Myrtus communis

Habitus and growth type

Plant height [m]: **2.25**
Life span: **Perennial**
Life form: **Phanerophyte, Shrub**
Spinescence: **not spinescent**

Leaf

Specific leaf area [mm^2/mg]: **9.13**

Flower

Flowering period: **May-July**

Fruit, seed and dispersal

Seed mass [mg]: **12.91**
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 reaction relationship: **Slightly acidic to near-neutral**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **7.3**
Temperature indicator value: **9.5**
Reaction indicator value: **5.3**
Nutrient indicator value: **4.3**
Salinity indicator value: **0.5**

Disturbance indicator values

Disturbance frequency: **0.22**
Disturbance frequency (herb layer): **1.33**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz

Disturbance severity: **0.7**
Disturbance severity (herb layer): **0.24**
Mowing frequency: **0.01**
Grazing pressure: **0.26**
Soil disturbance: **0.09**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **FA (QUI) *Quercetea ilicis***, **GB (OLE) *Oleo cerasiformis-Rhamnetea crenulatae***, **GD (AZO) *Lauro azoricae-Juniperetea brevifoliae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **N1G Mediterranean coniferous coastal dune forest**, **S51 Mediterranean maquis and arborescent matorral**, **S54 Thermomediterranean arid scrub**, **T24 Olea europaea-Ceratonia siliqua forest**, **T25 Phoenix theophrasti vegetation**, **T3A Mediterranean lowland to submontane Pinus forest**

Constant species of EUNIS habitats: **N1G Mediterranean coniferous coastal dune forest**, **S51 Mediterranean maquis and arborescent matorral**, **S54 Thermomediterranean arid scrub**, **T21 Mediterranean evergreen Quercus forest**, **T24 Olea europaea-Ceratonia siliqua forest**, **T25 Phoenix theophrasti vegetation**, **T3A Mediterranean lowland to submontane Pinus forest**

Dominant species of EUNIS habitats: **S51 Mediterranean maquis and arborescent matorral**

Broad habitat

Occurrence in broad habitats: **Scrub, Forest**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz