

# *Schoenus ferrugineus*

## Habitus and growth type

Plant height [m]: **0.28**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **8.76**

## Flower

Flowering period: **May-July**

## Fruit, seed and dispersal

Seed mass [mg]: **0.25**

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: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.3**

Temperature indicator value: **4.5**

Moisture indicator value: **8.1**

Reaction indicator value: **7.4**

Nutrient indicator value: **2**

Salinity indicator value: **0.2**

### Disturbance indicator values

Disturbance frequency: **1.51**

Disturbance frequency (herb layer): **1.95**  
Disturbance severity: **0.26**  
Disturbance severity (herb layer): **0.24**  
Mowing frequency: **0.83**  
Grazing pressure: **0.1**  
Soil disturbance: **0.05**

## Habitat and sociology

### Syntaxon

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

### EUNIS habitat

Diagnostic species of EUNIS habitats: [Q43 Tall-sedge base-rich fen](#), [Q46 Carpathian travertine fen with halophytes](#)

Constant species of EUNIS habitats: [Q43 Tall-sedge base-rich fen](#), [Q46 Carpathian travertine fen with halophytes](#)

Dominant species of EUNIS habitats: [Q43 Tall-sedge base-rich fen](#)

### Broad habitat

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

## Distribution

Continentality: **5**  
Continentality amplitude: **3**