# *Cirsium spathulatum*

### Habitus and growth type

Plant height [m]: **1.15**
Life span: **Biennial or short-lived**
Life form: **Hemicryptophyte**

### Leaf

Specific leaf area [$mm^2$/mg]: **13.35**

### Flower

Flowering period: **May-September**

### Fruit, seed and dispersal

Seed mass [mg]: **7.58**
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: **Mesotrophic**
Salinity relationship: **Non-saline**

#### Ellenberg-type indicator values

Light indicator value: **8.4**
Temperature indicator value: **6**
Moisture indicator value: **3.6**
Reaction indicator value: **8.3**
Nutrient indicator value: **5.1**
Salinity indicator value: **0**

#### Disturbance indicator values

Disturbance frequency: **1.11**

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

Disturbance frequency (herb layer): **1.83**
Disturbance severity: **0.51**
Disturbance severity (herb layer): **0.46**
Mowing frequency: **0.66**
Grazing pressure: **0.28**
Soil disturbance: **0.23**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: **QF (ART) *Artemisietea vulgaris***

### Broad habitat

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

## Distribution

Continentality: **5**
Continentality amplitude: **3**

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