Equisetum arvense

Habitus and growth type

Plant height [m]: **0.39**
Life span: **Perennial**
Life form: **Geophyte**

Leaf

Specific leaf area [mm^2/mg]: **10.73**

Flower

Flowering period: **February-May**

Fruit, seed and dispersal

Dispersal mode: **Anemochory, Anthropochory**
Dispersal distance class: **5, 7**

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

Ellenberg-type indicator values

Light indicator value: **6.7**
Reaction indicator value: **5.8**
Nutrient indicator value: **4.4**
Salinity indicator value: **0.1**

Disturbance indicator values

Disturbance frequency: **0.96**
Disturbance frequency (herb layer): **1.75**
Disturbance severity: **0.62**
Disturbance severity (herb layer): **0.56**

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Mowing frequency: **0.48**
Grazing pressure: **0.18**
Soil disturbance: **0.38**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **OA (MON) *Montio-Cardaminetea*, QB (SIS) *Sisymbrietea*, QF (ART) *Artemisietea vulgaris*, QH (ARC) *Matricario-Poetea arcticae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **V11 Intensive unmixed crops, V12 Mixed crops of market gardens and horticulture, V13 Arable land with unmixed crops grown by low-intensity agricultural methods**

Constant species of EUNIS habitats: **Q45 Arctic-alpine rich fen, R22 Low and medium altitude hay meadow, S91 Temperate riparian scrub, T11 Temperate Salix and Populus riparian forest, T12 Alnus glutinosa-Alnus incana forest on riparian and mineral soils, U25 Boreal and Arctic base-rich scree and block field, U35 Boreal and Arctic base-rich inland cliff, U71 Unvegetated or sparsely vegetated gravel bar in montane and alpine regions, V11 Intensive unmixed crops, V12 Mixed crops of market gardens and horticulture, V13 Arable land with unmixed crops grown by low-intensity agricultural methods, V15 Bare tilled, fallow or recently abandoned arable land**

Broad habitat

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

Distribution

Continentality amplitude: **9**

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