# *Matricaria discoidea*

### Habitus and growth type

Plant height [m]: **0.19**
Life span: **Annual**
Life form: **Therophyte**

### Leaf

Specific leaf area [$mm^2$/mg]: **23.33**

### Flower

Flowering period: **May-September**

### Fruit, seed and dispersal

Seed mass [mg]: **0.12**
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: **Neophyte**

### Ecology

#### Environmental relationships

Substrate humidity relationship: **Mesic**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

#### Ellenberg-type indicator values

Light indicator value: **7.9**
Temperature indicator value: **5.1**
Moisture indicator value: **5.1**
Reaction indicator value: **6.7**
Nutrient indicator value: **7.7**
Salinity indicator value: **0.2**

#### Disturbance indicator values

Disturbance frequency: **2.09**

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Disturbance frequency (herb layer): **2.24**
Disturbance severity: **0.76**
Disturbance severity (herb layer): **0.75**
Mowing frequency: **0.83**
Grazing pressure: **0.22**
Soil disturbance: **0.56**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: **QE (POL) *Polygono-Poetea annuae***

### EUNIS habitat

Diagnostic species of EUNIS habitats: **V35 Trampled mesophilous grassland with annuals**
Constant species of EUNIS habitats: **V35 Trampled mesophilous grassland with annuals**
Dominant species of EUNIS habitats: **V35 Trampled mesophilous grassland with annuals**

### Broad habitat

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

## Distribution

Continentality amplitude: **6**

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