Eupatorium

Habitus and growth type

Plant height [m]: **0.95**
Life span: **Perennial**
Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm^2/mg]: **29.14**

Flower

Flowering period: **June-September**

Fruit, seed and dispersal

Seed mass [mg]: **0.31**
Dispersal mode: **Myrmecochory**
Dispersal distance class: **3**

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: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.1**
Moisture indicator value: **7.3**
Reaction indicator value: **6.6**
Nutrient indicator value: **7**
Salinity indicator value: **0.2**

Disturbance indicator values

Disturbance frequency: **0.54**
Disturbance frequency (herb layer): **1.4**

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Disturbance severity: **0.52**
Disturbance severity (herb layer): **0.35**
Mowing frequency: **0.28**
Grazing pressure: **0.17**
Soil disturbance: **0.13**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **IA (ALN) *Alnetea glutinosae***, **QG (EPI) *Epilobietea angustifolii***

EUNIS habitat

Constant species of EUNIS habitats: **Q43 Tall-sedge base-rich fen**, **R55 Lowland moist or wet tall-herb and fern fringe**, **S38 Temperate forest clearing scrub**, **S91 Temperate riparian 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, Wetland, Mire, Grassland (non-alpine, non-saline), Scrub, Forest, Sparsely vegetated (incl. rock and scree), Synanthropic**

Distribution

Continentality amplitude: **6**

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