

# *Gladiolus italicus*

## Habitus and growth type

Plant height [m]: **0.67**

Life span: **Perennial**

Life form: **Geophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **19.94**

## Flower

Flowering period: **March-May**

## Fruit, seed and dispersal

Seed mass [mg]: **9.25**

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

Dispersal distance class: **2, 7**

## 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**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.6**

Moisture indicator value: **4.1**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.56**

Disturbance frequency (herb layer): **1.74**

Disturbance severity: **0.79**

Disturbance severity (herb layer): **0.6**

Mowing frequency: **0.29**

Grazing pressure: **0.2**

Soil disturbance: **0.44**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [FF \(LYG\) \*Lygeo sparti-Stipetea tenacissimae\*](#), [QC \(CHE\) \*Chenopodietea\*](#)

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Synanthropic**