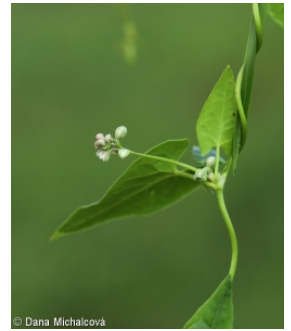
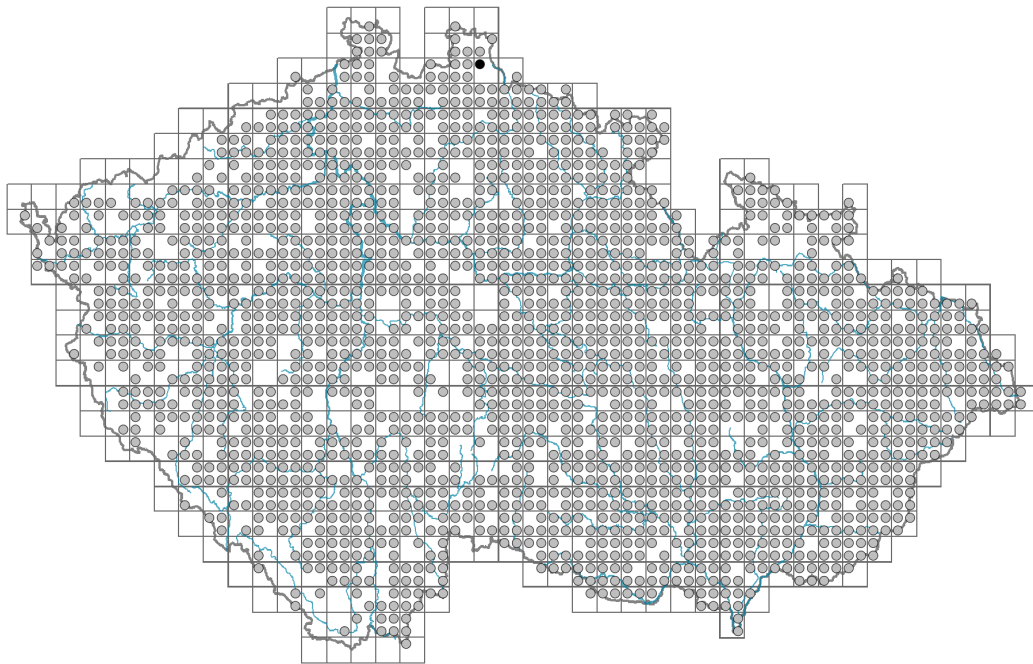


Fallopia convolvulus

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]: **0.1-0.4**

Growth form: **annual herb**

Life form: **therophyte**

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

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

Life strategy (Pierce method, C-score): **25.6 %**

Life strategy (Pierce method, S-score): **22.8 %**

Life strategy (Pierce method, R-score): **51.6 %**

Leaf

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

Leaf arrangement (phyllotaxis): **alternate**

Leaf shape: **simple - entire**

Stipules: **present**

Petiole: **present**

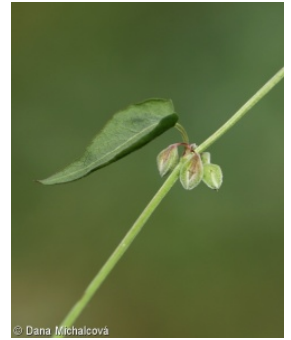
Leaf life span: **summer green**

Leaf anatomy: **mesomorphic, hygromorphic**

Flower

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

Flowering phase: **7 Ligustrum vulgare-Stachys sylvatica (end of early summer)**
 Flower colour: **green-white, green**
 Flower symmetry: **actinomorphic**
 Perianth type: **homochlamydeous**
 Perianth fusion: **fused**
 Shape of the sympetalous corolla or syntepalous perianth: **funnel-shaped**
 Inflorescence type: **racemus e fasciculis compositus**
 Dicliny: **synoecious**
 Generative reproduction type: **autogamy**
 Pollination syndrome: **insect-pollination, selfing**



Fruit, seed and dispersal

Fruit type: **dry fruit - achene/cypsela/samara**
 Fruit colour: **black**
 Reproduction type: **only by seed/spores**
 Dispersal unit (diaspore): **fruit, infrutescence or its part**
 Dispersal strategy: **Allium (mainly autochory)**
 Myrmecochory: **probably myrmecochorous**

