

# ***Sideritis hirsuta***

## **Habitus and growth type**

Plant height [m]: **0.35**

Life span: **Perennial**

Life form: **Chamaephyte, Hemicryptophyte**

Spinescence: **spinescent**

## **Leaf**

Specific leaf area [mm<sup>2</sup>/mg]: **14.6**

## **Flower**

Flowering period: **June-August**

## **Fruit, seed and dispersal**

Seed mass [mg]: **1.4**

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: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.7**

Temperature indicator value: **7.5**

Moisture indicator value: **2.3**

Reaction indicator value: **7**

Nutrient indicator value: **1.7**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.63**  
Disturbance frequency (herb layer): **1.65**  
Disturbance severity: **0.59**  
Disturbance severity (herb layer): **0.37**  
Mowing frequency: **0.31**  
Grazing pressure: **0.37**  
Soil disturbance: **0.22**

### **Habitat and sociology**

#### Broad habitat

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