

# *Gentiana prostrata*

## Habitus and growth type

Plant height [m]: **0.03**

Life span: **Annual**

Life form: **Therophyte**

## Flower

Flowering period: **June-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.08**

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: **9**

Temperature indicator value: **1.5**

Moisture indicator value: **4**

Reaction indicator value: **7**

Nutrient indicator value: **2**

Salinity indicator value: **0**

## Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [AB \(KOB\) \*Carici rupestris-Kobresietea bellardii\*](#)

## Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Oromediterranean scrub, Sparsely vegetated (incl. rock and scree)**