

# *Carduus pycnocephalus*

## Habitus and growth type

Plant height [m]: **0.65**

Life span: **Annual, Biennial or short-lived**

Life form: **Hemicryptophyte, Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **13.55**

## Flower

Flowering period: **March-July**

## Fruit, seed and dispersal

Seed mass [mg]: **3.03**

Dispersal mode: **Anemochory**

Dispersal distance class: **5**

## 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: **Slightly acidic to near-neutral**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.9**

Temperature indicator value: **7.4**

Moisture indicator value: **3.3**

Reaction indicator value: **6.5**

Nutrient indicator value: **6.5**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.9**

Disturbance frequency (herb layer): **1.78**

Disturbance severity: **0.8**

Disturbance severity (herb layer): **0.7**

Mowing frequency: **0.48**

Grazing pressure: **0.24**

Soil disturbance: **0.4**

## **Habitat and sociology**

EUNIS habitat

Diagnostic species of EUNIS habitats: [V32 Mediterranean subnitrophilous annual grassland](#), [V33 Dry Mediterranean land with unpalatable non-vernal herbaceous vegetation](#)

Constant species of EUNIS habitats: [V33 Dry Mediterranean land with unpalatable non-vernal herbaceous vegetation](#)

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Sparsely vegetated (incl. rock and scree), Synanthropic**