

Pedicularis comosa

Habitus and growth type

Plant height [m]: **0.34**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **15.41**

Flower

Flowering period: **May-July**

Fruit, seed and dispersal

Seed mass [mg]: **1.19**

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

Dispersal distance class: **2**

Trophic mode

Parasitism and mycoheterotrophy: **euphytoid hemiparasite**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

Taxon origin

Origin in Europe: **Native**

Ecology

Environmental relationships

Substrate humidity relationship: **Mesic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.1**

Temperature indicator value: **3**

Nutrient indicator value: **1.7**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.42**

Disturbance frequency (herb layer): **1.79**

Disturbance severity: **0.37**

Disturbance severity (herb layer): **0.35**

Mowing frequency: **0.17**

Grazing pressure: **0.29**

Soil disturbance: **0.13**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CS \(MUL\) *Mulgedio-Aconitetea*](#), [CU \(SES\) *Elyno-Seslerietea*](#)

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Scrub**