

# *Agrostis capillaris*

## Habitus and growth type

Plant height [m]: **0.37**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

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

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\*](#), [R1S Heavy-metal grassland in Western and Central Europe](#), [R23 Mountain hay meadow](#)

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](#), [S23 Alpine and subalpine \*Juniperus\* scrub](#), [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](#)

### 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**