

Lygeum spartum

Habitus and growth type

Plant height [m]: **0.25**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/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)**