

# *Sonchus oleraceus*

## Habitus and growth type

Plant height [m]: **0.73**

Life span: **Annual, Biennial or short-lived**

Life form: **Hemicryptophyte, Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **34.11**

## Flower

Flowering period: **February-October**

## Fruit, seed and dispersal

Seed mass [mg]: **0.34**

Dispersal mode: **Anemochory, Anthropochory**

Dispersal distance class: **5, 7**

## 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: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.3**

Reaction indicator value: **7.6**

Nutrient indicator value: **7.7**

Salinity indicator value: **0.4**

### Disturbance indicator values

Disturbance frequency: **1.29**

Disturbance frequency (herb layer): **1.77**

Disturbance severity: **0.75**

Disturbance severity (herb layer): **0.73**

Mowing frequency: **0.61**

Grazing pressure: **0.18**

Soil disturbance: **0.57**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [QA \(PAR\) \*Papaveretea rhoeadis\*](#), [QB \(SIS\) \*Sisymbrietea\*](#)

### EUNIS habitat

Constant species of EUNIS habitats: [N34 Atlantic and Baltic soft sea cliff](#), [U72 Unvegetated or sparsely vegetated gravel bar in the Mediterranean region](#), [V12 Mixed crops of market gardens and horticulture](#), [V15 Bare tilled, fallow or recently abandoned arable land](#), [V32 Mediterranean subnitrophilous annual grassland](#), [V33 Dry Mediterranean land with unpalatable non-vernal herbaceous vegetation](#), [V37 Annual anthropogenic herbaceous vegetation](#)

### Broad habitat

Occurrence in broad habitats: **Coastal cliff**, **Sparsely vegetated (incl. rock and scree)**, **Synanthropic**

## Distribution

Continentality: **4**

Continentality amplitude: **4**