Orthilia

Habitus and growth type

Plant height [m]: **0.14**
Life span: **Perennial**
Life form: **Chamaephyte**

Leaf

Specific leaf area [mm^2/mg]: **16.89**

Flower

Flowering period: **May-July**

Fruit, seed and dispersal

Seed mass [mg]: **0.01**
Dispersal mode: **Anemochory**
Dispersal distance class: **3**

Trophic mode

Parasitism and mycoheterotrophy: **initial or partial mycoheterotroph**
Carnivory: **non-carnivorous**
Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

Taxon origin

Origin in Europe: **Native**

Ecology

Environmental relationships

Substrate humidity relationship: **Mesic**
Substrate reaction relationship: **Slightly acidic to near-neutral**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **4.1**
Temperature indicator value: **4.4**
Moisture indicator value: **5.2**
Reaction indicator value: **5**
Nutrient indicator value: **2.3**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.04**

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Disturbance frequency (herb layer): **1.19**
Disturbance severity: **0.68**
Disturbance severity (herb layer): **0.11**
Mowing frequency: **0**
Grazing pressure: **0.2**
Soil disturbance: **0.12**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **BA (PIC) *Vaccinio-Piceetea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **T3F Dark taiga**, **T3H Larix light taiga**
Constant species of EUNIS habitats: **N1F Baltic coniferous coastal dune forest**, **T31 Temperate mountain Picea forest**, **T32 Temperate mountain Abies forest**, **T3F Dark taiga**, **T3H Larix light taiga**, **T3K Picea mire forest**, **U35 Boreal and Arctic base-rich inland cliff**

Broad habitat

Occurrence in broad habitats: **Scrub, Forest, Sparsely vegetated (incl. rock and scree)**

Distribution

Continentality: **6**
Continentality amplitude: **5**

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