Chaerophyllum hirsutum

Habitus and growth type

Plant height [m]: **0.73**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **27.25**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **4.7**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **2**

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: **Slightly acidic to near-neutral**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6.6**
Temperature indicator value: **3.9**
Moisture indicator value: **8.3**
Reaction indicator value: **6.5**
Nutrient indicator value: **7**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.42**

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Disturbance frequency (herb layer): **1.33**
Disturbance severity: **0.57**
Disturbance severity (herb layer): **0.35**
Mowing frequency: **0.2**
Grazing pressure: **0.17**
Soil disturbance: **0.12**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CM (MOL) *Molinio-Arrhenatheretea*, CS (MUL) *Mulgedio-Aconitetea*, HA (POP) *Alno glutinosae-Populetea albae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **P2N Spring, R56 Montane to subalpine moist or wet tall-herb and fern fringe, S25 Subalpine and subarctic deciduous scrub, T12 Alnus glutinosa-Alnus incana forest on riparian and mineral soils**
Constant species of EUNIS habitats: **P2N Spring, R23 Mountain hay meadow, R55 Lowland moist or wet tall-herb and fern fringe, R56 Montane to subalpine moist or wet tall-herb and fern fringe, S25 Subalpine and subarctic deciduous scrub, T12 Alnus glutinosa-Alnus incana forest on riparian and mineral soils**

Broad habitat

Occurrence in broad habitats: **Spring, Wetland, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Scrub, Forest, Sparsely vegetated (incl. rock and scree)**

Distribution

Continentality: **5**
Continentality amplitude: **3**

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