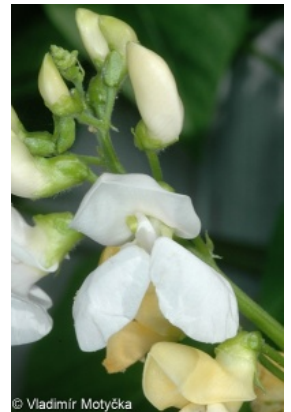
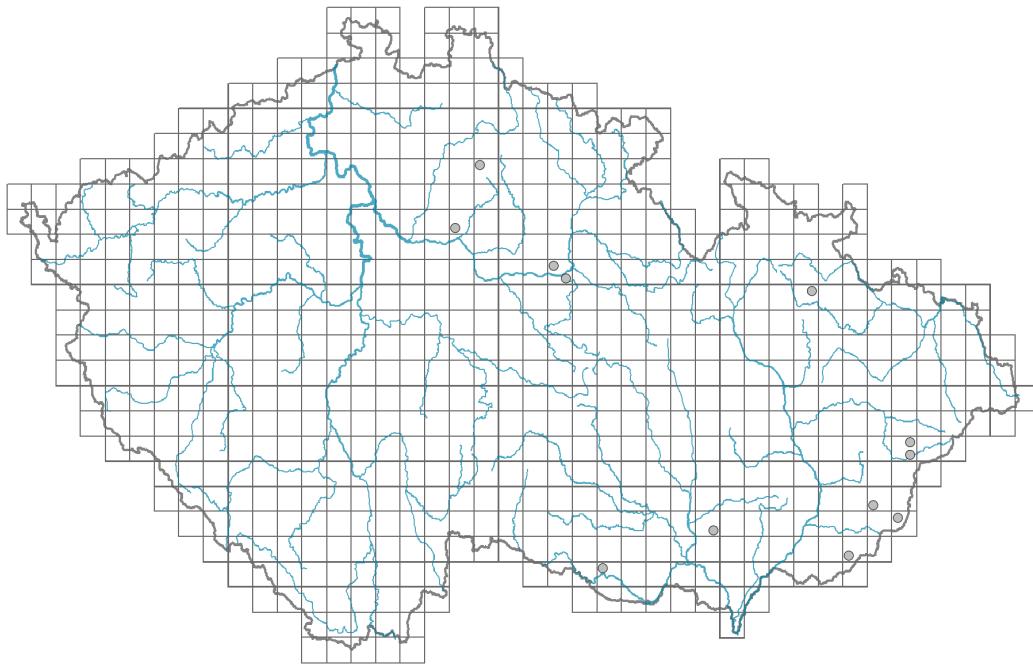


Phaseolus vulgaris

Distribution



Habitus and growth type

Height [m]: **0.2**

Growth form: **annual herb**

Life form: **therophyte**

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

Life strategy (Pierce method, C-score): **57.7 %**

Life strategy (Pierce method, S-score): **19.4 %**

Life strategy (Pierce method, R-score): **22.9 %**

Leaf

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

Leaf arrangement (phyllotaxis): **alternate**

Leaf shape: **compound - ternate**

Stipules: **present**

Petiole: **present**

Leaf life span: **summer green**

Leaf anatomy: **mesomorphic**

Flower

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

Flower colour: **white, violet, blue-violet**

Flower symmetry: **zygomorphic**
 Perianth type: **calyx and corolla**
 Perianth fusion: **free**
 Calyx fusion: **synsepalous**
 Inflorescence type: **racemus**
 Dicliny: **synoecious**
 Generative reproduction type: **autogamy**
 Pollination syndrome: **insect-pollination, selfing**



Fruit, seed and dispersal

Fruit type: **dry fruit - legume**
 Fruit colour: **yellow, violet, red, brown**
 Reproduction type: **only by seed/spores**
 Dispersal strategy: **Zea (no dispersal)**
 Myrmecochory: **non-myrmecochorous (b)**



Belowground organs and clonality

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

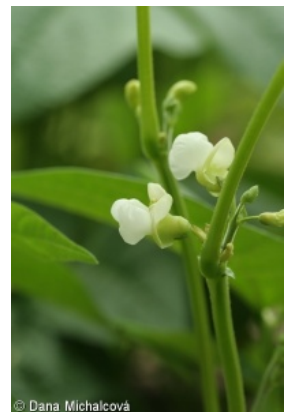
Bud bank

Number of buds per shoot at the soil surface (root buds excluded):
 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: **symbiosis with rhizobia**



Taxon origin

Origin in the Czech Republic: **neophyte**
 Invasion status: **casual**
 Geographic origin: **Central America, South America**
 Period of introduction: **Early Modern Period (1500–1800)**
 Introduction pathway: **intentional - crops**

Habitat and sociology

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: **Americas**

Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: 10

taxon.data.freq_in_quad: 12

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**

