

# *Carduus cephalanthus*

## Habitus and growth type

Plant height [m]: **0.7**

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

Life form: **Hemicryptophyte, Therophyte**

## Flower

Flowering period: **March-June**

## Fruit, seed and dispersal

Seed mass [mg]: **1.61**

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: **Mesic**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Eutrophic**

### Ellenberg-type indicator values

Light indicator value: **8.5**

Temperature indicator value: **9.5**

Moisture indicator value: **4.5**

Reaction indicator value: **6**

Nutrient indicator value: **6.5**

Salinity indicator value: **3**

### Disturbance indicator values

Disturbance frequency: **0.88**

Disturbance frequency (herb layer): **0.93**

Disturbance severity: **0.52**

Disturbance severity (herb layer): **0.49**

Mowing frequency: **0.22**

Grazing pressure: **0.22**

Soil disturbance: **0.24**

### **Habitat and sociology**

Broad habitat

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