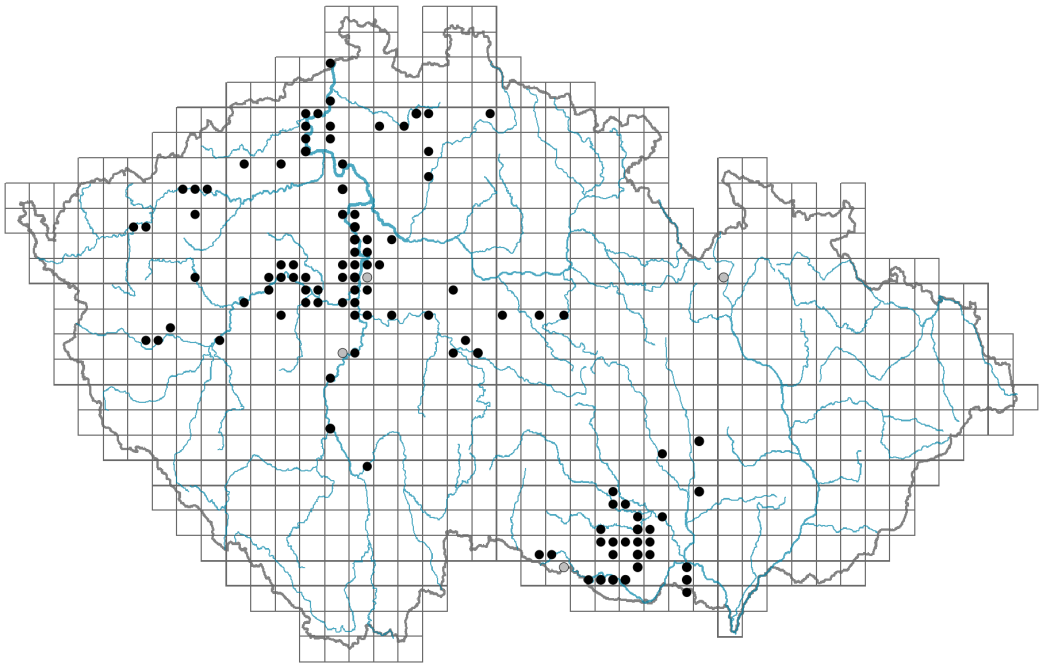
Festuca csikhegyensis

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]: **0.15–0.6**
Growth form: **clonal herb**
Life form: **hemicryptophyte**

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]: **May–June**
Flower colour: **green**
Perianth type: **reduced**
Perianth fusion: **reduced**
Inflorescence type: **panicula e spiculis composita**

Fruit, seed and dispersal

Fruit type: **dry fruit – caryopsis**

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Dispersal unit (diaspore): **fruit, infrutescence or its part**
Dispersal strategy: **Allium (mainly autochory)**
Myrmecochory: **non-myrmecochorous (b)**

Belowground organs and clonality

Type of clonal growth organ: **epigeogenous rhizome**
Freely dispersible organs of clonal growth: **absent**
Shoot life span (cyclicity): **dicyclic or polycyclic shoots prevailing**
Branching type of stem-derived organs of clonal growth: **sympodial**
Primary root: **absent**
Persistence of the clonal growth organ [year]: **4**
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): **15**
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): **20**
Depth of the belowground bud bank (root buds exluded) [cm]: **4**
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): **15**
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): **20**
Depth of the belowground bud bank (root buds included) [cm]: **4**

Trophic mode

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

Karyology

Chromosome number (2n): **28**
Ploidy level (x): **4**
2C genome size [Mbp]: **8095.23**
1Cx monoploid genome size [Mbp]: **2023.81**
Genomic GC content: **47.4 %**

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%**

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of diffuse radiation incident in an open area
Temperature indicator value: **7 – heat indicator, occurring in relatively warm lowlands**
Moisture indicator value: **1 – strong drought indicator, viable at sites that frequently dry out and confined to dry soils**
Reaction indicator value: **6x – transition between values 5 and 7 (generalist)**
Nutrient indicator value: **1 – occurring at nutrient-poorest sites**
Salinity indicator value: **0 – not salt tolerant, glycophyte**

Habitat and sociology

Occurrence in habitats

1 Vegetation of cliffs, screes and walls

1A Calcareous cliffs: **2 – optimum**
1B Siliceous cliffs and block fields: **2 – optimum**
1C Walls: **1 – rare occurrence**

