

# *Isolepis setacea*

## Habitus and growth type

Plant height [m]: **0.09**

Life span: **Annual**

Life form: **Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **20.41**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.07**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **1**

## 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: **7.1**

Moisture indicator value: **8.8**

Reaction indicator value: **4.6**

Nutrient indicator value: **2.6**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.74**

Disturbance frequency (herb layer): **1.89**



Disturbance severity: **0.59**

Disturbance severity (herb layer): **0.58**

Mowing frequency: **0.23**

Grazing pressure: **0.34**

Soil disturbance: **0.28**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [OC \(ISO\) Isoëto-Nanojuncetea](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [Q62 Periodically exposed shore with stable, mesotrophic sediments with pioneer or ephemeral vegetation](#)

### Broad habitat

Occurrence in broad habitats: **Coastal saltmarsh, Coastal beach, dune or shingle, Aquatic, Spring, Wetland, Grassland (non-alpine, non-saline), Saline vegetation**

## Distribution

Continentality amplitude: 7