Ranunculus flammula

Habitus and growth type

Plant height [m]: **0.25**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/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**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz

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**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz