

Stipa capensis

Habitus and growth type

Plant height [m]: **0.33**

Life span: **Annual**

Life form: **Therophyte**

Leaf

Specific leaf area [mm²/mg]: **14.77**

Flower

Flowering period: **February-May**

Fruit, seed and dispersal

Seed mass [mg]: **1.68**

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: **Mesotrophic**

Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **9**

Temperature indicator value: **10.5**

Moisture indicator value: **1**

Reaction indicator value: **7.5**

Nutrient indicator value: **6**

Salinity indicator value: **0.5**

Disturbance indicator values

Disturbance frequency: **1.14**

Disturbance frequency (herb layer): **1.85**
Disturbance severity: **0.82**
Disturbance severity (herb layer): **0.72**
Mowing frequency: **0.25**
Grazing pressure: **0.34**
Soil disturbance: **0.34**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [FJ \(TRA\) Stipo-Trachynietea distachyae](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [R1F Mediterranean annual-rich dry grassland](#)

Constant species of EUNIS habitats: [R1F Mediterranean annual-rich dry grassland](#)

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Sparsely vegetated (incl. rock and scree)**