

# *Arctostaphylos alpinus*

## Habitus and growth type

Plant height [m]: **0.3**

Life span: **Perennial**

Life form: **Chamaephyte, Dwarf shrub**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **11.78**

## Flower

Flowering period: **May-July**

## Fruit, seed and dispersal

Seed mass [mg]: **101.2**

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: **7**

Temperature indicator value: **1.6**

Moisture indicator value: **4.8**

Reaction indicator value: **2.5**

Nutrient indicator value: **2**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.81**

Disturbance frequency (herb layer): **0.99**  
Disturbance severity: **0.31**  
Disturbance severity (herb layer): **0.26**  
Mowing frequency: **0**  
Grazing pressure: **0.25**  
Soil disturbance: **0.07**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [AC \(LOI\) \*Loiseleurio procumbentis-Vaccinietea\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [Q31 Palsa mire](#), [S11 Shrub tundra](#), [S12 Moss and lichen tundra](#)

Constant species of EUNIS habitats: [Q31 Palsa mire](#), [S11 Shrub tundra](#), [S12 Moss and lichen tundra](#)

### Broad habitat

Occurrence in broad habitats: **Mire, Grassland (non-alpine, non-saline), Heathland, Oromediterranean scrub, Scrub, Sparsely vegetated (incl. rock and scree)**

## Distribution

Continentality: **6**  
Continentality amplitude: **6**