

A manual to:

**Santesson's Checklist of Fennoscandian
Lichen-forming and Lichenicolous Fungi**

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Santesson's on-line database of Fennoscandian lichen-forming and lichenicolous fungi is a continuation of the printed version that last appeared in 2004 (Santesson, R., Moberg, R., Nordin, A., Tønsberg, T. & Vitikainen, O. 2004: *Lichen-forming and lichenicolous fungi of Fennoscandia*), and before that in 1984 and 1993. The database is continuously updated with new knowledge concerning lichens and lichenicolous fungi in Norway, Sweden, and Finland.

Information in the detailed view

Accepted names and authors

In the detailed view, the accepted name is listed along with recently used synonyms of special relevance to Fennoscandian historical usage. The abbreviations of authors follow *Authors of fungal names, version 2* (<http://www.indexfungorum.org/authorsoffungalnames.htm>).

Literature references

The references to publications given under the genus and species are those considered to be of importance for the area. They are abbreviated considerably but should be understandable to those familiar with the lichenological literature. Recent well-known floras, often with good descriptions, are of such obvious importance that references to them are normally not provided. A reference given under the name of the genus, when cited again under a species of that genus, is abbreviated to author and year. The author and the series are omitted when they are the same as those of the preceding reference. The following abbreviations are commonly used:

AB = Arkiv för Botanik, Stockholm.
AphS = Acta Phytogeographica Suecica, Uppsala.
BN = Botaniska Notiser, Lund.
Gr. Sc. = Graphis Scripta, Copenhagen or Stockholm.
KVA = Kungliga Vetenskapsakademien, Stockholm.
KVS = Kungliga Vetenskaps societeten, Uppsala.
KVVS = Kungliga Vetenskaps- och Vitterhets-samhället, Göteborg.
SBT = Svensk Botanisk Tidskrift, Stockholm, Uppsala or Lund.
Magnusson, Förteckning = Magnusson, Förteckning över Skandnaviens växter. 4. Lavar, Lunds Botaniska Förening, 1936.
Magnusson, Tillägg = Magnusson, Tillägg och ändringar till Förteckning över Skandnaviens växter. 4. Lavar. Manuscript, Uppsala 1950.
Poelt, Bestimmungss. = Bestimmungsschlüssel europäischer Flechten, Lehre 1969.
Poelt & Vězda, Ergänzt. I and II = Poelt & Vězda, Ergänzungsheft I and II to the previous work, Bibliotheca Lichenologica 9, 1977, and 16, 1981.

Lifestyle

A brief mention of the lifestyle is provided, which for simplicity can only take on three different values: lichen (which we also use for facultative lichens),

lichenicolous fungus, facultatively lichenicolous fungi, saprobic fungus, and "unknown".

Ecology

A short description of habitat choice is provided for each species, which refers exclusively to conditions in Fennoscandia. More detailed statements are usually found in the cited publications. For the lichenicolous fungi, only Fennoscandian host lichens are reported.

Distribution

An overview of the distribution of the species within each country is provided. For Norway and Finland, an interval between two provinces (e.g., "Øf–Bu") means that the species has been recorded from each of the intervening provinces according to the order of list below (in this example consequently from each of the provinces Øf, Ak, He, Op, and Bu). Distributional information for Sweden is of lower quality, an effect of the history of this list. An interval between two Swedish provinces (e.g., "Sk–TL") means that the species has been recorded from most *but not necessarily all* of the intervening provinces. Swedish distributions of marine or coastal species may also be provided as an interval (e.g., "Bh–Sk–Upl") that should be understood to include only provinces with a coastline (in this example Bh, Hl, Sk, Bl, Öl, Gtl, Sm, Ög, Srm, and Upl). We are working to remove this deficiency of the list. If a species is known from only one locality in Fennoscandia, a short reference to a locality and collector is provided. Species assumed to be extinct are included in the list. In some well-documented cases, extinct species have been indicated by brackets around the province names. Provinces are listed in the following order:

Sweden (abbreviated S)

Sk	Skåne
Bl	Blekinge
Öl	Öland
Gtl	Gotland
Sm	Småland
Hl	Halland
Bh	Bohuslän
Dls	Dalsland
Vg	Västergötland
Ög	Östergötland
Nrk	Närke
Srm	Södermanland
Vrm	Värmland
Vsm	Västmanland
Upl	Uppland
Dlr	Dalarna
Gst	Gästrikland
Hls	Hälsingland
Mpd	Medelpad
Äng	Ängermanland
Hrj	Härjedalen
Jmt	Jämtland
Vb	Västerbotten
Nb	Norrbottn

ÅsL Åsele lappmark
 LyL Lycksele lappmark
 PL Pite lappmark
 LuL Lule lappmark
 TL Torne lappmark

Norway (abbreviated N)

Øf Østfold
 Ak Akershus
 He Hedmark
 Op Oppland
 Bu Buskerud
 Vf Vestfold
 Te Telemark
 AA Aust-Agder
 VA Vest-Agder
 Ro Rogaland
 Ho Hordaland
 SF Sogn og Fjordane
 MR Møre og Romsdal
 ST Sør-Trøndelag
 NT Nord-Trøndelag
 No Nordland
 Tr Troms
 Fi Finnmark

Finland (abbreviated F)

A Ahvenanmaa; Åland; Alandia
 V Varsinais-Suomi; Regio aboënsis
 U Uusimaa; Nylandia
 EK Etelä-Karjala; Karelia australis
 St Satakunta
 EH Etelä-Häme; Tavastia australis
 ES Etelä-Savo; Savonia australis (incl. also LK = Ladoga Karelen; Karelia ladogensis)
 EP Etelä-Pohjanmaa; Ostrobotnia australis
 PH Pohjois-Häme; Tavastia borealis
 PS Pohjois-Savo; Savonia borealis
 PK Pohjois-Karjala; Karelia borealis
 KP Keski-Pohjanmaa; Ostrobotnia media
 Kn Kainuu; Ostrobotnia kajanensis
 OP Oulun Pohjanmaa; Ostrobotnia ouluensis
 PeP Perä-Pohjanmaa; Ostrobotnia ultima
 Ks Kollismaa; Regio kusamoënsis
 KiL Kittilän Lappi; Lapponia kittilensis
 SoL Sompion Lappi; Lapponia sompiensis
 EnL Enontekiön Lappi; Lapponia enontekiensis
 InL Inarin Lappi; Lapponia inarensis

