

# *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<sup>2</sup>/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)**