Arundo donax

Habitus and growth type

Plant height [m]: **4.75**
Life span: **Perennial**
Life form: **Hemicryptophyte, Geophyte**

Flower

Flowering period: **June-November**

Fruit, seed and dispersal

Seed mass [mg]: **0.11**
Dispersal mode: **Anemochory, Anthropochory**
Dispersal distance class: **5, 7**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**
Carnivory: **non-carnivorous**
Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

Taxon origin

Origin in Europe: **Neophyte**

Ecology

Environmental relationships

Substrate humidity relationship: **Wet**
Substrate reaction relationship: **Slightly acidic to near-neutral**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **8.3**
Temperature indicator value: **9.3**
Moisture indicator value: **6.7**
Reaction indicator value: **6.7**
Nutrient indicator value: **7**
Salinity indicator value: **0.7**

Disturbance indicator values

Disturbance frequency: **0.55**
Disturbance frequency (herb layer): **1.54**
Disturbance severity: **0.66**
Disturbance severity (herb layer): **0.48**

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Mowing frequency: **0.17**
Grazing pressure: **0.19**
Soil disturbance: **0.2**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **FD (NER) *Nerio-Tamaricetea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **T14 Mediterranean and Macaronesian riparian forest**

Constant species of EUNIS habitats: **T14 Mediterranean and Macaronesian riparian forest**

Broad habitat

Occurrence in broad habitats: **Scrub, Forest, Sparsely vegetated (incl. rock and scree)**

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