

# *Cirsium oleraceum*

## Habitus and growth type

Plant height [m]: **0.94**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **31.5**

## Flower

Flowering period: **May-September**

## Fruit, seed and dispersal

Seed mass [mg]: **2.53**

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: **Wet**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **5.9**

Temperature indicator value: **4.8**

Moisture indicator value: **7.2**

Reaction indicator value: **7.3**

Nutrient indicator value: **5.5**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.58**

Disturbance frequency (herb layer): **1.5**  
Disturbance severity: **0.58**  
Disturbance severity (herb layer): **0.43**  
Mowing frequency: **0.37**  
Grazing pressure: **0.17**  
Soil disturbance: **0.15**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CM \(MOL\) \*Molinio-Arrhenatheretea\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R35 Moist or wet mesotrophic to eutrophic hay meadow](#), [R55 Lowland moist or wet tall-herb and fern fringe](#), [T12 \*Alnus glutinosa\*-\*Alnus incana\* forest on riparian and mineral soils](#)

Constant species of EUNIS habitats: [R35 Moist or wet mesotrophic to eutrophic hay meadow](#), [R55 Lowland moist or wet tall-herb and fern fringe](#), [T12 \*Alnus glutinosa\*-\*Alnus incana\* forest on riparian and mineral soils](#)

### Broad habitat

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

## Distribution

Continentality: **5**  
Continentality amplitude: **4**