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^2/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**, **N1D Atlantic and Baltic broad-leaved coastal dune forest**, **N1E Black Sea broad-leaved coastal dune forest**
Constant species of EUNIS habitats: **N1A Atlantic and Baltic coastal dune scrub**, **N1D Atlantic and Baltic broad-leaved coastal dune forest**, **N1E Black Sea broad-leaved coastal dune forest**

Broad habitat

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

Distribution

Continentality amplitude: **7**