

# *Ranunculus sceleratus*

## Habitus and growth type

Plant height [m]: **0.45**

Life span: **Annual**

Life form: **Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **34.41**

## Flower

Flowering period: **March-June**

## Fruit, seed and dispersal

Seed mass [mg]: **0.17**

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 humidity relationship: **Wet**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Hypertrophic**

Salinity relationship: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **8.4**

Temperature indicator value: **5.9**

Moisture indicator value: **8.8**

Reaction indicator value: **7.1**

Nutrient indicator value: **8.7**

Salinity indicator value: **1.4**

### Disturbance indicator values

Disturbance frequency: **1.59**

Disturbance frequency (herb layer): **1.87**  
Disturbance severity: **0.47**  
Disturbance severity (herb layer): **0.46**  
Mowing frequency: **0.26**  
Grazing pressure: **0.28**  
Soil disturbance: **0.18**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [QI \(BID\) Bidentetea](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [Q61 Periodically exposed shore with stable, eutrophic sediments with pioneer or ephemeral vegetation](#)

Constant species of EUNIS habitats: [Q61 Periodically exposed shore with stable, eutrophic sediments with pioneer or ephemeral vegetation](#)

### Broad habitat

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

## **Distribution**

Continentality amplitude: **8**