Helichrysum arenarium

Habitus and growth type

Plant height [m]: **0.23**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **19.11**

Fruit, seed and dispersal

Seed mass [mg]: **0.05**
Dispersal mode: **Anemochory**
Dispersal distance class: **5**

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: **Slightly acidic to near-neutral**
Nutrient relationship: **Dystrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.1**
Temperature indicator value: **6.3**
Moisture indicator value: **2.6**
Reaction indicator value: **6**
Nutrient indicator value: **1.3**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.35**
Disturbance frequency (herb layer): **1.88**
Disturbance severity: **0.42**
Disturbance severity (herb layer): **0.4**

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Mowing frequency: **0.57**
Grazing pressure: **0.32**
Soil disturbance: **0.31**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **BD (PYR) *Pyrolo-Pinetea sylvestris***, **CJ (COR) *Koelerio-Corynephoretea canescentis***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R11 Pannonian and Pontic sandy steppe**, **R15 Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops**, **R1P Oceanic to subcontinental inland sand grassland on dry acid and neutral soils**
Constant species of EUNIS habitats: **R11 Pannonian and Pontic sandy steppe**, **R15 Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops**, **R1P Oceanic to subcontinental inland sand grassland on dry acid and neutral soils**

Broad habitat

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

Distribution

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

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