Gladiolus imbricatus

Habitus and growth type

Plant height [m]: **0.41**
Life span: **Perennial**
Life form: **Geophyte**

Leaf

Specific leaf area [mm^2/mg]: **16.3**

Flower

Flowering period: **April-June**

Fruit, seed and dispersal

Seed mass [mg]: **2.84**
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: **Mesic**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.5**
Moisture indicator value: **6.2**
Reaction indicator value: **6.8**
Nutrient indicator value: **3**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.18**
Disturbance frequency (herb layer): **1.97**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz

Disturbance severity: **0.52**
Disturbance severity (herb layer): **0.49**
Mowing frequency: **0.99**
Grazing pressure: **0.18**
Soil disturbance: **0.25**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CM (MOL) *Molinio-Arrhenatheretea***

Broad habitat

Occurrence in broad habitats: **Aquatic, Wetland, Grassland (non-alpine, non-saline), Scrub, Forest**

Distribution

Continentality: **7**
Continentality amplitude: **2**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz