Plantago alpina

Habitus and growth type

Plant height [m]: **0.08**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Flower

Flowering period: **June-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.59**
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: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.3**
Temperature indicator value: **2.8**
Moisture indicator value: **4.6**
Reaction indicator value: **3.5**
Nutrient indicator value: **1.8**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.68**
Disturbance frequency (herb layer): **1.83**
Disturbance severity: **0.31**
Disturbance severity (herb layer): **0.31**

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Mowing frequency: **0.09**
Grazing pressure: **0.31**
Soil disturbance: **0.14**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CM (MOL) *Molinio-Arrhenatheretea***, **CT (TRI) *Juncetea trifidi***, **DA (FES) *Festuco-Brometea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R1G Iberian oromediterranean siliceous dry grassland**, **R33 Mediterranean short moist grassland of mountains**, **R43 Temperate acidophilous alpine grassland**, **S21 Subarctic and alpine dwarf Salix scrub**

Constant species of EUNIS habitats: **R1G Iberian oromediterranean siliceous dry grassland**, **R33 Mediterranean short moist grassland of mountains**, **R43 Temperate acidophilous alpine grassland**, **S21 Subarctic and alpine dwarf Salix scrub**

Broad habitat

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

Distribution

Continentality: **3**
Continentality amplitude: **3**

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