

# ***Polypogon monspeliensis***

## **Habitus and growth type**

Plant height [m]: **0.38**

Life span: **Annual**

Life form: **Therophyte**

## **Flower**

Flowering period: **February-May**

## **Fruit, seed and dispersal**

Seed mass [mg]: **0.12**

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

Dispersal distance class: **2**

## **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: **Wet**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Slightly saline or brackish**

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

Light indicator value: **8**

Temperature indicator value: **8.8**

Moisture indicator value: **8**

Reaction indicator value: **7**

Nutrient indicator value: **6**

Salinity indicator value: **1**

### **Disturbance indicator values**

Disturbance frequency: **1.45**

Disturbance frequency (herb layer): **1.81**

Disturbance severity: **0.49**

Disturbance severity (herb layer): **0.46**

Mowing frequency: **0.17**

Grazing pressure: **0.26**

Soil disturbance: **0.22**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [DC \(CRY\) \*Crypsietea aculeatae\*](#), [QI \(BID\) \*Bidentetea\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [Q63 Periodically exposed saline shore with pioneer or ephemeral vegetation](#)

Constant species of EUNIS habitats: [MA251 Mediterranean upper saltmarsh](#)

### Broad habitat

Occurrence in broad habitats: **Coastal saltmarsh, Wetland, Saline vegetation, Sparsely vegetated (incl. rock and scree)**