

# ***Astragalus tragacantha***

## **Habitus and growth type**

Life span: **Perennial**

Life form: **Chamaephyte**

## **Fruit, seed and dispersal**

Seed mass [mg]: **3.3**

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

Dispersal distance class: **1**

## **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: **Mesic**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Saline**

### **Ellenberg-type indicator values**

Light indicator value: **8**

Temperature indicator value: **9**

Moisture indicator value: **5**

Reaction indicator value: **6**

Nutrient indicator value: **5**

Salinity indicator value: **6**

### **Disturbance indicator values**

Disturbance frequency: **0.76**

Disturbance frequency (herb layer): **0.87**

Disturbance severity: **0.38**

Disturbance severity (herb layer): **0.3**

Mowing frequency: **0.11**

Grazing pressure: **0.21**

Soil disturbance: **0.15**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [JB \(CRI\) Crithmo-Staticetea](#)

### Broad habitat

Occurrence in broad habitats: **Coastal cliff**