

# ***Ranunculus polyanthemus***

## **Habitus and growth type**

Plant height [m]: **0.45**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## **Leaf**

Specific leaf area [mm<sup>2</sup>/mg]: **22.03**

## **Flower**

Flowering period: **April-August**

## **Fruit, seed and dispersal**

Seed mass [mg]: **2.17**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **2**

## **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: **Mesotrophic**

Salinity relationship: **Non-saline**

### **Ellenberg-type indicator values**

Temperature indicator value: **5.2**

Salinity indicator value: **0**

### **Disturbance indicator values**

Disturbance frequency: **0.44**

Disturbance frequency (herb layer): **1.56**

Disturbance severity: **0.56**

Disturbance severity (herb layer): **0.34**

Mowing frequency: **0.36**

Grazing pressure: **0.22**

Soil disturbance: **0.17**

## Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: [R23 Mountain hay meadow](#)

Constant species of EUNIS habitats: [R23 Mountain hay meadow](#)

Broad habitat

Occurrence in broad habitats: **Aquatic, Spring, Wetland, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Forest, Sparsely vegetated (incl. rock and scree)**

## Distribution

Continentality: **6**

Continentality amplitude: **5**