

# *Galium sylvaticum*

## Habitus and growth type

Plant height [m]: **0.71**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **57.38**

## Flower

Flowering period: **May-September**

## Fruit, seed and dispersal

Seed mass [mg]: **1**

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: **Mesic**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **4.8**

Temperature indicator value: **5.2**

Moisture indicator value: **5**

Reaction indicator value: **6**

Nutrient indicator value: **5**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.03**

Disturbance frequency (herb layer): **1.3**  
Disturbance severity: **0.69**  
Disturbance severity (herb layer): **0.13**  
Mowing frequency: **0.01**  
Grazing pressure: **0.19**  
Soil disturbance: **0.11**

### **Habitat and sociology**

#### Syntaxon

Diagnostic species of phytosociological classes: [CA \(FAG\) \*Carpino-Fagetea sylvaticae\*](#)

#### Broad habitat

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

### **Distribution**

Continentality: **4**

Continentality amplitude: **2**