Trientalis europaea

Habitus and growth type

Plant height [m]: **0.13**
Life span: **Perennial**
Life form: **Geophyte**

Leaf

Specific leaf area [mm^2/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**

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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, T3G Pinus sylvestris light taiga, T3H Larix light taiga, T3K Picea mire forest, U21 Boreal and Arctic siliceous scree and block field, 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, 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, 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**

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