

# *Mandragora autumnalis*

## Habitus and growth type

Plant height [m]: **0.2**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Flower

Flowering period: **February-April, August-November**

## Fruit, seed and dispersal

Seed mass [mg]: **13.25**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **1**

## Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

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: **Eutrophic**

Salinity relationship: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **7.5**

Temperature indicator value: **10**

Moisture indicator value: **3.5**

Reaction indicator value: **7.5**

Nutrient indicator value: **7**

Salinity indicator value: **0.5**

### Disturbance indicator values

Disturbance frequency: **0.62**

Disturbance frequency (herb layer): **1.54**

Disturbance severity: **0.72**

Disturbance severity (herb layer): **0.44**

Mowing frequency: **0.11**

Grazing pressure: **0.33**

Soil disturbance: **0.25**

### **Habitat and sociology**

Broad habitat

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