

# ***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**