

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**

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**