

Scleranthus verticillatus

Habitus and growth type

Plant height [m]: **0.08**

Life span: **Annual**

Life form: **Therophyte**

Flower

Flowering period: **February-June**

Fruit, seed and dispersal

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

Dispersal distance class: **1**

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: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.6**

Moisture indicator value: **3**

Nutrient indicator value: **2.3**

Salinity indicator value: **0.3**

Disturbance indicator values

Disturbance frequency: **2.11**

Disturbance frequency (herb layer): **2.11**

Disturbance severity: **0.62**

Disturbance severity (herb layer): **0.62**

Mowing frequency: **0.26**

Grazing pressure: **0.52**

Soil disturbance: **0.39**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CK \(SED\) *Sedo-Scleranthetea*](#), [FI \(TUB\) *Helianthemetea guttati*](#)

Broad habitat

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

Distribution

Continentality: **7**

Continentality amplitude: **2**