

# *Asparagus horridus*

## Habitus and growth type

Plant height [m]: **0.75**

Life span: **Perennial**

Life form: **Phanerophyte, Shrub**

Spinescence: **spinescent**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **2.27**

## Flower

Flowering period: **March-May**

## Fruit, seed and dispersal

Seed mass [mg]: **18.49**

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: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **8.5**

Temperature indicator value: **11**

Moisture indicator value: **1.5**

Reaction indicator value: **7.5**

Nutrient indicator value: **2.5**

Salinity indicator value: **1**

### Disturbance indicator values

Disturbance frequency: **0.54**  
Disturbance frequency (herb layer): **1.24**  
Disturbance severity: **0.56**  
Disturbance severity (herb layer): **0.26**  
Mowing frequency: **0.03**  
Grazing pressure: **0.27**  
Soil disturbance: **0.15**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [FA \(QUI\) \*Quercetea ilicis\*](#), [FK \(PEG\) \*Pegano harmalae-Salsoletea vermiculatae\*](#)

### Broad habitat

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