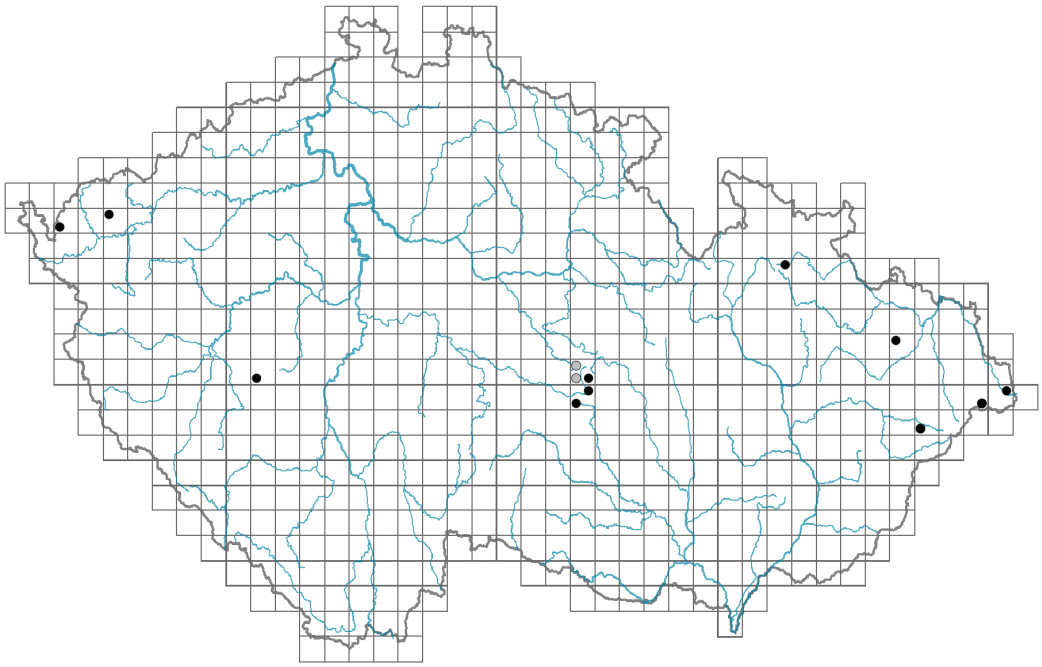
Taraxacum gelertii

Distribution



Habitus and growth type

Height [m]: **0.1–0.3**
Life form: **hemicryptophyte**

Leaf

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

Flower

Flowering period [month]: **May–June**
Flower colour: **yellow**
Flower symmetry: **zygomorphic**
Perianth type: **calyx reduced, corolla present**
Perianth fusion: **fused**
Shape of the sympetalous corolla or syntepalous perianth: **ligulate**
Calyx fusion: **pappus**
Inflorescence type: **anthodium solitarium**
Generative reproduction type: **apomixis**

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Fruit, seed and dispersal

Fruit type: **dry fruit – achene/cypsela/samara**
Myrmecochory: **non-myrmecochorous (b)**

Trophic mode

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

Karyology

Chromosome number (2n): **24**
Ploidy level (x): **3**
2C genome size [Mbp]: **2530.37**
1Cx monoploid genome size [Mbp]: **843.46**
Genomic GC content: **39.8 %**

Taxon origin

Origin in the Czech Republic: **native**

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**

Distribution and frequency

Elevational belt in the Czech Republic: **colline belt, submontane belt**
Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: 10
taxon.data.freq_in_quad: 13

Threats and protection

Red List 2017 (national categories): **C3 – vulnerable taxon**
Red List 2017 (IUCN categories): **VU – vulnerable**
Legal protection: **not protected by law**

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