Carthamus lanatus

Habitus and growth type

Plant height [m]: **0.43**
Life span: **Annual**
Life form: **Therophyte**

Leaf

Specific leaf area [mm^2/mg]: **9.02**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **11.9**
Dispersal mode: **Anemochory**
Dispersal distance class: **5**

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

Ellenberg-type indicator values

Light indicator value: **8.5**
Temperature indicator value: **8.1**
Moisture indicator value: **3.5**
Reaction indicator value: **7**
Nutrient indicator value: **5.7**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.43**

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Disturbance frequency (herb layer): **1.86**
Disturbance severity: **0.72**
Disturbance severity (herb layer): **0.69**
Mowing frequency: **0.53**
Grazing pressure: **0.3**
Soil disturbance: **0.34**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **V33 Dry Mediterranean land with unpalatable non-vernal herbaceous vegetation**
Constant species of EUNIS habitats: **V33 Dry Mediterranean land with unpalatable non-vernal herbaceous vegetation**

Broad habitat

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

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