Plantago arenaria

Habitus and growth type

Plant height [m]: **0.25**
Life span: **Annual**
Life form: **Therophyte**

Leaf

Specific leaf area [mm^2/mg]: **16.2**

Flower

Flowering period: **April-July**

Fruit, seed and dispersal

Seed mass [mg]: **1.08**
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 reaction relationship: **Alkaline**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.1**
Moisture indicator value: **3.2**
Reaction indicator value: **6.8**
Nutrient indicator value: **4.2**
Salinity indicator value: **0.3**

Disturbance indicator values

Disturbance frequency: **1.41**
Disturbance frequency (herb layer): **1.98**
Disturbance severity: **0.58**

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Disturbance severity (herb layer): **0.56**
Mowing frequency: **0.5**
Grazing pressure: **0.24**
Soil disturbance: **0.44**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CK (SED) *Sedo-Scleranthetea*, QD (DIG) *Digitario sanguinalis-Eragrostietea minoris***

EUNIS habitat

Diagnostic species of EUNIS habitats: **N17 Black Sea coastal dune grassland (grey dune), R11 Pannonian and Pontic sandy steppe**
Constant species of EUNIS habitats: **R11 Pannonian and Pontic sandy steppe**

Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Grassland (non-alpine, non-saline), Scrub, Sparsely vegetated (incl. rock and scree), Synanthropic**

Distribution

Continentality: **7**
Continentality amplitude: **8**

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