

Spiranthes aestivalis

Habitus and growth type

Plant height [m]: **0.17**

Life span: **Perennial**

Life form: **Geophyte**

Flower

Flowering period: **May-July**

Fruit, seed and dispersal

Seed mass [mg]: **0**

Dispersal mode: **Anemochory**

Dispersal distance class: **5**

Trophic mode

Parasitism and mycoheterotrophy: **initial or partial mycoheterotroph**

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: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.5**

Temperature indicator value: **5.9**

Moisture indicator value: **8.1**

Reaction indicator value: **7**

Nutrient indicator value: **2.3**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.17**

Disturbance frequency (herb layer): **1.44**

Disturbance severity: **0.33**

Disturbance severity (herb layer): **0.3**

Mowing frequency: **0.25**

Grazing pressure: **0.14**

Soil disturbance: **0.14**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [PA \(SCH\) *Scheuchzerio palustris*-*Caricetea fuscae*](#)

Broad habitat

Occurrence in broad habitats: **Spring, Wetland, Mire, Grassland (non-alpine, non-saline)**

Distribution

Continentality: **4**

Continentality amplitude: **2**