

Cochlearia danica

Habitus and growth type

Plant height [m]: **0.12**

Life span: **Annual, Biennial or short-lived**

Life form: **Hemicryptophyte, Therophyte**

Leaf

Specific leaf area [mm²/mg]: **24.04**

Fruit, seed and dispersal

Seed mass [mg]: **0.23**

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: **Mesotrophic**

Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **8.7**

Temperature indicator value: **5.3**

Moisture indicator value: **6.3**

Reaction indicator value: **7.3**

Nutrient indicator value: **5**

Salinity indicator value: **4.3**

Disturbance indicator values

Disturbance frequency: **1.63**

Disturbance frequency (herb layer): **1.66**

Disturbance severity: **0.49**

Disturbance severity (herb layer): **0.49**

Mowing frequency: **0.18**

Grazing pressure: **0.32**

Soil disturbance: **0.33**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [JA \(SAG\) *Saginetea maritimae*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [MA222 Atlantic upper saltmarsh](#), [N31 Atlantic and Baltic rocky sea cliff and shore](#), [N34 Atlantic and Baltic soft sea cliff](#)

Constant species of EUNIS habitats: [MA222 Atlantic upper saltmarsh](#), [N31 Atlantic and Baltic rocky sea cliff and shore](#), [N34 Atlantic and Baltic soft sea cliff](#)

Broad habitat

Occurrence in broad habitats: **Coastal saltmarsh, Coastal cliff, Saline vegetation**

Distribution

Continentality: **4**

Continentality amplitude: **4**