Cirsium tuberosum

Habitus and growth type

Plant height [m]: **0.54**
Life span: **Perennial**
Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm^2/mg]: **11.7**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **2.99**
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: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.5**
Temperature indicator value: **5.8**
Reaction indicator value: **7.8**
Nutrient indicator value: **2.7**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.71**
Disturbance frequency (herb layer): **1.74**

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Disturbance severity: **0.52**
Disturbance severity (herb layer): **0.39**
Mowing frequency: **0.59**
Grazing pressure: **0.26**
Soil disturbance: **0.16**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CM (MOL) *Molinio-Arrhenatheretea***

Broad habitat

Occurrence in broad habitats: **Aquatic, Spring, Wetland, Grassland (non-alpine, non-saline)**

Distribution

Continentality: **4**
Continentality amplitude: **2**

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