

# *Linaria arvensis*

## Habitus and growth type

Plant height [m]: **0.24**

Life span: **Annual**

Life form: **Therophyte**

## Flower

Flowering period: **February-June**

## Fruit, seed and dispersal

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: **Mesic**

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

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7**

Temperature indicator value: **7.4**

Moisture indicator value: **4.3**

Reaction indicator value: **6**

Nutrient indicator value: **4**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.66**

Disturbance frequency (herb layer): **2.06**

Disturbance severity: **0.64**

Disturbance severity (herb layer): **0.62**

Mowing frequency: **0.49**

Grazing pressure: **0.33**

Soil disturbance: **0.35**

## **Habitat and sociology**

Syntaxon

Diagnostic species of phytosociological classes: [QA \(PAR\) \*Papaveretea rhoeadis\*](#)

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Sparsely vegetated (incl. rock and scree), Synanthropic**

## **Distribution**

Continentality: **2**

Continentality amplitude: **2**