

Trientalis europaea

Habitus and growth type

Plant height [m]: **0.13**

Life span: **Perennial**

Life form: **Geophyte**

Leaf

Specific leaf area [mm²/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**