Sonchus palustris

Habitus and growth type

Plant height [m]: **2.07**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **25.76**

Flower

Flowering period: **June-September**

Fruit, seed and dispersal

Seed mass [mg]: **0.58**
Dispersal mode: **Anemochory**
Dispersal distance class: **5**

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: **Eutrophic**
Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **7.1**
Temperature indicator value: **6**
Moisture indicator value: **7.9**
Reaction indicator value: **7**
Nutrient indicator value: **7.2**
Salinity indicator value: **1.1**

Disturbance indicator values

Disturbance frequency: **1.13**

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Disturbance frequency (herb layer): **1.37**
Disturbance severity: **0.43**
Disturbance severity (herb layer): **0.41**
Mowing frequency: **0.58**
Grazing pressure: **0.16**
Soil disturbance: **0.13**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **HA (POP) *Alno glutinosae-Populetea albae*, QG (EPI) *Epilobietea angustifolii***

EUNIS habitat

Diagnostic species of EUNIS habitats: **N1E Black Sea broad-leaved coastal dune forest**

Broad habitat

Occurrence in broad habitats: **Coastal saltmarsh, Aquatic, Spring, Wetland, Grassland (non-alpine, non-saline), Saline vegetation, Forest, Synanthropic**

Distribution

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

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