Elatine hydropiper

Habitus and growth type

Plant height [m]: **0.05**
Life span: **Annual**
Life form: **Therophyte**

Leaf

Specific leaf area [mm^2/mg]: **44.19**

Flower

Flowering period: **April-September**

Fruit, seed and dispersal

Seed mass [mg]: **0.05**
Dispersal mode: **Epizoochory**
Dispersal distance class: **6**

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: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.6**
Temperature indicator value: **6.2**
Moisture indicator value: **9**
Nutrient indicator value: **4.5**
Salinity indicator value: **0.2**

Disturbance indicator values

Disturbance frequency: **1.86**
Disturbance frequency (herb layer): **1.86**

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Disturbance severity: **0.66**
Disturbance severity (herb layer): **0.66**
Mowing frequency: **0.01**
Grazing pressure: **0.16**
Soil disturbance: **0.31**

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: **Aquatic, Wetland**

Distribution

Continentality: **5**
Continentality amplitude: **4**

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