

# *Centaurea aspera*

## Habitus and growth type

Plant height [m]: **0.43**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **16.09**

## Flower

Flowering period: **May-July**

## Fruit, seed and dispersal

Seed mass [mg]: **5.65**

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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.8**

Temperature indicator value: **8.4**

Moisture indicator value: **2.3**

Reaction indicator value: **7**

Nutrient indicator value: **5.2**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.1**

Disturbance frequency (herb layer): **1.71**

Disturbance severity: **0.66**

Disturbance severity (herb layer): **0.6**

Mowing frequency: **0.38**

Grazing pressure: **0.21**

Soil disturbance: **0.35**

## **Habitat and sociology**

### Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Scrub, Synanthropic**