

# *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**

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)**