

Mertensia maritima

Habitus and growth type

Plant height [m]: **0.6**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Fruit, seed and dispersal

Seed mass [mg]: **2.85**

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: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **8**

Moisture indicator value: **5**

Reaction indicator value: **7**

Nutrient indicator value: **7**

Salinity indicator value: **3**

Disturbance indicator values

Disturbance frequency: **1.74**

Disturbance frequency (herb layer): **1.74**

Disturbance severity: **0.63**

Disturbance severity (herb layer): **0.63**

Mowing frequency: **0.04**

Grazing pressure: **0.1**

Soil disturbance: **0.77**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [JC \(CAK\) *Cakiletea maritimae*](#)

Broad habitat

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