Centaurea calcitrapa

Habitus and growth type

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

Leaf

Specific leaf area [mm^2/mg]: **20.35**

Flower

Flowering period: **March-August**

Fruit, seed and dispersal

Seed mass [mg]: **2.23**
Dispersal mode: **Epizoochory**
Dispersal distance class: **6**

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: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.3**
Moisture indicator value: **4**
Reaction indicator value: **6.5**
Nutrient indicator value: **5.6**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.38**
Disturbance frequency (herb layer): **1.8**

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Disturbance severity: **0.77**
Disturbance severity (herb layer): **0.75**
Mowing frequency: **0.65**
Grazing pressure: **0.23**
Soil disturbance: **0.36**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **QF (ART) *Artemisietea vulgaris***

EUNIS habitat

Diagnostic species of EUNIS habitats: **V33 Dry Mediterranean land with unpalatable non-vernal herbaceous vegetation**

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Synanthropic**

Distribution

Continentality amplitude: **6**

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