Phleum arenarium

Habitus and growth type

Plant height [m]: **0.1**
Life span: **Annual**
Life form: **Therophyte**

Flower

Flowering period: **March-June**

Fruit, seed and dispersal

Seed mass [mg]: **0.21**
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: **Dry**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **8.5**
Temperature indicator value: **6.3**
Moisture indicator value: **3**
Reaction indicator value: **6.3**
Nutrient indicator value: **3**
Salinity indicator value: **1.7**

Disturbance indicator values

Disturbance frequency: **1.43**
Disturbance frequency (herb layer): **1.77**
Disturbance severity: **0.39**
Disturbance severity (herb layer): **0.37**

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Mowing frequency: **0.1**
Grazing pressure: **0.19**
Soil disturbance: **0.5**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CJ (COR) *Koelerio-Corynephoretea canescentis*, FJ (TRA) *Stipo-Trachynietea distachyae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **N15 Atlantic and Baltic coastal dune grassland (grey dune)**
Constant species of EUNIS habitats: **N15 Atlantic and Baltic coastal dune grassland (grey dune)**

Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Grassland (non-alpine, non-saline)**

Distribution

Continentality: **4**
Continentality amplitude: **4**

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