

# *Anchusa undulata*

## Habitus and growth type

Plant height [m]: **0.4**

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

Life form: **Hemicryptophyte**

## Flower

Flowering period: **February-July**

## Fruit, seed and dispersal

Seed mass [mg]: **2.86**

Dispersal mode: **Myrmecochory**

Dispersal distance class: **3**

## 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: **Slightly acidic to near-neutral**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **7.5**

Moisture indicator value: **2**

Reaction indicator value: **5.5**

Nutrient indicator value: **5.5**

Salinity indicator value: **0**

## Habitat and sociology

Broad habitat

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