

# ***Bunias orientalis***

## **Habitus and growth type**

Plant height [m]: **0.71**

Life span: **Biennial or short-lived, Perennial**

Life form: **Hemicryptophyte**

## **Leaf**

Specific leaf area [mm<sup>2</sup>/mg]: **23.66**

## **Flower**

Flowering period: **May-July**

## **Fruit, seed and dispersal**

Seed mass [mg]: **25.46**

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

Dispersal distance class: **2, 7**

## **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: **Mesotrophic**

Salinity relationship: **Non-saline**

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

Light indicator value: **7.1**

Temperature indicator value: **5.8**

Moisture indicator value: **4.7**

Reaction indicator value: **7.6**

Nutrient indicator value: **5.6**

Salinity indicator value: **0.2**

### **Disturbance indicator values**

Disturbance frequency: **1.4**

Disturbance frequency (herb layer): **1.72**

Disturbance severity: **0.67**

Disturbance severity (herb layer): **0.66**

Mowing frequency: **1.06**

Grazing pressure: **0.15**

Soil disturbance: **0.33**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [QB \(SIS\) Sisymbrietea](#)

### Broad habitat

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

## **Distribution**

Continentality: **6**

Continentality amplitude: **5**