

# ***Bunium bulbocastanum***

## **Habitus and growth type**

Plant height [m]: **0.46**

Life span: **Perennial**

Life form: **Geophyte**

## **Leaf**

Specific leaf area [mm<sup>2</sup>/mg]: **17.71**

## **Flower**

Flowering period: **April-July**

## **Fruit, seed and dispersal**

Seed mass [mg]: **1.4**

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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

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

Light indicator value: **7.2**

Temperature indicator value: **7**

Moisture indicator value: **4.2**

Reaction indicator value: **8.8**

Nutrient indicator value: **4.4**

Salinity indicator value: **0**

### **Disturbance indicator values**

Disturbance frequency: **0.64**

Disturbance frequency (herb layer): **1.67**  
Disturbance severity: **0.57**  
Disturbance severity (herb layer): **0.42**  
Mowing frequency: **0.32**  
Grazing pressure: **0.27**  
Soil disturbance: **0.24**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [QC \(CHE\) \*Chenopodietea\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R14 Perennial rocky grassland of the Italian Peninsula](#)

### Broad habitat

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

## **Distribution**

Continentality: **2**

Continentality amplitude: **2**