

Centaurea nigrescens

Habitus and growth type

Plant height [m]: **0.66**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **1.88**

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: **7.8**

Temperature indicator value: **5.7**

Moisture indicator value: **4.8**

Reaction indicator value: **5.8**

Nutrient indicator value: **4.7**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.93**

Disturbance frequency (herb layer): **1.81**

Disturbance severity: **0.54**

Disturbance severity (herb layer): **0.46**

Mowing frequency: **0.59**

Grazing pressure: **0.2**

Soil disturbance: **0.25**

Habitat and sociology

Broad habitat

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

Distribution

Continentality: **5**

Continentality amplitude: **3**