# *Carduus personata*

## Habitus and growth type

Plant height [m]: **1.16**
Life span: **Perennial**
Life form: **Hemicryptophyte**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **1.76**
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: **Wet**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **6.7**
Temperature indicator value: **3.7**
Moisture indicator value: **7.3**
Reaction indicator value: **7.3**
Nutrient indicator value: **7.8**
Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.46**
Disturbance frequency (herb layer): **1.34**
Disturbance severity: **0.56**
Disturbance severity (herb layer): **0.34**

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Mowing frequency: **0.12**
Grazing pressure: **0.17**
Soil disturbance: **0.12**

## Habitat and sociology

### EUNIS habitat

Diagnostic species of EUNIS habitats: **R56 Montane to subalpine moist or wet tall-herb and fern fringe**
Constant species of EUNIS habitats: **R56 Montane to subalpine moist or wet tall-herb and fern fringe**

### Broad habitat

Occurrence in broad habitats: **Wetland, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Scrub, Forest, Synanthropic**

## Distribution

Continentality: **4**
Continentality amplitude: **2**

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