

# *Malva multiflora*

## Habitus and growth type

Plant height [m]: **0.57**

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

Life form: **Hemicryptophyte, Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **20.92**

## Flower

Flowering period: **February-May**

## Fruit, seed and dispersal

Seed mass [mg]: **6.78**

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: **Eutrophic**

### Ellenberg-type indicator values

Light indicator value: **8.2**

Temperature indicator value: **8.5**

Moisture indicator value: **3.6**

Reaction indicator value: **6.8**

Nutrient indicator value: **7.2**

Salinity indicator value: **1.5**

### Disturbance indicator values

Disturbance frequency: **1.45**

Disturbance frequency (herb layer): **1.97**

Disturbance severity: **0.85**

Disturbance severity (herb layer): **0.82**

Mowing frequency: **0.81**

Grazing pressure: **0.19**

Soil disturbance: **0.48**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [QC \(CHE\) Chenopodietea](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [V32 Mediterranean subnitrophilous annual grassland](#)

### Broad habitat

Occurrence in broad habitats: **Synanthropic**