

# ***Trientalis europaea***

## **Habitus and growth type**

Plant height [m]: **0.13**

Life span: **Perennial**

Life form: **Geophyte**

## **Leaf**

Specific leaf area [mm<sup>2</sup>/mg]: **47.32**

## **Flower**

Flowering period: **April-July**

## **Fruit, seed and dispersal**

Seed mass [mg]: **0.62**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **1**

## **Trophic mode**

Parasitism and mycoheterotrophy: **autotroph**

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: **Acidic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### **Ellenberg-type indicator values**

Light indicator value: **4.8**

Temperature indicator value: **4.6**

Moisture indicator value: **6.1**

Reaction indicator value: **3**

Nutrient indicator value: **2.4**

Salinity indicator value: **0**

### **Disturbance indicator values**

Disturbance frequency: **0.13**

Disturbance frequency (herb layer): **1.3**  
Disturbance severity: **0.64**  
Disturbance severity (herb layer): **0.13**  
Mowing frequency: **0.03**  
Grazing pressure: **0.19**  
Soil disturbance: **0.14**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [BA \(PIC\) \*Vaccinio-Piceetea\*](#), [BC \(BRA\) \*Brachypodio pinnati-Betuletea pendulae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [T1C Temperate and boreal mountain \*Betula\* and \*Populus tremula\* forest on mineral soils](#), [T3F Dark taiga](#), [T3H Larix light taiga](#), [U35 Boreal and Arctic base-rich inland cliff](#)

Constant species of EUNIS habitats: [N1F Baltic coniferous coastal dune forest](#), [R42 Boreal and Arctic acidophilous alpine grassland](#), [S11 Shrub tundra](#), [T16 Broadleaved mire forest on acid peat](#), [T1C Temperate and boreal mountain \*Betula\* and \*Populus tremula\* forest on mineral soils](#), [T35 Temperate continental \*Pinus sylvestris\* forest](#), [T3F Dark taiga](#), [T3G \*Pinus sylvestris\* light taiga](#), [T3H Larix light taiga](#), [T3K \*Picea\* mire forest](#), [U21 Boreal and Arctic siliceous scree and block field](#), [U25 Boreal and Arctic base-rich scree and block field](#), [U35 Boreal and Arctic base-rich inland cliff](#)

### Broad habitat

Occurrence in broad habitats: **Mire, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Heathland, Scrub, Forest, Sparsely vegetated (incl. rock and scree)**

## Distribution

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