

# *Malva moschata*

## Habitus and growth type

Plant height [m]: **0.48**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **20.03**

## Flower

Flowering period: **April-August**

## Fruit, seed and dispersal

Seed mass [mg]: **2.11**

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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.8**

Temperature indicator value: **5.7**

Moisture indicator value: **3.8**

Reaction indicator value: **6.3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.57**

Disturbance frequency (herb layer): **2.02**

Disturbance severity: **0.52**

Disturbance severity (herb layer): **0.5**

Mowing frequency: **1.03**

Grazing pressure: **0.17**

Soil disturbance: **0.36**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [QF \(ART\) Artemisietea vulgaris](#)

### Broad habitat

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

## **Distribution**

Continentality: **4**

Continentality amplitude: **4**