Cynara cardunculus

Habitus and growth type

Plant height [m]: **0.77**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **7.39**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **33.2**
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, Archeophyte**

Ecology

Environmental relationships

Substrate humidity relationship: **Mesic**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.7**
Temperature indicator value: **9.5**
Moisture indicator value: **4.7**
Reaction indicator value: **7.3**
Nutrient indicator value: **7.7**
Salinity indicator value: **0.3**

Disturbance indicator values

Disturbance frequency: **1.55**

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Disturbance frequency (herb layer): **1.79**
Disturbance severity: **0.81**
Disturbance severity (herb layer): **0.79**
Mowing frequency: **0.45**
Grazing pressure: **0.31**
Soil disturbance: **0.33**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **QF (ART) *Artemisietea vulgaris***

EUNIS habitat

Diagnostic species of EUNIS habitats: **V33 Dry Mediterranean land with unpalatable non-vernal herbaceous vegetation**

Broad habitat

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

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