

# ***Bupleurum rotundifolium***

## **Habitus and growth type**

Plant height [m]: **0.36**

Life span: **Annual**

Life form: **Therophyte**

## **Leaf**

Specific leaf area [mm<sup>2</sup>/mg]: **28.24**

## **Flower**

Flowering period: **April-June**

## **Fruit, seed and dispersal**

Seed mass [mg]: **2.91**

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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

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

Light indicator value: **7.9**

Temperature indicator value: **6.8**

Moisture indicator value: **3.5**

Reaction indicator value: **8.8**

Nutrient indicator value: **4.2**

Salinity indicator value: **0**

### **Disturbance indicator values**

Disturbance frequency: **1.13**

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

Disturbance severity: **0.8**

Disturbance severity (herb layer): **0.76**

Mowing frequency: **0.39**

Grazing pressure: **0.16**

Soil disturbance: **0.69**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [QA \(PAR\) \*Papaveretea rhoeadis\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [N1E Black Sea broad-leaved coastal dune forest](#)

### Broad habitat

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

## **Distribution**

Continentality: **5**

Continentality amplitude: **3**