

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**