

Asparagus horridus

Habitus and growth type

Plant height [m]: **0.75**

Life span: **Perennial**

Life form: **Phanerophyte, Shrub**

Spinescence: **spinescent**

Leaf

Specific leaf area [mm²/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)**