

# *Helleborus orientalis*

## Habitus and growth type

Plant height [m]: **0.35**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Flower

Flowering period: **January-March**

## Fruit, seed and dispersal

Dispersal mode: **Myrmecochory**

Dispersal distance class: **3**

## 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: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7**

Temperature indicator value: **7**

Moisture indicator value: **6**

Reaction indicator value: **8**

Nutrient indicator value: **8**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.01**

Disturbance frequency (herb layer): **1.31**

Disturbance severity: **0.7**

Disturbance severity (herb layer): **0.11**

Mowing frequency: **0**

Grazing pressure: **0.2**

Soil disturbance: **0.1**

### **Habitat and sociology**

Broad habitat

Occurrence in broad habitats: **Scrub, Forest**