

Pinus brutia

Habitus and growth type

Plant height [m]: **17.55**

Life span: **Perennial**

Life form: **Phanerophyte, Tree**

Flower

Flowering period: **February-May**

Fruit, seed and dispersal

Seed mass [mg]: **44.11**

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: **7.9**

Moisture indicator value: **3**

Reaction indicator value: **7**

Nutrient indicator value: **2.7**

Salinity indicator value: **0.3**

Disturbance indicator values

Disturbance frequency: **0.13**

Disturbance frequency (herb layer): **1.54**

Disturbance severity: **0.7**

Disturbance severity (herb layer): **0.19**

Mowing frequency: **0.02**

Grazing pressure: **0.24**

Soil disturbance: **0.12**

Habitat and sociology

Syntaxon

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

EUNIS habitat

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

Constant species of EUNIS habitats: [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: **Forest**