Vaccinium myrtillus

Habitus and growth type

Plant height [m]: **0.38**
Life span: **Perennial**
Life form: **Chamaephyte, Dwarf shrub**

Leaf

Leaf type (woody plants only): **Broad deciduous or semi-deciduous**
Leaf phenology (woody plants only): **Winter deciduous**
Specific leaf area [mm^2/mg]: **20.87**

Flower

Flowering period: **May-July**

Fruit, seed and dispersal

Seed mass [mg]: **170.37**
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: **5.7**
Reaction indicator value: **1.9**
Nutrient indicator value: **2.5**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.15**

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Disturbance frequency (herb layer): **1.18**
Disturbance severity: **0.61**
Disturbance severity (herb layer): **0.16**
Mowing frequency: **0.02**
Grazing pressure: **0.21**
Soil disturbance: **0.13**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **BA (PIC) *Vaccinio-Piceetea***, **CC (QUE) *Quercetea robori-petraeae***, **CH (ULI) *Calluno-Ulicetea***, **CI (NAR) *Nardetea strictae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **N1F Baltic coniferous coastal dune forest**, **S22 Alpine and subalpine ericoid heath**, **S26 Subalpine Pinus mugo scrub**, **T18 Fagus forest on acid soils**, **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**

Constant species of EUNIS habitats: **N1F Baltic coniferous coastal dune forest**, **Q11 Raised bog**, **R1M Lowland to montane, dry to mesic grassland usually dominated by Nardus stricta**, **R23 Mountain hay meadow**, **R42 Boreal and Arctic acidophilous alpine grassland**, **R43 Temperate acidophilous alpine grassland**, **R52 Forest fringe of acidic nutrient-poor soils**, **R54 Pteridium aquilinum vegetation**, **R56 Montane to subalpine moist or wet tall-herb and fern fringe**, **S11 Shrub tundra**, **S12 Moss and lichen tundra**, **S22 Alpine and subalpine ericoid heath**, **S23 Alpine and subalpine Juniperus scrub**, **S25 Subalpine and subarctic deciduous 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**, **T18 Fagus forest on acid soils**, **T1B Acidophilous Quercus forest**, **T1C Temperate and boreal mountain Betula and Populus tremula forest on mineral soils**, **T1D Southern European mountain Betula and Populus tremula forest on mineral soils**, **T27 Ilex aquifolium forest**, **T31 Temperate mountain Picea forest**, **T32 Temperate mountain Abies 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**, **T3M Coniferous plantation of non site-native trees**, **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**

Dominant species of EUNIS habitats: **S11 Shrub 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**, **T18 Fagus forest on acid soils**, **T1B Acidophilous Quercus forest**, **T1C Temperate and boreal mountain Betula and Populus tremula forest on mineral soils**, **T1D Southern European mountain Betula and Populus tremula forest on mineral**

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soils, **T31 Temperate mountain Picea forest**, **T32 Temperate mountain Abies 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**

Broad habitat

Occurrence in broad habitats: **Spring, Mire, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Heathland, Scrub, Forest, Sparsely vegetated (incl. rock and scree), Synanthropic**

Distribution

Continentality amplitude: **6**

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