

# *Pedicularis sylvatica*

## Habitus and growth type

Plant height [m]: **0.12**

Life span: **Biennial or short-lived, Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **13.3**

## Flower

Flowering period: **April-July**

## Fruit, seed and dispersal

Seed mass [mg]: **0.89**

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

Dispersal distance class: **1**

## 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: **Wet**

Substrate reaction relationship: **Acidic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.5**

Temperature indicator value: **5**

Moisture indicator value: **7.6**

Reaction indicator value: **1.7**

Nutrient indicator value: **1.8**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.56**

Disturbance frequency (herb layer): **1.67**  
Disturbance severity: **0.34**  
Disturbance severity (herb layer): **0.33**  
Mowing frequency: **0.46**  
Grazing pressure: **0.29**  
Soil disturbance: **0.18**

## **Habitat and sociology**

EUNIS habitat

Diagnostic species of EUNIS habitats: [Q12 Blanket bog](#), [R33 Mediterranean short moist grassland of mountains](#)

Constant species of EUNIS habitats: [Q12 Blanket bog](#), [R33 Mediterranean short moist grassland of mountains](#)

Broad habitat

Occurrence in broad habitats: **Spring, Mire, Grassland (non-alpine, non-saline), Heathland**

## **Distribution**

Continentality: **3**

Continentality amplitude: **3**