

# *Silene borysthena*

## Habitus and growth type

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

Life form: **Hemicryptophyte**

## Fruit, seed and dispersal

Seed mass [mg]: **0.22**

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: **Dystrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.8**

Temperature indicator value: **5.5**

Moisture indicator value: **3.4**

Reaction indicator value: **9**

Nutrient indicator value: **1**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.38**

Disturbance frequency (herb layer): **1.73**

Disturbance severity: **0.43**

Disturbance severity (herb layer): **0.41**

Mowing frequency: **0.48**

Grazing pressure: **0.23**

Soil disturbance: **0.34**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [BD \(PYR\) \*Pyrolo-Pinetea sylvestris\*](#),  
[CJ \(COR\) \*Koelerio-Corynephoretea canescentis\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R11 Pannonian and Pontic sandy steppe](#)

Constant species of EUNIS habitats: [R11 Pannonian and Pontic sandy steppe](#)

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Forest**