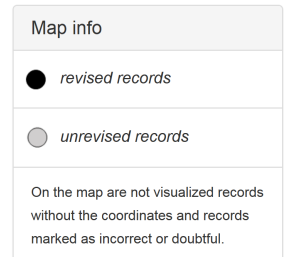
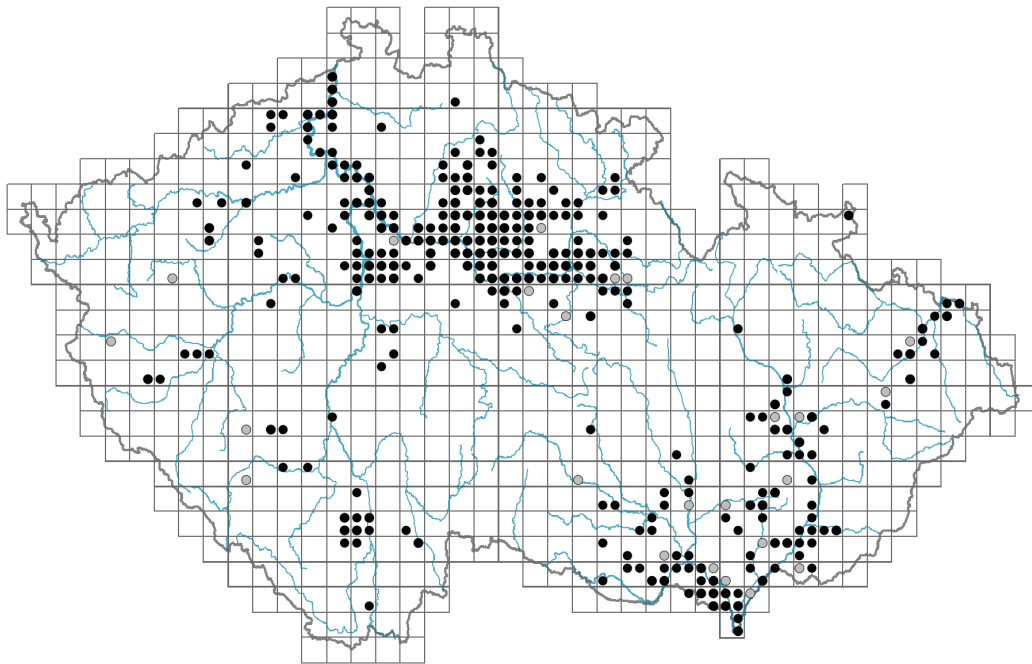


Bolboschoenus laticarpus

Distribution



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**

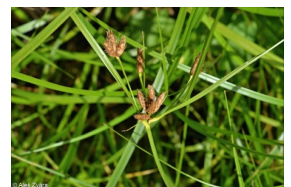
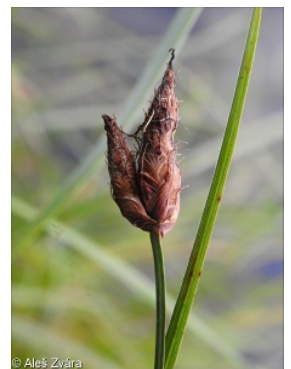
Perianth type: **reduced**

Perianth fusion: **reduced**

Inflorescence type: **anthella e spiculis composita**

Fruit, seed and dispersal

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



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](#)

[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: 175

taxon.data.freq_in_quad: 318

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**