

# *Euphorbia palustris*

## Habitus and growth type

Plant height [m]: **0.91**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **20.38**

## Flower

Flowering period: **March-June**

## Fruit, seed and dispersal

Seed mass [mg]: **9.45**

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: **Wet**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **7.6**

Temperature indicator value: **6**

Moisture indicator value: **7.9**

Reaction indicator value: **7.3**

Nutrient indicator value: **5.8**

Salinity indicator value: **0.5**

### Disturbance indicator values

Disturbance frequency: **0.76**

Disturbance frequency (herb layer): **1.69**  
Disturbance severity: **0.51**  
Disturbance severity (herb layer): **0.42**  
Mowing frequency: **0.46**  
Grazing pressure: **0.18**  
Soil disturbance: **0.14**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CM \(MOL\) \*Molinio-Arrhenatheretea\*](#),  
[HA \(POP\) \*Alno glutinosae-Populetea albae\*](#), [OD \(PHR\) \*Phragmito-Magnocaricetea\*](#)

### Broad habitat

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

## Distribution

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