

# *Oxytropis pilosa*

## Habitus and growth type

Plant height [m]: **0.28**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Flower

Flowering period: **May-July**

## Fruit, seed and dispersal

Seed mass [mg]: **1.15**

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

Dispersal distance class: **1**

## Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **symbiosis with rhizobia**

## Taxon origin

Origin in Europe: **native**

## Ecology

### Environmental relationships

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Dystrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.8**

Temperature indicator value: **6.6**

Moisture indicator value: **2.1**

Reaction indicator value: **7.5**

Nutrient indicator value: **1.3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.31**

Disturbance frequency (herb layer): **1.84**

Disturbance severity: **0.49**

Disturbance severity (herb layer): **0.46**

Mowing frequency: **0.58**

Grazing pressure: **0.36**

Soil disturbance: **0.17**

## Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CO \(ERI\) \*Erico-Pinetea\*](#), [DA \(FES\) \*Festuco-Brometea\*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [R15 Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops](#), [R1B Continental dry grassland \(true steppe\)](#), [U2A Crimean base-rich scree](#)

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Forest, Sparsely vegetated (incl. rock and scree)**

## Distribution

Continentality: **8**

Continentality amplitude: **4**