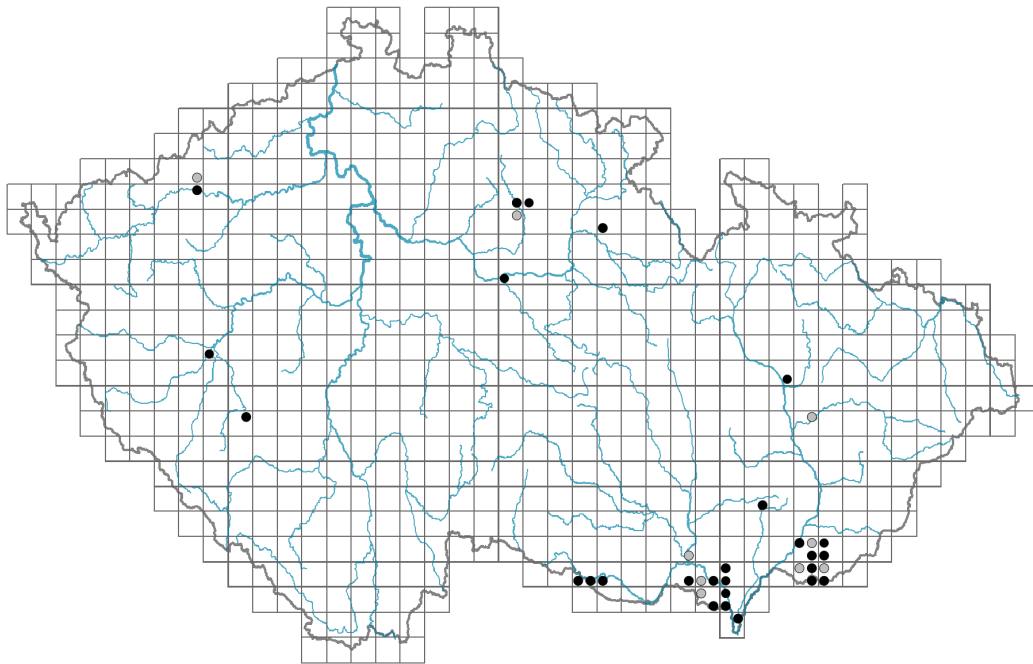


# *Cerastium tenoreanum*

## Distribution



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### Map info

● revised records

● unrevised records

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



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## Habitus and growth type

Height [m]: **0.1-0.4**Growth form: **annual herb**Life form: **therophyte**Life strategy: **R - ruderal**

## Leaf

Leaf presence and metamorphosis: **leaves present, not modified**Leaf arrangement (phyllotaxis): **opposite, rosulate**Leaf shape: **simple - entire**Stipules: **absent**Petiole: **absent**Leaf life span: **overwintering green**

## Flower

Flowering period [month]: **April-May**Flower colour: **white**Flower symmetry: **actinomorphic**Perianth type: **calyx and corolla**Perianth fusion: **free**Calyx fusion: **aposepalous**

Inflorescence type: **dichasium**  
 Dicliny: **synoecious**  
 Generative reproduction type: **facultative autogamy**  
 Pollination syndrome: **insect-pollination, selfing**

### Fruit, seed and dispersal

Fruit type: **dry fruit - capsule**  
 Fruit colour: **brown**  
 Reproduction type: **only by seed/spores**  
 Dispersal unit (diaspore): **seed**  
 Dispersal strategy: **Allium (mainly autochory)**  
 Myrmecochory: **non-myrmecochorous (b)**

### Trophic mode

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

### Karyology

Chromosome number (2n): **52**  
 Ploidy level (x): **6**  
 2C genome size [Mbp]: **1912.62**  
 1Cx monoploid genome size [Mbp]: **318.77**  
 Genomic GC content: **39.2 %**

### Taxon origin

Origin in the Czech Republic: **native**

### Ecological indicator values

#### Ellenberg-type indicator values

Light indicator value: **9 - full light plant, occurring only in fully irradiated places, not at less than 50% of diffuse radiation incident in an open area**  
 Temperature indicator value: **7 - heat indicator, occurring in relatively warm lowlands**  
 Moisture indicator value: **3 - missing on damp soil**  
 Reaction indicator value: **7 - indicator of slightly acidic to slightly basic conditions, never occurring in very acidic conditions**  
 Nutrient indicator value: **3 - occurring at nutrient-poor sites more frequently than at average sites and exceptionally at rich sites**  
 Salinity indicator value: **0 - not salt tolerant, glycophyte**

### Habitat and sociology

Occurrence in habitats  
 8 Dry grasslands



8C Narrow-leaved sub-continental steppes: **2 - optimum**

9 Sand grasslands and rock-outcrop vegetation

9F Basiphilous vegetation of spring therophytes and succulents: **2 - optimum**

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**

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

Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: 27

taxon.data.freq\_in\_quad: 39

Number of habitats with taxon occurrence in the Czech Republic

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

Number of narrow habitats in which the taxon has its optimum: **2**

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

Number of broad habitats in which the taxon has its optimum: **2**

### **Threats and protection**

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

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

Legal protection: **critically threatened taxon**