

# *Jacobaea vulgaris*

## Habitus and growth type

Plant height [m]: **0.59**

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

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **14.39**

## Flower

Flowering period: **May-October**

## Fruit, seed and dispersal

Seed mass [mg]: **0.31**

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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.8**

Temperature indicator value: **5.3**

Moisture indicator value: **3.8**

Reaction indicator value: **6.6**

Nutrient indicator value: **5**

Salinity indicator value: **0.2**

### Disturbance indicator values

Disturbance frequency: **1.36**

Disturbance frequency (herb layer): **1.85**  
Disturbance severity: **0.5**  
Disturbance severity (herb layer): **0.47**  
Mowing frequency: **0.63**  
Grazing pressure: **0.29**  
Soil disturbance: **0.32**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [DA \(FES\) Festuco-Brometea](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [N1A Atlantic and Baltic coastal dune scrub](#),  
[N34 Atlantic and Baltic soft sea cliff](#)

Constant species of EUNIS habitats: [N13 Atlantic and Baltic shifting coastal dune](#),  
[N1A Atlantic and Baltic coastal dune scrub](#), [N1D Atlantic and Baltic broad-leaved coastal dune forest](#), [N34 Atlantic and Baltic soft sea cliff](#), [R24 Iberian summer pasture \(vallicar\)](#), [R65 Continental subsaline alluvial pasture and meadow](#)

### Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Coastal cliff, Grassland (non-alpine, non-saline), Saline vegetation, Scrub, Forest**

## Distribution

Continentality amplitude: **9**