

# *Lygeum spartum*

## Habitus and growth type

Plant height [m]: **0.25**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **6.87**

## Flower

Flowering period: **February-May**

## Fruit, seed and dispersal

Seed mass [mg]: **71.59**

Dispersal mode: **Anemochory**

Dispersal distance class: **5**

## 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: **Mesotrophic**

Salinity relationship: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **8.5**

Temperature indicator value: **11.5**

Moisture indicator value: **2.5**

Reaction indicator value: **8**

Nutrient indicator value: **5.5**

Salinity indicator value: **1**

### Disturbance indicator values

Disturbance frequency: **1.12**

Disturbance frequency (herb layer): **1.43**  
Disturbance severity: **0.58**  
Disturbance severity (herb layer): **0.52**  
Mowing frequency: **0.29**  
Grazing pressure: **0.41**  
Soil disturbance: **0.21**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [FF \(LYG\) \*Lygeo sparti-Stipetea tenacissimae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R1E Mediterranean tall perennial dry grassland](#), [R61 Mediterranean inland salt steppe](#), [S65 Mediterranean gypsum scrub](#), [S66 Mediterranean halo-nitrophilous scrub](#)

Constant species of EUNIS habitats: [R1E Mediterranean tall perennial dry grassland](#), [R61 Mediterranean inland salt steppe](#), [S65 Mediterranean gypsum scrub](#), [S66 Mediterranean halo-nitrophilous scrub](#)

Dominant species of EUNIS habitats: [R1E Mediterranean tall perennial dry grassland](#), [R61 Mediterranean inland salt steppe](#)

### Broad habitat

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