Dianthus arenarius

Habitus and growth type

Plant height [m]: **0.16**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Fruit, seed and dispersal

Seed mass [mg]: **0.56**
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: **Slightly acidic to near-neutral**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.5**
Temperature indicator value: **5.6**
Moisture indicator value: **3.1**
Reaction indicator value: **4.5**
Nutrient indicator value: **1.5**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.23**
Disturbance frequency (herb layer): **1.53**
Disturbance severity: **0.6**
Disturbance severity (herb layer): **0.17**
Mowing frequency: **0.09**
Grazing pressure: **0.22**
Soil disturbance: **0.25**

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Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **R11 Pannonian and Pontic sandy steppe**

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Forest**

Distribution

Continentality: **6**
Continentality amplitude: **3**

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