Serratula tinctoria

Habitus and growth type

Plant height [m]: **0.59**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **19.61**

Flower

Flowering period: **July-October**

Fruit, seed and dispersal

Seed mass [mg]: **2.39**
Dispersal mode: **Anemochory**
Dispersal distance class: **5**

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: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7**
Temperature indicator value: **5.5**
Moisture indicator value: **6.5**
Nutrient indicator value: **3.1**
Salinity indicator value: **0.1**

Disturbance indicator values

Disturbance frequency: **0.39**
Disturbance frequency (herb layer): **1.56**

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Disturbance severity: **0.55**
Disturbance severity (herb layer): **0.31**
Mowing frequency: **0.31**
Grazing pressure: **0.24**
Soil disturbance: **0.13**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **R37 Temperate and boreal moist or wet oligotrophic grassland**, **S24 Subalpine genistoid scrub of the Amphi-Adriatic region**
Constant species of EUNIS habitats: **R37 Temperate and boreal moist or wet oligotrophic grassland**, **S24 Subalpine genistoid scrub of the Amphi-Adriatic region**

Broad habitat

Occurrence in broad habitats: **Aquatic, Grassland (non-alpine, non-saline), Scrub, Forest**

Distribution

Continentality amplitude: **5**

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