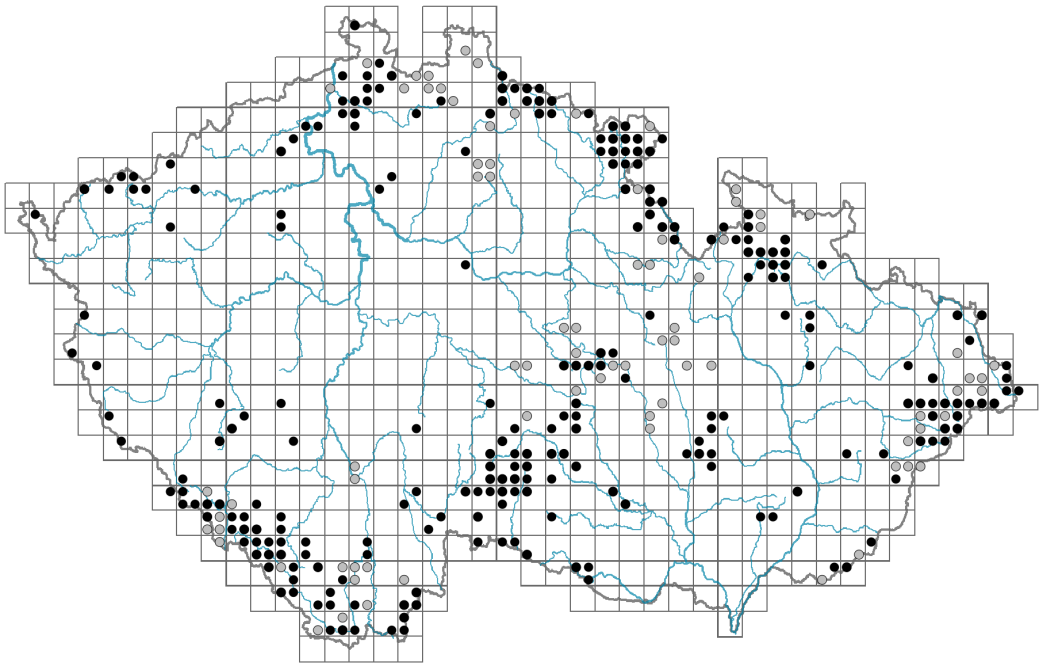
Dryopteris expansa

Distribution





Map info

revised records

unrevised records

On the map are not visualized records without the coordinates and records marked as incorrect or doubtful.









Habitus and growth type

Height [m]: **0.2–0.8**
Growth form: **clonal herb**
Life form: **hemicryptophyte**
Life strategy: **CS – competitor/stress-tolerator**
Life strategy (Pierce method based on leaf traits): **CSR**
Life strategy (Pierce method, C-score): **32.7 %**
Life strategy (Pierce method, S-score): **26.2 %**
Life strategy (Pierce method, R-score): **41.1 %**

Leaf

Leaf presence and metamorphosis: **leaves present, not modified**
Leaf arrangement (phyllotaxis): **rosulate**
Leaf shape: **compound – tripinnate**
Stipules: **absent**
Petiole: **present**
Leaf life span: **summer green**
Leaf anatomy: **mesomorphic, hygromorphic**

Flower

Flowering period [month]: **July–September**

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Dicliny: **synoecious**

Fruit, seed and dispersal

Reproduction type: **by seed/spores and vegetatively**
Dispersal unit (diaspore): **spore**
Dispersal strategy: **Lycopodium (mainly anemochory)**
Myrmecochory: **non-myrmecochorous (b)**

Belowground organs and clonality

Shoot metamorphosis: **rhizome**
Storage organ: **rhizome**

Trophic mode

Parasitism and mycoheterotrophy: **autotrophic**
Carnivory: **non-carnivorous**
Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

Taxon origin

Origin in the Czech Republic: **native**

Ecological indicator values

Ellenberg-type indicator values

Light indicator value: **4 – transition between values 3 and 5**
Temperature indicator value: **4 – transition between values 3 and 5**
Moisture indicator value: **6 – transition between values 5 and 7**
Reaction indicator value: **4 – transition between values 3 and 5**
Nutrient indicator value: **5 – occurring at moderately nutrient-rich sites, and less frequently at poor and rich sites**
Salinity indicator value: **0 – not salt tolerant, glycophyte**

Habitat and sociology

Occurrence in habitats

1 Vegetation of cliffs, screes and walls

1B Siliceous cliffs and block fields: **1 – rare occurrence**

12 Forests

12D Ravine forests: **2 – optimum**
12E Herb-rich beech forests: **2 – optimum**
12G Acidophilous beech forests: **2 – optimum**
12R Acidophilous spruce forests: **2 – optimum**
12V Spruce plantations: **1 – rare occurrence**

Affinity to the forest environment

Affinity to the forest environment in Mesophyticum and Oreophyticum: **1.1 – taxon occurring mainly in the closed forest**

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Ecological specialization indices

Ecological specialization index for all vegetation types: **6.3**
Ecological specialization index for non-forest vegetation: **6.3**
Ecological specialization index for forest vegetation: **6.7**

Colonization ability

Index of colonization success (ICS): **1**

Distribution and frequency

Floristic zone: **boreal, northern temperate, southern temperate, submeridional**
Floristic region: **circumpolar**
Continentality degree: **6**
Distribution range extension along the continentality gradient: **5**
Elevational belt in the Czech Republic: **submontane belt, montane belt, subalpine belt (colline belt)**
Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: 232
taxon.data.freq_in_quad: 375

Commonness in vegetation plots from the Czech Republic

Occurrence frequency in vegetation plots: **0 %**
Occurrence frequency in vegetation plots with a cover above 5%: **0 %**
Occurrence frequency in vegetation plots with a cover above 25%: **0 %**
Occurrence frequency in vegetation plots with a cover above 50%: **0 %**
Mean percentage cover in vegetation plots: **1.6 %**
Maximum percentage cover in vegetation plots: **2 %**

Number of habitats with taxon occurrence in the Czech Republic

Number of narrow habitats in which the taxon occurs: **6**
Number of narrow habitats in which the taxon has its optimum: **4**
Number of broad habitats in which the taxon occurs: **2**
Number of broad habitats in which the taxon has its optimum: **1**

Threats and protection

Red List 2017 (national categories): **C4a – near threatened taxon**
Red List 2017 (IUCN categories): **NT – near threatened**
Legal protection: **not protected by law**

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