

# *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<sup>2</sup>/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](#), [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