

# *Echinops bannaticus*

## Habitus and growth type

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Fruit, seed and dispersal

Seed mass [mg]: **12.66**

Dispersal mode: **Epizoochory**

Dispersal distance class: **6**

## Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

## Taxon origin

Origin in Europe: **native**

## Ecology

Ellenberg-type indicator values

Temperature indicator value: **8**

Disturbance indicator values

Disturbance frequency: **0.16**

Disturbance frequency (herb layer): **1.38**

Disturbance severity: **0.64**

Disturbance severity (herb layer): **0.19**

Mowing frequency: **0.09**

Grazing pressure: **0.22**

Soil disturbance: **0.13**

## Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [DA \(FES\) Festuco-Brometea](#), [QF \(ART\) Artemisietea vulgaris](#)

EUNIS habitat

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

Broad habitat

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

**Synanthropic**