

# *Rorippa islandica*

## Habitus and growth type

Plant height [m]: **0.18**

Life span: **Annual, Biennial or short-lived**

Life form: **Hemicryptophyte, Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **25.6**

## Flower

Flowering period: **June-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.06**

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: **Slightly acidic to near-neutral**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.7**

Temperature indicator value: **3.3**

Moisture indicator value: **8.5**

Reaction indicator value: **5.3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.49**

Disturbance frequency (herb layer): **1.82**

Disturbance severity: **0.63**

Disturbance severity (herb layer): **0.61**

Mowing frequency: **0.18**

Grazing pressure: **0.22**

Soil disturbance: **0.31**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [CM \(MOL\) \*Molinio-Arrhenatheretea\*](#),  
[OB \(LIT\) \*Littorelletea uniflorae\*](#), [QI \(BID\) \*Bidentetea\*](#)

### Broad habitat

Occurrence in broad habitats: **Aquatic, Spring, Wetland, Grassland (non-alpine, non-saline), Sparsely vegetated (incl. rock and scree)**