

Gentianella anisodonta

Habitus and growth type

Plant height [m]: **0.15**

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

Life form: **Hemicryptophyte**

Flower

Flowering period: **May-October**

Fruit, seed and dispersal

Seed mass [mg]: **0.2**

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: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **2.7**

Moisture indicator value: **4**

Reaction indicator value: **7**

Nutrient indicator value: **2.5**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.72**

Disturbance frequency (herb layer): **0.91**

Disturbance severity: **0.33**

Disturbance severity (herb layer): **0.26**

Mowing frequency: **0.04**

Grazing pressure: **0.22**

Soil disturbance: **0.08**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CU \(SES\) *Elyno-Seslerietea*](#)

Broad habitat

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