

Erinacea anthyllis

Habitus and growth type

Plant height [m]: **0.25**

Life span: **Perennial**

Life form: **Chamaephyte**

Spinescence: **spinescent**

Leaf

Specific leaf area [mm²/mg]: **11.44**

Fruit, seed and dispersal

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **1**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **likely symbiosis with rhizobia**

Taxon origin

Origin in Europe: **native**

Ecology

Environmental relationships

Substrate humidity relationship: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **2**

Moisture indicator value: **3**

Reaction indicator value: **7**

Nutrient indicator value: **4**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.43**

Disturbance frequency (herb layer): **1.34**

Disturbance severity: **0.56**

Disturbance severity (herb layer): **0.25**

Mowing frequency: **0.07**

Grazing pressure: **0.3**

Soil disturbance: **0.14**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [FB \(ROS\) *Ononido-Rosmarinetea*](#), [FP \(ONO\) *Festuco hystricis-Ononidetea striatae*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [R1H Iberian oromediterranean basiphilous dry grassland](#), [S73 Western Mediterranean mountain hedgehog-heath](#)

Constant species of EUNIS habitats: [R1H Iberian oromediterranean basiphilous dry grassland](#), [S73 Western Mediterranean mountain hedgehog-heath](#)

Dominant species of EUNIS habitats: [S73 Western Mediterranean mountain hedgehog-heath](#)

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Oromediterranean scrub, Scrub**