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 [mm^2/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

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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)**

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