

# *Allium guttatum*

## Habitus and growth type

Plant height [m]: **0.41**

Life span: **Perennial**

Life form: **Geophyte**

## Flower

Flowering period: **March-June**

## Fruit, seed and dispersal

Seed mass [mg]: **0.56**

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: **Slightly acidic to near-neutral**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **7.8**

Moisture indicator value: **3.6**

Reaction indicator value: **7**

Nutrient indicator value: **2.5**

Salinity indicator value: **0.5**

### Disturbance indicator values

Disturbance frequency: **1.06**

Disturbance frequency (herb layer): **1.81**

Disturbance severity: **0.53**

Disturbance severity (herb layer): **0.46**

Mowing frequency: **0.31**

Grazing pressure: **0.4**

Soil disturbance: **0.23**

### **Habitat and sociology**

Broad habitat

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