Carduus crispus

Habitus and growth type

Plant height [m]: **1.08**
Life span: **Biennial or short-lived**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **23.6**

Flower

Flowering period: **June-August**

Fruit, seed and dispersal

Seed mass [mg]: **1.6**
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**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Hypertrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7**
Temperature indicator value: **5.6**
Moisture indicator value: **5.9**
Reaction indicator value: **6.8**
Nutrient indicator value: **8.6**
Salinity indicator value: **0.1**

Disturbance indicator values

Disturbance frequency: **0.79**

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Disturbance frequency (herb layer): **1.45**
Disturbance severity: **0.62**
Disturbance severity (herb layer): **0.52**
Mowing frequency: **0.49**
Grazing pressure: **0.18**
Soil disturbance: **0.25**

Habitat and sociology

Broad habitat

Occurrence in broad habitats: **Wetland, Scrub, Sparsely vegetated (incl. rock and scree), Synanthropic**

Distribution

Continentality amplitude: **7**

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