

# *Rhaponticum coniferum*

## Habitus and growth type

Plant height [m]: **0.11**  
Life span: **Perennial**  
Life form: **Hemicryptophyte**  
Spinescence: **spinescent**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **10.13**

## Flower

Flowering period: **April-July**

## Fruit, seed and dispersal

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**

## Ecology

### Environmental relationships

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

### Ellenberg-type indicator values

Light indicator value: **9**  
Moisture indicator value: **3.3**  
Reaction indicator value: **7.3**  
Nutrient indicator value: **1.7**  
Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.37**  
Disturbance frequency (herb layer): **1.55**

Disturbance severity: **0.63**

Disturbance severity (herb layer): **0.26**

Mowing frequency: **0.14**

Grazing pressure: **0.35**

Soil disturbance: **0.17**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [FB \(ROS\) \*Ononido-Rosmarinetea\*](#), [FF \(LYG\) \*Lygeo sparti-Stipetea tenacissimae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [S61 Western basiphilous garrigue](#)

Constant species of EUNIS habitats: [S61 Western basiphilous garrigue](#)

### Broad habitat

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