

# *Schoenus nigricans*

## Habitus and growth type

Plant height [m]: **0.42**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **4.78**

## Flower

Flowering period: **March-July**

## Fruit, seed and dispersal

Seed mass [mg]: **22.44**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **2**

## 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: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **8.7**

Reaction indicator value: **8.1**

Nutrient indicator value: **2**

Salinity indicator value: **1.1**

### Disturbance indicator values

Disturbance frequency: **1.31**

Disturbance frequency (herb layer): **1.65**

Disturbance severity: **0.32**

Disturbance severity (herb layer): **0.28**

Mowing frequency: **0.33**

Grazing pressure: **0.21**

Soil disturbance: **0.15**

## Habitat and sociology

### Syntaxon

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

### EUNIS habitat

Diagnostic species of EUNIS habitats: [N1J Mediterranean and Black Sea moist and wet dune slack](#), [Q12 Blanket bog](#), [Q43 Tall-sedge base-rich fen](#), [R31 Mediterranean tall humid inland grassland](#)

Constant species of EUNIS habitats: [N1H Atlantic and Baltic moist and wet dune slack](#), [N1J Mediterranean and Black Sea moist and wet dune slack](#), [Q12 Blanket bog](#), [Q43 Tall-sedge base-rich fen](#), [R31 Mediterranean tall humid inland grassland](#), [R32 Mediterranean short moist grassland of lowlands](#), [T25 Phoenix theophrasti vegetation](#)

Dominant species of EUNIS habitats: [N1J Mediterranean and Black Sea moist and wet dune slack](#), [Q43 Tall-sedge base-rich fen](#)

### Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Aquatic, Spring, Wetland, Mire, Grassland (non-alpine, non-saline), Forest**

## Distribution

Continentality amplitude: 7