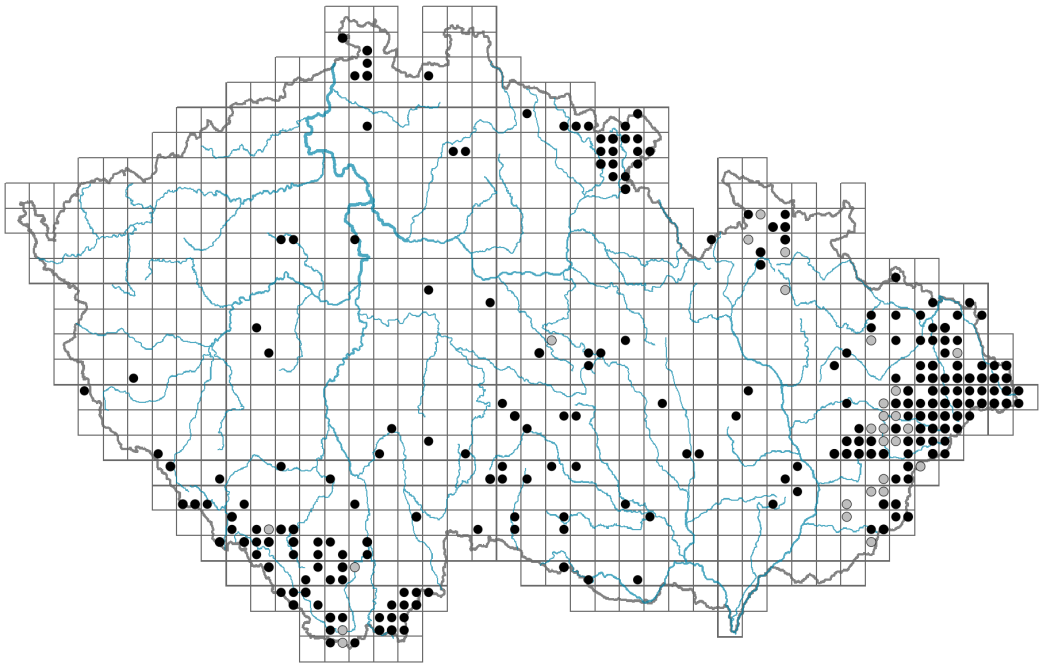
# *Dryopteris borreri*

## 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]: **0.3–1.2**
Growth form: **clonal herb**
Life form: **hemicryptophyte**

### Leaf

Leaf presence and metamorphosis: **leaves present, not modified**
Leaf arrangement (phyllotaxis): **rosulate**
Leaf shape: **compound – bipinnate**
Stipules: **absent**
Petiole: **present**

### Flower

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

### Fruit, seed and dispersal

Dispersal unit (diaspore): **spore**
Dispersal strategy: **Lycopodium (mainly anemochory)**
Myrmecochory: **non-myrmecochorous (b)**

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## 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: **3 – shade plant, usually occurring where the incident radiation is less than 5% of that in an open area, but also at sunnier sites**
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

### Affinity to the forest environment

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

### Colonization ability

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

## Distribution and frequency

Elevational belt in the Czech Republic: **submontane belt, montane belt (colline belt)**
Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: 151
taxon.data.freq_in_quad: 260

## Threats and protection

Red List 2017 (national categories): **C3 – vulnerable taxon**
Red List 2017 (IUCN categories): **NT – near threatened**
Legal protection: **not protected by law**

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