

# ***Plantago holosteum***

## **Habitus and growth type**

Plant height [m]: **0.2**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## **Flower**

Flowering period: **April-June**

## **Fruit, seed and dispersal**

Seed mass [mg]: **0.7**

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

Dispersal distance class: **1**

## **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: **Mesotrophic**

Salinity relationship: **Slightly saline or brackish**

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

Light indicator value: **8.7**

Temperature indicator value: **7.3**

Moisture indicator value: **3.7**

Reaction indicator value: **6**

Nutrient indicator value: **2.7**

Salinity indicator value: **0.5**

### **Disturbance indicator values**

Disturbance frequency: **1.19**

Disturbance frequency (herb layer): **1.51**

Disturbance severity: **0.42**

Disturbance severity (herb layer): **0.38**

Mowing frequency: **0.33**

Grazing pressure: **0.32**

Soil disturbance: **0.15**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CJ \(COR\) \*Koelerio-Coryneporetea canescentis\*](#), [DA \(FES\) \*Festuco-Brometea\*](#), [FJ \(TRA\) \*Stipo-Trachynietea distachyae\*](#), [JB \(CRI\) \*Crithmo-Staticetea\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R17 Heavy-metal dry grassland of the Balkans](#), [R19 Dry steppic submediterranean pasture of the Amphi-Adriatic region](#), [U3B Mediterranean ultramafic inland cliff](#)

Constant species of EUNIS habitats: [R14 Perennial rocky grassland of the Italian Peninsula](#), [R17 Heavy-metal dry grassland of the Balkans](#), [R19 Dry steppic submediterranean pasture of the Amphi-Adriatic region](#), [R1K Balkan and Anatolian oromediterranean dry grassland](#), [R1N Open Iberian supramediterranean dry acid and neutral grassland](#), [U3B Mediterranean ultramafic inland cliff](#)

### Broad habitat

Occurrence in broad habitats: **Coastal cliff**, **Grassland (non-alpine, non-saline)**, **Sparsely vegetated (incl. rock and scree)**