Cirsium oleraceum

Habitus and growth type

Plant height [m]: **0.94**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/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**

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

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**

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