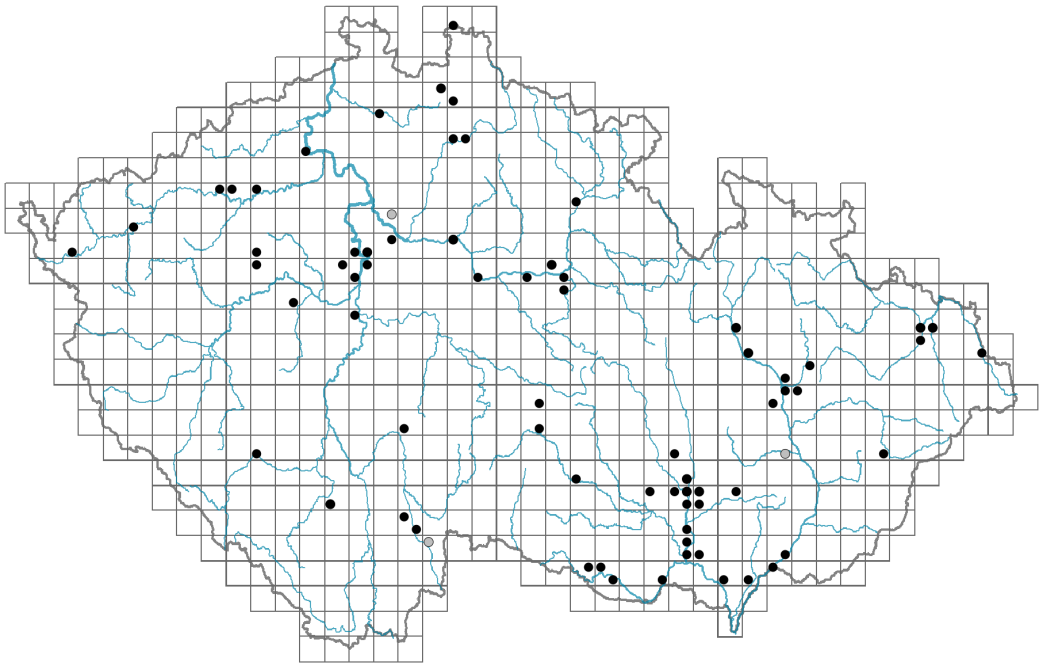
Lepidium perfoliatum

Distribution



Habitus and growth type

Height [m]: **0.2–0.5**
Growth form: **annual herb**
Life form: **therophyte**
Life strategy: **R – ruderal**

Leaf

Leaf presence and metamorphosis: **leaves present, not modified**
Leaf arrangement (phyllotaxis): **alternate**
Leaf shape: **simple – entire, simple – pinnately divided**
Stipules: **absent**
Petiole: **both present and absent**
Leaf life span: **overwintering green**

Flower

Flowering period [month]: **May–June**
Flower colour: **yellow**
Flower symmetry: **actinomorphic**
Perianth type: **calyx and corolla**
Perianth fusion: **free**
Calyx fusion: **aposepalous**

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Inflorescence type: **racemus**
Dicliny: **synoecious**
Generative reproduction type: **autogamy**
Pollination syndrome: **selfing**

Fruit, seed and dispersal

Fruit type: **dry fruit – silicula**
Reproduction type: **only by seed/spores**
Dispersal unit (diaspore): **seed, fruit, infrutescence or its part**
Dispersal strategy: **Allium (mainly autochory)**
Myrmecochory: **non-myrmecochorous (b)**

Belowground organs and clonality

Shoot life span (cyclicity): **monocyclic shoots prevailing**
Primary root: **present**

Bud bank

Number of buds per shoot at the soil surface (root buds excluded): **5**
Number of buds per shoot at a depth of 0–10 cm (root buds excluded): **3**
Number of buds per shoot at a depth greater than 10 cm (root buds excluded): **0**
Size of the belowground bud bank (root buds excluded): **8**
Depth of the belowground bud bank (root buds exluded) [cm]: **2**
Number of buds per shoot at the soil surface (root buds included): **5**
Number of buds per shoot at a depth of 0–10 cm (root buds included): **3**
Number of buds per shoot at a depth greater than 10 cm (root buds included): **0**
Size of the belowground bud bank (root buds included): **8**
Depth of the belowground bud bank (root buds included) [cm]: **2**

Trophic mode

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

Taxon origin

Origin in the Czech Republic: **neophyte**
Invasion status: **casual**
Geographic origin: **Europe, Mediterranean**
Year of the first record in the wild: **1866**
Period of introduction: **Late Modern Period (1800–1950)**
Introduction pathway: **unintentional – traffic, unintentional – industry**

Ecological indicator values

Ellenberg-type indicator values

Light indicator value: **8 – light plant, only exceptionally occurring at less than 40% of diffuse radiation incident in an open area**

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Temperature indicator value: **6 – transition between values 5 and 7**
Moisture indicator value: **5 – indicator of fresh soils, focus on soils of average moisture, missing on wet and on soils that frequently dry out**
Reaction indicator value: **8 – transition between values 7 and 9, occurring mostly in calcium-rich conditions**
Nutrient indicator value: **6 – transition between values 5 and 7**
Salinity indicator value: **3 – β-mesohaline, mostly on soils with low salt content**

Habitat and sociology

Occurrence in habitats

13 Anthropogenic vegetation

13A Annual vegetation of ruderal habitats: **2 – optimum**
13C Annual vegetation of trampled habitats: **1 – rare occurrence**
13D Perennial thermophilous ruderal vegetation: **2 – optimum**

Affinity to the forest environment

Affinity to the forest environment in Thermophyticum: **0 – taxon that does not spontaneously occur in Czech forests**
Affinity to the forest environment in Mesophyticum and Oreophyticum: **0 – taxon that does not spontaneously occur in Czech forests**

Distribution and frequency

Floristic zone: **submeridional, meridional**
Floristic region: **Europe, Western Asia**
Continentality degree: **8**
Distribution range extension along the continentality gradient: **4**
Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: 62
taxon.data.freq_in_quad: 74

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: **2.5 %**
Maximum percentage cover in vegetation plots: **3 %**

Number of habitats with taxon occurrence in the Czech Republic

Number of narrow habitats in which the taxon occurs: **3**
Number of narrow habitats in which the taxon has its optimum: **2**
Number of broad habitats in which the taxon occurs: **1**
Number of broad habitats in which the taxon has its optimum: **1**

Threats and protection

Red List 2017 (national categories): **taxon is not on the Red List**
Red List 2017 (IUCN categories): **LC(NA) – least concern (taxon is not on the Red List)**

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Legal protection: **not protected by law**

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