

# *Orobanche gracilis*

## Habitus and growth type

Plant height [m]: **0.33**

Life span: **Perennial**

Life form: **Geophyte**

## Flower

Flowering period: **March-July**

## Fruit, seed and dispersal

Seed mass [mg]: **0.03**

Dispersal mode: **Anemochory**

Dispersal distance class: **5**

## Trophic mode

Parasitism and mycoheterotrophy: **obligate root parasite**

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: **7.8**

Temperature indicator value: **8.2**

Moisture indicator value: **3**

Reaction indicator value: **7.8**

Nutrient indicator value: **2.4**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.86**

Disturbance frequency (herb layer): **1.81**

Disturbance severity: **0.52**

Disturbance severity (herb layer): **0.42**

Mowing frequency: **0.58**

Grazing pressure: **0.28**

Soil disturbance: **0.15**

## **Habitat and sociology**

### Syntaxon

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

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R17 Heavy-metal dry grassland of the Balkans](#), [S24 Subalpine genistoid scrub of the Amphi-Adriatic region](#)

Constant species of EUNIS habitats: [R17 Heavy-metal dry grassland of the Balkans](#)

### Broad habitat

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

## **Distribution**

Continentality: **3**

Continentality amplitude: **3**