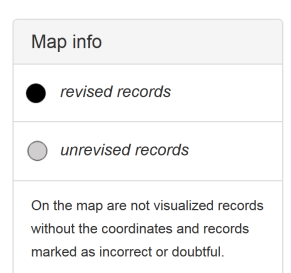
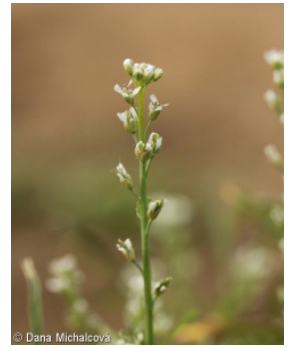
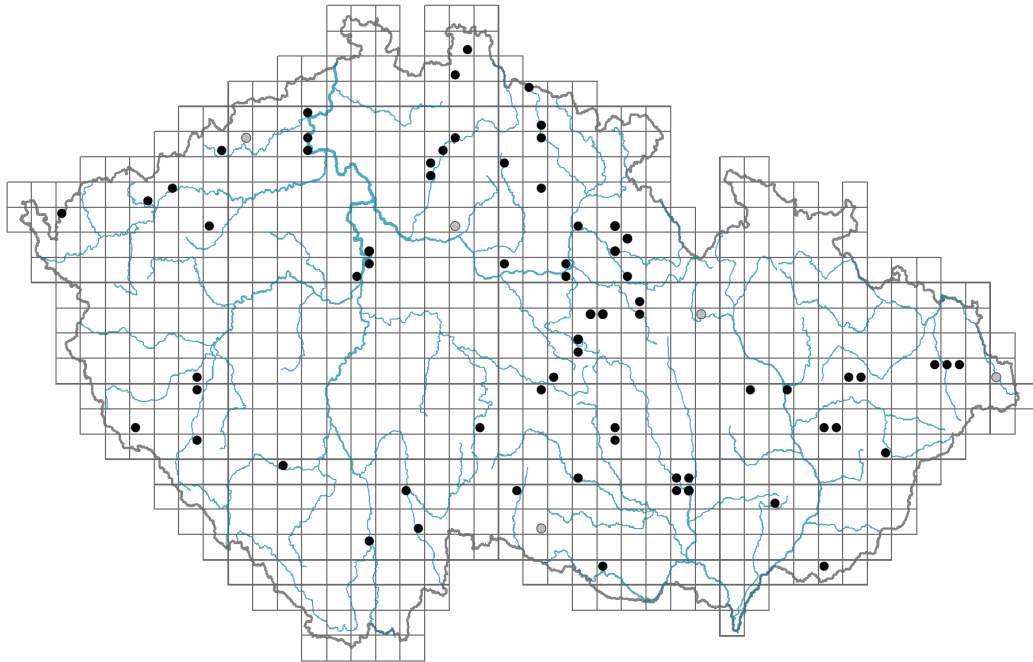


# *Lepidium sativum*

## Distribution



## Habitus and growth type

Height [m]: **0.2-0.6**

Growth form: **annual herb**

Life form: **therophyte**

Life strategy: **R - ruderal**

Life strategy (Pierce method based on leaf traits): **R/CR**

Life strategy (Pierce method, C-score): **32.7 %**

Life strategy (Pierce method, S-score): **0 %**

Life strategy (Pierce method, R-score): **67.3 %**

## Leaf

Leaf presence and metamorphosis: **leaves present, not modified**

Leaf arrangement (phyllotaxis): **alternate**

Leaf shape: **simple - pinnately divided**

Stipules: **absent**

Petiole: **both present and absent**

Leaf life span: **summer green**

Leaf anatomy: **mesomorphic, hygromorphic**

## Flower

Flowering period [month]: **May-July**

Flower colour: **white**  
Flower symmetry: **actinomorphic**  
Perianth type: **calyx and corolla**  
Perianth fusion: **free**  
Calyx fusion: **aposepalous**  
Inflorescence type: **racemus**  
Dicliny: **synoecious**  
Generative reproduction type: **mixed mating**  
Pollination syndrome: **insect-pollination, selfing**

### Fruit, seed and dispersal

Fruit type: **dry fruit - silicula**  
Fruit colour: **brown**  
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): **dicyclic or polycyclic shoots prevailing**  
Primary root: **present**

#### Bud bank

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

### Trophic mode

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

### Taxon origin

Origin in the Czech Republic: **archaeophyte/neophyte**  
Invasion status: **casual**  
Geographic origin: **Mediterranean, Africa**  
Year of the first record in the wild: **1808**  
Period of introduction: **Late Middle Ages and Early Modern Period (merged category, 1200–1800)**



Introduction pathway: **intentional - crops**

## 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**

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: **subtropical**

Floristic region: **Eastern Africa**

Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: 63

taxon.data.freq\_in\_quad: 73

Number of habitats with taxon occurrence in the Czech Republic

Number of narrow habitats in which the taxon occurs: **2**

Number of narrow habitats in which the taxon has its optimum: **1**

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)**

Legal protection: **not protected by law**