# *Cota tinctoria*

## Habitus and growth type

Plant height [m]: **0.42**
Life span: **Biennial or short-lived, Perennial**
Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [$mm^2$/mg]: **17.5**

## Flower

Flowering period: **April-September**

## Fruit, seed and dispersal

Seed mass [mg]: **0.42**
Dispersal mode: **Myrmecochory, Anthropochory**
Dispersal distance class: **3, 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: **Dry**
Substrate reaction relationship: **Slightly acidic to near-neutral**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.8**
Temperature indicator value: **6.1**
Moisture indicator value: **3.3**
Reaction indicator value: **6**
Nutrient indicator value: **4.2**
Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.74**

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Disturbance frequency (herb layer): **1.63**
Disturbance severity: **0.59**
Disturbance severity (herb layer): **0.47**
Mowing frequency: **0.41**
Grazing pressure: **0.25**
Soil disturbance: **0.22**

## Habitat and sociology

### EUNIS habitat

Diagnostic species of EUNIS habitats: **S34 Balkan-Anatolian submontane genistoid scrub**, **T38 Mediterranean montane Cedrus forest**
Constant species of EUNIS habitats: **S34 Balkan-Anatolian submontane genistoid scrub**, **T38 Mediterranean montane Cedrus forest**, **T3D Mediterranean Cupressaceae forest**

### Broad habitat

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

## Distribution

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

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