

# *Ranunculus asiaticus*

## Habitus and growth type

Plant height [m]: **0.27**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Flower

Flowering period: **March-May**

## Fruit, seed and dispersal

Seed mass [mg]: **0.41**

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

Dispersal distance class: **1**

## 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: **Eutrophic**

Salinity relationship: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **10**

Moisture indicator value: **2**

Reaction indicator value: **7.5**

Nutrient indicator value: **6**

Salinity indicator value: **0.5**

### Disturbance indicator values

Disturbance frequency: **1.13**

Disturbance frequency (herb layer): **1.98**

Disturbance severity: **0.81**

Disturbance severity (herb layer): **0.62**

Mowing frequency: **0.16**

Grazing pressure: **0.35**

Soil disturbance: **0.35**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [FB \(ROS\) \*Ononido-Rosmarinetea\*](#), [FF \(LYG\) \*Lygeo sparti-Stipetea tenacissimae\*](#)

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub**