

# *Myosotis sylvatica*

## Habitus and growth type

Plant height [m]: **0.32**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **29.68**

## Flower

Flowering period: **March-September**

## Fruit, seed and dispersal

Seed mass [mg]: **0.48**

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

Dispersal distance class: **2**

## 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: **Slightly acidic to near-neutral**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **5.5**

Temperature indicator value: **4.6**

Moisture indicator value: **5.6**

Reaction indicator value: **6.2**

Nutrient indicator value: **6.7**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.16**

Disturbance frequency (herb layer): **1.28**  
Disturbance severity: **0.63**  
Disturbance severity (herb layer): **0.21**  
Mowing frequency: **0.08**  
Grazing pressure: **0.19**  
Soil disturbance: **0.13**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CA \(FAG\) \*Carpino-Fagetea sylvaticae\*](#),  
[DA \(FES\) \*Festuco-Brometea\*](#), [QG \(EPI\) \*Epilobietea angustifolii\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [S25 Subalpine and subarctic deciduous scrub](#)

Constant species of EUNIS habitats: [R56 Montane to subalpine moist or wet tall-herb and fern fringe](#), [S25 Subalpine and subarctic deciduous scrub](#), [T33 Mediterranean mountain \*Abies\* forest](#)

### Broad habitat

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

## Distribution

Continentality: **5**  
Continentality amplitude: **3**