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**

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Grazing pressure: **0.28**
Soil disturbance: **0.11**

Habitat and sociology

Broad habitat

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

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