

# *Pteris vittata*

## Habitus and growth type

Plant height [m]: **1.25**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Flower

Flowering period: **February-December**

## Fruit, seed and dispersal

Dispersal mode: **Anemochory**

Dispersal distance class: **5**

## 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: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **3.5**

Temperature indicator value: **10.3**

Moisture indicator value: **8**

Reaction indicator value: **5**

Nutrient indicator value: **3.5**

Salinity indicator value: **0**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [KA \(ADI\) Adiantetea](#)

### Broad habitat

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