

Galium odoratum

Habitus and growth type

Plant height [m]: **0.23**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/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**

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**