

# *Stachys sylvatica*

## Habitus and growth type

Plant height [m]: **0.57**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **42.12**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **1.44**

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: **Wet**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Moisture indicator value: **7**

Reaction indicator value: **7.1**

Nutrient indicator value: **7.1**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.15**

Disturbance frequency (herb layer): **1.36**

Disturbance severity: **0.67**

Disturbance severity (herb layer): **0.26**

Mowing frequency: **0.06**

Grazing pressure: **0.18**

Soil disturbance: **0.11**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [BB \(ASA\) \*Asaro europaei-Abietetea sibiricae\*](#), [CA \(FAG\) \*Carpino-Fagetea sylvaticae\*](#), [HA \(POP\) \*Alno glutinosae-Populetea albae\*](#), [QG \(EPI\) \*Epilobietea angustifolii\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [T12 \*Alnus glutinosa-Alnus incana\* forest on riparian and mineral soils](#), [T1G \*Alnus cordata\* forest](#)

Constant species of EUNIS habitats: [T12 \*Alnus glutinosa-Alnus incana\* forest on riparian and mineral soils](#), [T13 Temperate hardwood riparian forest](#), [T1E \*Carpinus\* and \*Quercus mesic deciduous\* forest](#), [T1F Ravine forest](#), [T1G \*Alnus cordata\* forest](#)

### Broad habitat

Occurrence in broad habitats: **Spring, Wetland, Scrub, Forest, Synanthropic**

## Distribution

Continentality amplitude: **6**