

# *Cirsium alatum*

## Habitus and growth type

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Fruit, seed and dispersal

Dispersal mode: **Anemochory**

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: **Mesic**

Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **5.3**

Moisture indicator value: **5.8**

Disturbance indicator values

Disturbance frequency: **0.78**

Disturbance frequency (herb layer): **1.82**

Disturbance severity: **0.53**

Disturbance severity (herb layer): **0.44**

Mowing frequency: **0.31**

Grazing pressure: **0.37**

Soil disturbance: **0.15**

## Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [DB \(FEP\) Festuco-Puccinellietea](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [N1E Black Sea broad-leaved coastal dune forest](#)

Broad habitat

Occurrence in broad habitats: **Saline vegetation, Forest**