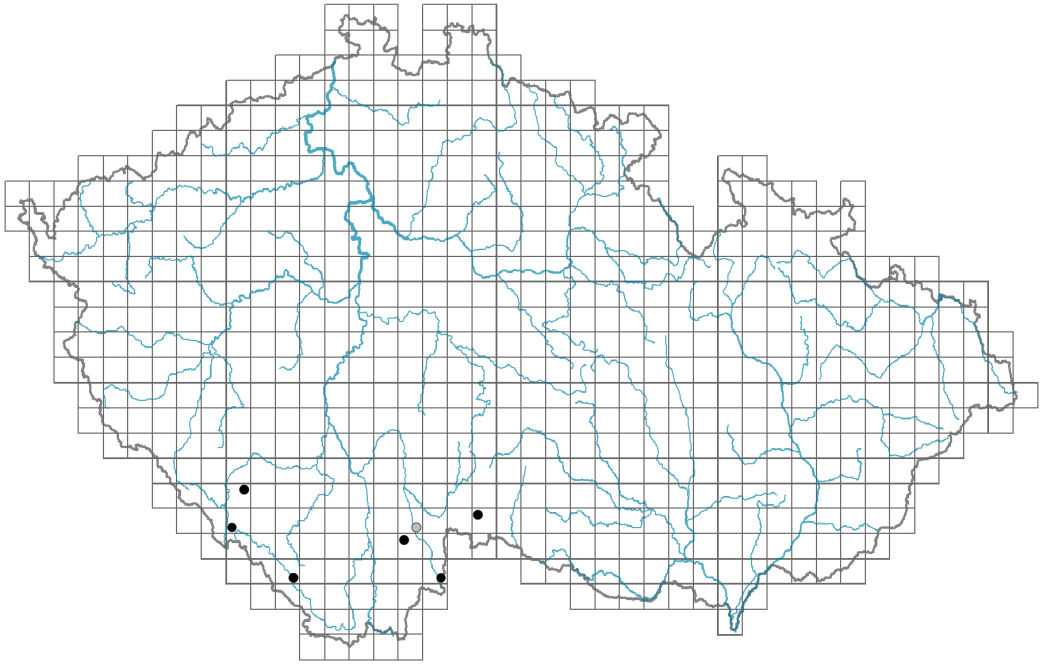
Dactylorhiza traunsteineri subsp. *traunsteineri*



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]: **0.1–0.4**
Growth form: **clonal herb**
Life form: **geophyte**
Life strategy: **CSR – competitor/stress-tolerator/ruderal**
Life strategy (Pierce method based on leaf traits): **R/CR**
Life strategy (Pierce method, C-score): **33.8 %**
Life strategy (Pierce method, S-score): **0 %**
Life strategy (Pierce method, R-score): **66.2 %**

Leaf

Leaf presence and metamorphosis: **leaves present, not modified**
Leaf arrangement (phyllotaxis): **alternate**
Leaf shape: **simple – entire**
Stipules: **absent**
Petiole: **absent**
Leaf life span: **summer green**
Leaf anatomy: **mesomorphic**

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Flower



Flowering period [month]: **June–July**
Flower colour: **red-violet**
Flower symmetry: **zygomorphic**
Perianth type: **homochlamydeous**
Perianth fusion: **free**
Inflorescence type: **spica**
Dicliny: **synoecious**
Generative reproduction type: **facultative allogamy**
Pollination syndrome: **insect-pollination**

Fruit, seed and dispersal



Fruit type: **dry fruit – capsule**
Fruit colour: **green, brown**
Reproduction type: **only by seed/spores**
Dispersal unit (diaspore): **seed**
Dispersal strategy: **Lycopodium (mainly anemochory)**
Myrmecochory: **non-myrmecochorous (b)**

Belowground organs and clonality



Root metamorphosis: **root tuber**
Storage organ: **root tuber**
Type of clonal growth organ: **root tuber**
Freely dispersible organs of clonal growth: **absent**
Shoot life span (cyclicity): **monocyclic shoots prevailing**
Branching type of stem-derived organs of clonal growth: **sympodial**
Primary root: **absent**
Persistence of the clonal growth organ [year]: **1**
Number of clonal offspring: **1**
Lateral spreading distance by clonal growth [m]: **0.01**
Clonal index: **3**

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): **5**
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): **10**
Depth of the belowground bud bank (root buds exluded) [cm]: **3**
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): **5**
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): **10**
Depth of the belowground bud bank (root buds included) [cm]: **3**

Trophic mode

Parasitism and mycoheterotrophy: **partial or initial mycoheterotroph**



Carnivory: **non-carnivorous**
Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

Karyology

Chromosome number (2n): **80**
Ploidy level (x): **4**
2C genome size [Mbp]: **13259.59**
1Cx monoploid genome size [Mbp]: **3314.9**
Genomic GC content: **45.5 %**

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: **4 – transition between values 3 and 5**
Moisture indicator value: **9 – wetness indicator, focus on often soaked, poorly aerated soils**
Reaction indicator value: **4 – transition between values 3 and 5**
Nutrient indicator value: **2 – transition between values 1 and 3**
Salinity indicator value: **0 – not salt tolerant, glycophyte**

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**

Colonization ability

Index of colonization success (ICS): **1**

Distribution and frequency

Floristic zone: **boreal, northern temperate, southern temperate**
Floristic region: **Europe**
Distribution range extension along the continentality gradient: **5**
Elevational belt in the Czech Republic: **colline belt, submontane belt, montane belt**
Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: 10
taxon.data.freq_in_quad: 13

Commonness in vegetation plots from the Czech Republic

Occurrence frequency in vegetation plots: **0 %**
Occurrence frequency in vegetation plots with a cover above 5%: **0 %**

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Occurrence frequency in vegetation plots with a cover above 25%: **0 %**
Occurrence frequency in vegetation plots with a cover above 50%: **0 %**
Mean percentage cover in vegetation plots: **2 %**
Maximum percentage cover in vegetation plots: **2 %**

Threats and protection

Red List 2017 (national categories): **C1b – critically threatened taxon, rare and declining**
Red List 2017 (IUCN categories): **CR – critically endangered**
Legal protection: **critically threatened taxon**

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