

Sideritis hirsuta

Habitus and growth type

Plant height [m]: **0.35**

Life span: **Perennial**

Life form: **Chamaephyte, Hemicryptophyte**

Spinescence: **spinescent**

Leaf

Specific leaf area [mm²/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)**