

Rosmarinus officinalis

Habitus and growth type

Plant height [m]: **1.08**

Life span: **Perennial**

Life form: **Phanerophyte, Chamaephyte, Shrub**

Spinescence: **not spinescent**

Leaf

Leaf type (woody plants only): **Sclerophyllous**

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

Specific leaf area [mm²/mg]: **5.38**

Flower

Flowering period: **January-December**

Fruit, seed and dispersal

Seed mass [mg]: **1.08**

Dispersal mode: **Myrmecochory, Anthropochory**

Dispersal distance class: **3, 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: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.5**

Temperature indicator value: **8.3**

Moisture indicator value: **2**

Reaction indicator value: **7**

Nutrient indicator value: **3**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.31**

Disturbance frequency (herb layer): **1.42**

Disturbance severity: **0.68**

Disturbance severity (herb layer): **0.24**

Mowing frequency: **0.04**

Grazing pressure: **0.3**

Soil disturbance: **0.13**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: [S61 Western basiphilous garrigue](#), [S65 Mediterranean gypsum scrub](#), [S71 Western Mediterranean spiny heath](#)

Constant species of EUNIS habitats: [N1G Mediterranean coniferous coastal dune forest](#), [S51 Mediterranean maquis and arborescent matorral](#), [S54 Thermomediterranean arid scrub](#), [S61 Western basiphilous garrigue](#), [S62 Western acidophilous garrigue](#), [S65 Mediterranean gypsum scrub](#), [S71 Western Mediterranean spiny heath](#), [T24 Olea europaea-Ceratonia siliqua forest](#), [T3A Mediterranean lowland to submontane Pinus forest](#)

Dominant species of EUNIS habitats: [S61 Western basiphilous garrigue](#)

Broad habitat

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