

# *Borago officinalis*

## Habitus and growth type

Plant height [m]: **0.39**

Life span: **Annual**

Life form: **Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **25.13**

## Flower

Flowering period: **January-August, December**

## Fruit, seed and dispersal

Seed mass [mg]: **15.97**

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: **Slightly acidic to near-neutral**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.8**

Moisture indicator value: **3.6**

Reaction indicator value: **6.6**

Nutrient indicator value: **6.4**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.47**

Disturbance frequency (herb layer): **1.99**

Disturbance severity: **0.84**

Disturbance severity (herb layer): **0.82**

Mowing frequency: **0.67**

Grazing pressure: **0.22**

Soil disturbance: **0.49**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [QC \(CHE\) Chenopodietea](#)

### Broad habitat

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