

# *Vicia lutea*

## Habitus and growth type

Plant height [m]: **0.34**

Life span: **Annual**

Life form: **Therophyte**

## Flower

Flowering period: **March-May**

## Fruit, seed and dispersal

Seed mass [mg]: **66.65**

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

Dispersal distance class: **2**

## Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **symbiosis with rhizobia**

## Taxon origin

Origin in Europe: **Native**

## Ecology

### Environmental relationships

Substrate humidity relationship: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.3**

Moisture indicator value: **3.7**

Reaction indicator value: **6.3**

Nutrient indicator value: **5**

Salinity indicator value: **0.4**

### Disturbance indicator values

Disturbance frequency: **1.18**

Disturbance frequency (herb layer): **1.91**

Disturbance severity: **0.68**

Disturbance severity (herb layer): **0.63**

Mowing frequency: **0.53**

Grazing pressure: **0.22**

Soil disturbance: **0.43**

## **Habitat and sociology**

Syntaxon

Diagnostic species of phytosociological classes: [QC \(CHE\) Chenopodietea](#)

Broad habitat

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

## **Distribution**

Continentality amplitude: **5**