Leymus arenarius

Habitus and growth type

Plant height [m]: **0.75**
Life span: **Perennial**
Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm^2/mg]: **7.4**

Fruit, seed and dispersal

Seed mass [mg]: **8.96**
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: **8.6**
Temperature indicator value: **5.1**
Moisture indicator value: **5.4**
Reaction indicator value: **7.2**
Nutrient indicator value: **5.6**
Salinity indicator value: **2**

Disturbance indicator values

Disturbance frequency: **1.84**
Disturbance frequency (herb layer): **2**
Disturbance severity: **0.47**
Disturbance severity (herb layer): **0.46**

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Mowing frequency: **0.09**
Grazing pressure: **0.16**
Soil disturbance: **0.66**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **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: **N13 Atlantic and Baltic shifting coastal dune**

Broad habitat

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

Distribution

Continentality amplitude: **5**

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