# *Scorzonera humilis*

## Habitus and growth type

Plant height [m]: **0.34**
Life span: **Perennial**
Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [$mm^2$/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**

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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**

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