

Pinus pinaster

Habitus and growth type

Plant height [m]: **25.2**

Life span: **Perennial**

Life form: **Phanerophyte, Tree**

Spinescence: **spinescent**

Leaf

Specific leaf area [mm²/mg]: **3.4**

Flower

Flowering period: **January-May**

Fruit, seed and dispersal

Seed mass [mg]: **59.07**

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: **Acidic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **8.5**

Temperature indicator value: **7.6**

Moisture indicator value: **3**

Reaction indicator value: **4.5**

Nutrient indicator value: **3.2**

Salinity indicator value: **0.5**

Disturbance indicator values

Disturbance frequency: **0.14**
Disturbance frequency (herb layer): **1.39**
Disturbance severity: **0.68**
Disturbance severity (herb layer): **0.15**
Mowing frequency: **0.02**
Grazing pressure: **0.23**
Soil disturbance: **0.12**

Habitat and sociology

EUNIS habitat

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

Constant species of EUNIS habitats: [N1B Mediterranean and Black Sea coastal dune scrub](#), [N1D Atlantic and Baltic broad-leaved coastal dune forest](#), [N1G Mediterranean coniferous coastal dune forest](#), [S62 Western acidophilous garrigue](#), [T29 Broadleaved evergreen plantation of non site-native trees](#), [T3A Mediterranean lowland to submontane Pinus forest](#), [T3M Coniferous plantation of non site-native trees](#)

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

Broad habitat

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