

# ***Polygonum arenarium***

## **Habitus and growth type**

Plant height [m]: **0.09**

Life span: **Annual**

Life form: **Therophyte**

## **Flower**

Flowering period: **April-October**

## **Fruit, seed and dispersal**

Seed mass [mg]: **1.15**

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**

Ellenberg-type indicator values

Light indicator value: **8.3**

Moisture indicator value: **3.8**

Reaction indicator value: **6.9**

Salinity indicator value: **2**

Disturbance indicator values

Disturbance frequency: **1.58**

Disturbance frequency (herb layer): **1.85**

Disturbance severity: **0.55**

Disturbance severity (herb layer): **0.54**

Mowing frequency: **0.31**

Grazing pressure: **0.24**

Soil disturbance: **0.41**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CJ \(COR\) \*Koelerio-Corynephoretea canescentis\*](#), [DB \(FEP\) \*Festuco-Puccinellietea\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [Q63 Periodically exposed saline shore with pioneer or ephemeral vegetation](#), [R11 Pannonian and Pontic sandy steppe](#), [S94 Semi-desert riparian scrub](#)

Constant species of EUNIS habitats: [R11 Pannonian and Pontic sandy steppe](#), [S94 Semi-desert riparian scrub](#)

### Broad habitat

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