Asparagus officinalis

Habitus and growth type

Plant height [m]: **0.93**
Life span: **Perennial**
Life form: **Geophyte**

Leaf

Specific leaf area [mm^2/mg]: **16.54**

Flower

Flowering period: **April-June**

Fruit, seed and dispersal

Seed mass [mg]: **95.67**
Dispersal mode: **Endozoochory, Anthropochory**
Dispersal distance class: **6, 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: **Dry**
Substrate reaction relationship: **Slightly acidic to near-neutral**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7**
Temperature indicator value: **6.7**
Moisture indicator value: **3.8**
Reaction indicator value: **6**
Nutrient indicator value: **4.3**
Salinity indicator value: **0.4**

Disturbance indicator values

Disturbance frequency: **0.77**

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Disturbance frequency (herb layer): **1.61**
Disturbance severity: **0.53**
Disturbance severity (herb layer): **0.42**
Mowing frequency: **0.37**
Grazing pressure: **0.25**
Soil disturbance: **0.19**

Habitat and sociology

EUNIS habitat

Constant species of EUNIS habitats: **R65 Continental subsaline alluvial pasture and meadow**, **S36 Low steppic scrub**

Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Grassland (non-alpine, non-saline), Saline vegetation, Semi-desert, Scrub, Forest, Synanthropic**

Distribution

Continentality amplitude: **7**

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