

Holosteum umbellatum

Habitus and growth type

Plant height [m]: **0.13**

Life span: **Annual**

Life form: **Therophyte**

Leaf

Specific leaf area [mm²/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**

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: [S67 Aralo-Caspian semi-desert](#)

Constant species of EUNIS habitats: [R13 Cryptogam- and annual-dominated vegetation on calcareous and ultramafic rock outcrops](#), [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**