

# *Onoclea struthiopteris*

## Habitus and growth type

Plant height [m]: **0.97**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **28.55**

## Flower

Flowering period: **June-September**

## Fruit, seed and dispersal

Dispersal mode: **Anemochory**

Dispersal distance class: **3**

## 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: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **5.1**

Moisture indicator value: **7**

Reaction indicator value: **6.8**

Nutrient indicator value: **7**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.17**

Disturbance frequency (herb layer): **1.43**

Disturbance severity: **0.69**

Disturbance severity (herb layer): **0.28**

Mowing frequency: **0.02**

Grazing pressure: **0.19**

Soil disturbance: **0.1**

## **Habitat and sociology**

Syntaxon

Diagnostic species of phytosociological classes: [HA \(POP\) \*Alno glutinosae-Populetea albae\*](#)

Broad habitat

Occurrence in broad habitats: **Wetland, Scrub, Forest, Synanthropic**

## **Distribution**

Continentality: 7

Continentality amplitude: 4