

Serratula tinctoria

Habitus and growth type

Plant height [m]: **0.59**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/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**

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**