

# ***Herminium monorchis***

## **Habitus and growth type**

Plant height [m]: **0.14**

Life span: **Perennial**

Life form: **Geophyte**

## **Flower**

Flowering period: **April-July**

## **Fruit, seed and dispersal**

Seed mass [mg]: **0.01**

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 reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### **Ellenberg-type indicator values**

Light indicator value: **7.3**

Temperature indicator value: **4.7**

Reaction indicator value: **8**

Nutrient indicator value: **2.8**

Salinity indicator value: **0**

### **Disturbance indicator values**

Disturbance frequency: **1.38**

Disturbance frequency (herb layer): **1.93**

Disturbance severity: **0.48**

Disturbance severity (herb layer): **0.45**

Mowing frequency: **0.79**

Grazing pressure: **0.27**

Soil disturbance: **0.13**

## Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CM \(MOL\) \*Molinio-Arrhenatheretea\*](#),  
[PA \(SCH\) \*Scheuchzerio palustris-Caricetea fuscae\*](#)

Broad habitat

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

## Distribution

Continentality: **6**

Continentality amplitude: **5**