

# *Anchusa officinalis*

## Habitus and growth type

Plant height [m]: **0.53**

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

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **22.93**

## Flower

Flowering period: **April-August**

## Fruit, seed and dispersal

Seed mass [mg]: **4.91**

Dispersal mode: **Myrmecochory, Anthropochory**

Dispersal distance class: **3, 7**

## 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: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.3**

Temperature indicator value: **7**

Moisture indicator value: **3.5**

Reaction indicator value: **7**

Nutrient indicator value: **5.2**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.43**

Disturbance frequency (herb layer): **1.86**  
Disturbance severity: **0.68**  
Disturbance severity (herb layer): **0.66**  
Mowing frequency: **0.71**  
Grazing pressure: **0.2**  
Soil disturbance: **0.37**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [QF \(ART\) Artemisietea vulgaris](#)

### Broad habitat

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

## Distribution

Continentality: **6**  
Continentality amplitude: **5**