Pteridium aquilinum

Habitus and growth type

Plant height [m]: **1.41**
Life span: **Perennial**
Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm^2/mg]: **18.45**

Flower

Flowering period: **April-September**

Fruit, seed and dispersal

Seed mass [mg]: **0**
Dispersal mode: **Anemochory**
Dispersal distance class: **5**

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

Light indicator value: **6.4**
Moisture indicator value: **5.2**
Reaction indicator value: **3.4**
Nutrient indicator value: **3**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.13**
Disturbance frequency (herb layer): **1.32**

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Disturbance severity: **0.64**
Disturbance severity (herb layer): **0.17**
Mowing frequency: **0.06**
Grazing pressure: **0.21**
Soil disturbance: **0.13**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CC (QUE) *Quercetea robori-petraeae***, **CE (LON) *Lonicero-Rubetea plicati***, **CI (NAR) *Nardetea strictae***, **FE (CYT) *Cytisetea scopario-striati***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R54 Pteridium aquilinum vegetation**, **T1B Acidophilous Quercus forest**, **T1G Alnus cordata forest**, **T27 Ilex aquifolium forest**, **T37 Mediterranean montane Pinus sylvestris-Pinus nigra forest**

Constant species of EUNIS habitats: **R24 Iberian summer pasture (vallicar)**, **R52 Forest fringe of acidic nutrient-poor soils**, **R53 Macaronesian thermophilous forest fringe**, **R54 Pteridium aquilinum vegetation**, **S33 Lowland to montane temperate and submediterranean genistoid scrub**, **S37 Corylus avellana scrub**, **S38 Temperate forest clearing scrub**, **S42 Dry heath**, **S43 Macaronesian heath**, **S64 Macaronesian garrigue**, **T14 Mediterranean and Macaronesian riparian forest**, **T18 Fagus forest on acid soils**, **T1A Mediterranean thermophilous deciduous forest**, **T1B Acidophilous Quercus forest**, **T1D Southern European mountain Betula and Populus tremula forest on mineral soils**, **T1E Carpinus and Quercus mesic deciduous forest**, **T1G Alnus cordata forest**, **T22 Mainland laurophyllous forest**, **T23 Macaronesian laurophyllous forest**, **T27 Ilex aquifolium forest**, **T28 Macaronesian heathy forest**, **T29 Broadleaved evergreen plantation of non site-native trees**, **T33 Mediterranean mountain Abies forest**, **T35 Temperate continental Pinus sylvestris forest**, **T37 Mediterranean montane Pinus sylvestris-Pinus nigra forest**, **T3A Mediterranean lowland to submontane Pinus forest**, **T3F Dark taiga**, **T3G Pinus sylvestris light taiga**, **T3M Coniferous plantation of non site-native trees**

Dominant species of EUNIS habitats: **R54 Pteridium aquilinum vegetation**, **S43 Macaronesian heath**, **T1B Acidophilous Quercus forest**, **T1D Southern European mountain Betula and Populus tremula forest on mineral soils**, **T1G Alnus cordata forest**, **T27 Ilex aquifolium forest**, **T29 Broadleaved evergreen plantation of non site-native trees**, **T37 Mediterranean montane Pinus sylvestris-Pinus nigra forest**, **T3M Coniferous plantation of non site-native trees**

Broad habitat

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

Distribution

Continentality amplitude: **5**

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