

# ***Bellevalia romana***

## **Habitus and growth type**

Plant height [m]: **0.3**

Life span: **Perennial**

Life form: **Geophyte**

## **Flower**

Flowering period: **February-April**

## **Fruit, seed and dispersal**

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

Dispersal distance class: **2**

## **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: **Wet**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

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

Light indicator value: **8**

Temperature indicator value: **7.7**

Moisture indicator value: **6.5**

Reaction indicator value: **6**

Nutrient indicator value: **4.5**

Salinity indicator value: **0**

### **Disturbance indicator values**

Disturbance frequency: **0.92**

Disturbance frequency (herb layer): **1.77**

Disturbance severity: **0.65**

Disturbance severity (herb layer): **0.57**

Mowing frequency: **0.79**

Grazing pressure: **0.19**

Soil disturbance: **0.35**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [CM \(MOL\) \*Molinio-Arrhenatheretea\*](#)

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Sparsely vegetated (incl. rock and scree)**