

# *Nasturtium microphyllum*

## Habitus and growth type

Plant height [m]: **0.33**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **72.1**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.13**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **2**

## 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: **7.3**

Temperature indicator value: **5**

Moisture indicator value: **10**

Reaction indicator value: **6.5**

Nutrient indicator value: **5.5**

Salinity indicator value: **0.3**

### Disturbance indicator values

Disturbance frequency: **1.58**

Disturbance frequency (herb layer): **1.75**  
Disturbance severity: **0.29**  
Disturbance severity (herb layer): **0.28**  
Mowing frequency: **0.2**  
Grazing pressure: **0.14**  
Soil disturbance: **0.09**

### **Habitat and sociology**

#### Syntaxon

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

#### Broad habitat

Occurrence in broad habitats: **Aquatic, Wetland, Sparsely vegetated (incl. rock and scree)**

### **Distribution**

Continentality: **3**  
Continentality amplitude: **3**