

# *Scleranthus polycarpus*

## Habitus and growth type

Plant height [m]: **0.09**

Life span: **Annual**

Life form: **Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **44.56**

## Flower

Flowering period: **March-June**

## Fruit, seed and dispersal

Seed mass [mg]: **1.71**

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: **Acidic**

Nutrient relationship: **Dystrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.6**

Moisture indicator value: **3**

Nutrient indicator value: **1.9**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **2.06**

Disturbance frequency (herb layer): **2.18**

Disturbance severity: **0.45**

Disturbance severity (herb layer): **0.45**

Mowing frequency: **0.49**

Grazing pressure: **0.37**

Soil disturbance: **0.4**

## Habitat and sociology

### Syntaxon

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

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R12 Cryptogam- and annual-dominated vegetation on siliceous rock outcrops](#)

### Broad habitat

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

## Distribution

Continentality: **5**

Continentality amplitude: **3**