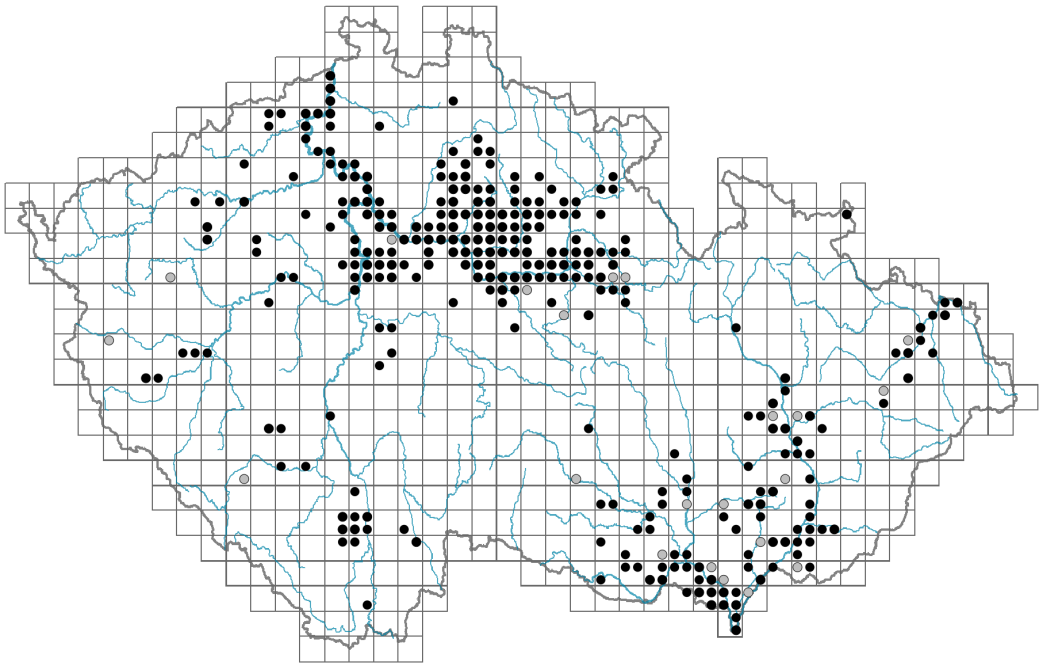
Bolboschoenus laticarpus

Distribution





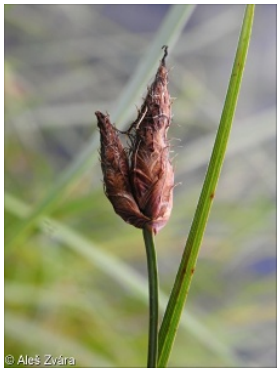
Map info

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]: **0.5–1.3**
Growth form: **clonal herb**
Life form: **geophyte**

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]: **June–July**
Flower colour: **brown**
Perianth type: **reduced**
Perianth fusion: **reduced**
Inflorescence type: **anthella e spiculis composita**

Fruit, seed and dispersal

Fruit type: **dry fruit – achene/cypsela/samara**

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Fruit colour: **brown**
Dispersal unit (diaspore): **fruit, infrutescence or its part**
Dispersal strategy: **Sparganium (mainly autochory and hydrochory)**
Myrmecochory: **probably non-myrmecochorous**

Trophic mode

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

Karyology

Chromosome number (2n): **110**
Ploidy level (x): **2**
2C genome size [Mbp]: **458.18**
1Cx monoploid genome size [Mbp]: **229.09**
Genomic GC content: **35.7 %**

Taxon origin

Origin in the Czech Republic: **native**

Ecological indicator values

Ellenberg-type indicator values

Light indicator value: **8 – light plant, only exceptionally occurring at less than 40% of diffuse radiation incident in an open area**
Temperature indicator value: **6 – transition between values 5 and 7**
Moisture indicator value: **10 – aquatic plant that survives long periods without soil flooding**
Reaction indicator value: **8 – transition between values 7 and 9, occurring mostly in calcium-rich conditions**
Nutrient indicator value: **6 – transition between values 5 and 7**
Salinity indicator value: **1 – salt tolerant, mostly on low-salt to salt-free soils, but occasionally on slightly salty soils**

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**

Diagnostic taxon

Diagnostic taxon of associations: **MCA10 *Phalarido arundinaceae-Bolboschoenetum laticarpi***, **MCC11 *Bolboschoenetum yagarae***, **MCC12 *Tripleurospermo inodori-Bolboschoenetum planiculmis***

Constant taxon

Constant taxon of associations: **MCA10 *Phalarido arundinaceae-Bolboschoenetum***

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laticarpi*, MCC12 *Tripleurospermo inodori-Bolboschoenetum planiculmis

Dominant taxon

Dominant taxon of associations: **MCA10 *Phalarido arundinaceae-Bolboschoenetum laticarpi*, MCC11 *Bolboschoenetum yagarae*, MCC12 *Tripleurospermo inodori-Bolboschoenetum planiculmis***

Distribution and frequency

Elevational belt in the Czech Republic: **lowlands, colline belt**
Expansive taxon in the region: **Bohemian Thermophyticum, Pannonian Thermophyticum, Carpathian Mesophyticum**
Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: 174
taxon.data.freq_in_quad: 317

Threats and protection

Red List 2017 (national categories): **C4a – near threatened taxon**
Red List 2017 (IUCN categories): **LC – least concern**
Legal protection: **not protected by law**

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