Symphytum officinale

Habitus and growth type

Plant height [m]: **0.66**
Life span: **Perennial**
Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm^2/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**

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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**

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