Ornithopus pinnatus

Habitus and growth type

Plant height [m]: **0.15**
Life span: **Annual**
Life form: **Therophyte**

Flower

Flowering period: **March-June**

Fruit, seed and dispersal

Seed mass [mg]: **1**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **1**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**
Carnivory: **non-carnivorous**
Symbiotic nitrogen fixation: **symbiosis with rhizobia**

Taxon origin

Origin in Europe: **Native**

Ecology

Environmental relationships

Substrate reaction relationship: **Acidic**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.3**
Temperature indicator value: **9**
Reaction indicator value: **4.3**
Salinity indicator value: **0.3**

Disturbance indicator values

Disturbance frequency: **1.52**
Disturbance frequency (herb layer): **2.05**
Disturbance severity: **0.46**
Disturbance severity (herb layer): **0.44**
Mowing frequency: **0.5**
Grazing pressure: **0.28**
Soil disturbance: **0.28**

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Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **FI (TUB) *Helianthemetea guttati***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R1R Mediterranean to Atlantic open, dry, acid and neutral grassland**

Constant species of EUNIS habitats: **R1R Mediterranean to Atlantic open, dry, acid and neutral grassland**

Broad habitat

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

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