

Blechnum spicant

Habitus and growth type

Plant height [m]: **0.32**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/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**

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**