8 Dry grasslands

8A Hercynian dry grasslands on rock outcrops: **3 – dominant**
8B Submediterranean dry grasslands on rock outcrops: **3 – dominant**
8C Narrow-leaved sub-continental steppes: **1 – rare occurrence**
8E Acidophilous dry grasslands: **2 – optimum**
8F Thermophilous forest fringe vegetation: **1 – rare occurrence**

9 Sand grasslands and rock-outcrop vegetation

9B Open vegetation of acidic sands: **1 – rare occurrence**
9E Acidophilous vegetation of spring therophytes and succulents: **2 – optimum**
9F Basiphilous vegetation of spring therophytes and succulents: **2 – optimum**

11 Heathlands and scrub

11A Dry lowland to subalpine heathlands: **1 – rare occurrence**
11L Tall mesic and xeric shrub: **1 – rare occurrence**
11N Low xeric scrub: **1 – rare occurrence**

12 Forests

12D Ravine forests: **1 – rare occurrence**
12H Peri-Alpidic basiphilous thermophilous oak forests: **1 – rare occurrence**
12J Acidophilous thermophilous oak forests: **2 – optimum**
12K Acidophilous oak forests: **1 – rare occurrence**
12L Boreo-continental pine forests: **1 – rare occurrence**
12O Peri-Alpidic pine forests: **2 – optimum**
12T Robinia pseudacacia plantations: **1 – rare occurrence**
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**
Affinity to the forest environment in Mesophyticum and Oreophyticum: **0 – taxon that does not spontaneously occur in Czech forests**

Diagnostic taxon

Diagnostic taxon of alliances: **KBG *Euphorbio cyparissiae-Robinion pseudoacaciae***, **SAB *Asplenion cuneifolii***, **THA *Alysso-Festucion pallentis***, **THB *Bromo pannonici-***

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Festucion pallentis*, THC *Diantho lumnitzeri-Seslerion

Diagnostic taxon of associations: **KBG01 *Melico transsilvanicae-Robinietum pseudoacaciae*, LCC02 *Genisto pilosae-Quercetum petraeae*, LFB03 *Hieracio pallidi-Pinetum sylvestris*, SAB02 *Notholaeno marantae-Sempervivetum hirti*, THA01 *Festuco pallentis-Aurinietum saxatilis*, THA02 *Seselio ossei-Festucetum pallentis*, THA03 *Sedo albi-Allietum montani*, THA04 *Helichryso arenarii-Festucetum pallentis*, THB01 *Poo badensis-Festucetum pallentis*, THC02 *Minuartio setaceae-Seslerietum caeruleae*, THC03 *Saxifrago paniculatae-Seslerietum caeruleae***

Constant taxon

Constant taxon of alliances: **THA *Alysso-Festucion pallentis*, THB *Bromo pannonici-Festucion pallentis*, THC *Diantho lumnitzeri-Seslerion***

Constant taxon of associations: **LCC02 *Genisto pilosae-Quercetum petraeae*, LFB03 *Hieracio pallidi-Pinetum sylvestris*, SAB02 *Notholaeno marantae-Sempervivetum hirti*, THA01 *Festuco pallentis-Aurinietum saxatilis*, THA02 *Seselio ossei-Festucetum pallentis*, THA03 *Sedo albi-Allietum montani*, THA04 *Helichryso arenarii-Festucetum pallentis*, THB01 *Poo badensis-Festucetum pallentis*, THC02 *Minuartio setaceae-Seslerietum caeruleae*, THC03 *Saxifrago paniculatae-Seslerietum caeruleae***

Dominant taxon

Dominant taxon of associations: **SAB01 *Asplenietum cuneifolii*, THA01 *Festuco pallentis-Aurinietum saxatilis*, THA02 *Seselio ossei-Festucetum pallentis*, THA04 *Helichryso arenarii-Festucetum pallentis***

Distribution and frequency

Continentality degree: **4**

Distribution range extension along the continentality gradient: **2**

Elevational belt in the Czech Republic: **colline belt**

Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: 76

taxon.data.freq_in_quad: 111

Number of habitats with taxon occurrence in the Czech Republic

Number of narrow habitats in which the taxon occurs: **22**

Number of narrow habitats in which the taxon has its optimum: **9**

Number of broad habitats in which the taxon occurs: **5**

Number of broad habitats in which the taxon has its optimum: **4**

Threats and protection

Red List 2017 (national categories): **taxon is not on the Red List**

Red List 2017 (IUCN categories): **LC(NA) – least concern (taxon is not on the Red List)**

Legal protection: **not protected by law**

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