

# *Lunaria annua*

## Habitus and growth type

Plant height [m]: **0.59**

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

Life form: **Hemicryptophyte, Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **37.99**

## Flower

Flowering period: **March-June**

## Fruit, seed and dispersal

Seed mass [mg]: **24.24**

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

Dispersal distance class: **2, 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: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Moisture indicator value: **5.8**

Reaction indicator value: **6.6**

Nutrient indicator value: **6.4**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.17**

Disturbance frequency (herb layer): **1.32**

Disturbance severity: **0.67**

Disturbance severity (herb layer): **0.27**

Mowing frequency: **0.11**

Grazing pressure: **0.21**

Soil disturbance: **0.13**

## **Habitat and sociology**

### Broad habitat

Occurrence in broad habitats: **Scrub, Forest, Sparsely vegetated (incl. rock and scree), Synanthropic**