

Cakile maritima

Habitus and growth type

Plant height [m]: **0.25**

Life span: **Annual**

Life form: **Therophyte**

Leaf

Specific leaf area [mm²/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**

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](#)

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**