Petasites albus

Habitus and growth type

Plant height [m]: **0.46**
Life span: **Perennial**
Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm^2/mg]: **26.77**

Flower

Flowering period: **March-May**

Fruit, seed and dispersal

Seed mass [mg]: **0.27**
Dispersal mode: **Anemochory**
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: **Mesic**
Substrate reaction relationship: **Slightly acidic to near-neutral**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **4.6**
Temperature indicator value: **4.2**
Moisture indicator value: **6.3**
Reaction indicator value: **6**
Nutrient indicator value: **5.6**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.12**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz

Disturbance frequency (herb layer): **1.29**
Disturbance severity: **0.65**
Disturbance severity (herb layer): **0.2**
Mowing frequency: **0.05**
Grazing pressure: **0.17**
Soil disturbance: **0.1**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CS (MUL) *Mulgedio-Aconitetea*, QG (EPI) *Epilobietea angustifolii***

EUNIS habitat

Diagnostic species of EUNIS habitats: **T1F Ravine forest, T31 Temperate mountain Picea forest, T32 Temperate mountain Abies forest**
Constant species of EUNIS habitats: **T1F Ravine forest, T31 Temperate mountain Picea forest, T32 Temperate mountain Abies forest**

Broad habitat

Occurrence in broad habitats: **Spring, Wetland, Alpine-subalpine and arctic grassland, Scrub, Forest, Synanthropic**

Distribution

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

© 2014-2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz