

Sonchus palustris

Habitus and growth type

Plant height [m]: **2.07**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/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**

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