Euphorbia helioscopia

Habitus and growth type

Plant height [m]: **0.22**
Life span: **Annual**
Life form: **Therophyte**

Leaf

Specific leaf area [mm^2/mg]: **32.8**

Flower

Flowering period: **January-December**

Fruit, seed and dispersal

Seed mass [mg]: **2.26**
Dispersal mode: **Myrmecochory, Anthropochory**
Dispersal distance class: **3, 7**

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: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.4**
Moisture indicator value: **4.2**
Reaction indicator value: **6.7**
Nutrient indicator value: **6.9**
Salinity indicator value: **0.1**

Disturbance indicator values

Disturbance frequency: **1.78**
Disturbance frequency (herb layer): **2.05**

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Disturbance severity: **0.85**
Disturbance severity (herb layer): **0.85**
Mowing frequency: **0.45**
Grazing pressure: **0.15**
Soil disturbance: **0.78**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **QA (PAR) *Papaveretea rhoeadis***

EUNIS habitat

Diagnostic species of EUNIS habitats: **V11 Intensive unmixed crops**, **V12 Mixed crops of market gardens and horticulture**, **V13 Arable land with unmixed crops grown by low-intensity agricultural methods**, **V15 Bare tilled, fallow or recently abandoned arable land**
Constant species of EUNIS habitats: **V11 Intensive unmixed crops**, **V12 Mixed crops of market gardens and horticulture**, **V13 Arable land with unmixed crops grown by low-intensity agricultural methods**, **V15 Bare tilled, fallow or recently abandoned arable land**

Broad habitat

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

Distribution

Continentality amplitude: **6**

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