Carthamus mitissimus

Habitus and growth type

Life span: **Perennial**
Life form: **Hemicryptophyte**

Fruit, seed and dispersal

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: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8**
Temperature indicator value: **6.5**
Moisture indicator value: **2**
Reaction indicator value: **7.5**
Nutrient indicator value: **2**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.6**
Disturbance frequency (herb layer): **1.95**
Disturbance severity: **0.5**
Disturbance severity (herb layer): **0.48**
Mowing frequency: **0.87**
Grazing pressure: **0.38**
Soil disturbance: **0.18**

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Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **DA (FES) *Festuco-Brometea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R18 Perennial rocky calcareous grassland of subatlantic-submediterranean Europe**, **R1H Iberian oromediterranean basiphilous dry grassland**

Broad habitat

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

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