# *Agrostis capillaris*

## Habitus and growth type

Plant height [m]: **0.37**
Life span: **Perennial**
Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [$mm^2$/mg]: **29.95**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.07**
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: **Acidic**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.2**
Temperature indicator value: **4.9**
Moisture indicator value: **4.9**
Reaction indicator value: **3.5**
Nutrient indicator value: **3.3**
Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.86**

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Disturbance frequency (herb layer): **1.8**
Disturbance severity: **0.52**
Disturbance severity (herb layer): **0.43**
Mowing frequency: **0.58**
Grazing pressure: **0.3**
Soil disturbance: **0.29**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: **CI (NAR) *Nardetea strictae***, **CL (GER) *Trifolio-Geranietea sanguinei***, **CM (MOL) *Molinio-Arrhenatheretea***

### EUNIS habitat

Diagnostic species of EUNIS habitats: **R1M Lowland to montane, dry to mesic grassland usually dominated by Nardus stricta**, **R1P Oceanic to subcontinental inland sand grassland on dry acid and neutral soils**, **R1S Heavy-metal grassland in Western and Central Europe**, **R21 Mesic permanent pasture of lowlands and mountains**, **R22 Low and medium altitude hay meadow**, **R23 Mountain hay meadow**, **R52 Forest fringe of acidic nutrient-poor soils**

Constant species of EUNIS habitats: **N18 Atlantic and Baltic coastal Empetrum heath**, **N19 Atlantic coastal Calluna and Ulex heath**, **N1D Atlantic and Baltic broad-leaved coastal dune forest**, **R1A Semi-dry perennial calcareous grassland (meadow steppe)**, **R1M Lowland to montane, dry to mesic grassland usually dominated by Nardus stricta**, **R1P Oceanic to subcontinental inland sand grassland on dry acid and neutral soils**, **R1Q Inland sanddrift and dune with siliceous grassland**, **R1S Heavy-metal grassland in Western and Central Europe**, **R21 Mesic permanent pasture of lowlands and mountains**, **R22 Low and medium altitude hay meadow**, **R23 Mountain hay meadow**, **R33 Mediterranean short moist grassland of mountains**, **R37 Temperate and boreal moist or wet oligotrophic grassland**, **R42 Boreal and Arctic acidophilous alpine grassland**, **R51 Thermophilous forest fringe of base-rich soils**, **R52 Forest fringe of acidic nutrient-poor soils**, **R54 Pteridium aquilinum vegetation**, **R57 Herbaceous forest clearing vegetation**, **S31 Lowland to montane temperate and submediterranean Juniperus scrub**, **S32 Temperate Rubus scrub**, **S33 Lowland to montane temperate and submediterranean genistoid scrub**, **S34 Balkan-Anatolian submontane genistoid scrub**, **S38 Temperate forest clearing scrub**, **S42 Dry heath**, **T1B Acidophilous Quercus forest**, **T1C Temperate and boreal mountain Betula and Populus tremula forest on mineral soils**, **T35 Temperate continental Pinus sylvestris forest**, **U23 Temperate, lowland to montane siliceous scree**

Dominant species of EUNIS habitats: **R1S Heavy-metal grassland in Western and Central Europe**, **R21 Mesic permanent pasture of lowlands and mountains**, **R22 Low and medium altitude hay meadow**, **R23 Mountain hay meadow**, **R54 Pteridium aquilinum vegetation**

### Broad habitat

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

## Distribution

Continentality amplitude: **6**

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