Holosteum umbellatum

Habitus and growth type

Plant height [m]: **0.13**
Life span: **Annual**
Life form: **Therophyte**

Leaf

Specific leaf area [mm^2/mg]: **34.29**

Flower

Flowering period: **March-May**

Fruit, seed and dispersal

Seed mass [mg]: **0.15**
Dispersal mode: **Epizoochory**
Dispersal distance class: **6**

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: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.3**
Moisture indicator value: **3.2**
Reaction indicator value: **7**
Nutrient indicator value: **2.9**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.63**
Disturbance frequency (herb layer): **1.99**

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Disturbance severity: **0.6**
Disturbance severity (herb layer): **0.59**
Mowing frequency: **0.37**
Grazing pressure: **0.31**
Soil disturbance: **0.43**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **R13 Cryptogam- and annual-dominated vegetation on calcareous and ultramafic rock outcrops**, **R1C Desert steppe**, **S67 Aralo-Caspian semi-desert**
Constant species of EUNIS habitats: **R13 Cryptogam- and annual-dominated vegetation on calcareous and ultramafic rock outcrops**, **R1C Desert steppe**, **S67 Aralo-Caspian semi-desert**

Broad habitat

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

Distribution

Continentality: **6**
Continentality amplitude: **5**

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