

Ranunculus muricatus

Habitus and growth type

Plant height [m]: **0.19**

Life span: **Annual**

Life form: **Therophyte**

Flower

Flowering period: **February-April**

Fruit, seed and dispersal

Seed mass [mg]: **11.59**

Dispersal mode: **Epizoochory**

Dispersal distance class: **6**

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 reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.2**

Reaction indicator value: **4.8**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.15**

Disturbance frequency (herb layer): **1.96**

Disturbance severity: **0.72**

Disturbance severity (herb layer): **0.68**

Mowing frequency: **0.37**

Grazing pressure: **0.23**

Soil disturbance: **0.36**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [OC \(ISO\) *Isoëto-Nanojuncetea*](#), [QC \(CHE\) *Chenopodietea*](#)

Broad habitat

Occurrence in broad habitats: **Wetland, Synanthropic**