

Euphorbia serrata

Habitus and growth type

Plant height [m]: **0.34**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

Spinescence: **not spinescent**

Leaf

Specific leaf area [mm²/mg]: **10.58**

Flower

Flowering period: **February-May**

Fruit, seed and dispersal

Seed mass [mg]: **7.6**

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: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **7.8**

Moisture indicator value: **3.3**

Reaction indicator value: **7.3**

Nutrient indicator value: **3.7**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.76**
Disturbance frequency (herb layer): **1.68**
Disturbance severity: **0.72**
Disturbance severity (herb layer): **0.57**
Mowing frequency: **0.47**
Grazing pressure: **0.29**
Soil disturbance: **0.32**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [QC \(CHE\) *Chenopodietea*](#)

Broad habitat

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