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^2/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**

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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**

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