Rumex acetosa

Habitus and growth type

Plant height [m]: **0.64**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **23.76**

Flower

Flowering period: **April-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.91**
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: **Slightly acidic to near-neutral**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.8**
Temperature indicator value: **5.1**
Salinity indicator value: **0.2**

Disturbance indicator values

Disturbance frequency: **1.43**
Disturbance frequency (herb layer): **1.97**
Disturbance severity: **0.51**
Disturbance severity (herb layer): **0.49**

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Mowing frequency: **1.01**
Grazing pressure: **0.23**
Soil disturbance: **0.31**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **R1S Heavy-metal grassland in Western and Central Europe**, **R22 Low and medium altitude hay meadow**, **R23 Mountain hay meadow**, **R35 Moist or wet mesotrophic to eutrophic hay meadow**, **U25 Boreal and Arctic base-rich scree and block field**

Constant species of EUNIS habitats: **R1M Lowland to montane, dry to mesic grassland usually dominated by Nardus stricta**, **R1S Heavy-metal grassland in Western and Central Europe**, **R21 Mesic permanent pasture of lowlands and mountains**, **R22 Low and medium altitude hay meadow**, **R23 Mountain hay meadow**, **R34 Submediterranean moist meadow**, **R35 Moist or wet mesotrophic to eutrophic hay meadow**, **R37 Temperate and boreal moist or wet oligotrophic grassland**, **R42 Boreal and Arctic acidophilous alpine grassland**, **R54 Pteridium aquilinum vegetation**, **U21 Boreal and Arctic siliceous scree and block field**, **U25 Boreal and Arctic base-rich scree and block field**, **U35 Boreal and Arctic base-rich inland cliff**

Broad habitat

Occurrence in broad habitats: **Coastal cliff, Mire, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Forest, Sparsely vegetated (incl. rock and scree)**

Distribution

Continentality amplitude: **7**

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