Vaccinium vitis-idaea

Habitus and growth type

Plant height [m]: **0.21**
Life span: **Perennial**
Life form: **Chamaephyte, Dwarf shrub**

Leaf

Leaf type (woody plants only): **Sclerophyllous**
Leaf phenology (woody plants only): **Evergreen**
Specific leaf area [mm^2/mg]: **8.37**

Flower

Flowering period: **May-July**

Fruit, seed and dispersal

Seed mass [mg]: **67.81**
Dispersal mode: **Endozoochory**
Dispersal distance class: **6**

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: **5.1**
Temperature indicator value: **3.2**
Moisture indicator value: **4.8**
Reaction indicator value: **2**
Nutrient indicator value: **1.9**
Salinity indicator value: **0**

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Disturbance indicator values

Disturbance frequency: **0.22**
Disturbance frequency (herb layer): **1.11**
Disturbance severity: **0.56**
Disturbance severity (herb layer): **0.16**
Mowing frequency: **0.01**
Grazing pressure: **0.21**
Soil disturbance: **0.13**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **AC (LOI) *Loiseleurio procumbentis-Vaccinietea*, BA (PIC) *Vaccinio-Piceetea*, CH (ULI) *Calluno-Ulicetea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **N1F Baltic coniferous coastal dune forest, Q31 Palsa mire, S11 Shrub tundra, S12 Moss and lichen tundra, S26 Subalpine Pinus mugo scrub, 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, T3J Pinus and Larix mire forest, T3K Picea mire forest, U21 Boreal and Arctic siliceous scree and block field, U25 Boreal and Arctic base-rich scree and block field, U52 Polar desert**

Constant species of EUNIS habitats: **N1F Baltic coniferous coastal dune forest, Q11 Raised bog, Q31 Palsa mire, R42 Boreal and Arctic acidophilous alpine grassland, R43 Temperate acidophilous alpine grassland, S11 Shrub tundra, S12 Moss and lichen tundra, S22 Alpine and subalpine ericoid heath, S23 Alpine and subalpine Juniperus scrub, S26 Subalpine Pinus mugo scrub, S31 Lowland to montane temperate and submediterranean Juniperus scrub, S42 Dry heath, T16 Broadleaved mire forest on acid peat, T1C Temperate and boreal mountain Betula and Populus tremula forest on mineral soils, T31 Temperate mountain Picea forest, T34 Temperate subalpine Larix, Pinus cembra and Pinus uncinata forest, T35 Temperate continental Pinus sylvestris forest, T3F Dark taiga, T3G Pinus sylvestris light taiga, T3H Larix light taiga, T3J Pinus and Larix mire forest, 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, U52 Polar desert**

Dominant species of EUNIS habitats: **N1F Baltic coniferous coastal dune forest, T35 Temperate continental Pinus sylvestris forest, T3H Larix light taiga**

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 amplitude: **7**

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