Cakile maritima

Habitus and growth type

Plant height [m]: **0.25**
Life span: **Annual**
Life form: **Therophyte**

Leaf

Specific leaf area [mm^2/mg]: **17.01**

Flower

Flowering period: **January-December**

Fruit, seed and dispersal

Seed mass [mg]: **21.92**
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: **Mesic**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Eutrophic**

Ellenberg-type indicator values

Light indicator value: **8.8**
Moisture indicator value: **5.7**
Reaction indicator value: **7.7**
Nutrient indicator value: **7.8**
Salinity indicator value: **4.9**

Disturbance indicator values

Disturbance frequency: **1.99**
Disturbance frequency (herb layer): **2.03**
Disturbance severity: **0.56**

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Disturbance severity (herb layer): **0.56**
Mowing frequency: **0.04**
Grazing pressure: **0.12**
Soil disturbance: **0.77**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **N11 Atlantic, Baltic and Arctic sand beach**, **N12 Mediterranean and Black Sea sand beach**, **N14 Mediterranean, Macaronesian and Black Sea shifting coastal dune**
Constant species of EUNIS habitats: **N11 Atlantic, Baltic and Arctic sand beach**, **N12 Mediterranean and Black Sea sand beach**, **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)**, **N21 Atlantic, Baltic and Arctic coastal shingle beach**, **N22 Mediterranean and Black Sea coastal shingle beach**, **U2A Crimean base-rich scree**
Dominant species of EUNIS habitats: **N11 Atlantic, Baltic and Arctic sand beach**, **N12 Mediterranean and Black Sea sand beach**

Broad habitat

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

Distribution

Continentality amplitude: **7**

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