

# *Ranunculus flammula*

## Habitus and growth type

Plant height [m]: **0.25**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **17.18**

## Flower

Flowering period: **May-July**

## Fruit, seed and dispersal

Seed mass [mg]: **0.41**

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: **Wet**

Substrate reaction relationship: **Acidic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.3**

Temperature indicator value: **5**

Moisture indicator value: **9.2**

Reaction indicator value: **3.8**

Nutrient indicator value: **2.1**

Salinity indicator value: **0.4**

### Disturbance indicator values

Disturbance frequency: **1.42**

Disturbance frequency (herb layer): **1.8**  
Disturbance severity: **0.41**  
Disturbance severity (herb layer): **0.4**  
Mowing frequency: **0.41**  
Grazing pressure: **0.27**  
Soil disturbance: **0.15**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CM \(MOL\) \*Molinio-Arrhenatheretea\*](#), [OB \(LIT\) \*Littorelletea uniflorae\*](#), [PA \(SCH\) \*Scheuchzerio palustris-Caricetea fuscae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [N1H Atlantic and Baltic moist and wet dune slack](#), [P3f Oligotrophic-water vegetation](#), [Q24 Intermediate fen and soft-water spring mire](#), [R35 Moist or wet mesotrophic to eutrophic hay meadow](#)

Constant species of EUNIS habitats: [N1H Atlantic and Baltic moist and wet dune slack](#), [P3f Oligotrophic-water vegetation](#), [Q24 Intermediate fen and soft-water spring mire](#), [Q52 Small-helophyte bed](#), [R35 Moist or wet mesotrophic to eutrophic hay meadow](#), [R36 Moist or wet mesotrophic to eutrophic pasture](#), [R37 Temperate and boreal moist or wet oligotrophic grassland](#)

### Broad habitat

Occurrence in broad habitats: **Aquatic, Spring, Wetland, Mire, Grassland (non-alpine, non-saline), Forest**

## Distribution

Continentality amplitude: **5**