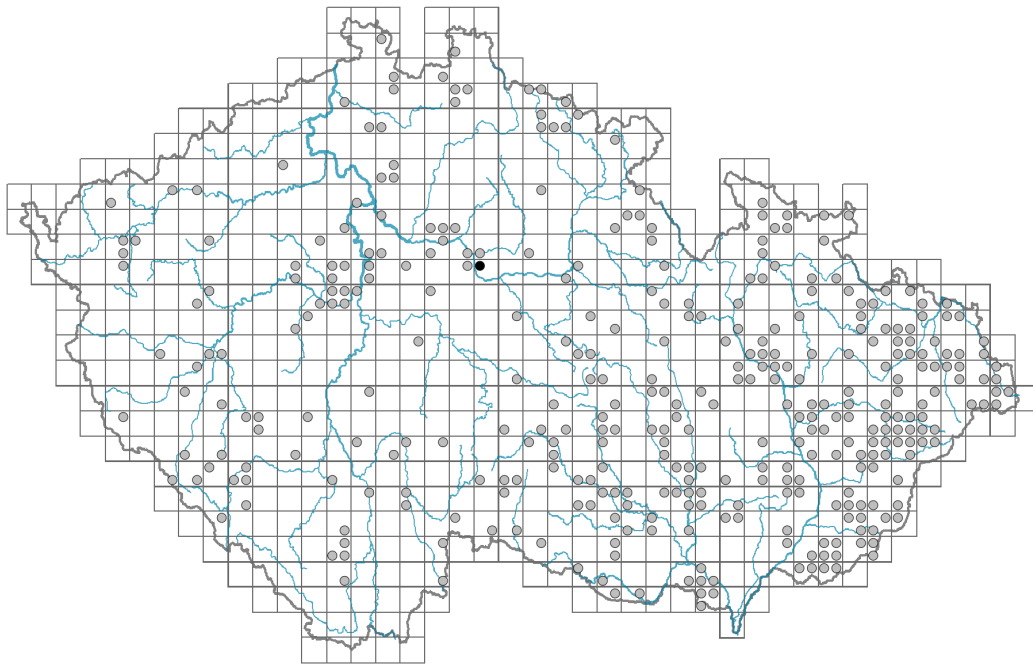


Solanum tuberosum

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]: **0.4-1**

Growth form: **clonal herb**

Life form: **geophyte**

Life strategy: **CR - competitor/ruderal**

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

Life strategy (Pierce method, C-score): **73.3 %**

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

Life strategy (Pierce method, R-score): **26.7 %**

Leaf

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

Leaf arrangement (phyllotaxis): **alternate**

Leaf shape: **compound - interruptedly pinnate**

Stipules: **absent**

Petiole: **present**

Leaf life span: **summer green**

Leaf anatomy: **mesomorphic**

Flower

Flowering period [month]: **June-August**

Flower colour: **white, pink, violet**
 Flower symmetry: **actinomorphic**
 Perianth type: **calyx and corolla**
 Perianth fusion: **fused**
 Shape of the sympetalous corolla or syntepalous perianth: **rotate**
 Calyx fusion: **synsepalous**
 Inflorescence type: **cincinnus**
 Dicliny: **synoecious**
 Generative reproduction type: **alogamy self-incompatibility**
 Pollination syndrome: **insect-pollination, selfing**



Fruit, seed and dispersal

Fruit type: **fleshy fruit - berry**
 Fruit colour: **green, yellow**
 Reproduction type: **by seed/spores and vegetatively**
 Dispersal strategy: **Zea (no dispersal)**
 Myrmecochory: **non-myrmecochorous (b)**



Belowground organs and clonality

Shoot metamorphosis: **stolon, stolon with tuberous tip**
 Storage organ: **stolon, stolon with tuberous tip**
 Type of clonal growth organ: **belowground stem tuber**
 Freely dispersible organs of clonal growth: **absent**
 Shoot life span (cyclicity): **monocyclic shoots prevailing**
 Branching type of stem-derived organs of clonal growth: **sympodial**
 Primary root: **absent**
 Persistence of the clonal growth organ [year]: **1**
 Number of clonal offspring: **6**
 Lateral spreading distance by clonal growth [m]: **0.13**
 Clonal index: **5**



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): **15**
 Number of buds per shoot at a depth greater than 10 cm (root buds excluded): **8**
 Size of the belowground bud bank (root buds excluded): **28**
 Depth of the belowground bud bank (root buds excluded) [cm]: **7**
 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): **15**
 Number of buds per shoot at a depth greater than 10 cm (root buds included): **8**
 Size of the belowground bud bank (root buds included): **28**
 Depth of the belowground bud bank (root buds included) [cm]: **7**

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: **anecophyte**

Period of introduction: **Early Modern Period (1500-1800)**

Introduction pathway: **intentional - crops**

Habitat and sociology

Occurrence in habitats

13 Anthropogenic vegetation

13A Annual vegetation of ruderal habitats: **1 - rare occurrence**

13B Annual vegetation of arable land: **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, tropical**

Floristic region: **Western America**

Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: 244

taxon.data.freq_in_quad: 357

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: **0**

Number of broad habitats in which the taxon occurs: **1**

Number of broad habitats in which the taxon has its optimum: **0**

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**