# *Nasturtium officinale*

### Habitus and growth type

Plant height [m]: **0.34**
Life span: **Perennial**
Life form: **Hemicryptophyte**

### Leaf

Specific leaf area [$mm^2$/mg]: **42.23**

### Flower

Flowering period: **April-July**

### Fruit, seed and dispersal

Seed mass [mg]: **0.19**
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: **7.1**
Moisture indicator value: **10.4**
Reaction indicator value: **6.6**
Salinity indicator value: **0.3**

#### Disturbance indicator values

Disturbance frequency: **1.24**
Disturbance frequency (herb layer): **1.68**
Disturbance severity: **0.3**

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Disturbance severity (herb layer): **0.28**
Mowing frequency: **0.1**
Grazing pressure: **0.08**
Soil disturbance: **0.1**

## Habitat and sociology

### Syntaxon

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

### EUNIS habitat

Diagnostic species of EUNIS habitats: **Q52 Small-helophyte bed**

### Broad habitat

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

## Distribution

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

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