

# *Gymnadenia nigra* aggr.

## Habitus and growth type

Plant height [m]: **0.17**

Life span: **Perennial**

Life form: **Geophyte**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.2**

Temperature indicator value: **2.6**

Moisture indicator value: **4.7**

Reaction indicator value: **7.9**

Nutrient indicator value: **2.3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.59**

Disturbance frequency (herb layer): **1.76**

Disturbance severity: **0.35**

Disturbance severity (herb layer): **0.34**

Mowing frequency: **0.11**

Grazing pressure: **0.28**

Soil disturbance: **0.11**

### **Habitat and sociology**

Broad habitat

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