# *Lygeum spartum*

## Habitus and growth type

Plant height [m]: **0.25**
Life span: **Perennial**
Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [$mm^2$/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**

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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)**

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