

# *Moraea sisyrinchium*

## Habitus and growth type

Plant height [m]: **0.34**

Life span: **Perennial**

Life form: **Geophyte**

## Flower

Flowering period: **March-May**

## Fruit, seed and dispersal

Seed mass [mg]: **3.07**

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

Dispersal distance class: **2**

## 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: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.8**

Temperature indicator value: **9**

Moisture indicator value: **3.3**

Nutrient indicator value: **4.8**

Salinity indicator value: **0.3**

### Disturbance indicator values

Disturbance frequency: **0.89**

Disturbance frequency (herb layer): **1.5**

Disturbance severity: **0.71**

Disturbance severity (herb layer): **0.58**

Mowing frequency: **0.14**

Grazing pressure: **0.39**

Soil disturbance: **0.29**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: **FF (LYG) *Lygeo sparti-Stipetea tenacissimae***, **FH (BUL) *Poetea bulbosae***

### Broad habitat

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