

# *Jacobaea alpina*

## Habitus and growth type

Plant height [m]: **0.64**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.55**

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: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Hypertrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7**

Temperature indicator value: **3**

Moisture indicator value: **5.5**

Reaction indicator value: **8**

Nutrient indicator value: **8.7**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.5**

Disturbance frequency (herb layer): **1.3**

Disturbance severity: **0.44**

Disturbance severity (herb layer): **0.24**

Mowing frequency: **0.1**

Grazing pressure: **0.19**

Soil disturbance: **0.1**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [CS \(MUL\) \*Mulgedio-Aconitetea\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R56 Montane to subalpine moist or wet tall-herb and fern fringe](#)

### Broad habitat

Occurrence in broad habitats: **Spring, Wetland, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Scrub**

## **Distribution**

Continentality: **5**

Continentality amplitude: **1**