Agrostis castellana

Habitus and growth type

Plant height [m]: **0.36**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **8.69**

Flower

Flowering period: **April-June**

Fruit, seed and dispersal

Seed mass [mg]: **0.13**
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 reaction relationship: **Acidic**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.3**
Temperature indicator value: **7.1**
Nutrient indicator value: **2.7**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.72**
Disturbance frequency (herb layer): **1.61**
Disturbance severity: **0.47**
Disturbance severity (herb layer): **0.35**

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Mowing frequency: **0.26**
Grazing pressure: **0.33**
Soil disturbance: **0.2**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **FG (SAC) *Stipo giganteae-Agrostietea castellanae*, FM (PIL) *Saginetea piliferae*, GJ (TOL) *Tolpido azoricae-Holcetea rigidi***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R1J Cyrno-Sardean oromediterranean siliceous dry grassland, R1N Open Iberian supramediterranean dry acid and neutral grassland, R1T Azorean open, dry, acid to neutral grassland, R24 Iberian summer pasture (vallicar), R33 Mediterranean short moist grassland of mountains, S43 Macaronesian heath**

Constant species of EUNIS habitats: **R1J Cyrno-Sardean oromediterranean siliceous dry grassland, R1N Open Iberian supramediterranean dry acid and neutral grassland, R1T Azorean open, dry, acid to neutral grassland, R24 Iberian summer pasture (vallicar), R33 Mediterranean short moist grassland of mountains, S43 Macaronesian heath**

Dominant species of EUNIS habitats: **R24 Iberian summer pasture (vallicar), R33 Mediterranean short moist grassland of mountains**

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Heathland, Scrub**

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