

# *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**

Soil disturbance: **0.34**

## Habitat and sociology

### Syntaxon

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

### Broad habitat

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

## Distribution

Continentality amplitude: 5