

Carduus nutans

Habitus and growth type

Plant height [m]: **0.79**

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

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **17.05**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **3.42**

Dispersal mode: **Myrmecochory**

Dispersal distance class: **3**

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: **Eutrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8**

Moisture indicator value: **3.4**

Reaction indicator value: **7.9**

Nutrient indicator value: **5.7**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.24**

Disturbance frequency (herb layer): **1.85**

Disturbance severity: **0.61**

Disturbance severity (herb layer): **0.57**

Mowing frequency: **0.6**

Grazing pressure: **0.28**

Soil disturbance: **0.27**

Habitat and sociology

Broad habitat

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

Distribution

Continentality amplitude: 7