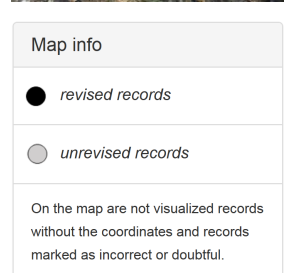
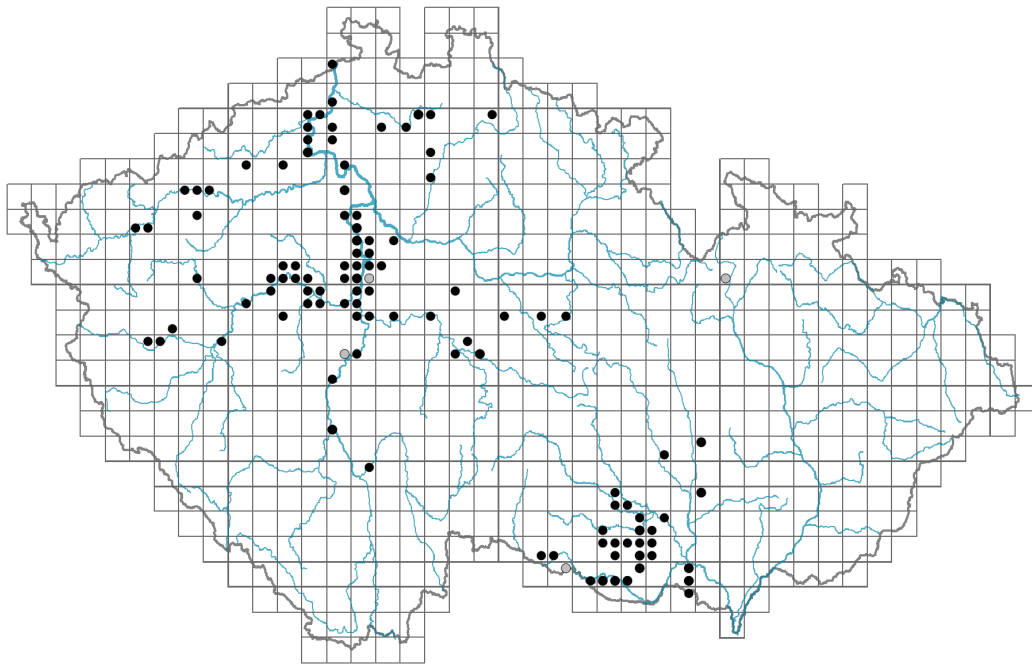


Festuca csikhegyensis

Distribution



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**



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 (cyclicality): **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 excluded) [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%**

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 pannonicici***](#)

Festucion pallentis*, THC *Diantho lumnitzeri-Seslerion

Diagnostic taxon of associations: [KBG01 *Melico transsilvanicae-Robinetum pseudoacaciae*](#), [LCC02 *Genisto pilosae-Quercetum petraeae*](#), [LFB03 *Hieracio pallidi-Pinetum sylvestris*](#), [SAB02 *Notholaeno marantae-Sempervivetum hirti*](#), [THA01 *Festuco pallentis-Aurinetum 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-Aurinetum 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-Aurinetum 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**