

Gagea pusilla

Habitus and growth type

Plant height [m]: **0.09**

Life span: **Perennial**

Life form: **Geophyte**

Flower

Flowering period: **February-April**

Fruit, seed and dispersal

Dispersal mode: **Myrmecochory**

Dispersal distance class: **3**

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**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7**

Temperature indicator value: **6**

Moisture indicator value: **3**

Reaction indicator value: **7.3**

Nutrient indicator value: **4.3**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.4**

Disturbance frequency (herb layer): **1.93**

Disturbance severity: **0.5**

Disturbance severity (herb layer): **0.48**

Mowing frequency: **0.7**

Grazing pressure: **0.42**

Soil disturbance: **0.2**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [DA \(FES\) Festuco-Brometea](#)

Broad habitat

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