

# *Malva arborea*

## Habitus and growth type

Plant height [m]: **1.53**

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

Life form: **Chamaephyte, Hemicryptophyte**

## Flower

Flowering period: **March-September**

## Fruit, seed and dispersal

Seed mass [mg]: **12.94**

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: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **9**

Moisture indicator value: **4.8**

Reaction indicator value: **7.3**

Nutrient indicator value: **8**

Salinity indicator value: **3**

### Disturbance indicator values

Disturbance frequency: **1.07**

Disturbance frequency (herb layer): **1.31**

Disturbance severity: **0.7**

Disturbance severity (herb layer): **0.66**

Mowing frequency: **0.43**

Grazing pressure: **0.2**

Soil disturbance: **0.4**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [FK \(PEG\) \*Pegano harmalae-Salsoletea vermiculatae\*](#)

### Broad habitat

Occurrence in broad habitats: **Coastal cliff, Scrub, Sparsely vegetated (incl. rock and scree)**