

# *Galium verum*

## Habitus and growth type

Plant height [m]: **0.62**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/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**

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**