# *Carduus collinus*

## Habitus and growth type

Plant height [m]: **0.62**
Life span: **Biennial or short-lived**
Life form: **Hemicryptophyte**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

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: **Alkaline**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.5**
Temperature indicator value: **6.7**
Moisture indicator value: **4**
Reaction indicator value: **6.5**
Nutrient indicator value: **4.5**
Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.81**
Disturbance frequency (herb layer): **1.64**
Disturbance severity: **0.47**
Disturbance severity (herb layer): **0.37**
Mowing frequency: **0.26**

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Grazing pressure: **0.27**
Soil disturbance: **0.17**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: **DA (FES) *Festuco-Brometea***

### EUNIS habitat

Diagnostic species of EUNIS habitats: **S36 Low steppic scrub**

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline)**

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