Oxalis acetosella

Habitus and growth type

Plant height [m]: **0.09**
Life span: **Perennial**
Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm^2/mg]: **62.72**

Flower

Flowering period: **March-June**

Fruit, seed and dispersal

Seed mass [mg]: **1.03**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **1**

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: **Acidic**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Reaction indicator value: **4.4**
Nutrient indicator value: **5.8**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.06**
Disturbance frequency (herb layer): **1.25**
Disturbance severity: **0.68**
Disturbance severity (herb layer): **0.15**

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

Mowing frequency: **0.01**
Grazing pressure: **0.19**
Soil disturbance: **0.11**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **BA (PIC) *Vaccinio-Piceetea***, **BB (ASA) *Asaro europaei-Abietetea sibiricae***, **CA (FAG) *Carpino-Fagetea sylvaticae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **T12 Alnus glutinosa-Alnus incana forest on riparian and mineral soils**, **T17 Fagus forest on non-acid soils**, **T18 Fagus forest on acid soils**, **T1F Ravine forest**, **T31 Temperate mountain Picea forest**, **T32 Temperate mountain Abies forest**, **T3F Dark taiga**, **T3H Larix light taiga**

Constant species of EUNIS habitats: **P2N Spring**, **R56 Montane to subalpine moist or wet tall-herb and fern fringe**, **R57 Herbaceous forest clearing vegetation**, **S25 Subalpine and subarctic deciduous scrub**, **S26 Subalpine Pinus mugo scrub**, **S37 Corylus avellana scrub**, **S38 Temperate forest clearing scrub**, **T12 Alnus glutinosa-Alnus incana forest on riparian and mineral soils**, **T15 Broadleaved swamp forest on non-acid peat**, **T17 Fagus forest on non-acid soils**, **T18 Fagus forest on acid soils**, **T1C Temperate and boreal mountain Betula and Populus tremula forest on mineral soils**, **T1D Southern European mountain Betula and Populus tremula forest on mineral soils**, **T1E Carpinus and Quercus mesic deciduous forest**, **T1F Ravine forest**, **T27 Ilex aquifolium forest**, **T31 Temperate mountain Picea forest**, **T32 Temperate mountain Abies forest**, **T34 Temperate subalpine Larix, Pinus cembra and Pinus uncinata forest**, **T39 Mediterranean and Balkan subalpine Pinus heldreichii-Pinus peuce forest**, **T3C Taxus baccata forest**, **T3F Dark taiga**, **T3H Larix light taiga**, **T3K Picea mire forest**, **T3M Coniferous plantation of non site-native trees**, **U23 Temperate, lowland to montane siliceous scree**

Dominant species of EUNIS habitats: **T31 Temperate mountain Picea forest**, **T32 Temperate mountain Abies forest**, **T3F Dark taiga**

Broad habitat

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

Distribution

Continentality amplitude: **6**

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