

# *Petasites paradoxus*

## Habitus and growth type

Plant height [m]: **0.39**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

## Flower

Flowering period: **February-May**

## Fruit, seed and dispersal

Seed mass [mg]: **0.48**

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: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **3.3**

Moisture indicator value: **6.3**

Reaction indicator value: **8**

Nutrient indicator value: **3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.5**

Disturbance frequency (herb layer): **1.14**

Disturbance severity: **0.52**

Disturbance severity (herb layer): **0.33**

Mowing frequency: **0.08**

Grazing pressure: **0.2**

Soil disturbance: **0.16**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [KE \(THL\) \*Thlaspietea rotundifolii\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [U71 Unvegetated or sparsely vegetated gravel bar in montane and alpine regions](#)

### Broad habitat

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

## Distribution

Continentality: **4**

Continentality amplitude: **2**