

Anthoxanthum odoratum aggr.

Habitus and growth type

Plant height [m]: **0.33**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/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**

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)**