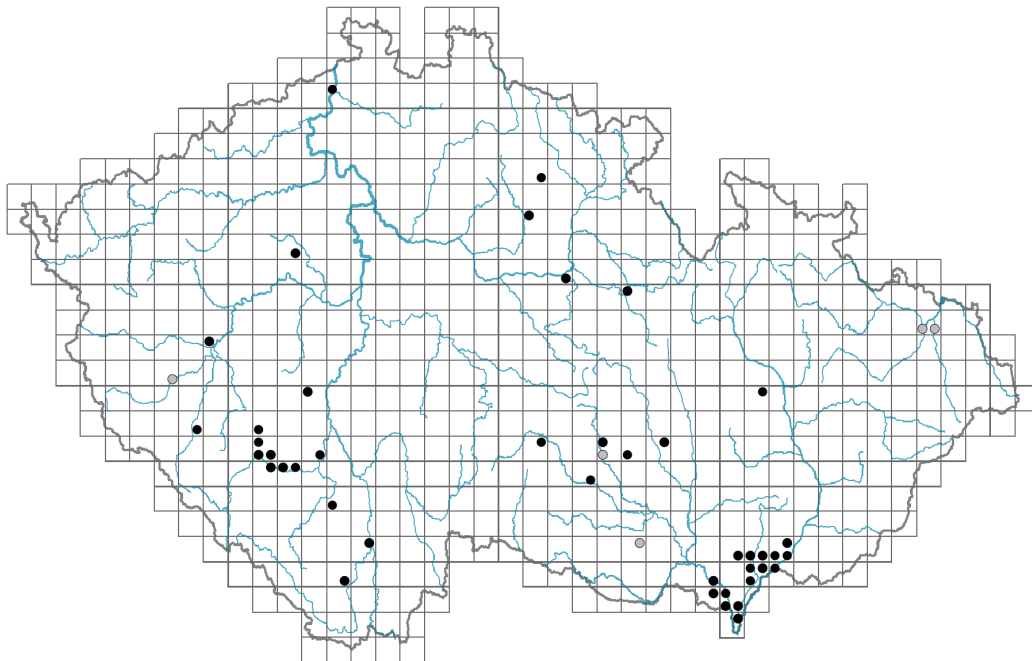


# *Draba nemorosa*

## Distribution

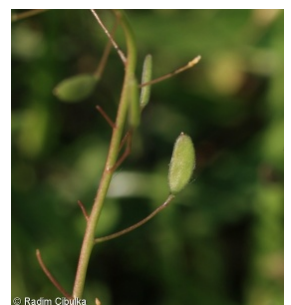


### Map info

● 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]: **0.1-0.2**

Growth form: **annual herb**

Life form: **therophyte**

Life strategy: **R - ruderal**

## Leaf

Leaf presence and metamorphosis: **leaves present, not modified**

Leaf arrangement (phyllotaxis): **alternate, rosulate**

Leaf shape: **simple - entire**

Stipules: **absent**

Petiole: **both present and absent**

Leaf life span: **overwintering green**

## Flower

Flowering period [month]: **May**

Flower colour: **yellow**

Flower symmetry: **actinomorphic**

Perianth type: **calyx and corolla**

Perianth fusion: **free**

Calyx fusion: **aposepalous**

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

### Fruit, seed and dispersal

Fruit type: **dry fruit - silicula**  
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): **16**  
Ploidy level (x): **2**  
2C genome size [Mbp]: **785.11**  
1Cx monoploid genome size [Mbp]: **392.56**  
Genomic GC content: **37.5 %**

### 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: **4 - transition between values 3 and 5**

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: **1 - rare occurrence**

8D Broad-leaved dry grasslands: **1 - rare occurrence**  
8E Acidophilous dry grasslands: **1 - rare occurrence**  
8F Thermophilous forest fringe vegetation: **1 - rare occurrence**  
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: **1 - rare occurrence**  
9E Acidophilous vegetation of spring therophytes and succulents: **1 - rare occurrence**  
9F Basiphilous vegetation of spring therophytes and succulents: **1 - rare occurrence**  
11 Heathlands and scrub  
11L Tall mesic and xeric shrub: **1 - rare occurrence**  
11N Low xeric scrub: **1 - rare occurrence**  
12 Forests  
12W Pine and larch plantations: **1 - rare occurrence**  
13 Anthropogenic vegetation  
13A Annual vegetation of ruderal habitats: **1 - rare occurrence**  
13B Annual vegetation of arable land: **1 - rare occurrence**  
13D Perennial thermophilous ruderal vegetation: **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**  
Colonization ability  
Index of colonization success (ICS): **1**

## **Distribution and frequency**

Floristic zone: **boreal, northern temperate, southern temperate, submeridional**  
Floristic region: **circumpolar**  
Continentality degree: **8**  
Distribution range extension along the continentality gradient: **7**  
Elevational belt in the Czech Republic: **lowlands, colline belt**  
Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: **35**  
taxon.data.freq\_in\_quad: **48**  
Commonness in vegetation plots from the Czech Republic  
Occurrence frequency in vegetation plots: **0 %**  
Occurrence frequency in vegetation plots with a cover above 5%: **0 %**  
Occurrence frequency in vegetation plots with a cover above 25%: **0 %**  
Occurrence frequency in vegetation plots with a cover above 50%: **0 %**  
Mean percentage cover in vegetation plots: **1.5 %**  
Maximum percentage cover in vegetation plots: **2 %**  
Number of habitats with taxon occurrence in the Czech Republic  
Number of narrow habitats in which the taxon occurs: **15**  
Number of narrow habitats in which the taxon has its optimum: **0**  
Number of broad habitats in which the taxon occurs: **5**

Number of broad habitats in which the taxon has its optimum: **0**

### **Threats and protection**

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

Red List 2017 (IUCN categories): **CR - critically endangered**

Legal protection: **not protected by law**