# *Bupleurum rotundifolium*

## Habitus and growth type

Plant height [m]: **0.36**
Life span: **Annual**
Life form: **Therophyte**

## Leaf

Specific leaf area [$mm^2$/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**

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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**

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