Dryopteris carthusiana aggr.

Habitus and growth type

Plant height [m]: **0.7**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **22.19**

Flower

Flowering period: **April-November**

Fruit, seed and dispersal

Seed mass [mg]: **0**

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: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Reaction indicator value: **3.6**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.09**
Disturbance frequency (herb layer): **1.22**
Disturbance severity: **0.69**
Disturbance severity (herb layer): **0.16**
Mowing frequency: **0.01**
Grazing pressure: **0.19**
Soil disturbance: **0.13**

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Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **T12 Alnus glutinosa-Alnus incana forest on riparian and mineral soils**, **T15 Broadleaved swamp forest on non-acid peat**, **T16 Broadleaved mire forest on acid peat**, **T31 Temperate mountain Picea forest**, **T32 Temperate mountain Abies forest**, **T3F Dark taiga**, **T3K Picea mire forest**

Constant species of EUNIS habitats: **N1D Atlantic and Baltic broad-leaved coastal dune forest**, **N1F Baltic coniferous coastal dune forest**, **S25 Subalpine and subarctic deciduous scrub**, **S26 Subalpine Pinus mugo scrub**, **S32 Temperate Rubus scrub**, **S38 Temperate forest clearing scrub**, **S92 Salix fen scrub**, **T12 Alnus glutinosa-Alnus incana forest on riparian and mineral soils**, **T13 Temperate hardwood riparian forest**, **T15 Broadleaved swamp forest on non-acid peat**, **T16 Broadleaved mire forest on acid peat**, **T17 Fagus forest on non-acid soils**, **T18 Fagus forest on acid soils**, **T1B Acidophilous Quercus forest**, **T1E Carpinus and Quercus mesic deciduous forest**, **T1F Ravine forest**, **T27 Ilex aquifolium forest**, **T31 Temperate mountain Picea forest**, **T32 Temperate mountain Abies forest**, **T34 Temperate subalpine Larix, Pinus cembra and Pinus uncinata forest**, **T35 Temperate continental Pinus sylvestris forest**, **T3F Dark taiga**, **T3G Pinus sylvestris light taiga**, **T3K Picea mire forest**, **T3M Coniferous plantation of non site-native trees**, **U23 Temperate, lowland to montane siliceous scree**

Dominant species of EUNIS habitats: **T15 Broadleaved swamp forest on non-acid peat**

Broad habitat

Occurrence in broad habitats: **Aquatic, Spring, Wetland, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Scrub, Forest, Sparsely vegetated (incl. rock and scree)**

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