

# *Anthemis ruthenica*

## Habitus and growth type

Plant height [m]: **0.27**

Life span: **Annual**

Life form: **Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **30.71**

## Flower

Flowering period: **May-September**

## Fruit, seed and dispersal

Seed mass [mg]: **0.37**

Dispersal mode: **Local non-specific dispersal, Anthropochory**

Dispersal distance class: **1, 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: **Dry**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.9**

Temperature indicator value: **6.6**

Moisture indicator value: **3.2**

Reaction indicator value: **5.3**

Nutrient indicator value: **3.3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.57**

Disturbance frequency (herb layer): **2.03**  
Disturbance severity: **0.61**  
Disturbance severity (herb layer): **0.6**  
Mowing frequency: **0.53**  
Grazing pressure: **0.29**  
Soil disturbance: **0.42**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [CJ \(COR\) \*Koelerio-Coryneporetea canescentis\*](#), [QA \(PAR\) \*Papaveretea rhoeadis\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R11 Pannonian and Pontic sandy steppe](#)

### Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Grassland (non-alpine, non-saline), Synanthropic**

## **Distribution**

Continentality: **8**  
Continentality amplitude: **4**