

# *Sorbus chamaemespilus*

## Habitus and growth type

Plant height [m]: **1.68**

Life span: **Perennial**

Life form: **Phanerophyte, Shrub**

## Flower

Flowering period: **May-June**

## Fruit, seed and dispersal

Seed mass [mg]: **457.95**

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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7**

Temperature indicator value: **3**

Moisture indicator value: **4.3**

Reaction indicator value: **7.7**

Nutrient indicator value: **3.3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.13**

Disturbance frequency (herb layer): **0.57**

Disturbance severity: **0.51**

Disturbance severity (herb layer): **0.14**

Mowing frequency: **0**  
Grazing pressure: **0.17**  
Soil disturbance: **0.06**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [BA \(PIC\) Vaccinio-Piceetea](#), [CO \(ERI\) Erico-Pinetea](#), [CP \(MUG\) Roso pendulinae-Pinetea mugo](#), [CS \(MUL\) Mulgedio-Aconitetea](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [S26 Subalpine Pinus mugo scrub](#), [T34 Temperate subalpine Larix, Pinus cembra and Pinus uncinata forest](#)

Constant species of EUNIS habitats: [S26 Subalpine Pinus mugo scrub](#), [T34 Temperate subalpine Larix, Pinus cembra and Pinus uncinata forest](#)

### Broad habitat

Occurrence in broad habitats: **Alpine-subalpine and arctic grassland, Scrub, Forest, Sparsely vegetated (incl. rock and scree)**

## Distribution

Continentality: **4**  
Continentality amplitude: **2**