Acorus calamus

Habitus and growth type

Plant height [m]: **0.82**
Life span: **Perennial**
Life form: **Geophyte, Hydrophyte**

Leaf

Specific leaf area [mm^2/mg]: **25.58**

Flower

Flowering period: **April-June**

Fruit, seed and dispersal

Seed mass [mg]: **2.62**
Dispersal mode: **Anthropochory, Hydrochory**
Dispersal distance class: **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: **Water**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8**
Temperature indicator value: **6.3**
Moisture indicator value: **9.8**
Reaction indicator value: **7**
Nutrient indicator value: **7.2**
Salinity indicator value: **0.2**

Disturbance indicator values

Disturbance frequency: **1.53**

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Disturbance frequency (herb layer): **1.79**
Disturbance severity: **0.26**
Disturbance severity (herb layer): **0.25**
Mowing frequency: **0.54**
Grazing pressure: **0.12**
Soil disturbance: **0.1**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **OD (PHR) *Phragmito-Magnocaricetea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **Q51 Tall-helophyte bed**

Broad habitat

Occurrence in broad habitats: **Aquatic, Wetland**

Distribution

Continentality: **5**
Continentality amplitude: **4**

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