Galium aparine

Habitus and growth type

Plant height [m]: **0.92**
Life span: **Annual**
Life form: **Therophyte**

Leaf

Specific leaf area [mm^2/mg]: **30.76**

Flower

Flowering period: **January-September, December**

Fruit, seed and dispersal

Seed mass [mg]: **9.42**
Dispersal mode: **Local non-specific dispersal, Anthropochory**
Dispersal distance class: **2, 7**

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: **Slightly acidic to near-neutral**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6.6**
Temperature indicator value: **5.7**
Reaction indicator value: **6.3**
Nutrient indicator value: **7.6**
Salinity indicator value: **0.1**

Disturbance indicator values

Disturbance frequency: **0.44**
Disturbance frequency (herb layer): **1.43**
Disturbance severity: **0.67**

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Disturbance severity (herb layer): **0.45**
Mowing frequency: **0.23**
Grazing pressure: **0.17**
Soil disturbance: **0.28**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **HA (POP) *Alno glutinosae-Populetea albae*, QG (EPI) *Epilobietea angustifolii***

EUNIS habitat

Diagnostic species of EUNIS habitats: **N1E Black Sea broad-leaved coastal dune forest, T11 Temperate Salix and Populus riparian forest, T13 Temperate hardwood riparian forest, T1H Broadleaved deciduous plantation of non site-native trees, V39 Mesic perennial anthropogenic herbaceous vegetation**

Constant species of EUNIS habitats: **N1A Atlantic and Baltic coastal dune scrub, N1D Atlantic and Baltic broad-leaved coastal dune forest, N1E Black Sea broad-leaved coastal dune forest, R55 Lowland moist or wet tall-herb and fern fringe, R57 Herbaceous forest clearing vegetation, S32 Temperate Rubus scrub, S35 Temperate and submediterranean thorn scrub, S37 Corylus avellana scrub, S38 Temperate forest clearing scrub, S91 Temperate riparian scrub, S93 Mediterranean riparian scrub, S94 Semi-desert riparian scrub, T11 Temperate Salix and Populus riparian forest, T12 Alnus glutinosa-Alnus incana forest on riparian and mineral soils, T13 Temperate hardwood riparian forest, T14 Mediterranean and Macaronesian riparian forest, T1E Carpinus and Quercus mesic deciduous forest, T1G Alnus cordata forest, T1H Broadleaved deciduous plantation of non site-native trees, V11 Intensive unmixed crops, V12 Mixed crops of market gardens and horticulture, V13 Arable land with unmixed crops grown by low-intensity agricultural methods, V15 Bare tilled, fallow or recently abandoned arable land, V39 Mesic perennial anthropogenic herbaceous vegetation**

Broad habitat

Occurrence in broad habitats: **Wetland, Grassland (non-alpine, non-saline), Scrub, Forest, Sparsely vegetated (incl. rock and scree), Synanthropic**

Distribution

Continentality amplitude: **5**

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