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**

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Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **JC (CAK) *Cakiletea maritimae***

Broad habitat

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

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