# *Galium odoratum*

## Habitus and growth type

Plant height [m]: **0.23**
Life span: **Perennial**
Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [$mm^2$/mg]: **51.05**

## Flower

Flowering period: **April-July**

## Fruit, seed and dispersal

Seed mass [mg]: **6.04**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **1**

## 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: **2.8**
Temperature indicator value: **5.5**
Moisture indicator value: **5.4**
Reaction indicator value: **6.3**
Nutrient indicator value: **5.3**
Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.03**

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Disturbance frequency (herb layer): **1.31**
Disturbance severity: **0.7**
Disturbance severity (herb layer): **0.13**
Mowing frequency: **0.01**
Grazing pressure: **0.19**
Soil disturbance: **0.1**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: **CA (FAG) *Carpino-Fagetea sylvaticae***

### EUNIS habitat

Diagnostic species of EUNIS habitats: **T17 Fagus forest on non-acid soils**, **T1E Carpinus and Quercus mesic deciduous forest**, **T1F Ravine forest**, **T32 Temperate mountain Abies forest**
Constant species of EUNIS habitats: **T17 Fagus forest on non-acid soils**, **T1D Southern European mountain Betula and Populus tremula forest on mineral soils**, **T1E Carpinus and Quercus mesic deciduous forest**, **T1F Ravine forest**, **T31 Temperate mountain Picea forest**, **T32 Temperate mountain Abies forest**, **T33 Mediterranean mountain Abies forest**
Dominant species of EUNIS habitats: **T17 Fagus forest on non-acid soils**

### Broad habitat

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

## Distribution

Continentality amplitude: **5**

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