

Ecballium elaterium

Habitus and growth type

Plant height [m]: **0.48**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

Flower

Flowering period: **April-September**

Fruit, seed and dispersal

Seed mass [mg]: **15.51**

Dispersal mode: **Endozoochory**

Dispersal distance class: **6**

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: **7.7**

Temperature indicator value: **8.8**

Moisture indicator value: **4.6**

Reaction indicator value: **7.6**

Nutrient indicator value: **7.3**

Salinity indicator value: **0.3**

Disturbance indicator values

Disturbance frequency: **1.66**

Disturbance frequency (herb layer): **1.83**

Disturbance severity: **0.85**

Disturbance severity (herb layer): **0.84**

Mowing frequency: **0.82**

Grazing pressure: **0.17**

Soil disturbance: **0.56**

Habitat and sociology

Syntaxon

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

Broad habitat

Occurrence in broad habitats: **Sparsely vegetated (incl. rock and scree),
Synanthropic**

Distribution

Continentality amplitude: **6**