Carduus acicularis

Habitus and growth type

Plant height [m]: **0.47**
Life span: **Annual**
Life form: **Therophyte**

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

Ellenberg-type indicator values

Light indicator value: **8**
Temperature indicator value: **8**
Moisture indicator value: **2.5**
Reaction indicator value: **7**
Nutrient indicator value: **6.5**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.89**
Disturbance frequency (herb layer): **1.96**
Disturbance severity: **0.68**
Disturbance severity (herb layer): **0.6**
Mowing frequency: **0.62**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz

Grazing pressure: **0.29**
Soil disturbance: **0.34**

Habitat and sociology

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Sparsely vegetated (incl. rock and scree)**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz