

# *Anthoxanthum aristatum*

## Habitus and growth type

Plant height [m]: **0.19**

Life span: **Annual**

Life form: **Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **27.67**

## Flower

Flowering period: **April-June**

## Fruit, seed and dispersal

Seed mass [mg]: **0.3**

Dispersal mode: **Local non-specific dispersal, Anthropochory**

Dispersal distance class: **1, 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: **Dry**

Substrate reaction relationship: **Acidic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.4**

Temperature indicator value: **7**

Moisture indicator value: **2.7**

Reaction indicator value: **2.8**

Nutrient indicator value: **3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.59**

Disturbance frequency (herb layer): **2.06**

Disturbance severity: **0.62**

Disturbance severity (herb layer): **0.61**

Mowing frequency: **0.39**

Grazing pressure: **0.22**

Soil disturbance: **0.53**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CJ \(COR\) \*Koelerio-Coryneporetea canescentis\*](#), [FI \(TUB\) \*Helianthemetea guttati\*](#), [QA \(PAR\) \*Papaveretea rhoeadis\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R1R Mediterranean to Atlantic open, dry, acid and neutral grassland](#), [R24 Iberian summer pasture \(vallicar\)](#)

Constant species of EUNIS habitats: [R1R Mediterranean to Atlantic open, dry, acid and neutral grassland](#), [R24 Iberian summer pasture \(vallicar\)](#), [R33 Mediterranean short moist grassland of mountains](#)

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Synanthropic**

## Distribution

Continentality: **2**

Continentality amplitude: **2**