Polystichum setiferum

Habitus and growth type

Plant height [m]: **0.67**
Life span: **Perennial**
Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm^2/mg]: **19.75**

Flower

Flowering period: **April-November**

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: **Mesic**
Substrate reaction relationship: **Slightly acidic to near-neutral**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Moisture indicator value: **6.1**
Reaction indicator value: **5.7**
Nutrient indicator value: **5.3**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.07**
Disturbance frequency (herb layer): **1.33**
Disturbance severity: **0.69**
Disturbance severity (herb layer): **0.15**

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Mowing frequency: **0.01**
Grazing pressure: **0.19**
Soil disturbance: **0.1**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CA (FAG) *Carpino-Fagetea sylvaticae***, **GC (LAU) *Pruno lusitanicae-Lauretea azoricae***, **HA (POP) *Alno glutinosae-Populetea albae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **T1G Alnus cordata forest**, **T22 Mainland laurophyllous forest**, **T23 Macaronesian laurophyllous forest**
Constant species of EUNIS habitats: **S37 Corylus avellana scrub**, **T1G Alnus cordata forest**, **T22 Mainland laurophyllous forest**, **T23 Macaronesian laurophyllous forest**

Broad habitat

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

Distribution

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

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