

Daphne gnidium

Habitus and growth type

Plant height [m]: **1.53**

Life span: **Perennial**

Life form: **Phanerophyte, Shrub**

Spinescence: **not spinescent**

Leaf

Specific leaf area [mm²/mg]: **9.38**

Flower

Flowering period: **June-September**

Fruit, seed and dispersal

Seed mass [mg]: **7.62**

Dispersal mode: **Endozoochory**

Dispersal distance class: **6**

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: **Mesotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.3**

Temperature indicator value: **8.3**

Moisture indicator value: **2.7**

Reaction indicator value: **4**

Nutrient indicator value: **3.3**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.18**
Disturbance frequency (herb layer): **1.36**
Disturbance severity: **0.68**
Disturbance severity (herb layer): **0.19**
Mowing frequency: **0.01**
Grazing pressure: **0.26**
Soil disturbance: **0.11**

Habitat and sociology

Syntaxon

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

EUNIS habitat

Diagnostic species of EUNIS habitats: [N1B Mediterranean and Black Sea coastal dune scrub](#), [N1G Mediterranean coniferous coastal dune forest](#), [S62 Western acidophilous garrigue](#), [T28 Macaronesian heathy forest](#)

Constant species of EUNIS habitats: [N1B Mediterranean and Black Sea coastal dune scrub](#), [N1G Mediterranean coniferous coastal dune forest](#), [S62 Western acidophilous garrigue](#), [T21 Mediterranean evergreen Quercus forest](#), [T28 Macaronesian heathy forest](#), [T3A Mediterranean lowland to submontane Pinus forest](#)

Broad habitat

Occurrence in broad habitats: **Scrub, Forest, Sparsely vegetated (incl. rock and scree)**