Festuca rubra aggr.

Habitus and growth type

Plant height [m]: **0.6**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **9.55**

Flower

Flowering period: **April-October**

Fruit, seed and dispersal

Seed mass [mg]: **1.34**
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**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.7**
Moisture indicator value: **5.1**
Salinity indicator value: **0.7**

Disturbance indicator values

Disturbance frequency: **1.23**
Disturbance frequency (herb layer): **1.85**
Disturbance severity: **0.49**
Disturbance severity (herb layer): **0.46**

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Mowing frequency: **0.62**
Grazing pressure: **0.29**
Soil disturbance: **0.3**

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**, **N34 Atlantic and Baltic soft sea cliff**, **R21 Mesic permanent pasture of lowlands and mountains**, **R22 Low and medium altitude hay meadow**, **R23 Mountain hay meadow**

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**, **MA224 Atlantic mid-low saltmarsh**, **MA232 Baltic coastal meadow**, **N13 Atlantic and Baltic shifting coastal dune**, **N15 Atlantic and Baltic coastal dune grassland (grey dune)**, **N18 Atlantic and Baltic coastal Empetrum heath**, **N19 Atlantic coastal Calluna and Ulex heath**, **N1A Atlantic and Baltic coastal dune scrub**, **N1D Atlantic and Baltic broad-leaved coastal dune forest**, **N1H Atlantic and Baltic moist and wet dune slack**, **N21 Atlantic, Baltic and Arctic coastal shingle beach**, **N31 Atlantic and Baltic rocky sea cliff and shore**, **N34 Atlantic and Baltic soft sea cliff**, **Q22 Poor fen**, **Q23 Relict mire of Mediterranean mountains**, **Q24 Intermediate fen and soft-water spring mire**, **Q41 Alkaline, calcareous, carbonate-rich small-sedge spring fen**, **Q42 Extremely rich moss-sedge fen**, **Q46 Carpathian travertine fen with halophytes**, **R18 Perennial rocky calcareous grassland of subatlantic-submediterranean Europe**, **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**, **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**, **R32 Mediterranean short moist grassland of lowlands**, **R35 Moist or wet mesotrophic to eutrophic hay meadow**, **R37 Temperate and boreal moist or wet oligotrophic grassland**, **R42 Boreal and Arctic acidophilous alpine grassland**, **R43 Temperate acidophilous alpine grassland**, **R51 Thermophilous forest fringe of base-rich soils**, **R52 Forest fringe of acidic nutrient-poor soils**, **R54 Pteridium aquilinum vegetation**, **S22 Alpine and subalpine ericoid heath**, **S23 Alpine and subalpine Juniperus scrub**, **S24 Subalpine genistoid scrub of the Amphi-Adriatic region**, **S31 Lowland to montane temperate and submediterranean Juniperus scrub**, **S33 Lowland to montane temperate and submediterranean genistoid scrub**, **S42 Dry heath**, **S74 Central Mediterranean mountain hedgehog-heath**, **S91 Temperate riparian scrub**, **S92 Salix fen scrub**, **T34 Temperate subalpine Larix, Pinus cembra and Pinus uncinata forest**, **U35 Boreal and Arctic base-rich inland cliff**, **U61 Subarctic volcanic field**

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**, **N34 Atlantic and Baltic soft sea cliff**, **R21 Mesic permanent pasture of lowlands and mountains**, **R22 Low and medium altitude hay meadow**, **R23 Mountain hay meadow**

Broad habitat

Occurrence in broad habitats: **Coastal saltmarsh, Coastal beach, dune or shingle,**

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Coastal cliff, Wetland, Mire, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Heathland, Oromediterranean scrub, Scrub, Forest, Sparsely vegetated (incl. rock and scree)

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