

# ***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**