

# *Symphytum tuberosum* aggr.

## Habitus and growth type

Plant height [m]: **0.31**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **30.45**

## Flower

Flowering period: **February-April**

## Fruit, seed and dispersal

Seed mass [mg]: **3853.36**

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: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **5**

Temperature indicator value: **6.6**

Reaction indicator value: **6.9**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.05**

Disturbance frequency (herb layer): **1.29**

Disturbance severity: **0.69**

Disturbance severity (herb layer): **0.15**

Mowing frequency: **0.02**

Grazing pressure: **0.19**

Soil disturbance: **0.1**

## **Habitat and sociology**

### EUNIS habitat

Diagnostic species of EUNIS habitats: [T1G Alnus cordata forest](#)

Constant species of EUNIS habitats: [T1G Alnus cordata forest](#), [T39 Mediterranean and Balkan subalpine Pinus heldreichii-Pinus peuce forest](#)

### Broad habitat

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