Belowground organs and clonality

Shoot life span (cyclicality): **monocyclic shoots prevailing**
 Primary root: **present**
 Bud bank
 Number of buds per shoot at the soil surface (root buds excluded): **3**
 Number of buds per shoot at a depth of 0–10 cm (root buds excluded): **0**
 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): **3**
 Depth of the belowground bud bank (root buds excluded) [cm]: **1**
 Number of buds per shoot at the soil surface (root buds included): **3**
 Number of buds per shoot at a depth of 0–10 cm (root buds included): **0**
 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): **3**
 Depth of the belowground bud bank (root buds included) [cm]: **1**

Trophic mode

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

Karyology

Chromosome number (2n): **40 (20)**
 Ploidy level (x): **4 (2)**
 2C genome size [Mbp]: **2563.33**
 1Cx monoploid genome size [Mbp]: **640.83**
 Genomic GC content: **40.9 %**

Taxon origin

Origin in the Czech Republic: **native**

Ecological indicator values

Ellenberg-type indicator values

Light indicator value: **7x - half-light plant, mostly occurring at full light, but also in the shade up to about 30% of diffuse radiation incident in an open area (generalist)**

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: **6x - transition between values 5 and 7 (generalist)**

Nutrient indicator value: **6 - transition between values 5 and 7**

Salinity indicator value: **0 - not salt tolerant, glycophyte**

Indicator values for disturbance

Whole-community disturbance frequency indicator value: **-0.74**

Herb layer disturbance frequency indicator value: **-0.24**

Whole-community disturbance severity indicator value: **0.88**

Herb layer disturbance severity indicator value: **0.87**

Whole-community structure based disturbance indicator value: **0.56**

Herb layer structure-based disturbance indicator value: **0.61**

Habitat and sociology

Occurrence in habitats

1 Vegetation of cliffs, screes and walls

1A Calcareous cliffs: **1 - rare occurrence**

1B Siliceous cliffs and block fields: **1 - rare occurrence**

1C Walls: **1 - rare occurrence**

1D Mobile calcareous screes: **2 - optimum**

4 Wetland and riverine herbaceous vegetation

4D Riverine reed vegetation: **1 - rare occurrence**

4H Vegetation of low annual hygrophilous herbs: **1 - rare occurrence**

4I Vegetation of nitrophilous annual hygrophilous herbs: **1 - rare occurrence**

6 Meadows and mesic pastures

6A Mesic Arrhenatherum meadows: **1 - rare occurrence**

6C Pastures and park grasslands: **1 - rare occurrence**

6D Alluvial meadows of lowland rivers: **1 - rare occurrence**

6G Vegetation of wet disturbed soils: **1 - rare occurrence**

8 Dry grasslands

8A Hercynian dry grasslands on rock outcrops: **1 - rare occurrence**

8B Submediterranean dry grasslands on rock outcrops: **1 - rare occurrence**

8C Narrow-leaved sub-continental steppes: **1 - rare occurrence**

8E Acidophilous dry grasslands: **1 - rare occurrence**

8F Thermophilous forest fringe vegetation: **1 - rare occurrence**

9 Sand grasslands and rock-outcrop vegetation

9B Open vegetation of acidic sands: **1 - rare occurrence**9C Festuca grasslands on acidic sands: **1 - rare occurrence**9F Basiphilous vegetation of spring therophytes and succulents: **1 - rare occurrence**

11 Heathlands and scrub

11L Tall mesic and xeric shrub: **1 - rare occurrence**11N Low xeric scrub: **1 - rare occurrence**11R Scrub and pioneer woodland of forests clearings: **1 - rare occurrence**

12 Forests

12C Oak-hornbeam forests: **1 - rare occurrence**12D Ravine forests: **1 - rare occurrence**12F Limestone beech forests: **1 - rare occurrence**12H Peri-Alpidic basiphilous thermophilous oak forests: **1 - rare occurrence**12I Sub-continental thermophilous oak forests: **1 - rare occurrence**12J Acidophilous thermophilous oak forests: **2 - optimum**12K Acidophilous oak forests: **1 - rare occurrence**12T Robinia pseudacacia plantations: **2 - optimum**12U Plantations of broad-leaved non-native trees: **1 - rare occurrence**12W Pine and larch plantations: **1 - rare occurrence**

