# *Arundo plinii*

## Habitus and growth type

Plant height [m]: **1.5**
Life span: **Perennial**
Life form: **Hemicryptophyte, Geophyte**

## Flower

Flowering period: **June-October**

## Fruit, seed and dispersal

Seed mass [mg]: **0.4**
Dispersal mode: **Anemochory**
Dispersal distance class: **5**

## 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 reaction relationship: **Alkaline**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.5**
Temperature indicator value: **9.2**
Reaction indicator value: **7**
Nutrient indicator value: **6.8**
Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.55**
Disturbance frequency (herb layer): **1.44**
Disturbance severity: **0.67**
Disturbance severity (herb layer): **0.48**
Mowing frequency: **0.32**
Grazing pressure: **0.25**

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Soil disturbance: **0.18**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: **FF (LYG) *Lygeo sparti-Stipetea tenacissimae***

### Broad habitat

Occurrence in broad habitats: **Wetland, Grassland (non-alpine, non-saline), Sparsely vegetated (incl. rock and scree)**

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