

# *Veronica officinalis*

## Habitus and growth type

Plant height [m]: **0.11**

Life span: **Perennial**

Life form: **Chamaephyte, Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **23.59**

## Flower

Flowering period: **April-July**

## Fruit, seed and dispersal

Seed mass [mg]: **0.13**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **1**

## 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: **Acidic**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **5.8**

Temperature indicator value: **5**

Moisture indicator value: **4.7**

Reaction indicator value: **3.1**

Nutrient indicator value: **3.3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.2**

Disturbance frequency (herb layer): **1.42**  
Disturbance severity: **0.62**  
Disturbance severity (herb layer): **0.22**  
Mowing frequency: **0.12**  
Grazing pressure: **0.23**  
Soil disturbance: **0.17**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CC \(QUE\) \*Quercetea robori-petraeae\*](#),  
[CI \(NAR\) \*Nardetea strictae\*](#)

### EUNIS habitat

Constant species of EUNIS habitats: [N19 Atlantic coastal \*Calluna\* and \*Ulex\* heath](#),  
[N1A Atlantic and Baltic coastal dune scrub](#), [R1M Lowland to montane, dry to mesic grassland usually dominated by \*Nardus stricta\*](#), [R23 Mountain hay meadow](#), [R52 Forest fringe of acidic nutrient-poor soils](#), [T18 \*Fagus\* forest on acid soils](#), [T1D Southern European mountain \*Betula\* and \*Populus tremula\* forest on mineral soils](#), [T31 Temperate mountain \*Picea\* forest](#), [T32 Temperate mountain \*Abies\* forest](#), [T35 Temperate continental \*Pinus sylvestris\* forest](#), [T37 Mediterranean montane \*Pinus sylvestris\*-\*Pinus nigra\* forest](#), [T39 Mediterranean and Balkan subalpine \*Pinus heldreichii\*-\*Pinus peuce\* forest](#)

### Broad habitat

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

## Distribution

Continentality amplitude: **5**