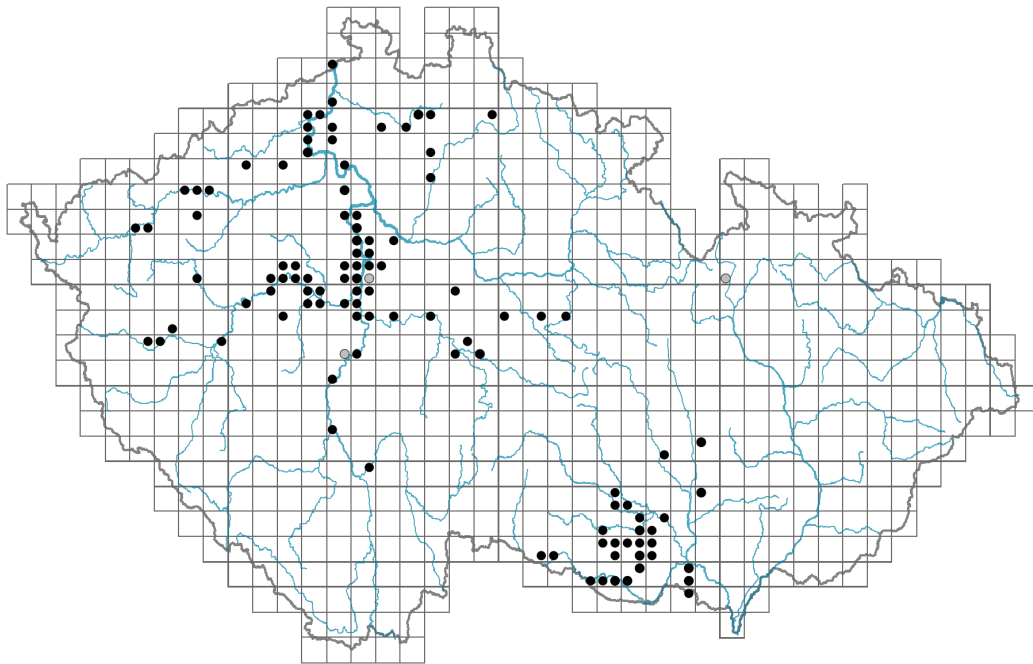


Festuca csikhegyensis

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**



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]:

Number of clonal offspring:

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):

Number of buds per shoot at a depth of 0–10 cm (root buds excluded):

Number of buds per shoot at a depth greater than 10 cm (root buds excluded):

Size of the belowground bud bank (root buds excluded):

Depth of the belowground bud bank (root buds excluded) [cm]:

Number of buds per shoot at the soil surface (root buds included):

Number of buds per shoot at a depth of 0–10 cm (root buds included):

Number of buds per shoot at a depth greater than 10 cm (root buds included):

Size of the belowground bud bank (root buds included):

Depth of the belowground bud bank (root buds included) [cm]:



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 pannonici**](#)

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 arenariae-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 pannonic-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 arenariae-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 arenariae-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: **75**

taxon.data.freq_in_quad: **110**

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**