

# *Cynoglossum officinale*

## Habitus and growth type

Plant height [m]: **0.49**

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

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **22.33**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **29.56**

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: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.9**

Temperature indicator value: **5.8**

Moisture indicator value: **3.4**

Reaction indicator value: **7.3**

Nutrient indicator value: **7.1**

Salinity indicator value: **0.2**

### Disturbance indicator values

Disturbance frequency: **0.78**

Disturbance frequency (herb layer): **1.4**  
Disturbance severity: **0.52**  
Disturbance severity (herb layer): **0.41**  
Mowing frequency: **0.22**  
Grazing pressure: **0.21**  
Soil disturbance: **0.25**

## **Habitat and sociology**

### Syntaxon

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

### EUNIS habitat

Diagnostic species of EUNIS habitats: [N1A Atlantic and Baltic coastal dune scrub](#),  
[N1E Black Sea broad-leaved coastal dune forest](#)

Constant species of EUNIS habitats: [N1A Atlantic and Baltic coastal dune scrub](#),  
[N1E Black Sea broad-leaved coastal dune forest](#)

### Broad habitat

Occurrence in broad habitats: **Scrub, Forest, Synanthropic**

## **Distribution**

Continentality amplitude: 7