

Leontopodium nivale

Habitus and growth type

Plant height [m]: **0.16**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.12**

Dispersal mode: **Anemochory**

Dispersal distance class: **4**

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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.3**

Temperature indicator value: **1.9**

Moisture indicator value: **4.2**

Reaction indicator value: **8**

Nutrient indicator value: **1.9**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.21**

Disturbance frequency (herb layer): **1.36**

Disturbance severity: **0.3**

Disturbance severity (herb layer): **0.28**

Mowing frequency: **0.01**

Grazing pressure: **0.26**

Soil disturbance: **0.08**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: [R44 Arctic-alpine calcareous grassland](#)

Broad habitat

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