Galium saxatile

Habitus and growth type

Plant height [m]: **0.19**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/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**

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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**

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