13 Anthropogenic vegetation

13A Annual vegetation of ruderal habitats: **2 - optimum**13B Annual vegetation of arable land: **2 - optimum**13C Annual vegetation of trampled habitats: **1 - rare occurrence**13D Perennial thermophilous ruderal vegetation: **1 - rare occurrence**13E Perennial nitrophilous herbaceous vegetation of mesic sites: **1 - rare occurrence**13F Herbaceous vegetation of forests clearings and Rubus scrub: **1 - rare occurrence**

Affinity to the forest environment

Affinity to the forest environment in Thermophyticum: **2.2 - taxon occurring partly in the forest, but mainly in open vegetation**Affinity to the forest environment in Mesophyticum and Oreophyticum: **2.2 - taxon occurring partly in the forest, but mainly in open vegetation**

Diagnostic taxon

Diagnostic taxon of classes: [XB *Stellarietea mediae*](#)Diagnostic taxon of alliances: [XBA *Caucalidion*](#), [XBB *Veronico-Euphorbion*](#), [XBC *Scleranthion annui*](#), [XBD *Arnosseridion minimae*](#)Diagnostic taxon of associations: [XBA01 *Caucalido platycarpi-Conringietum orientalis*](#), [XBA03 *Euphorbio exiguae-Melandrietum noctiflori*](#), [XBC01 *Aphano arvensis-Matricarietum chamomillae*](#), [XBC02 *Spergulo arvensis-Scleranthetum annui*](#), [XBD01 *Sclerantho annui-Arnoseridetum minimae*](#)

Constant taxon

Constant taxon of classes: [XB *Stellarietea mediae*](#)Constant taxon of alliances: [XBA *Caucalidion*](#), [XBB *Veronico-Euphorbion*](#), [XBC *Scleranthion annui*](#), [XBD *Arnosseridion minimae*](#), [XBE *Oxalidion fontanae*](#)Constant taxon of associations: [XBA01 *Caucalido platycarpi-Conringietum orientalis*](#), [XBA02 *Lathyro tuberosi-Adonidetum aestivalis*](#), [XBA03 *Euphorbio exiguae-Melandrietum noctiflori*](#), [XBA04 *Stachyo annuae-Setarietum pumilae*](#), [XBB02 *Veronico-Lamietum hybridi*](#), [XBC01 *Aphano arvensis-Matricarietum chamomillae*](#), [XBC02 *Spergulo arvensis-Scleranthetum annui*](#), [XBC03 *Erophilo*](#)

[*vernae-Arabidopsietum thalianae*, XBD01 *Sclerantho annui-Arnoseridetum minima*](#), [*XBE01 Echinochloo cruris-galli-Chenopodietum polyspermi*](#)

Ecological specialization indices

Ecological specialization index for all vegetation types: **4.7**

Ecological specialization index for non-forest vegetation: **5.2**

Ecological specialization index for forest vegetation: **4.6**

Colonization ability

Index of colonization success (ICS): **7**

Index of colonization potential (ICP): **4**

Optimum successional age [years]: **7.5**

Distribution and frequency

Floristic zone: **boreal, northern temperate, southern temperate, submeridional, meridional, austral or antarctic**

Floristic region: **circumpolar**

Distribution range extension along the continentality gradient: **8**

Elevational belt in the Czech Republic: **lowlands, colline belt, submontane belt, montane belt**

Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: **622**

taxon.data.freq_in_quad: **1969**

Commonness in vegetation plots from the Czech Republic

Occurrence frequency in vegetation plots: **5.5 %**

Occurrence frequency in vegetation plots with a cover above 5%: **11.8 %**

Occurrence frequency in vegetation plots with a cover above 25%: **0.6 %**

Occurrence frequency in vegetation plots with a cover above 50%: **0 %**

Mean percentage cover in vegetation plots: **3.8 %**

Maximum percentage cover in vegetation plots: **38 %**

Number of habitats with taxon occurrence in the Czech Republic

Number of narrow habitats in which the taxon occurs: **38**

Number of narrow habitats in which the taxon has its optimum: **5**

Number of broad habitats in which the taxon occurs: **8**

Number of broad habitats in which the taxon has its optimum: **3**

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**