Cirsium rivulare

Habitus and growth type

Plant height [m]: **0.55**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Fruit, seed and dispersal

Seed mass [mg]: **2.4**
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: **8.4**
Temperature indicator value: **4.4**
Moisture indicator value: **7.5**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.36**
Disturbance frequency (herb layer): **1.79**
Disturbance severity: **0.52**
Disturbance severity (herb layer): **0.5**
Mowing frequency: **1**
Grazing pressure: **0.18**
Soil disturbance: **0.14**

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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**

Constant species of EUNIS habitats: **R35 Moist or wet mesotrophic to eutrophic hay meadow**

Broad habitat

Occurrence in broad habitats: **Mire, Grassland (non-alpine, non-saline)**

Distribution

Continentality: **5**

Continentality amplitude: **3**

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