Galium verum

Habitus and growth type

Plant height [m]: **0.62**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **17.02**

Flower

Flowering period: **May-September**

Fruit, seed and dispersal

Seed mass [mg]: **0.53**
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: **Dry**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.3**
Reaction indicator value: **6.5**
Nutrient indicator value: **2.7**
Salinity indicator value: **0.3**

Disturbance indicator values

Disturbance frequency: **1.2**
Disturbance frequency (herb layer): **1.84**
Disturbance severity: **0.5**

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Disturbance severity (herb layer): **0.46**
Mowing frequency: **0.7**
Grazing pressure: **0.27**
Soil disturbance: **0.25**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **R1A Semi-dry perennial calcareous grassland (meadow steppe)**, **S34 Balkan-Anatolian submontane genistoid scrub**, **S36 Low steppic scrub**

Constant species of EUNIS habitats: **N15 Atlantic and Baltic coastal dune grassland (grey dune)**, **N19 Atlantic coastal Calluna and Ulex heath**, **N1A Atlantic and Baltic coastal dune scrub**, **R11 Pannonian and Pontic sandy steppe**, **R13 Cryptogam- and annual-dominated vegetation on calcareous and ultramafic rock outcrops**, **R15 Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops**, **R1A Semi-dry perennial calcareous grassland (meadow steppe)**, **R1B Continental dry grassland (true steppe)**, **R1P Oceanic to subcontinental inland sand grassland on dry acid and neutral soils**, **R21 Mesic permanent pasture of lowlands and mountains**, **R22 Low and medium altitude hay meadow**, **R23 Mountain hay meadow**, **R24 Iberian summer pasture (vallicar)**, **R33 Mediterranean short moist grassland of mountains**, **R34 Submediterranean moist meadow**, **R37 Temperate and boreal moist or wet oligotrophic grassland**, **R51 Thermophilous forest fringe of base-rich soils**, **S24 Subalpine genistoid scrub of the Amphi-Adriatic region**, **S31 Lowland to montane temperate and submediterranean Juniperus scrub**, **S34 Balkan-Anatolian submontane genistoid scrub**, **S36 Low steppic scrub**, **S68 Semi-desert sand dune with sparse scrub**, **T36 Temperate and submediterranean montane Pinus sylvestris-Pinus nigra forest**

Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Mire, Grassland (non-alpine, non-saline), Semi-desert, Heathland, Scrub, Forest**

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