

Bunium bulbocastanum

Habitus and growth type

Plant height [m]: **0.46**

Life span: **Perennial**

Life form: **Geophyte**

Leaf

Specific leaf area [mm²/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**