

Dryopteris cristata

Habitus and growth type

Plant height [m]: **0.5**

Life span: **Perennial**

Life form: **Hemicryptophyte**

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: **Slightly acidic to near-neutral**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **4.9**

Temperature indicator value: **4.9**

Moisture indicator value: **8.6**

Reaction indicator value: **4.6**

Nutrient indicator value: **4.4**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.42**

Disturbance frequency (herb layer): **1.18**

Disturbance severity: **0.48**

Disturbance severity (herb layer): **0.17**

Mowing frequency: **0.14**

Grazing pressure: **0.14**

Soil disturbance: **0.14**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [IA \(ALN\) *Alnetea glutinosae*](#), [PA \(SCH\) *Scheuchzeria palustris-Caricetea fuscae*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [T15 Broadleaved swamp forest on non-acid peat](#)

Broad habitat

Occurrence in broad habitats: **Mire, Forest**

Distribution

Continentality: **5**

Continentality amplitude: **4**