

# Orthilia

## Habitus and growth type

Plant height [m]: **0.14**

Life span: **Perennial**

Life form: **Chamaephyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/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**

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: [T3H Larix light taiga](#)

Constant species of EUNIS habitats: [N1F Baltic coniferous coastal dune 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**