Anthoxanthum odoratum aggr.

Habitus and growth type

Plant height [m]: **0.33**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **24.31**

Flower

Flowering period: **March-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.56**
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: **Acidic**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.3**
Temperature indicator value: **3.9**
Nutrient indicator value: **3.2**
Salinity indicator value: **0.1**

Disturbance indicator values

Disturbance frequency: **0.99**
Disturbance frequency (herb layer): **1.79**
Disturbance severity: **0.49**

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Disturbance severity (herb layer): **0.43**
Mowing frequency: **0.58**
Grazing pressure: **0.25**
Soil disturbance: **0.26**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **R22 Low and medium altitude hay meadow**, **R23 Mountain hay meadow**, **R34 Submediterranean moist meadow**, **R37 Temperate and boreal moist or wet oligotrophic grassland**, **R42 Boreal and Arctic acidophilous alpine grassland**, **U21 Boreal and Arctic siliceous scree and block field**

Constant species of EUNIS habitats: **N18 Atlantic and Baltic coastal Empetrum heath**, **N19 Atlantic coastal Calluna and Ulex heath**, **N1F Baltic coniferous coastal dune forest**, **N1H Atlantic and Baltic moist and wet dune slack**, **Q22 Poor fen**, **Q24 Intermediate fen and soft-water spring mire**, **Q42 Extremely rich moss-sedge fen**, **R14 Perennial rocky grassland of the Italian Peninsula**, **R1A Semi-dry perennial calcareous grassland (meadow steppe)**, **R1J Cyrno-Sardean oromediterranean siliceous dry grassland**, **R1L Madeiran oromediterranean siliceous dry grassland**, **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**, **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**, **R34 Submediterranean moist meadow**, **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**, **R52 Forest fringe of acidic nutrient-poor soils**, **R54 Pteridium aquilinum vegetation**, **S21 Subarctic and alpine dwarf Salix scrub**, **S22 Alpine and subalpine ericoid heath**, **S23 Alpine and subalpine Juniperus scrub**, **S25 Subalpine and subarctic deciduous scrub**, **S31 Lowland to montane temperate and submediterranean Juniperus scrub**, **S33 Lowland to montane temperate and submediterranean genistoid scrub**, **S34 Balkan-Anatolian submontane genistoid scrub**, **S42 Dry heath**, **S43 Macaronesian heath**, **S74 Central Mediterranean mountain hedgehog-heath**, **T1B Acidophilous Quercus forest**, **T1C Temperate and boreal mountain Betula and Populus tremula forest on mineral soils**, **T1D Southern European mountain Betula and Populus tremula forest on mineral soils**, **T34 Temperate subalpine Larix, Pinus cembra and Pinus uncinata forest**, **T35 Temperate continental Pinus sylvestris forest**, **T37 Mediterranean montane Pinus sylvestris-Pinus nigra forest**, **U21 Boreal and Arctic siliceous scree and block field**, **U25 Boreal and Arctic base-rich scree and block field**, **U35 Boreal and Arctic base-rich inland cliff**

Broad habitat

Occurrence in broad habitats: **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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