

# *Galium saxatile*

## Habitus and growth type

Plant height [m]: **0.19**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **26.5**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.55**

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: **Acidic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **6.8**

Temperature indicator value: **4.8**

Moisture indicator value: **5.5**

Reaction indicator value: **2.2**

Nutrient indicator value: **2.6**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.51**

Disturbance frequency (herb layer): **1.51**  
Disturbance severity: **0.54**  
Disturbance severity (herb layer): **0.32**  
Mowing frequency: **0.23**  
Grazing pressure: **0.29**  
Soil disturbance: **0.21**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CI \(NAR\) \*Nardetea strictae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R1M Lowland to montane, dry to mesic grassland usually dominated by \*Nardus stricta\*](#), [R42 Boreal and Arctic acidophilous alpine grassland](#)

Constant species of EUNIS habitats: [N19 Atlantic coastal \*Calluna\* and \*Ulex\* heath](#), [R1M Lowland to montane, dry to mesic grassland usually dominated by \*Nardus stricta\*](#), [R33 Mediterranean short moist grassland of mountains](#), [R42 Boreal and Arctic acidophilous alpine grassland](#), [R54 \*Pteridium aquilinum\* vegetation](#), [S42 Dry heath](#)

Dominant species of EUNIS habitats: [R1M Lowland to montane, dry to mesic grassland usually dominated by \*Nardus stricta\*](#)

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Heathland, Scrub, Forest, Sparsely vegetated (incl. rock and scree), Synanthropic**

## Distribution

Continentality: **2**  
Continentality amplitude: **2**