

Setaria verticillata

Habitus and growth type

Plant height [m]: **0.45**

Life span: **Annual**

Life form: **Therophyte**

Flower

Flowering period: **April-October**

Fruit, seed and dispersal

Seed mass [mg]: **0.85**

Dispersal mode: **Epizoochory**

Dispersal distance class: **6**

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: **Slightly acidic to near-neutral**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.3**

Temperature indicator value: **7.4**

Moisture indicator value: **4.3**

Reaction indicator value: **5.3**

Nutrient indicator value: **7.3**

Salinity indicator value: **0.2**

Disturbance indicator values

Disturbance frequency: **2.02**

Disturbance frequency (herb layer): **2.16**

Disturbance severity: **0.86**

Disturbance severity (herb layer): **0.85**

Mowing frequency: **1.17**

Grazing pressure: **0.14**

Soil disturbance: **0.7**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [QD \(DIG\) *Digitario sanguinalis-Eragrostietea minoris*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [V34 Trampled xeric grassland with annuals](#)

Constant species of EUNIS habitats: [V34 Trampled xeric grassland with annuals](#)

Broad habitat

Occurrence in broad habitats: **Wetland, Sparsely vegetated (incl. rock and scree), Synanthropic**

Distribution

Continentality: **6**

Continentality amplitude: **6**