

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 [mm²/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**

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](#), [Q3 Palsa and polygon mires](#), [S11 Shrub tundra](#), [S26 Subalpine *Pinus mugo* scrub](#), [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](#)

Constant species of EUNIS habitats: [N1F Baltic coniferous coastal dune forest](#), [Q11 Raised bog](#), [Q3 Palsa and polygon mires](#), [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](#), [T39 Mediterranean and Balkan subalpine *Pinus heldreichii*-*Pinus peuce* 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: [T3H *Larix* light taiga](#), [U52 Polar desert](#)

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