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^2/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**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz

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**

© 2014-2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz