

Abies cephalonica

Habitus and growth type

Plant height [m]:

Life span: **Perennial**

Life form: **Phanerophyte, Tree**

Leaf

Leaf type (woody plants only): **Needle-like**

Leaf phenology (woody plants only): **Evergreen**

Fruit, seed and dispersal

Seed mass [mg]: **71.43**

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: **Slightly acidic to near-neutral**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **7**

Moisture indicator value: **4**

Reaction indicator value: **6**

Nutrient indicator value: **5**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.1**

Disturbance frequency (herb layer): **1.43**

Disturbance severity: **0.68**

Disturbance severity (herb layer): **0.2**

Mowing frequency: **0**

Grazing pressure: **0.24**

Soil disturbance: **0.11**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CB \(PUB\) Quercetea pubescentis](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [T33 Mediterranean mountain Abies forest](#)

Dominant species of EUNIS habitats: [T33 Mediterranean mountain Abies forest](#)

Broad habitat

Occurrence in broad habitats: **Forest**