Schoenus nigricans

Habitus and growth type

Plant height [m]: **0.42**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/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**

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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, R32 Mediterranean short moist grassland of lowlands, T25 Phoenix theophrasti vegetation**
Constant 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, 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, Q12 Blanket bog, Q43 Tall-sedge base-rich fen, R31 Mediterranean tall humid inland grassland**

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**

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