

Silene sericea

Habitus and growth type

Plant height [m]: **0.29**

Life span: **Annual**

Life form: **Therophyte**

Flower

Flowering period: **April-June**

Fruit, seed and dispersal

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: **Acidic**

Nutrient relationship: **Dystrophic**

Salinity relationship: **Saline**

Ellenberg-type indicator values

Light indicator value: **9**

Temperature indicator value: **10**

Moisture indicator value: **2**

Reaction indicator value: **2**

Nutrient indicator value: **1**

Salinity indicator value: **6**

Disturbance indicator values

Disturbance frequency: **1.18**

Disturbance frequency (herb layer): **1.65**

Disturbance severity: **0.51**

Disturbance severity (herb layer): **0.47**

Mowing frequency: **0.09**

Grazing pressure: **0.21**

Soil disturbance: **0.49**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: [**N16 Mediterranean and Macaronesian coastal dune grassland \(grey dune\)**](#)

Constant species of EUNIS habitats: [**N16 Mediterranean and Macaronesian coastal dune grassland \(grey dune\)**](#)

Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle**