Cirsium bourgaeanum

Habitus and growth type

Plant height [m]: **1.2**
Life span: **Biennial or short-lived**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **18.12**

Fruit, seed and dispersal

Seed mass [mg]: **1.6**
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: **Acidic**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.3**
Temperature indicator value: **4.9**
Moisture indicator value: **8.1**
Reaction indicator value: **4**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.02**
Disturbance frequency (herb layer): **1.68**
Disturbance severity: **0.49**
Disturbance severity (herb layer): **0.43**
Mowing frequency: **0.62**

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Grazing pressure: **0.23**
Soil disturbance: **0.18**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CM (MOL) *Molinio-Arrhenatheretea*, IA (ALN) *Alnetea glutinosae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **Q42 Extremely rich moss-sedge fen, R35 Moist or wet mesotrophic to eutrophic hay meadow, R37 Temperate and boreal moist or wet oligotrophic grassland**

Constant species of EUNIS habitats: **Q22 Poor fen, Q24 Intermediate fen and soft-water spring mire, Q41 Alkaline, calcareous, carbonate-rich small-sedge spring fen, Q42 Extremely rich moss-sedge fen, Q43 Tall-sedge base-rich fen, Q46 Carpathian travertine fen with halophytes, R35 Moist or wet mesotrophic to eutrophic hay meadow, R37 Temperate and boreal moist or wet oligotrophic grassland, S92 Salix fen scrub, T12 Alnus glutinosa-Alnus incana forest on riparian and mineral soils, T15 Broadleaved swamp forest on non-acid peat**

Broad habitat

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

Distribution

Continentality amplitude: **5**

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