

# *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**

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)**