

Centaurea jacea

Habitus and growth type

Plant height [m]: **0.8**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **17.79**

Flower

Flowering period: **May-July**

Fruit, seed and dispersal

Seed mass [mg]: **1.79**

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: **Mesic**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.6**

Moisture indicator value: **5.3**

Reaction indicator value: **5.9**

Nutrient indicator value: **3.3**

Salinity indicator value: **0.7**

Disturbance indicator values

Disturbance frequency: **1.33**

Disturbance frequency (herb layer): **1.98**

Disturbance severity: **0.51**

Disturbance severity (herb layer): **0.48**

Mowing frequency: **1.05**

Grazing pressure: **0.2**

Soil disturbance: **0.27**

Habitat and sociology

EUNIS habitat

Constant species of EUNIS habitats: [R1A Semi-dry perennial calcareous grassland \(meadow steppe\)](#), [R22 Low and medium altitude hay meadow](#), [R32 Mediterranean short moist grassland of lowlands](#), [R34 Submediterranean moist meadow](#), [R37 Temperate and boreal moist or wet oligotrophic grassland](#), [R51 Thermophilous forest fringe of base-rich soils](#), [S24 Subalpine genistoid scrub of the Amphi-Adriatic region](#)

Broad habitat

Occurrence in broad habitats: **Coastal cliff, Mire, Grassland (non-alpine, non-saline), Saline vegetation, Scrub, Forest**

Distribution

Continentality: **6**

Continentality amplitude: **5**