Woodwardia

Habitus and growth type

Plant height [m]: **1.32**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Flower

Flowering period: **January-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: **Acidic**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Temperature indicator value: **10.7**
Moisture indicator value: **9.3**
Reaction indicator value: **5.3**
Nutrient indicator value: **3.3**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.28**
Disturbance frequency (herb layer): **1.41**
Disturbance severity: **0.58**
Disturbance severity (herb layer): **0.16**
Mowing frequency: **0.02**
Grazing pressure: **0.14**

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Soil disturbance: **0.08**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **GC (LAU) *Pruno lusitanicae-Lauretea azoricae***, **KA (ADI) *Adiantetea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R1T Azorean open, dry, acid to neutral grassland**, **T23 Macaronesian laurophyllous forest**

Constant species of EUNIS habitats: **R1T Azorean open, dry, acid to neutral grassland**, **T23 Macaronesian laurophyllous forest**

Dominant species of EUNIS habitats: **R1T Azorean open, dry, acid to neutral grassland**

Broad habitat

Occurrence in broad habitats: **Spring, Grassland (non-alpine, non-saline), Forest, Sparsely vegetated (incl. rock and scree)**

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