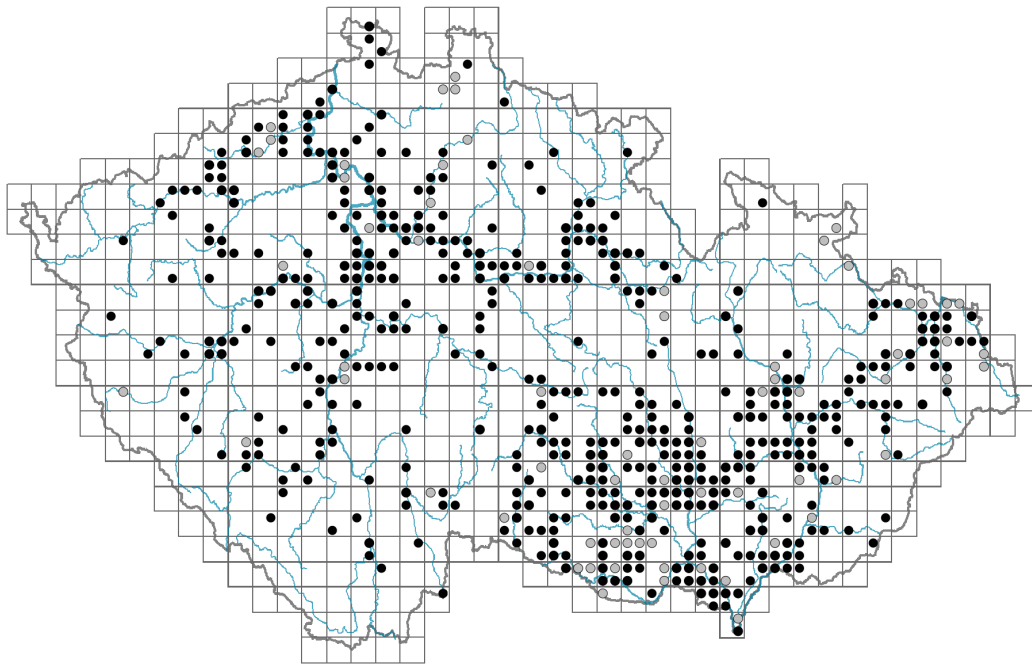


# *Berteroa incana* subsp. *incana*

## Distribution



© Pavel Veselý

### 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

Life form: **hemicryptophyte (therophyte)**

## Leaf

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

Leaf arrangement (phyllotaxis): **alternate**

Leaf shape: **simple - entire**

Stipules: **absent**

Petiole: **present**

## Flower

Flower colour: **white**

Flower symmetry: **actinomorphic**

Perianth type: **calyx and corolla**

Perianth fusion: **free**

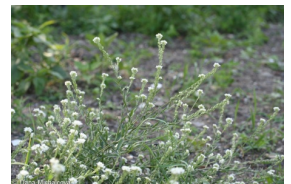
Calyx fusion: **aposepalous**

Inflorescence type: **racemus**

Generative reproduction type: **facultative allogamy**

## Fruit, seed and dispersal

Fruit type: **dry fruit - silicula**



© Petr Kocna

Fruit colour: **brown**

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]: **1315.37**

1Cx monoploid genome size [Mbp]: **657.69**

Genomic GC content: **40.6 %**

## Taxon origin

Origin in the Czech Republic: **archaeophyte**

Invasion status: **naturalized**

Geographic origin: **Europe, Mediterranean, Asia**

Period of introduction: **Early Middle Ages (550-1200)**

Introduction pathway: **unintentional - anthropogenic**

## 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: **6 - transition between values 5 and 7**

Moisture indicator value: **3 - missing on damp soil**

Reaction indicator value: **6 - transition between values 5 and 7**

Nutrient indicator value: **4 - transition between values 3 and 5**

Salinity indicator value: **0 - not salt tolerant, glycophyte**

## Habitat and sociology

Occurrence in habitats

1 Vegetation of cliffs, screes and walls

1C Walls: **1 - rare occurrence**

6 Meadows and mesic pastures

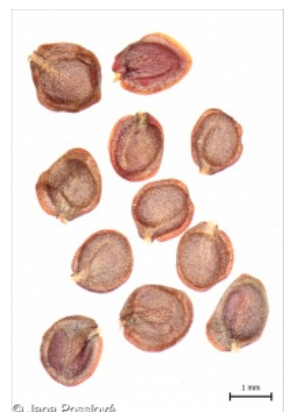
6A Mesic Arrhenatherum meadows: **1 - rare occurrence**

6C Pastures and park grasslands: **1 - rare occurrence**

8 Dry grasslands

8A Hercynian dry grasslands on rock outcrops: **1 - rare occurrence**

8B Submediterranean dry grasslands on rock outcrops: **1 - rare occurrence**



8C Narrow-leaved sub-continental steppes: **1 - rare occurrence**  
 8E Acidophilous dry grasslands: **2 - optimum**  
 9 Sand grasslands and rock-outcrop vegetation  
 9B Open vegetation of acidic sands: **2 - optimum**  
 9C Festuca grasslands on acidic sands: **2 - optimum**  
 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**  
 11R Scrub and pioneer woodland of forests clearings: **1 - rare occurrence**  
 12 Forests  
 12J Acidophilous thermophilous oak forests: **1 - rare occurrence**  
 12W Pine and larch plantations: **1 - rare occurrence**  
 13 Anthropogenic vegetation  
 13A Annual vegetation of ruderal habitats: **2 - optimum**  
 13D Perennial thermophilous ruderal vegetation: **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**  
 Diagnostic taxon  
 Diagnostic taxon of alliances: [TFC \*Armerion elongatae\*](#), [XCA \*Onopordion acanthii\*](#)  
 Diagnostic taxon of associations: [TFC02 \*Erysimo diffusio-Agrostietum capillaris\*](#), [XBK03 \*Eragrostio poaeoidis-Panicetum capillaris\*](#), [XCA02 \*Salvio nemorosae-Marrubietum peregrini\*](#), [XCB02 \*Berteroetum incanae\*](#)  
 Constant taxon  
 Constant taxon of associations: [XBK03 \*Eragrostio poaeoidis-Panicetum capillaris\*](#), [XCB02 \*Berteroetum incanae\*](#)  
 Dominant taxon  
 Dominant taxon of associations: [XCB02 \*Berteroetum incanae\*](#)

## Distribution and frequency

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: 298  
 taxon.data.freq\_in\_quad: 551  
 Number of habitats with taxon occurrence in the Czech Republic  
 Number of narrow habitats in which the taxon occurs: **18**  
 Number of narrow habitats in which the taxon has its optimum: **5**  
 Number of broad habitats in which the taxon occurs: **7**  
 Number of broad habitats in which the taxon has its optimum: **3**



## 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**

