

Montia fontana

Habitus and growth type

Plant height [m]: **0.11**

Life span: **Annual, Perennial**

Life form: **Hemicryptophyte, Therophyte**

Leaf

Specific leaf area [mm²/mg]: **55.85**

Flower

Flowering period: **March-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.3**

Dispersal mode: **Myrmecochory**

Dispersal distance class: **3**

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: **Mesotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8**

Moisture indicator value: **8.6**

Reaction indicator value: **4**

Nutrient indicator value: **3.3**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.6**

Disturbance frequency (herb layer): **1.62**

Disturbance severity: **0.31**

Disturbance severity (herb layer): **0.3**

Mowing frequency: **0.14**

Grazing pressure: **0.17**

Soil disturbance: **0.21**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: [P2N Spring](#)

Broad habitat

Occurrence in broad habitats: **Spring, Wetland**