *Lecidea 'turgidula'*  
*'turgidula'*, *Lecidea*  
*turicensis*, *Lecania*

turneri, Ochrolechia  
*turneriana*, *Caloplaca* → *Caloplaca atroflava*

**U**

ulcerosa, *Caloplaca*  
*uliginosa*, *Biatora* → *Placynthiella uliginosa*  
*uliginosa*, *Lecidea* → *Placynthiella uliginosa*  
*uliginosa*, *Placynthiella*  
*uliginosa*, *Sacomorpha* → *Placynthiella*  
*uliginosa*  
 ulmi, *Gyalecta*  
 umbellifera, *Omphalina*  
 umbilicatum, *Rhizocarpon*  
 umbonella, *Cecidonia*  
 umbricola, *Lepraria*  
*umbrina*, *Bacidia* → *Scoliciosporum*  
*umbrinum*  
*umbrina*, *Lecanora* → *Lecanora dispersa*  
*umbrinum*, *Scoliciosporum*  
 uncialis, *Cladonia*  
 uncialis, *Cladonia uncialis* ssp.  
 undulatum, *Collema*  
 upsaliensis, *Ochrolechia*  
 usnearum, *Biatoropsis*

**V**

vainioana, *Chaenothecopsis*  
 varia, *Lecanora*  
 varia, *Opegrapha*  
 variabilis, *Caloplaca*  
*variolosa*, *Peltigera* → *Peltigera leucophlebia*  
 velana, *Caloplaca*  
 vellea, *Umbilicaria*  
*velutinoides*, *Verrucaria* → *Verrucaria xyloxena*  
 velutinum, *Thelidium* (excl.)  
 venosa, *Peltigera*  
 ventosa, *Ophioparma*  
*ventosum*, *Haematomma* → *Ophioparma*  
*ventosa*  
*venusta*, *Buellia alboatra* var. → *Diplotomma*  
*venustum*  
*venusta*, *Buellia* → *Diplotomma venustum*  
 venustum, *Diplotomma*  
 vernalis, *Biatora*  
*vernalis*, *Clavulinopsis* → *Multiclavula vernalis*  
*vernalis*, *Lecidea* → *Biatora vernalis*  
 vernalis, *Multiclavula*  
*vernalis*, *Pyrrhospora* → *Biatora vernalis*  
 veronensis, *Acarospora*  
 verrucarioides, *Toninia*  
 verrucigera, *Aspicilia*  
*verrucosa*, *Aspicilia* → *Megaspora verrucosa*

*verrucosa*, *Lobaria* → *Lobaria scrobiculata*  
*verrucosa*, *Megaspora*  
*verrucula*, *Lecidea* → *Micarea turfosa*  
*verruculifera*, *Caloplaca*  
*verruculifera*, *Neofuscelia*  
*verruculifera*, *Parmelia* → *Neofuscelia*  
*verruculifera*  
 versicolor, *Acarospora*  
 verticillata, *Cladonia cervicornis* ssp.  
*verticillata*, *Cladonia* → *Cladonia cervicornis*  
 ssp. *verticillata*  
*vespertilio*, *Collema* → *Collema nigrescens*  
 vesuvianum, *Stereocaulon*  
 vinosa, *Arthonia*  
 violaceofusca, *Buellia*  
 viride, *Calicium*  
*viridireagens*, *Calicium* → *Chaenothecopsis*  
*viridireagens*  
*viridireagens*, *Chaenothecopsis*  
*viridis*, *Fuscidea* → *Ropalospora viridis*  
*viridis*, *Opegrapha*  
*viridis*, *Ropalospora*  
*viridula*, *Verrucaria*  
 vitellina, *Candelariella*  
 vitellinaria, *Carbonea*  
 vitellinula, *Caloplaca*  
 vitiligo, *Xylographa*  
 vittata, *Hypogymnia*  
*vittata*, *Parmelia* → *Hypogymnia vittata*  
*vrangiana*, *Bryoria* → *Bryoria implexa*  
*vulgaris*, *Botrydina* → *Omphalina umbellifera*  
 vulgata, *Opegrapha*  
 vulgata, *Opegrapha vulgata* var.

**W**

*wainioi*, *Physcia* → *Physcia caesia*  
 wallrothii, *Mycomicrothelia*  
 wasmuthii, *Usnea*  
*weberi*, *Dermatocarpon* → *Dermatocarpon*  
*luridum*

**X**

*xanthoriae*, *Lichenocodium*  
*xanthostigma*, *Candelariella*  
*xyloxena*, *Aspicilia*  
*xyloxena*, *Chaenotheca*  
*xyloxena*, *Lecanora* → *Aspicilia xyloxena*  
*xyloxena*, *Verrucaria*

**Z**

*zabotica*, *Buellia* → *Buellia pharcidia*  
*zopfii*, *Cladonia* (excl.)