

# *Althaea hirsuta*

## Habitus and growth type

Plant height [m]: **0.23**

Life span: **Annual**

Life form: **Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **19.75**

## Flower

Flowering period: **April-August**

## Fruit, seed and dispersal

Seed mass [mg]: **2.93**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **1**

## 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: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.9**

Moisture indicator value: **3.8**

Reaction indicator value: **7.3**

Salinity indicator value: **0.2**

### Disturbance indicator values

Disturbance frequency: **1.38**

Disturbance frequency (herb layer): **1.86**

Disturbance severity: **0.67**

Disturbance severity (herb layer): **0.63**

Mowing frequency: **0.45**

Grazing pressure: **0.3**

Soil disturbance: **0.35**

## **Habitat and sociology**

Syntaxon

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

Broad habitat

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

## **Distribution**

Continentality amplitude: **6**