

# *Euphorbia esula*

## Habitus and growth type

Plant height [m]: **0.58**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **40.14**

## Flower

Flowering period: **April-August**

## Fruit, seed and dispersal

Seed mass [mg]: **3.62**

Dispersal mode: **Myrmecochory**

Dispersal distance class: **3**

## 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: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.9**

Moisture indicator value: **4.5**

Salinity indicator value: **0.2**

### Disturbance indicator values

Disturbance frequency: **1.31**

Disturbance frequency (herb layer): **1.84**

Disturbance severity: **0.6**

Disturbance severity (herb layer): **0.57**

Mowing frequency: **0.82**

Grazing pressure: **0.2**

Soil disturbance: **0.26**

## **Habitat and sociology**

EUNIS habitat

Diagnostic species of EUNIS habitats: [R65 Continental subsaline alluvial pasture and meadow](#), [S68 Semi-desert sand dune with sparse scrub](#)

Constant species of EUNIS habitats: [R65 Continental subsaline alluvial pasture and meadow](#), [S68 Semi-desert sand dune with sparse scrub](#)

Broad habitat

Occurrence in broad habitats: **Aquatic, Wetland, Grassland (non-alpine, non-saline), Saline vegetation, Semi-desert, Scrub, Sparsely vegetated (incl. rock and scree), Synanthropic**

## **Distribution**

Continentality: **6**

Continentality amplitude: **5**