Cochlearia officinalis

Habitus and growth type

Plant height [m]: **0.22**
Life span: **Biennial or short-lived, Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **13.46**

Flower

Flowering period: **April-June**

Fruit, seed and dispersal

Seed mass [mg]: **0.56**
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: **Wet**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Eutrophic**

Ellenberg-type indicator values

Light indicator value: **7.6**
Temperature indicator value: **5.8**
Moisture indicator value: **6.7**
Reaction indicator value: **6.4**
Nutrient indicator value: **5.6**
Salinity indicator value: **2.9**

Disturbance indicator values

Disturbance frequency: **1.76**
Disturbance frequency (herb layer): **1.79**

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Disturbance severity: **0.49**
Disturbance severity (herb layer): **0.49**
Mowing frequency: **0.09**
Grazing pressure: **0.43**
Soil disturbance: **0.23**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **QI (BID) *Bidentetea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **MA223 Atlantic upper-mid saltmarsh and saline and brackish reed, rush and sedge bed**, **N31 Atlantic and Baltic rocky sea cliff and shore**

Constant species of EUNIS habitats: **MA223 Atlantic upper-mid saltmarsh and saline and brackish reed, rush and sedge bed**

Broad habitat

Occurrence in broad habitats: **Coastal saltmarsh, Wetland, Grassland (non-alpine, non-saline)**

Distribution

Continentality amplitude: **5**

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