

# *Myosoton aquaticum*

## Habitus and growth type

Plant height [m]: **0.39**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **63.94**

## Flower

Flowering period: **April-July**

## 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: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **6.8**

Temperature indicator value: **5.3**

Reaction indicator value: **6.9**

Nutrient indicator value: **7.7**

Salinity indicator value: **0.2**

### Disturbance indicator values

Disturbance frequency: **0.73**

Disturbance frequency (herb layer): **1.38**

Disturbance severity: **0.62**

Disturbance severity (herb layer): **0.52**

Mowing frequency: **0.31**

Grazing pressure: **0.18**

Soil disturbance: **0.22**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [HA \(POP\) \*Alno glutinosae-Populetea albae\*](#), [QG \(EPI\) \*Epilobietea angustifolii\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [Q61 Periodically exposed shore with stable, eutrophic sediments with pioneer or ephemeral vegetation](#)

Constant species of EUNIS habitats: [Q61 Periodically exposed shore with stable, eutrophic sediments with pioneer or ephemeral vegetation](#)

### Broad habitat

Occurrence in broad habitats: **Aquatic, Wetland, Grassland (non-alpine, non-saline), Scrub, Forest, Synanthropic**

## Distribution

Continentality amplitude: 5