

Gentianella lutescens

Habitus and growth type

Plant height [m]: **0.2**

Life span: **Biennial or short-lived**

Life form: **Hemicryptophyte**

Flower

Flowering period: **May-September**

Fruit, seed and dispersal

Seed mass [mg]: **0.19**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **1**

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: **Slightly acidic to near-neutral**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7**

Temperature indicator value: **4.3**

Moisture indicator value: **4**

Reaction indicator value: **6**

Nutrient indicator value: **2.5**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.4**

Disturbance frequency (herb layer): **1.91**

Disturbance severity: **0.39**

Disturbance severity (herb layer): **0.37**

Mowing frequency: **0.24**

Grazing pressure: **0.25**

Soil disturbance: **0.18**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CI \(NAR\) *Nardetea strictae*](#)

Broad habitat

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

Distribution

Continentality: **5**

Continentality amplitude: **1**