Silene colorata

Habitus and growth type

Plant height [m]: **0.25**
Life span: **Annual**
Life form: **Therophyte**
Spinescence: **not spinescent**

Leaf

Specific leaf area [mm^2/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**

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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)**

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