

Myosotis arvensis

Habitus and growth type

Plant height [m]: **0.31**

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

Life form: **Hemicryptophyte, Therophyte**

Leaf

Specific leaf area [mm²/mg]: **29.38**

Flower

Flowering period: **March-July**

Fruit, seed and dispersal

Seed mass [mg]: **0.37**

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

Dispersal distance class: **2, 7**

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: **6.7**

Temperature indicator value: **5.3**

Moisture indicator value: **4.5**

Reaction indicator value: **5.3**

Nutrient indicator value: **5.8**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.37**

Disturbance frequency (herb layer): **1.96**
Disturbance severity: **0.75**
Disturbance severity (herb layer): **0.73**
Mowing frequency: **0.46**
Grazing pressure: **0.16**
Soil disturbance: **0.67**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [QA \(PAR\) *Papaveretea rhoeadis*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [V11 Intensive unmixed crops](#), [V12 Mixed crops of market gardens and horticulture](#), [V13 Arable land with unmixed crops grown by low-intensity agricultural methods](#), [V15 Bare tilled, fallow or recently abandoned arable land](#)

Constant species of EUNIS habitats: [V11 Intensive unmixed crops](#), [V12 Mixed crops of market gardens and horticulture](#), [V13 Arable land with unmixed crops grown by low-intensity agricultural methods](#), [V15 Bare tilled, fallow or recently abandoned arable land](#)

Broad habitat

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

Distribution

Continentality amplitude: **6**