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 [mm^2/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

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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**, **T24 Olea europaea-Ceratonia siliqua forest**, **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: **N1G Mediterranean coniferous coastal dune forest**, **T3A Mediterranean lowland to submontane Pinus forest**

Broad habitat

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

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