

Primula acaulis

Habitus and growth type

Plant height [m]: **0.1**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **28.6**

Flower

Flowering period: **January-May**

Fruit, seed and dispersal

Seed mass [mg]: **1.04**

Dispersal mode: **Myrmecochory, Anthropochory**

Dispersal distance class: **3, 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 humidity relationship: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **5.7**

Moisture indicator value: **5.6**

Reaction indicator value: **6.6**

Nutrient indicator value: **4.8**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.09**

Disturbance frequency (herb layer): **1.35**

Disturbance severity: **0.67**

Disturbance severity (herb layer): **0.17**

Mowing frequency: **0.05**

Grazing pressure: **0.21**

Soil disturbance: **0.12**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: [S37 Corylus avellana scrub](#)

Constant species of EUNIS habitats: [S37 Corylus avellana scrub](#), [T1G Alnus cordata forest](#), [T3C Taxus baccata forest](#)

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Forest**

Distribution

Continentality: **2**

Continentality amplitude: **2**