

# *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<sup>2</sup>/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**

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](#), [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**