

Galium rotundifolium

Habitus and growth type

Plant height [m]: **0.19**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **45.73**

Flower

Flowering period: **April-July**

Fruit, seed and dispersal

Seed mass [mg]: **0.9**

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

Moisture indicator value: **5.3**

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): **0.12**

Mowing frequency: **0.01**

Grazing pressure: **0.2**

Soil disturbance: **0.11**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [BA \(PIC\) *Vaccinio-Piceetea*](#), [CA \(FAG\) *Carpino-Fagetea sylvaticae*](#), [CB \(PUB\) *Quercetea pubescentis*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [T32 Temperate mountain *Abies* forest](#), [T33 Mediterranean mountain *Abies* forest](#), [T37 Mediterranean montane *Pinus sylvestris*-*Pinus nigra* forest](#)

Constant species of EUNIS habitats: [T31 Temperate mountain *Picea* forest](#), [T32 Temperate mountain *Abies* forest](#), [T33 Mediterranean mountain *Abies* forest](#), [T37 Mediterranean montane *Pinus sylvestris*-*Pinus nigra* forest](#)

Broad habitat

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

Distribution

Continentality: **4**

Continentality amplitude: **2**