Plantago major

Habitus and growth type

Plant height [m]: **0.25**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/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**

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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: **Q61 Periodically exposed shore with stable, eutrophic sediments with pioneer or ephemeral vegetation**, **R21 Mesic permanent pasture of lowlands and mountains**, **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**
Dominant species of EUNIS habitats: **V35 Trampled mesophilous grassland with annuals**

Broad habitat

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

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