

# ***Typha shuttleworthii***

## **Habitus and growth type**

Plant height [m]: **1.25**

Life span: **Perennial**

Life form: **Geophyte, Hydrophyte**

## **Flower**

Flowering period: **May-August**

## **Fruit, seed and dispersal**

Seed mass [mg]: **0.09**

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: **native**

## **Ecology**

### **Environmental relationships**

Substrate humidity relationship: **Water**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### **Ellenberg-type indicator values**

Light indicator value: **8.1**

Moisture indicator value: **9.9**

Reaction indicator value: **7**

Nutrient indicator value: **3.2**

Salinity indicator value: **0.2**

### **Disturbance indicator values**

Disturbance frequency: **1.93**

Disturbance frequency (herb layer): **1.99**

Disturbance severity: **0.26**

Disturbance severity (herb layer): **0.24**

Mowing frequency: **0.66**

Grazing pressure: **0.11**

Soil disturbance: **0.1**

## **Habitat and sociology**

Syntaxon

Diagnostic species of phytosociological classes: [OD \(PHR\) \*Phragmito-Magnocaricetea\*](#)

Broad habitat

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

## **Distribution**

Continentality: **5**

Continentality amplitude: **3**