

# *Equisetum arvense*

## Habitus and growth type

Plant height [m]: **0.39**

Life span: **Perennial**

Life form: **Geophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/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**

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: [R1S Heavy-metal grassland in Western and Central Europe](#), [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](#), [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**