

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**

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)**