

Silene colorata

Habitus and growth type

Plant height [m]: **0.25**

Life span: **Annual**

Life form: **Therophyte**

Spinescence: **not spinescent**

Leaf

Specific leaf area [mm²/mg]: **11.79**

Flower

Flowering period: **February-July**

Fruit, seed and dispersal

Seed mass [mg]: **0.51**

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

Dispersal distance class: **2**

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**

Ellenberg-type indicator values

Light indicator value: **8.5**

Temperature indicator value: **10**

Moisture indicator value: **3**

Reaction indicator value: **7.5**

Nutrient indicator value: **5.5**

Salinity indicator value: **4**

Disturbance indicator values

Disturbance frequency: **1.06**

Disturbance frequency (herb layer): **1.68**
Disturbance severity: **0.53**
Disturbance severity (herb layer): **0.44**
Mowing frequency: **0.08**
Grazing pressure: **0.2**
Soil disturbance: **0.44**

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, Grassland (non-alpine, non-saline), Oromediterranean scrub, Scrub, Sparsely vegetated (incl. rock and scree)**