

# *Iris pseudacorus*

## Habitus and growth type

Plant height [m]: **0.79**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **16**

## Flower

Flowering period: **March-June**

## Fruit, seed and dispersal

Seed mass [mg]: **44.93**

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

Dispersal distance class: **2, 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: **Wet**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7**

Temperature indicator value: **5.9**

Moisture indicator value: **9.4**

Reaction indicator value: **6.1**

Nutrient indicator value: **6.8**

Salinity indicator value: **0.3**

### Disturbance indicator values

Disturbance frequency: **0.64**

Disturbance frequency (herb layer): **1.54**  
Disturbance severity: **0.44**  
Disturbance severity (herb layer): **0.31**  
Mowing frequency: **0.31**  
Grazing pressure: **0.16**  
Soil disturbance: **0.12**

## Habitat and sociology

### Syntaxon

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

### EUNIS habitat

Diagnostic species of EUNIS habitats: [Q51 Tall-helophyte bed](#), [Q53 Tall-sedge bed](#), [T11 Temperate Salix and Populus riparian forest](#), [T13 Temperate hardwood riparian forest](#), [T15 Broadleaved swamp forest on non-acid peat](#)

Constant species of EUNIS habitats: [Q51 Tall-helophyte bed](#), [Q53 Tall-sedge bed](#), [S92 Salix fen scrub](#), [T11 Temperate Salix and Populus riparian forest](#), [T13 Temperate hardwood riparian forest](#), [T15 Broadleaved swamp forest on non-acid peat](#)

### Broad habitat

Occurrence in broad habitats: **Aquatic, Wetland, Grassland (non-alpine, non-saline), Scrub, Forest**

## Distribution

Continentality amplitude: **6**