Gaudinia fragilis

Habitus and growth type

Plant height [m]: **0.52**
Life span: **Annual**
Life form: **Therophyte**

Flower

Flowering period: **March-June**

Fruit, seed and dispersal

Seed mass [mg]: **1.28**
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: **Slightly acidic to near-neutral**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.1**
Moisture indicator value: **4.4**
Reaction indicator value: **5.8**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.63**
Disturbance frequency (herb layer): **2.11**
Disturbance severity: **0.56**
Disturbance severity (herb layer): **0.54**
Mowing frequency: **0.68**
Grazing pressure: **0.25**

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

Soil disturbance: **0.34**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CM (MOL) *Molinio-Arrhenatheretea*, FG (SAC) *Stipo giganteae-Agrostietea castellanae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R24 Iberian summer pasture (vallicar)**

Broad habitat

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

Distribution

Continentality amplitude: **5**

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