

Pinus halepensis

Habitus and growth type

Plant height [m]: **10.74**

Life span: **Perennial**

Life form: **Phanerophyte, Tree**

Spinescence: **not spinescent**

Leaf

Specific leaf area [mm²/mg]: **5.28**

Flower

Flowering period: **February-May**

Fruit, seed and dispersal

Seed mass [mg]:

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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **9.5**

Moisture indicator value: **2.7**

Reaction indicator value: **6.3**

Nutrient indicator value: **2.7**

Salinity indicator value: **0.3**

Disturbance indicator values

Disturbance frequency: **0.19**
Disturbance frequency (herb layer): **1.45**
Disturbance severity: **0.69**
Disturbance severity (herb layer): **0.19**
Mowing frequency: **0.03**
Grazing pressure: **0.26**
Soil disturbance: **0.12**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [FA \(QUI\) *Quercetea ilicis*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [N1G Mediterranean coniferous coastal dune forest](#), [S61 Western basiphilous garrigue](#), [T3A Mediterranean lowland to submontane *Pinus* forest](#)

Constant species of EUNIS habitats: [N1G Mediterranean coniferous coastal dune forest](#), [S61 Western basiphilous garrigue](#), [S62 Western acidophilous garrigue](#), [T1A Mediterranean thermophilous deciduous forest](#), [T24 *Olea europaea*-*Ceratonia siliqua* forest](#), [T29 Broadleaved evergreen plantation of non site-native trees](#), [T3A Mediterranean lowland to submontane *Pinus* forest](#)

Dominant species of EUNIS habitats: [T3A Mediterranean lowland to submontane *Pinus* forest](#)

Broad habitat

Occurrence in broad habitats: **Scrub, Forest**