Gladiolus italicus

Habitus and growth type

Plant height [m]: **0.67**
Life span: **Perennial**
Life form: **Geophyte**

Leaf

Specific leaf area [mm^2/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**

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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**

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