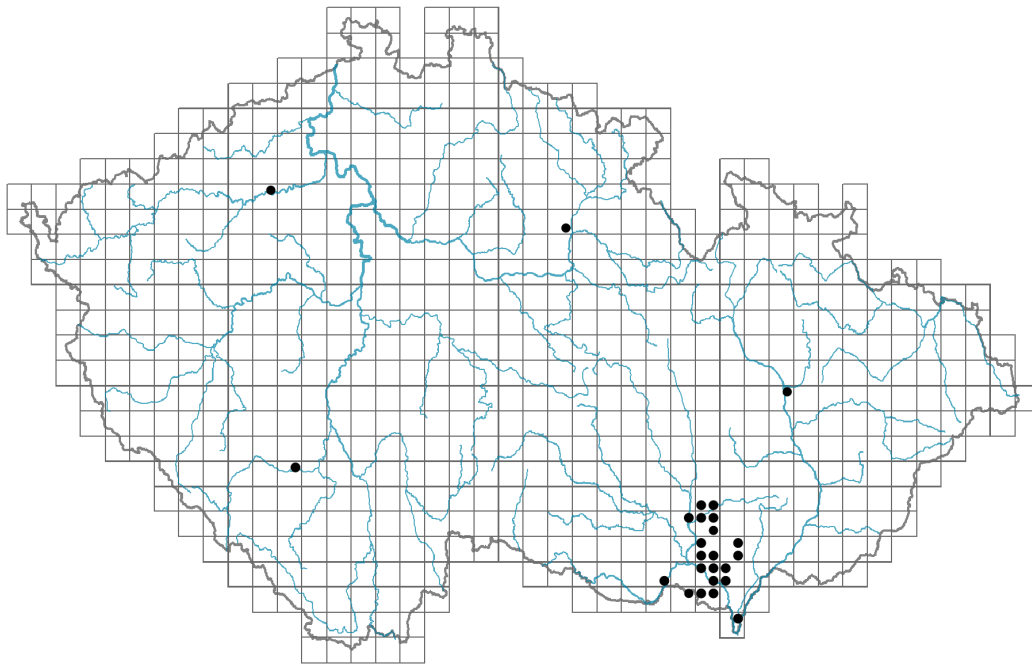


Crypsis schoenoides

Distribution



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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]: **0.03-0.3**

Growth form: **annual herb**

Life form: **therophyte**

Leaf

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

Leaf arrangement (phyllotaxis): **alternate**

Leaf shape: **simple - entire**

Stipules: **absent**

Petiole: **absent**

Flower

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

Flower colour: **green**

Perianth type: **reduced**

Perianth fusion: **reduced**

Inflorescence type: **capitulum e spiculis compositum**

Fruit, seed and dispersal

Fruit type: **dry fruit - caryopsis**



© Dana Michalcová



© Dana Michalcová

Fruit colour: **brown**

Dispersal unit (diaspore): **fruit, infrutescence or its part**

Dispersal strategy: **Allium (mainly autochory)**

Myrmecochory: **non-myrmecochorous (b)**

Trophic mode

Parasitism and mycoheterotrophy: **autotrophic**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

Karyology

Chromosome number (2n): **36**

Ploidy level (x): **4**

2C genome size [Mbp]: **2660.68**

1Cx monoploid genome size [Mbp]: **665.17**

Genomic GC content: **46.8 %**

Taxon origin

Origin in the Czech Republic: **native**

Ecological indicator values

Ellenberg-type indicator values

Light indicator value: **9 - full light plant, occurring only in fully irradiated places, not at less than 50% of diffuse radiation incident in an open area**

Temperature indicator value: **8 - transition between values 7 and 9**

Moisture indicator value: **7 - humidity indicator, focus on well moistened, but not wet soils**

Reaction indicator value: **7 - indicator of slightly acidic to slightly basic conditions, never occurring in very acidic conditions**

Nutrient indicator value: **7 - occurring at nutrient-rich sites more often than at average sites and only exceptionally at poor sites**

Salinity indicator value: **9 - euhaline to hypersaline, on soils with a very high and in dry periods extremely high salt content**

Habitat and sociology

Occurrence in habitats

10 Saline vegetation

10G Continental vegetation of annual halophilous grasses: **3 - dominant**

10I Inland saline meadows: **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**



Diagnostic taxon

Diagnostic taxon of classes: [TA *Crypsietea aculeatae*](#)

Diagnostic taxon of alliances: [TAA *Cypero-Spergularion salinae*](#), [TCA *Puccinellion limosae*](#)

Diagnostic taxon of associations: [TAA02 *Heleochloëtum schoenoidis*](#), [TCA01 *Puccinellietum limosae*](#)

Constant taxon

Constant taxon of classes: [TA *Crypsietea aculeatae*](#)

Constant taxon of alliances: [TAA *Cypero-Spergularion salinae*](#)

Constant taxon of associations: [TAA02 *Heleochloëtum schoenoidis*](#)

Dominant taxon

Dominant taxon of associations: [TAA02 *Heleochloëtum schoenoidis*](#)

Ecological specialization indices

Ecological specialization index for all vegetation types: **5.2**

Ecological specialization index for non-forest vegetation: **5**

Distribution and frequency

Elevational belt in the Czech Republic: **lowlands**

Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: 17

taxon.data.freq_in_quad: 32

Commonness in vegetation plots from the Czech Republic

Occurrence frequency in vegetation plots: **0 %**

Occurrence frequency in vegetation plots with a cover above 5%: **72.7 %**

Occurrence frequency in vegetation plots with a cover above 25%: **72.7 %**

Occurrence frequency in vegetation plots with a cover above 50%: **36.4 %**

Mean percentage cover in vegetation plots: **41.9 %**

Maximum percentage cover in vegetation plots: **88 %**

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: **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): **C1t - critically threatened taxon, declining**

Red List 2017 (IUCN categories): **CR - critically endangered**

Legal protection: **critically threatened taxon**

