

# *Pulsatilla patens*

## Habitus and growth type

Plant height [m]: **0.24**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Fruit, seed and dispersal

Seed mass [mg]: **2.29**

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: **Dry**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7**

Temperature indicator value: **6**

Moisture indicator value: **3.3**

Reaction indicator value: **6**

Nutrient indicator value: **2**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.33**

Disturbance frequency (herb layer): **1.66**

Disturbance severity: **0.61**

Disturbance severity (herb layer): **0.26**

Mowing frequency: **0.2**

Grazing pressure: **0.28**

Soil disturbance: **0.17**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [BC \(BRA\) \*Brachypodio pinnati-Betuletea pendulae\*](#), [BD \(PYR\) \*Pyrolo-Pinetea sylvestris\*](#), [CN \(SAB\) \*Junipero-Pinetea sylvestris\*](#), [DA \(FES\) \*Festuco-Brometea\*](#)

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Forest**

## Distribution

Continentality: **8**

Continentality amplitude: **4**