

# *Myosotis scorpioides* aggr.

## Habitus and growth type

Plant height [m]: **0.6**

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

Life form: **Hemicryptophyte, Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **40.07**

## Flower

Flowering period: **May-September**

## Fruit, seed and dispersal

Seed mass [mg]: **0.22**

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: **Wet**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **6.8**

Reaction indicator value: **5.5**

Salinity indicator value: **0.1**

### Disturbance indicator values

Disturbance frequency: **1**

Disturbance frequency (herb layer): **1.7**

Disturbance severity: **0.47**

Disturbance severity (herb layer): **0.42**

Mowing frequency: **0.43**

Grazing pressure: **0.2**

Soil disturbance: **0.14**

## Habitat and sociology

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R35 Moist or wet mesotrophic to eutrophic hay meadow](#)

Constant species of EUNIS habitats: [P2N Spring](#), [Q51 Tall-helophyte bed](#), [Q52 Small-helophyte bed](#), [R35 Moist or wet mesotrophic to eutrophic hay meadow](#), [R36 Moist or wet mesotrophic to eutrophic pasture](#), [R55 Lowland moist or wet tall-herb and fern fringe](#), [T11 Temperate Salix and Populus riparian forest](#), [T12 Alnus glutinosa-Alnus incana forest on riparian and mineral soils](#), [T15 Broadleaved swamp forest on non-acid peat](#), [U71 Unvegetated or sparsely vegetated gravel bar in montane and alpine regions](#)

### Broad habitat

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