

# *Echinopartum horridum*

## Habitus and growth type

Plant height [m]: **0.8**

Life span: **Perennial**

Life form: **Phanerophyte, Chamaephyte, Shrub, Dwarf shrub**

Spinescence: **spinescent**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **10.42**

## Fruit, seed and dispersal

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

Dispersal distance class: **2**

## Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **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: **9**

Temperature indicator value: **8**

Moisture indicator value: **2**

Reaction indicator value: **8**

Nutrient indicator value: **4**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.76**

Disturbance frequency (herb layer): **1.52**

Disturbance severity: **0.5**

Disturbance severity (herb layer): **0.31**

Mowing frequency: **0.14**

Grazing pressure: **0.36**

Soil disturbance: **0.13**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [CN \(SAB\) \*Junipero-Pinetea sylvestris\*](#),  
[FP \(ONO\) \*Festuco hystricis-Ononidetea striatae\*](#)

### EUNIS habitat

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

Constant species of EUNIS habitats: [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, Forest**