

# *Cirsium vulgare*

## Habitus and growth type

Plant height [m]: **0.91**

Life span: **Biennial or short-lived**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **15.6**

## Flower

Flowering period: **May-October**

## Fruit, seed and dispersal

Seed mass [mg]: **2.85**

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: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.7**

Reaction indicator value: **6.7**

Nutrient indicator value: **7.2**

Salinity indicator value: **0.1**

### Disturbance indicator values

Disturbance frequency: **1.12**

Disturbance frequency (herb layer): **1.74**

Disturbance severity: **0.57**

Disturbance severity (herb layer): **0.52**

Mowing frequency: **0.64**

Grazing pressure: **0.32**

Soil disturbance: **0.33**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [QF \(ART\) Artemisietea vulgaris](#)

### EUNIS habitat

Constant species of EUNIS habitats: [N1A Atlantic and Baltic coastal dune scrub](#),  
[N34 Atlantic and Baltic soft sea cliff](#)

### Broad habitat

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

## **Distribution**

Continentality amplitude: 7