Petasites hybridus

Habitus and growth type

Plant height [m]: **0.51**
Life span: **Perennial**
Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm^2/mg]: **22.04**

Flower

Flowering period: **February-May**

Fruit, seed and dispersal

Seed mass [mg]: **0.21**
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: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6.9**
Temperature indicator value: **5**
Moisture indicator value: **7.6**
Reaction indicator value: **7.2**
Nutrient indicator value: **7.8**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.61**

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Disturbance frequency (herb layer): **1.23**
Disturbance severity: **0.57**
Disturbance severity (herb layer): **0.43**
Mowing frequency: **0.31**
Grazing pressure: **0.15**
Soil disturbance: **0.13**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **QG (EPI) *Epilobietea angustifolii***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R55 Lowland moist or wet tall-herb and fern fringe**, **U71 Unvegetated or sparsely vegetated gravel bar in montane and alpine regions**
Constant species of EUNIS habitats: **U71 Unvegetated or sparsely vegetated gravel bar in montane and alpine regions**
Dominant species of EUNIS habitats: **R55 Lowland moist or wet tall-herb and fern fringe**

Broad habitat

Occurrence in broad habitats: **Wetland, Scrub, Forest, Sparsely vegetated (incl. rock and scree), Synanthropic**

Distribution

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

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