Centaurea stoebe

Habitus and growth type

Plant height [m]: **0.61**
Life span: **Biennial or short-lived, Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **21.34**

Flower

Flowering period: **May-July**

Fruit, seed and dispersal

Seed mass [mg]: **1.64**
Dispersal mode: **Myrmecochory**
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: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.2**
Moisture indicator value: **3**
Nutrient indicator value: **3.3**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.4**
Disturbance frequency (herb layer): **1.82**
Disturbance severity: **0.48**

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Disturbance severity (herb layer): **0.46**
Mowing frequency: **0.48**
Grazing pressure: **0.32**
Soil disturbance: **0.21**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **R16 Perennial rocky grassland of Central and South-Eastern Europe**, **R1B Continental dry grassland (true steppe)**, **S34 Balkan-Anatolian submontane genistoid scrub**

Constant species of EUNIS habitats: **R13 Cryptogam- and annual-dominated vegetation on calcareous and ultramafic rock outcrops**, **R16 Perennial rocky grassland of Central and South-Eastern Europe**, **R17 Heavy-metal dry grassland of the Balkans**, **R1B Continental dry grassland (true steppe)**, **S34 Balkan-Anatolian submontane genistoid scrub**, **S36 Low steppic scrub**

Broad habitat

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

Distribution

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

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