

Scorzonera humilis

Habitus and growth type

Plant height [m]: **0.34**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/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**