Rumex alpinus

Habitus and growth type

Plant height [m]: **0.7**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **20.09**

Flower

Flowering period: **June-August**

Fruit, seed and dispersal

Seed mass [mg]: **1.36**
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: **Alkaline**
Nutrient relationship: **Hypertrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.7**
Temperature indicator value: **3.3**
Moisture indicator value: **6.1**
Reaction indicator value: **6.8**
Nutrient indicator value: **8.8**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.92**

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

Disturbance frequency (herb layer): **1.34**
Disturbance severity: **0.37**
Disturbance severity (herb layer): **0.31**
Mowing frequency: **0.12**
Grazing pressure: **0.2**
Soil disturbance: **0.14**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CS (MUL) *Mulgedio-Aconitetea*, QF (ART) *Artemisietea vulgaris***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R56 Montane to subalpine moist or wet tall-herb and fern fringe**
Constant species of EUNIS habitats: **R56 Montane to subalpine moist or wet tall-herb and fern fringe**
Dominant species of EUNIS habitats: **R56 Montane to subalpine moist or wet tall-herb and fern fringe**

Broad habitat

Occurrence in broad habitats: **Wetland, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Scrub, Synanthropic**

Distribution

Continentality: **4**
Continentality amplitude: **4**

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