

# *Scorzonera humilis*

## Habitus and growth type

Plant height [m]: **0.34**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **19.26**

## Flower

Flowering period: **May-July**

## Fruit, seed and dispersal

Seed mass [mg]: **3.89**

Dispersal mode: **Anemochory**

Dispersal distance class: **5**

## 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**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.4**

Temperature indicator value: **5.6**

Moisture indicator value: **6.7**

Reaction indicator value: **4.7**

Nutrient indicator value: **2.3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.62**

Disturbance frequency (herb layer): **1.78**  
Disturbance severity: **0.51**  
Disturbance severity (herb layer): **0.34**  
Mowing frequency: **0.44**  
Grazing pressure: **0.23**  
Soil disturbance: **0.18**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [CH \(ULI\) Calluno-Ulicetea](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R37 Temperate and boreal moist or wet oligotrophic grassland](#)

Constant species of EUNIS habitats: [R37 Temperate and boreal moist or wet oligotrophic grassland](#)

### Broad habitat

Occurrence in broad habitats: **Aquatic, Mire, Grassland (non-alpine, non-saline), Heathland, Scrub, Forest**

## **Distribution**

Continentality: **5**  
Continentality amplitude: **3**