

# *Polypodium vulgare* subsp. *melitense*

## Habitus and growth type

Plant height [m]: **0.22**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte, Epiphyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **12.35**

## Fruit, seed and dispersal

Seed mass [mg]: **13.98**

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

Light indicator value: **5.5**

Moisture indicator value: **4.9**

Reaction indicator value: **3.8**

Nutrient indicator value: **2.8**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.1**

Disturbance frequency (herb layer): **1.28**

Disturbance severity: **0.65**

Disturbance severity (herb layer): **0.16**

Mowing frequency: **0.03**

Grazing pressure: **0.2**

Soil disturbance: **0.12**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CI \(NAR\) \*Nardetea strictae\*](#), [KC \(ASP\) \*Asplenetea trichomanis\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [N18 Atlantic and Baltic coastal \*Empetrum heath\*](#), [N1F Baltic coniferous coastal dune forest](#), [U33 Temperate, lowland to montane siliceous inland cliff](#)

Constant species of EUNIS habitats: [N18 Atlantic and Baltic coastal \*Empetrum heath\*](#), [N1D Atlantic and Baltic broad-leaved coastal dune forest](#), [N1F Baltic coniferous coastal dune forest](#), [T1F Ravine forest](#), [T32 Temperate mountain \*Abies forest\*](#), [U32 Temperate high-mountain siliceous inland cliff](#), [U33 Temperate, lowland to montane siliceous inland cliff](#), [U34 Mediterranean siliceous inland cliff](#)

### Broad habitat

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

## Distribution

Continentality amplitude: **6**