

# *Senecio vulgaris*

## Habitus and growth type

Plant height [m]: **0.27**

Life span: **Annual**

Life form: **Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **20.82**

## Flower

Flowering period: **January-December**

## Fruit, seed and dispersal

Seed mass [mg]: **0.24**

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: **Slightly acidic to near-neutral**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.2**

Temperature indicator value: **5.5**

Moisture indicator value: **4.5**

Reaction indicator value: **6**

Nutrient indicator value: **7.6**

Salinity indicator value: **0.3**

### Disturbance indicator values

Disturbance frequency: **1.36**

Disturbance frequency (herb layer): **1.84**  
Disturbance severity: **0.73**  
Disturbance severity (herb layer): **0.7**  
Mowing frequency: **0.58**  
Grazing pressure: **0.2**  
Soil disturbance: **0.61**

## Habitat and sociology

### Syntaxon

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

### EUNIS habitat

Diagnostic species of EUNIS habitats: [MA221 Atlantic saltmarsh driftline](#), [R1L Madeiran oromediterranean siliceous dry grassland](#)

Constant species of EUNIS habitats: [MA221 Atlantic saltmarsh driftline](#), [R1L Madeiran oromediterranean siliceous dry grassland](#), [V12 Mixed crops of market gardens and horticulture](#), [V15 Bare tilled, fallow or recently abandoned arable land](#)

### Broad habitat

Occurrence in broad habitats: **Coastal saltmarsh, Grassland (non-alpine, non-saline), Synanthropic**

## Distribution

Continentality amplitude: **6**