

# *Cirsium acaulon*

## Habitus and growth type

Plant height [m]: **0.18**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **13.14**

## Flower

Flowering period: **April-August**

## Fruit, seed and dispersal

Seed mass [mg]: **5.34**

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: **8.6**

Temperature indicator value: **5**

Moisture indicator value: **3.2**

Reaction indicator value: **8**

Nutrient indicator value: **2.6**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.26**

Disturbance frequency (herb layer): **1.87**  
Disturbance severity: **0.5**  
Disturbance severity (herb layer): **0.46**  
Mowing frequency: **0.82**  
Grazing pressure: **0.3**  
Soil disturbance: **0.14**

### **Habitat and sociology**

EUNIS habitat

Diagnostic species of EUNIS habitats: [R1A Semi-dry perennial calcareous grassland \(meadow steppe\)](#)

Constant species of EUNIS habitats: [R1A Semi-dry perennial calcareous grassland \(meadow steppe\)](#)

Broad habitat

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

### **Distribution**

Continentality: **5**

Continentality amplitude: **3**