Olea europaea

Habitus and growth type

Plant height [m]: **7.44**
Life span: **Perennial**
Life form: **Phanerophyte, Tree, Shrub**
Spinescence: **spinescent**

Leaf

Specific leaf area [mm^2/mg]: **5.87**

Flower

Flowering period: **March-June**

Fruit, seed and dispersal

Seed mass [mg]: **148.07**
Dispersal mode: **Endozoochory, Anthropochory**
Dispersal distance class: **6, 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: **Slightly acidic to near-neutral**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8**
Temperature indicator value: **9.7**
Moisture indicator value: **3.3**
Reaction indicator value: **6.7**
Nutrient indicator value: **5.4**
Salinity indicator value: **0.3**

Disturbance indicator values

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Disturbance frequency: **0.24**
Disturbance frequency (herb layer): **1.44**
Disturbance severity: **0.71**
Disturbance severity (herb layer): **0.26**
Mowing frequency: **0.02**
Grazing pressure: **0.29**
Soil disturbance: **0.14**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **S54 Thermomediterranean arid scrub**, **S63 Eastern garrigue**, **T24 Olea europaea-Ceratonia siliqua forest**
Constant species of EUNIS habitats: **S51 Mediterranean maquis and arborescent matorral**, **S54 Thermomediterranean arid scrub**, **S63 Eastern garrigue**, **T24 Olea europaea-Ceratonia siliqua 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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