Agrostis stolonifera

Habitus and growth type

Plant height [m]: **0.5**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **36.01**

Flower

Flowering period: **April-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.06**
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: **Wet**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **7.8**
Moisture indicator value: **7**
Nutrient indicator value: **5**
Salinity indicator value: **0.7**

Disturbance indicator values

Disturbance frequency: **1.24**
Disturbance frequency (herb layer): **1.8**
Disturbance severity: **0.48**
Disturbance severity (herb layer): **0.45**

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Mowing frequency: **0.46**
Grazing pressure: **0.35**
Soil disturbance: **0.22**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **MA222 Atlantic upper saltmarsh**, **MA223 Atlantic upper-mid saltmarsh and saline and brackish reed, rush and sedge bed**, **MA232 Baltic coastal meadow**, **N1H Atlantic and Baltic moist and wet dune slack**, **R36 Moist or wet mesotrophic to eutrophic pasture**

Constant species of EUNIS habitats: **MA211 Arctic coastal saltmarsh**, **MA221 Atlantic saltmarsh driftline**, **MA222 Atlantic upper saltmarsh**, **MA223 Atlantic upper-mid saltmarsh and saline and brackish reed, rush and sedge bed**, **MA232 Baltic coastal meadow**, **N1H Atlantic and Baltic moist and wet dune slack**, **N1J Mediterranean and Black Sea moist and wet dune slack**, **N34 Atlantic and Baltic soft sea cliff**, **P2N Spring**, **Q41 Alkaline, calcareous, carbonate-rich small-sedge spring fen**, **Q45 Arctic-alpine rich fen**, **Q46 Carpathian travertine fen with halophytes**, **Q52 Small-helophyte bed**, **Q54 Inland saline or brackish helophyte bed**, **Q61 Periodically exposed shore with stable, eutrophic sediments with pioneer or ephemeral vegetation**, **Q62 Periodically exposed shore with stable, mesotrophic sediments with pioneer or ephemeral vegetation**, **R21 Mesic permanent pasture of lowlands and mountains**, **R31 Mediterranean tall humid inland grassland**, **R32 Mediterranean short moist grassland of lowlands**, **R34 Submediterranean moist meadow**, **R35 Moist or wet mesotrophic to eutrophic hay meadow**, **R36 Moist or wet mesotrophic to eutrophic pasture**, **R37 Temperate and boreal moist or wet oligotrophic grassland**, **R55 Lowland moist or wet tall-herb and fern fringe**, **R63 Temperate inland salt marsh**, **R65 Continental subsaline alluvial pasture and meadow**, **S91 Temperate riparian scrub**, **S92 Salix fen scrub**, **T11 Temperate Salix and Populus riparian forest**, **U25 Boreal and Arctic base-rich scree and block field**, **U71 Unvegetated or sparsely vegetated gravel bar in montane and alpine regions**

Dominant species of EUNIS habitats: **MA222 Atlantic upper saltmarsh**, **MA223 Atlantic upper-mid saltmarsh and saline and brackish reed, rush and sedge bed**, **MA232 Baltic coastal meadow**, **R21 Mesic permanent pasture of lowlands and mountains**, **R36 Moist or wet mesotrophic to eutrophic pasture**

Broad habitat

Occurrence in broad habitats: **Coastal saltmarsh, Coastal cliff, Aquatic, Spring, Wetland, Mire, Grassland (non-alpine, non-saline), Saline vegetation, Scrub, Forest, Sparsely vegetated (incl. rock and scree), Synanthropic**

Distribution

Continentality amplitude: **8**

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