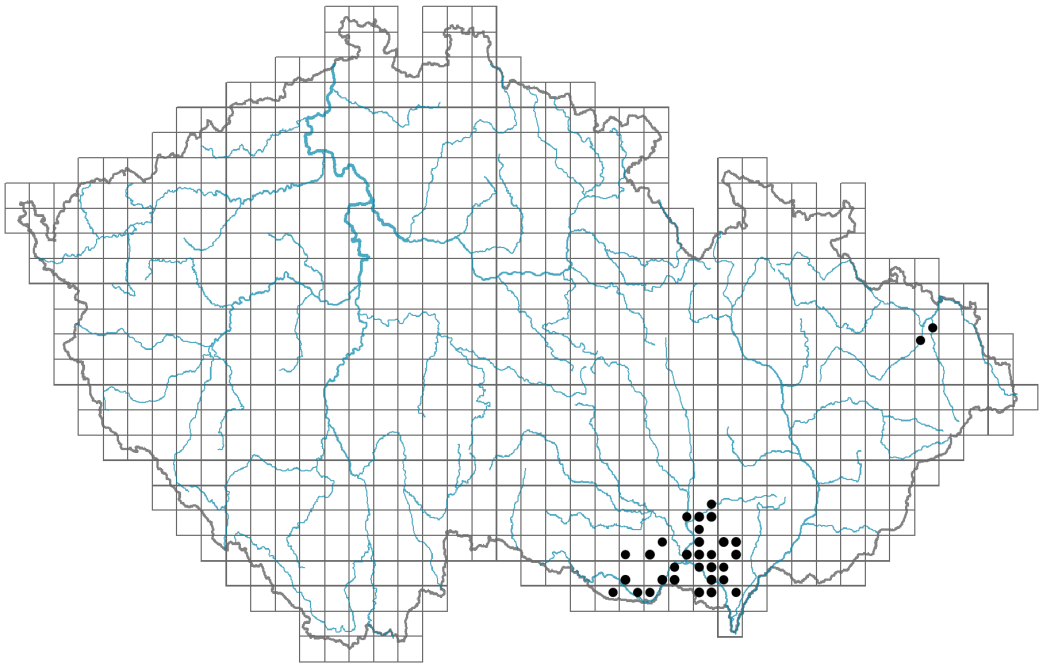
Tripolium pannonicum subsp. *pannonicum*

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]: **0.1–0.7**
Growth form: **clonal herb**
Life form: **therophyte (hemicryptophyte)**
Life strategy (Pierce method based on leaf traits): **CR**
Life strategy (Pierce method, C-score): **57.4 %**
Life strategy (Pierce method, S-score): **0 %**
Life strategy (Pierce method, R-score): **42.6 %**

Leaf

Leaf presence and metamorphosis: **leaves present, not modified**
Leaf arrangement (phyllotaxis): **alternate**
Leaf shape: **simple – entire**
Stipules: **absent**
Petiole: **both present and absent**

Flower

Flowering period [month]: **June–September**
Flower colour: **yellow, blue, blue-violet**
Flower symmetry: **actinomorphic, zygomorphic**
Perianth type: **calyx reduced, corolla present**

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Perianth fusion: **fused**
Shape of the sympetalous corolla or syntepalous perianth: **ligulate, tubular**
Calyx fusion: **pappus**
Inflorescence type: **corymbothyrsus ex anthodiis compositus**
Generative reproduction type: **facultative allogamy**



Fruit, seed and dispersal

Fruit type: **dry fruit – achene/cypsela/samara**
Fruit colour: **brown**
Dispersal unit (diaspore): **fruit, infrutescence or its part**
Dispersal strategy: **Epilobium (mainly anemochory and autochory)**



Belowground organs and clonality

Type of clonal growth organ: **epigeogenous rhizome**
Freely dispersible organs of clonal growth: **absent**
Shoot life span (cyclicity): **dicyclic or polycyclic shoots prevailing**
Branching type of stem-derived organs of clonal growth: **sympodial**
Primary root: **absent**
Persistence of the clonal growth organ [year]: **4**
Number of clonal offspring: **3.5**
Lateral spreading distance by clonal growth [m]: **0.01**
Clonal index: **4**



