

# ***Botrychium matricariifolium***

## **Habitus and growth type**

Plant height [m]: **0.14**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

## **Flower**

Flowering period: **May-August**

## **Fruit, seed and dispersal**

Dispersal mode: **Anemochory**

Dispersal distance class: **5**

## **Trophic mode**

Parasitism and mycoheterotrophy: **initial or partial mycoheterotroph**

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: **Acidic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### **Ellenberg-type indicator values**

Light indicator value: **6.8**

Temperature indicator value: **4.3**

Moisture indicator value: **4.9**

Reaction indicator value: **3.5**

Nutrient indicator value: **1.8**

Salinity indicator value: **0**

### **Disturbance indicator values**

Disturbance frequency: **0.68**

Disturbance frequency (herb layer): **1.81**

Disturbance severity: **0.53**

Disturbance severity (herb layer): **0.41**

Mowing frequency: **0.54**

Grazing pressure: **0.21**

Soil disturbance: **0.3**

## **Habitat and sociology**

Syntaxon

Diagnostic species of phytosociological classes: [CI \(NAR\) \*Nardetea strictae\*](#)

Broad habitat

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

## **Distribution**

Continentality: **5**

Continentality amplitude: **4**