

# *Rumex acetosella*

## Habitus and growth type

Plant height [m]: **0.2**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **24.67**

## Flower

Flowering period: **April-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.45**

Dispersal mode: **Local non-specific dispersal, Anthropochory**

Dispersal distance class: **1, 7**

## 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 reaction relationship: **Acidic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8**

Moisture indicator value: **3.7**

Nutrient indicator value: **2**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.9**

Disturbance frequency (herb layer): **1.79**

Disturbance severity: **0.56**

Disturbance severity (herb layer): **0.47**

Mowing frequency: **0.39**

Grazing pressure: **0.27**

Soil disturbance: **0.38**

## Habitat and sociology

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R1P Oceanic to subcontinental inland sand grassland on dry acid and neutral soils](#), [R1Q Inland sanddrift and dune with siliceous grassland](#)

Constant species of EUNIS habitats: [N15 Atlantic and Baltic coastal dune grassland \(grey dune\)](#), [N19 Atlantic coastal Calluna and Ulex heath](#), [R11 Pannonian and Pontic sandy steppe](#), [R12 Cryptogam- and annual-dominated vegetation on siliceous rock outcrops](#), [R17 Heavy-metal dry grassland of the Balkans](#), [R1J Cyrno-Sardean oromediterranean siliceous dry grassland](#), [R1K Balkan and Anatolian oromediterranean dry grassland](#), [R1M Lowland to montane, dry to mesic grassland usually dominated by Nardus stricta](#), [R1N Open Iberian supramediterranean dry acid and neutral grassland](#), [R1P Oceanic to subcontinental inland sand grassland on dry acid and neutral soils](#), [R1Q Inland sanddrift and dune with siliceous grassland](#), [R1R Mediterranean to Atlantic open, dry, acid and neutral grassland](#), [R57 Herbaceous forest clearing vegetation](#), [S33 Lowland to montane temperate and submediterranean genistoid scrub](#), [S34 Balkan-Anatolian submontane genistoid scrub](#), [S42 Dry heath](#), [S74 Central Mediterranean mountain hedgehog-heath](#), [T35 Temperate continental Pinus sylvestris forest](#), [T37 Mediterranean montane Pinus sylvestris-Pinus nigra forest](#), [U23 Temperate, lowland to montane siliceous scree](#), [U33 Temperate, lowland to montane siliceous inland cliff](#), [V11 Intensive unmixed crops](#), [V12 Mixed crops of market gardens and horticulture](#), [V13 Arable land with unmixed crops grown by low-intensity agricultural methods](#), [V15 Bare tilled, fallow or recently abandoned arable land](#)

### Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Heathland, Oromediterranean scrub, Scrub, Forest, Sparsely vegetated (incl. rock and scree), Synanthropic**

## Distribution

Continentality amplitude: 7