

# ***Plantago major***

## **Habitus and growth type**

Plant height [m]: **0.25**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## **Leaf**

Specific leaf area [mm<sup>2</sup>/mg]: **22.81**

## **Flower**

Flowering period: **February-November**

## **Fruit, seed and dispersal**

Seed mass [mg]: **0.24**

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

Dispersal distance class: **1, 7**

## **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: **Slightly acidic to near-neutral**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

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

Light indicator value: **7.3**

Reaction indicator value: **5.8**

Nutrient indicator value: **5.9**

Salinity indicator value: **0.5**

### **Disturbance indicator values**

Disturbance frequency: **1.53**

Disturbance frequency (herb layer): **2.01**

Disturbance severity: **0.63**

Disturbance severity (herb layer): **0.62**

Mowing frequency: **0.7**

Grazing pressure: **0.37**

Soil disturbance: **0.4**

## Habitat and sociology

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R36 Moist or wet mesotrophic to eutrophic pasture](#), [V35 Trampled mesophilous grassland with annuals](#)

Constant species of EUNIS habitats: [MA222 Atlantic upper saltmarsh](#), [MA232 Baltic coastal meadow](#), [Q61 Periodically exposed shore with stable, eutrophic sediments with pioneer or ephemeral vegetation](#), [Q62 Periodically exposed shore with stable, mesotrophic sediments with pioneer or ephemeral vegetation](#), [Q63 Periodically exposed saline shore with pioneer or ephemeral vegetation](#), [R21 Mesic permanent pasture of lowlands and mountains](#), [R36 Moist or wet mesotrophic to eutrophic pasture](#), [R63 Temperate inland salt marsh](#), [U71 Unvegetated or sparsely vegetated gravel bar in montane and alpine regions](#), [V11 Intensive unmixed crops](#), [V12 Mixed crops of market gardens and horticulture](#), [V13 Arable land with unmixed crops grown by low-intensity agricultural methods](#), [V15 Bare tilled, fallow or recently abandoned arable land](#), [V34 Trampled xeric grassland with annuals](#), [V35 Trampled mesophilous grassland with annuals](#), [V37 Annual anthropogenic herbaceous vegetation](#), [V38 Dry perennial anthropogenic herbaceous vegetation](#)

### Broad habitat

Occurrence in broad habitats: **Coastal saltmarsh, Wetland, Grassland (non-alpine, non-saline), Saline vegetation, Scrub, Sparsely vegetated (incl. rock and scree), Synanthropic**