Honckenya peploides

Habitus and growth type

Plant height [m]: **0.13**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **19.04**

Fruit, seed and dispersal

Seed mass [mg]: **5.52**
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**
Salinity relationship: **Saline**

Ellenberg-type indicator values

Light indicator value: **8.8**
Temperature indicator value: **5.3**
Moisture indicator value: **5.8**
Reaction indicator value: **7**
Nutrient indicator value: **6.8**
Salinity indicator value: **4.5**

Disturbance indicator values

Disturbance frequency: **2.01**
Disturbance frequency (herb layer): **2.11**
Disturbance severity: **0.5**
Disturbance severity (herb layer): **0.5**

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Mowing frequency: **0.09**
Grazing pressure: **0.17**
Soil disturbance: **0.71**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **JC (CAK) *Cakiletea maritimae***, **JE (HON) *Honckenyo peploidis-Leymetea arenarii***

EUNIS habitat

Diagnostic species of EUNIS habitats: **N11 Atlantic, Baltic and Arctic sand beach**, **N13 Atlantic and Baltic shifting coastal dune**, **N21 Atlantic, Baltic and Arctic coastal shingle beach**
Constant species of EUNIS habitats: **N11 Atlantic, Baltic and Arctic sand beach**, **N13 Atlantic and Baltic shifting coastal dune**, **N21 Atlantic, Baltic and Arctic coastal shingle beach**
Dominant species of EUNIS habitats: **N11 Atlantic, Baltic and Arctic sand beach**, **N21 Atlantic, Baltic and Arctic coastal shingle beach**

Broad habitat

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

Distribution

Continentality amplitude: **7**

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