

# *Symphytum officinale*

## Habitus and growth type

Plant height [m]: **0.66**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **24.87**

## Flower

Flowering period: **March-July**

## Fruit, seed and dispersal

Seed mass [mg]: **9.32**

Dispersal mode: **Myrmecochory**

Dispersal distance class: **3**

## 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: **Wet**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.1**

Moisture indicator value: **7.2**

Reaction indicator value: **6.9**

Nutrient indicator value: **7.8**

Salinity indicator value: **0.1**

### Disturbance indicator values

Disturbance frequency: **0.84**

Disturbance frequency (herb layer): **1.53**

Disturbance severity: **0.53**

Disturbance severity (herb layer): **0.45**

Mowing frequency: **0.52**

Grazing pressure: **0.16**

Soil disturbance: **0.21**

## **Habitat and sociology**

EUNIS habitat

Diagnostic species of EUNIS habitats: [T11 Temperate Salix and Populus riparian forest](#)

Constant species of EUNIS habitats: [R55 Lowland moist or wet tall-herb and fern fringe](#), [T11 Temperate Salix and Populus riparian forest](#)

Broad habitat

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

## **Distribution**

Continentality amplitude: 7