# *Pinus uncinata*

## Habitus and growth type

Plant height [m]: **17.54**
Life span: **Perennial**
Life form: **Phanerophyte, Tree**

## Leaf

Leaf type (woody plants only): **Needle-like**
Leaf phenology (woody plants only): **Evergreen**
Specific leaf area [$mm^2$/mg]: **3.75**

## Flower

Flowering period: **April-June**

## Fruit, seed and dispersal

Seed mass [mg]: **11.95**
Dispersal mode: **Anemochory**
Dispersal distance class: **4**

## 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**
Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.3**
Temperature indicator value: **3.3**
Moisture indicator value: **5.8**
Reaction indicator value: **2.7**
Nutrient indicator value: **2.7**
Salinity indicator value: **0**

### Disturbance indicator values

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Disturbance frequency: **0.49**
Disturbance frequency (herb layer): **1.38**
Disturbance severity: **0.42**
Disturbance severity (herb layer): **0.22**
Mowing frequency: **0.04**
Grazing pressure: **0.21**
Soil disturbance: **0.09**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: **BA (PIC) *Vaccinio-Piceetea*, CN (SAB) *Junipero-Pinetea sylvestris***

### 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: **Mire, Scrub, Forest, Sparsely vegetated (incl. rock and scree)**

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