

Carthamus dentatus

Habitus and growth type

Plant height [m]: **0.43**

Life span: **Annual**

Life form: **Therophyte**

Flower

Flowering period: **May-August**

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: **Mesic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **11**

Moisture indicator value: **5**

Reaction indicator value: **8**

Nutrient indicator value: **7**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.79**

Disturbance frequency (herb layer): **2.15**

Disturbance severity: **0.8**

Disturbance severity (herb layer): **0.75**

Mowing frequency: **0.67**

Grazing pressure: **0.26**

Soil disturbance: **0.4**

Habitat and sociology

Broad habitat

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