

# *Jacobaea aquatica*

## Habitus and growth type

Plant height [m]: **0.36**

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

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **25.33**

## Flower

Flowering period: **May-October**

## Fruit, seed and dispersal

Seed mass [mg]: **0.37**

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: **Slightly acidic to near-neutral**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.4**

Temperature indicator value: **5.6**

Moisture indicator value: **7.9**

Reaction indicator value: **4.9**

Nutrient indicator value: **4.6**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.3**

Disturbance frequency (herb layer): **2.01**

Disturbance severity: **0.52**

Disturbance severity (herb layer): **0.49**

Mowing frequency: **0.79**

Grazing pressure: **0.35**

Soil disturbance: **0.18**

## **Habitat and sociology**

### **Syntaxon**

Diagnostic species of phytosociological classes: [\*\*CM \(MOL\) \*Molinio-Arrhenatheretea\*\*\*](#)

### **Broad habitat**

Occurrence in broad habitats: **Aquatic, Spring, Wetland, Mire, Grassland (non-alpine, non-saline)**

## **Distribution**

Continentality: **4**

Continentality amplitude: **4**