

# *Rumex acetosa*

## Habitus and growth type

Plant height [m]: **0.64**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/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**

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](#)

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](#), [R55 Lowland moist or wet tall-herb and fern fringe](#), [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