

# *Gymnadenia rhellicani*

## Habitus and growth type

Plant height [m]: **0.19**

Life span: **Perennial**

Life form: **Geophyte**

## Flower

Flowering period: **June-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0**

Dispersal mode: **Anemochory**

Dispersal distance class: **5**

## Trophic mode

Parasitism and mycoheterotrophy: **initial or partial mycoheterotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

## Taxon origin

Origin in Europe: **native**

## Ecology

### Environmental relationships

Substrate humidity relationship: **Mesic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.3**

Temperature indicator value: **2.1**

Moisture indicator value: **5**

Nutrient indicator value: **2.7**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.31**

Disturbance frequency (herb layer): **1.49**

Disturbance severity: **0.36**

Disturbance severity (herb layer): **0.31**

Mowing frequency: **0.08**

Grazing pressure: **0.27**

Soil disturbance: **0.09**

## **Habitat and sociology**

Syntaxon

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

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline)**

## **Distribution**

Continentality: **5**

Continentality amplitude: **1**