Centaurea sphaerocephala

Habitus and growth type

Plant height [m]: **0.35**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Flower

Flowering period: **May-September**

Fruit, seed and dispersal

Seed mass [mg]: **7.65**
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: **Alkaline**
Nutrient relationship: **Mesotrophic**

Ellenberg-type indicator values

Light indicator value: **9**
Temperature indicator value: **9.5**
Moisture indicator value: **4.5**
Reaction indicator value: **7**
Nutrient indicator value: **4.5**
Salinity indicator value: **2**

Disturbance indicator values

Disturbance frequency: **1.25**
Disturbance frequency (herb layer): **1.79**
Disturbance severity: **0.4**
Disturbance severity (herb layer): **0.35**
Mowing frequency: **0.04**

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Grazing pressure: **0.18**
Soil disturbance: **0.44**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **N16 Mediterranean and Macaronesian coastal dune grassland (grey dune)**, **T29 Broadleaved evergreen plantation of non site-native trees**
Constant species of EUNIS habitats: **T29 Broadleaved evergreen plantation of non site-native trees**
Dominant species of EUNIS habitats: **T29 Broadleaved evergreen plantation of non site-native trees**

Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Forest, Sparsely vegetated (incl. rock and scree)**

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