

Cynoglossum officinale

Habitus and growth type

Plant height [m]: **0.49**

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

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/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**