

Pinus cembra

Habitus and growth type

Plant height [m]: **19.23**

Life span: **Perennial**

Life form: **Phanerophyte, Tree**

Leaf

Leaf type (woody plants only): **Needle-like**

Leaf phenology (woody plants only): **Evergreen**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **209.18**

Dispersal mode: **Anemochory, Anthropochory**

Dispersal distance class: **4, 7**

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: **Mesotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6.2**

Temperature indicator value: **2.4**

Moisture indicator value: **5.3**

Reaction indicator value: **4.3**

Nutrient indicator value: **3.8**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.1**
Disturbance frequency (herb layer): **1**
Disturbance severity: **0.6**
Disturbance severity (herb layer): **0.13**
Mowing frequency: **0.01**
Grazing pressure: **0.19**
Soil disturbance: **0.09**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [BA \(PIC\) Vaccinio-Piceetea](#)

EUNIS habitat

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

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

Broad habitat

Occurrence in broad habitats: **Coastal cliff, Oromediterranean scrub, Scrub, Forest, Sparsely vegetated (incl. rock and scree)**

Distribution

Continentality: **8**
Continentality amplitude: **2**