

# ***Plantago afra***

## **Habitus and growth type**

Plant height [m]: **0.21**

Life span: **Annual**

Life form: **Therophyte**

## **Leaf**

Specific leaf area [mm<sup>2</sup>/mg]: **7.04**

## **Flower**

Flowering period: **January-June, December**

## **Fruit, seed and dispersal**

Seed mass [mg]: **1.04**

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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Slightly saline or brackish**

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

Light indicator value: **8**

Moisture indicator value: **3**

Reaction indicator value: **7.5**

Nutrient indicator value: **4.5**

Salinity indicator value: **0.5**

### **Disturbance indicator values**

Disturbance frequency: **1.43**

Disturbance frequency (herb layer): **2.02**

Disturbance severity: **0.74**

Disturbance severity (herb layer): **0.67**

Mowing frequency: **0.35**

Grazing pressure: **0.32**

Soil disturbance: **0.37**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [FI \(TUB\) \*Helianthemetea guttati\*](#), [FJ \(TRA\) \*Stipo-Trachynietea distachyae\*](#), [QC \(CHE\) \*Chenopodietea\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R1F Mediterranean annual-rich dry grassland](#)

Constant species of EUNIS habitats: [R1F Mediterranean annual-rich dry grassland](#)

### Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Grassland (non-alpine, non-saline), Scrub, Sparsely vegetated (incl. rock and scree), Synanthropic**