Butomus umbellatus

Habitus and growth type

Plant height [m]: **0.9**
Life span: **Perennial**
Life form: **Geophyte, Hydrophyte**

Leaf

Specific leaf area [mm^2/mg]: **10.16**

Flower

Flowering period: **March-July**

Fruit, seed and dispersal

Seed mass [mg]: **0.18**
Dispersal mode: **Hydrochory**

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: **Water**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6.6**
Temperature indicator value: **6**
Moisture indicator value: **10.1**
Reaction indicator value: **6.8**
Nutrient indicator value: **7**
Salinity indicator value: **0.2**

Disturbance indicator values

Disturbance frequency: **1.71**
Disturbance frequency (herb layer): **1.74**

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Disturbance severity: **0.27**
Disturbance severity (herb layer): **0.27**
Mowing frequency: **0.17**
Grazing pressure: **0.08**
Soil disturbance: **0.07**

Habitat and sociology

Syntaxon

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

EUNIS habitat

Diagnostic species of EUNIS habitats: **V14 Inundated or inundatable cropland, including rice fields**
Constant species of EUNIS habitats: **V14 Inundated or inundatable cropland, including rice fields**

Broad habitat

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

Distribution

Continentality amplitude: **8**

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