

# *Vincetoxicum hirundinaria*

## Habitus and growth type

Plant height [m]: **0.72**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **44.42**

## Flower

Flowering period: **April-August**

## Fruit, seed and dispersal

Seed mass [mg]: **7.04**

Dispersal mode: **Anemochory**

Dispersal distance class: **3**

## 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: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **6.6**

Temperature indicator value: **5.5**

Moisture indicator value: **3.2**

Reaction indicator value: **7**

Nutrient indicator value: **2.8**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.25**

Disturbance frequency (herb layer): **1.42**  
Disturbance severity: **0.59**  
Disturbance severity (herb layer): **0.24**  
Mowing frequency: **0.12**  
Grazing pressure: **0.24**  
Soil disturbance: **0.12**

## Habitat and sociology

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R16 Perennial rocky grassland of Central and South-Eastern Europe](#), [R51 Thermophilous forest fringe of base-rich soils](#), [S36 Low steppic scrub](#), [T36 Temperate and submediterranean montane Pinus sylvestris-Pinus nigra forest](#)

Constant species of EUNIS habitats: [R15 Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops](#), [R16 Perennial rocky grassland of Central and South-Eastern Europe](#), [R17 Heavy-metal dry grassland of the Balkans](#), [R51 Thermophilous forest fringe of base-rich soils](#), [S24 Subalpine genistoid scrub of the Amphi-Adriatic region](#), [S36 Low steppic scrub](#), [S52 Submediterranean pseudomaquis](#), [T19 Temperate and submediterranean thermophilous deciduous forest](#), [T1G Alnus cordata forest](#), [T36 Temperate and submediterranean montane Pinus sylvestris-Pinus nigra forest](#), [U27 Temperate, lowland to montane base-rich scree](#)

Dominant species of EUNIS habitats: [R51 Thermophilous forest fringe of base-rich soils](#)

### Broad habitat

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

## Distribution

Continentality: **6**  
Continentality amplitude: **5**