Carthamus carduncellus

Habitus and growth type

Plant height [m]: **0.14**
Life span: **Perennial**
Life form: **Hemicryptophyte**
Spinescence: **spinescent**

Flower

Flowering period: **April-July**

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: **8.7**
Temperature indicator value: **7.5**
Moisture indicator value: **2.7**
Reaction indicator value: **6.7**
Nutrient indicator value: **2.3**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.97**
Disturbance frequency (herb layer): **1.76**
Disturbance severity: **0.54**
Disturbance severity (herb layer): **0.39**

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Mowing frequency: **0.38**
Grazing pressure: **0.41**
Soil disturbance: **0.2**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **FP (ONO) *Festuco hystricis-Ononidetea striatae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R1H Iberian oromediterranean basiphilous dry grassland**, **S73 Western Mediterranean mountain hedgehog-heath**

Constant species of EUNIS habitats: **S73 Western Mediterranean mountain hedgehog-heath**

Broad habitat

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

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