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

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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**
Dominant 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**

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