

# *Asparagus aphyllus*

## Habitus and growth type

Plant height [m]: **0.4**

Life span: **Perennial**

Life form: **Phanerophyte, Shrub**

Spinescence: **spinescent**

## Flower

Flowering period: **August-October**

## Fruit, seed and dispersal

Seed mass [mg]: **62.68**

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: **Slightly acidic to near-neutral**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **11**

Moisture indicator value: **2**

Reaction indicator value: **6**

Nutrient indicator value: **2**

Salinity indicator value: **0.5**

### Disturbance indicator values

Disturbance frequency: **0.26**

Disturbance frequency (herb layer): **1.52**

Disturbance severity: **0.7**

Disturbance severity (herb layer): **0.26**

Mowing frequency: **0.02**

Grazing pressure: **0.32**

Soil disturbance: **0.16**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [FA \(QUI\) \*Quercetea ilicis\*](#), [FB \(ROS\) \*Ononido-Rosmarinetea\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [S63 Eastern garrigue](#), [T25 Phoenix theophrasti vegetation](#)

Constant species of EUNIS habitats: [S63 Eastern garrigue](#), [S72 Eastern Mediterranean spiny heath \(phrygana\)](#), [T24 Olea europaea-Ceratonia siliqua forest](#), [T25 Phoenix theophrasti vegetation](#), [T3D Mediterranean Cupressaceae forest](#)

### Broad habitat

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