

# *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<sup>2</sup>/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

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)**