

# *Ranunculus gracilis*

## Habitus and growth type

Plant height [m]: **0.29**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Flower

Flowering period: **March-April**

## Fruit, seed and dispersal

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

Dispersal distance class: **1**

## 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

Light indicator value: **7.5**

Temperature indicator value: **8**

Moisture indicator value: **6**

Reaction indicator value: **6**

Nutrient indicator value: **4.5**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.32**

Disturbance frequency (herb layer): **1.54**

Disturbance severity: **0.63**

Disturbance severity (herb layer): **0.38**

Mowing frequency: **0.09**

Grazing pressure: **0.29**

Soil disturbance: **0.23**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [CM \(MOL\) \*Molinio-Arrhenatheretea\*](#)

### Broad habitat

Occurrence in broad habitats: **Aquatic, Wetland, Grassland (non-alpine, non-saline),  
Sparsely vegetated (incl. rock and scree)**