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): **10**
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): **15**
Depth of the belowground bud bank (root buds exluded) [cm]: **4**
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): **10**
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): **15**
Depth of the belowground bud bank (root buds included) [cm]: **4**



Trophic mode

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

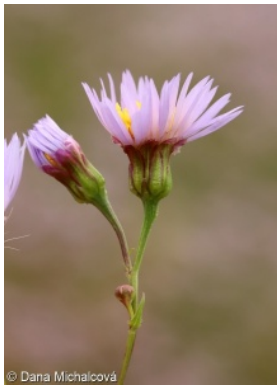


Karyology

Chromosome number (2n): **18**
Ploidy level (x): **2**
2C genome size [Mbp]: **15575.57**
1Cx monoploid genome size [Mbp]: **7787.79**
Genomic GC content: **41.3 %**

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Taxon origin



Origin in the Czech Republic: **native**

Ecological indicator values

Ellenberg-type indicator values

Light indicator value: **7 – 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**

Temperature indicator value: **7 – heat indicator, occurring in relatively warm lowlands**



Moisture indicator value: **5x – indicator of fresh soils, focus on soils of average moisture, missing on wet and on soils that frequently dry out (generalist)**

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

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

Salinity indicator value: **8 – euhaline, on soils with a very high salt content**

Indicator values for disturbance



Whole-community disturbance frequency indicator value: **-0.1**

Herb layer disturbance frequency indicator value: **-0.1**

Whole-community disturbance severity indicator value: **0.4**

Herb layer disturbance severity indicator value: **0.42**

Whole-community structure based disturbance indicator value: **0.63**

Herb layer structure-based disturbance indicator value: **0.67**

Habitat and sociology

Occurrence in habitats

4 Wetland and riverine herbaceous vegetation



4B Halophilous reed and sedge beds: **2 – optimum**

10 Saline vegetation

10G Continental vegetation of annual halophilous grasses: **1 – rare occurrence**

10H Inland vegetation of succulent halophytes: **2 – optimum**

10I Inland saline meadows: **2 – optimum**

10J Saline steppes: **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: **TB *Thero-Salicornietea strictae***, **TC *Festuco-Puccinellietea***

Diagnostic taxon of alliances: **TBA *Salicornion prostratae***, **TCA *Puccinellion limosae***, **TCB *Juncion gerardii***

Diagnostic taxon of associations: **MCB01 *Astero pannonici-Bolboschoenetum compacti***, **TAA02 *Heleochloëtum schoenoidis***, **TBA01 *Salicornietum prostratae***, **TBA02 *Spergulario marginatae-Suaedetum prostratae***, **TCA01 *Puccinellietum limosae***, **TCB01 *Scorzonero parviflorae-Juncetum gerardii***, **TCB03 *Agrostio***

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stoloniferae-Juncetum ranarii







Constant taxon

Constant taxon of classes: **TB *Thero-Salicornietea strictae***
Constant taxon of alliances: **TBA *Salicornion prostratae***, **TCA *Puccinellion limosae***
Constant taxon of associations: **TBA01 *Salicornietum prostratae***, **TCA01 *Puccinellietum limosae***

Dominant taxon

Dominant taxon of associations: **TCA01 *Puccinellietum limosae***

Ecological specialization indices

Ecological specialization index for all vegetation types: **5.6**
Ecological specialization index for non-forest vegetation: **5.6**

Distribution and frequency

Continentality degree: **8**
Distribution range extension along the continentality gradient: **4**
Elevational belt in the Czech Republic: **lowlands**
Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: 22
taxon.data.freq_in_quad: 35

Commonness in vegetation plots from the Czech Republic

Occurrence frequency in vegetation plots: **0.2 %**
Occurrence frequency in vegetation plots with a cover above 5%: **17.4 %**
Occurrence frequency in vegetation plots with a cover above 25%: **6.5 %**
Occurrence frequency in vegetation plots with a cover above 50%: **6.5 %**
Mean percentage cover in vegetation plots: **7.3 %**
Maximum percentage cover in vegetation plots: **63 %**

Number of habitats with taxon occurrence in the Czech Republic

Number of narrow habitats in which the taxon occurs: **5**
Number of narrow habitats in which the taxon has its optimum: **4**
Number of broad habitats in which the taxon occurs: **2**
Number of broad habitats in which the taxon has its optimum: **2**

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**

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