Isolepis setacea

Habitus and growth type

Plant height [m]: **0.09**
Life span: **Annual**
Life form: **Therophyte**

Leaf

Specific leaf area [mm^2/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**

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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**

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