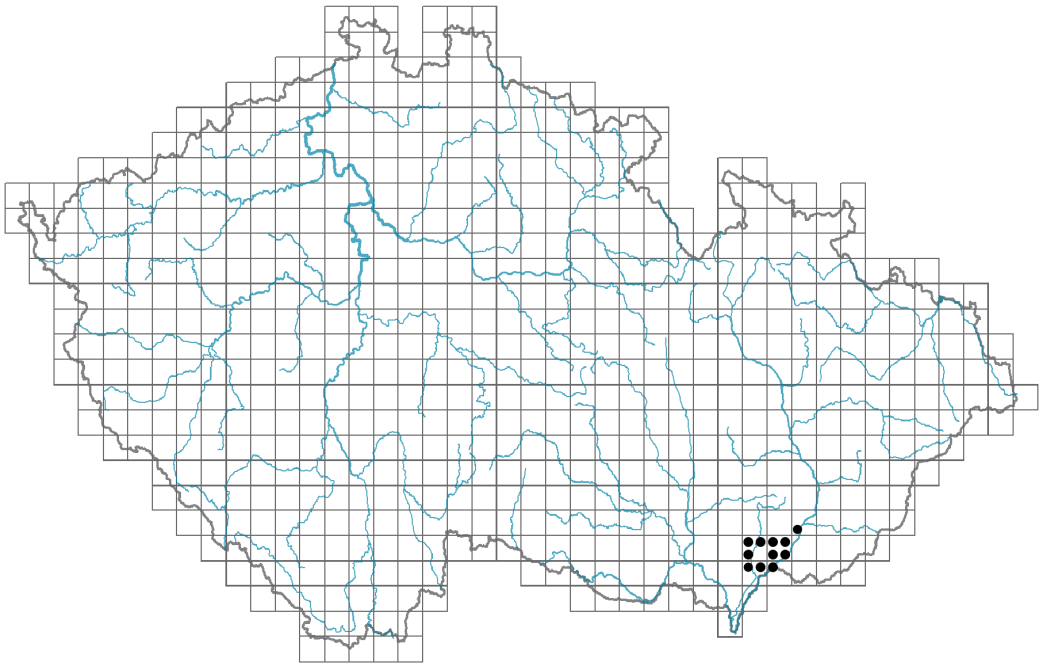
Festuca psammophila subsp. *dominii*



Distribution



Map info

- *revised records*
- *unrevised records*

On the map are not visualized records without the coordinates and records marked as incorrect or doubtful.





Leaf

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

Flower

Flower colour: **green**
Perianth type: **reduced**
Perianth fusion: **reduced**
Inflorescence type: **panicula e spiculis composita**

Fruit, seed and dispersal

Fruit type: **dry fruit – caryopsis**
Fruit colour: **brown**
Dispersal unit (diaspore): **fruit, infrutescence or its part**
Dispersal strategy: **Allium (mainly autochory)**
Myrmecochory: **non-myrmecochorous (b)**

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Trophic mode



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

Karyology

Chromosome number (2n): **14**
Ploidy level (x): **2**
2C genome size [Mbp]: **4242.4**
1Cx monoploid genome size [Mbp]: **2121.2**
Genomic GC content: **47.2 %**

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: **8 – transition between values 7 and 9**
Moisture indicator value: **2 – transition between values 1 and 3**
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**

Indicator values for disturbance

Whole-community disturbance frequency indicator value: **0**
Herb layer disturbance frequency indicator value: **0**
Whole-community disturbance severity indicator value: **0.29**
Herb layer disturbance severity indicator value: **0.34**
Whole-community structure based disturbance indicator value: **0.71**
Herb layer structure-based disturbance indicator value: **0.78**



Habitat and sociology

Occurrence in habitats

9 Sand grasslands and rock-outcrop vegetation

9B Open vegetation of acidic sands: **1 – rare occurrence**
9C Festuca grasslands on acidic sands: **1 – rare occurrence**
9D Pannonian sand steppes: **3 – dominant**

12 Forests

12W Pine and larch plantations: **1 – rare occurrence**

Affinity to the forest environment

Affinity to the forest environment in Thermophyticum: **0 – taxon that does not spontaneously occur in Czech forests**

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Diagnostic taxon

Diagnostic taxon of classes: **TG *Festucetea vaginatae***

Diagnostic taxon of alliances: **TFC *Armerion elongatae***, **TGA *Festucion vaginatae***

Diagnostic taxon of associations: **TFC02 *Erysimo diffusi-Agrostietum capillaris***, **TGA01 *Diantho serotini-Festucetum vaginatae***

Constant taxon

Constant taxon of classes: **TG *Festucetea vaginatae***

Constant taxon of alliances: **TGA *Festucion vaginatae***

Constant taxon of associations: **TFC02 *Erysimo diffusi-Agrostietum capillaris***, **TGA01 *Diantho serotini-Festucetum vaginatae***

Dominant taxon

Dominant taxon of associations: **TGA01 *Diantho serotini-Festucetum vaginatae***

Ecological specialization indices

Ecological specialization index for all vegetation types: **7**

Ecological specialization index for non-forest vegetation: **7**



Distribution and frequency

Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: 5

taxon.data.freq_in_quad: 11

Commonness in vegetation plots from the Czech Republic

Occurrence frequency in vegetation plots: **0.1 %**

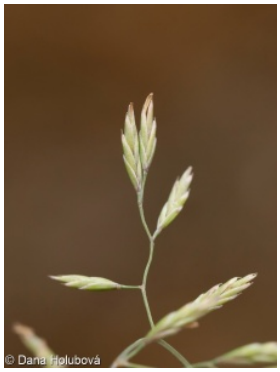
Occurrence frequency in vegetation plots with a cover above 5%: **26.1 %**

Occurrence frequency in vegetation plots with a cover above 25%: **21.7 %**

Occurrence frequency in vegetation plots with a cover above 50%: **8.7 %**

Mean percentage cover in vegetation plots: **12.9 %**

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: **4**

Number of narrow habitats in which the taxon has its optimum: **1**

Number of broad habitats in which the taxon occurs: **2**

Number of broad habitats in which the taxon has its optimum: **1**



Threats and protection

Red List 2017 (national categories): **C1b – critically threatened taxon, rare and declining**

Red List 2017 (IUCN categories): **EN – endangered**

Legal protection: **not protected by law**



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