

# *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<sup>2</sup>/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**

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: [S51 Mediterranean maquis and arborescent matorral](#)

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](#)

### Broad habitat

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