Blechnum spicant

Habitus and growth type

Plant height [m]: **0.32**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **10.9**

Flower

Flowering period: **March-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: **Acidic**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Moisture indicator value: **6.5**
Reaction indicator value: **2.6**
Nutrient indicator value: **2.8**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.1**
Disturbance frequency (herb layer): **1.3**
Disturbance severity: **0.65**
Disturbance severity (herb layer): **0.15**

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Mowing frequency: **0.02**
Grazing pressure: **0.2**
Soil disturbance: **0.12**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **BA (PIC) *Vaccinio-Piceetea***, **CA (FAG) *Carpino-Fagetea sylvaticae***, **CC (QUE) *Quercetea robori-petraeae***, **GC (LAU) *Pruno lusitanicae-Lauretea azoricae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R1T Azorean open, dry, acid to neutral grassland**, **S43 Macaronesian heath**, **T22 Mainland laurophyllous forest**
Constant species of EUNIS habitats: **R1T Azorean open, dry, acid to neutral grassland**, **S43 Macaronesian heath**, **T18 Fagus forest on acid soils**, **T22 Mainland laurophyllous forest**, **T27 Ilex aquifolium forest**

Broad habitat

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

Distribution

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

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