

# *Asphodelus fistulosus*

## Habitus and growth type

Plant height [m]: **0.4**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **9.05**

## Flower

Flowering period: **February-May**

## Fruit, seed and dispersal

Seed mass [mg]: **2.9**

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: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.3**

Temperature indicator value: **9**

Moisture indicator value: **3**

Reaction indicator value: **6.5**

Nutrient indicator value: **6.3**

Salinity indicator value: **0.3**

### Disturbance indicator values

Disturbance frequency: **1.14**

Disturbance frequency (herb layer): **1.9**  
Disturbance severity: **0.74**  
Disturbance severity (herb layer): **0.69**  
Mowing frequency: **0.35**  
Grazing pressure: **0.32**  
Soil disturbance: **0.37**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [QC \(CHE\) \*Chenopodietea\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [S66 Mediterranean halo-nitrophilous scrub](#)

### Broad habitat

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