

Luleå 001021

An investigation of plant nutrition in the north Swedish soils.

The investigation is performed out of a scheme presented in the brieflet "NORDSVENSKA SKOGSTYPER" published by Sveriges Skogsvårdsförbund and written by Frederik Ebeling, and the contents are that certain plants are specific in certain soil fertility.

The vegetation types are divided in four classes in increasing order by nutrition.

Best regards
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index 1 (lowest nutrition)

Peltigera-

Dicranum-

Pleurozium schreberi ,Hylocomium splendens

Ptilium crista-castrensis

Sphagnum robustum

Polytrichum commune

Equisetum sylvaticum

Carex globularis

Cloudberry

Heather

Lingonberry

Deschampsia flexuosa

Majathenum bifolium

Trientalis europea

Melampyrum pratense

Solidago virgaurea

Ledum palustre

Blueberry

Vaccinium uliginosum

index 2 (more nutrition than index 1)

Blueberry

Gymnocarpium dryopteris

Low growing herbs

Rubus saxatilis

Thelypteris phegopteris

Oxalis acetosella

Viola riviniana

Anemone nemorosa

Rhytidia-delphus triquetrus

Rhodobryum roseum

Chamaenerion angustifolium

Calamagrostis arundinacea

Spagnum girgensohnii + *Mnium-*

index 3 (more nutrition than index 2)

Blueberry

Geranium sylvaticum

Lactuca alpina

Aconitum septentrionale

Cirsium heterophyllum

Filipendula ulmaria

Calamagrostis purpurea

Deschampsia caespitosa

Caltha palustris

Potentilla palustris

Calla palustris

index 4 (most plant nutrition of the series)

Paris quadrifolia

Polygonatum verticillatum

Actaea spicata

Poa pratensis

Milium effusum

Athyrium and Dryopteris

Matteuccia struthiopteris