Vallisneria spiralis

Habitus and growth type

Plant height [m]: **0.48**
Life span: **Perennial**
Life form: **Hydrophyte**

Leaf

Specific leaf area [mm^2/mg]: **44.1**

Flower

Flowering period: **March-May**

Fruit, seed and dispersal

Dispersal mode: **Hydrochory**

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: **Water**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6.5**
Moisture indicator value: **11.8**
Reaction indicator value: **6.3**
Nutrient indicator value: **5.8**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.64**
Disturbance frequency (herb layer): **1.64**
Disturbance severity: **0.24**
Disturbance severity (herb layer): **0.24**

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Mowing frequency: **0.01**
Grazing pressure: **0**
Soil disturbance: **0.01**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **NB (POT) *Potamogetonetea***

Broad habitat

Occurrence in broad habitats: **Aquatic**

Distribution

Continentality: **7**
Continentality amplitude: **7**

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