

Arenaria grandiflora

Habitus and growth type

Plant height [m]: **0.1**

Life span: **Perennial**

Life form: **Chamaephyte, Hemicryptophyte**

Flower

Flowering period: **May-July**

Fruit, seed and dispersal

Seed mass [mg]: **0.55**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **1**

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: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **9**

Moisture indicator value: **1.7**

Reaction indicator value: **7.7**

Nutrient indicator value: **1.7**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.23**

Disturbance frequency (herb layer): **1.55**

Disturbance severity: **0.38**

Disturbance severity (herb layer): **0.34**

Mowing frequency: **0.12**

Grazing pressure: **0.29**

Soil disturbance: **0.13**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: [R1H Iberian oromediterranean basiphilous dry grassland](#)

Constant species of EUNIS habitats: [R1H Iberian oromediterranean basiphilous dry grassland](#)

Broad habitat

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