Calystegia soldanella

Habitus and growth type

Plant height [m]: **0.17**
Life span: **Perennial**
Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm^2/mg]: **16.23**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **50.27**
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: **8.8**
Moisture indicator value: **4.5**
Reaction indicator value: **7.3**
Nutrient indicator value: **4.4**
Salinity indicator value: **3**

Disturbance indicator values

Disturbance frequency: **1.97**
Disturbance frequency (herb layer): **2.15**
Disturbance severity: **0.43**

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Disturbance severity (herb layer): **0.42**
Mowing frequency: **0.02**
Grazing pressure: **0.13**
Soil disturbance: **0.72**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **N13 Atlantic and Baltic shifting coastal dune**, **N14 Mediterranean, Macaronesian and Black Sea shifting coastal dune**, **N16 Mediterranean and Macaronesian coastal dune grassland (grey dune)**, **N22 Mediterranean and Black Sea coastal shingle beach**
Constant species of EUNIS habitats: **N13 Atlantic and Baltic shifting coastal dune**, **N14 Mediterranean, Macaronesian and Black Sea shifting coastal dune**, **N16 Mediterranean and Macaronesian coastal dune grassland (grey dune)**, **N22 Mediterranean and Black Sea coastal shingle beach**

Broad habitat

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

Distribution

Continentality: **4**
Continentality amplitude: **4**

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