

# *Galium ruthenicum*

## Habitus and growth type

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Fruit, seed and dispersal

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **2**

## 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**

Ellenberg-type indicator values

Light indicator value: **7.5**

Temperature indicator value: **5**

Moisture indicator value: **4.8**

Disturbance indicator values

Disturbance frequency: **1.61**

Disturbance frequency (herb layer): **1.77**

Disturbance severity: **0.53**

Disturbance severity (herb layer): **0.52**

Mowing frequency: **0.72**

Grazing pressure: **0.35**

Soil disturbance: **0.21**

## Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [DA \(FES\) Festuco-Brometea](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [R1B Continental dry grassland \(true steppe\)](#),

[S36 Low steppic scrub](#)

Constant species of EUNIS habitats: [R1B Continental dry grassland \(true steppe\)](#),

**[S36 Low steppic scrub](#)**

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub**