

Galium boreale

Habitus and growth type

Plant height [m]: **0.4**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **19.37**

Flower

Flowering period: **April-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.66**

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**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6.6**

Temperature indicator value: **5**

Nutrient indicator value: **2.6**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.75**

Disturbance frequency (herb layer): **1.76**

Disturbance severity: **0.52**

Disturbance severity (herb layer): **0.41**

Mowing frequency: **0.6**

Grazing pressure: **0.22**

Soil disturbance: **0.18**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [BC \(BRA\) *Brachypodio pinnati-Betuletea pendulae*](#), [CM \(MOL\) *Molinio-Arrhenatheretea*](#), [DA \(FES\) *Festuco-Brometea*](#), [IA \(ALN\) *Alnetea glutinosae*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [T3H *Larix light taiga*](#)

Constant species of EUNIS habitats: [R37 *Temperate and boreal moist or wet oligotrophic grassland*](#), [T3H *Larix light taiga*](#)

Broad habitat

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

Distribution

Continentality: **6**

Continentality amplitude: **6**