

Centaurea scabiosa

Habitus and growth type

Plant height [m]: **0.76**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **17.91**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **6.42**

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: **7.6**

Moisture indicator value: **3.4**

Nutrient indicator value: **3.4**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.14**

Disturbance frequency (herb layer): **1.78**

Disturbance severity: **0.51**

Disturbance severity (herb layer): **0.47**

Mowing frequency: **0.73**

Grazing pressure: **0.26**

Soil disturbance: **0.18**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: [R1A Semi-dry perennial calcareous grassland \(meadow steppe\)](#), [R51 Thermophilous forest fringe of base-rich soils](#), [S36 Low steppic scrub](#)

Constant species of EUNIS habitats: [R16 Perennial rocky grassland of Central and South-Eastern Europe](#), [R1A Semi-dry perennial calcareous grassland \(meadow steppe\)](#), [R51 Thermophilous forest fringe of base-rich soils](#), [S36 Low steppic scrub](#), [T36 Temperate and submediterranean montane Pinus sylvestris-Pinus nigra forest](#), [U2A Crimean base-rich scree](#)

Broad habitat

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