Pinus heldreichii

Habitus and growth type

Plant height [m]: **9.74**
Life span: **Perennial**
Life form: **Phanerophyte, Tree**

Flower

Flowering period: **March-May**

Fruit, seed and dispersal

Seed mass [mg]: **22.45**
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: **Dry**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **9**
Temperature indicator value: **7**
Moisture indicator value: **2**
Reaction indicator value: **7**
Nutrient indicator value: **2**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.08**
Disturbance frequency (herb layer): **1.23**
Disturbance severity: **0.65**
Disturbance severity (herb layer): **0.13**

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Mowing frequency: **0.01**
Grazing pressure: **0.2**
Soil disturbance: **0.09**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CO (ERI) *Erico-Pinetea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **T39 Mediterranean and Balkan subalpine *Pinus heldreichii-Pinus peuce* forest**
Constant species of EUNIS habitats: **T39 Mediterranean and Balkan subalpine *Pinus heldreichii-Pinus peuce* forest**
Dominant species of EUNIS habitats: **T39 Mediterranean and Balkan subalpine *Pinus heldreichii-Pinus peuce* forest**

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Oromediterranean scrub, Forest, Sparsely vegetated (incl. rock and scree)**

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