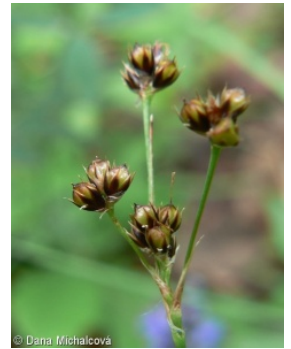
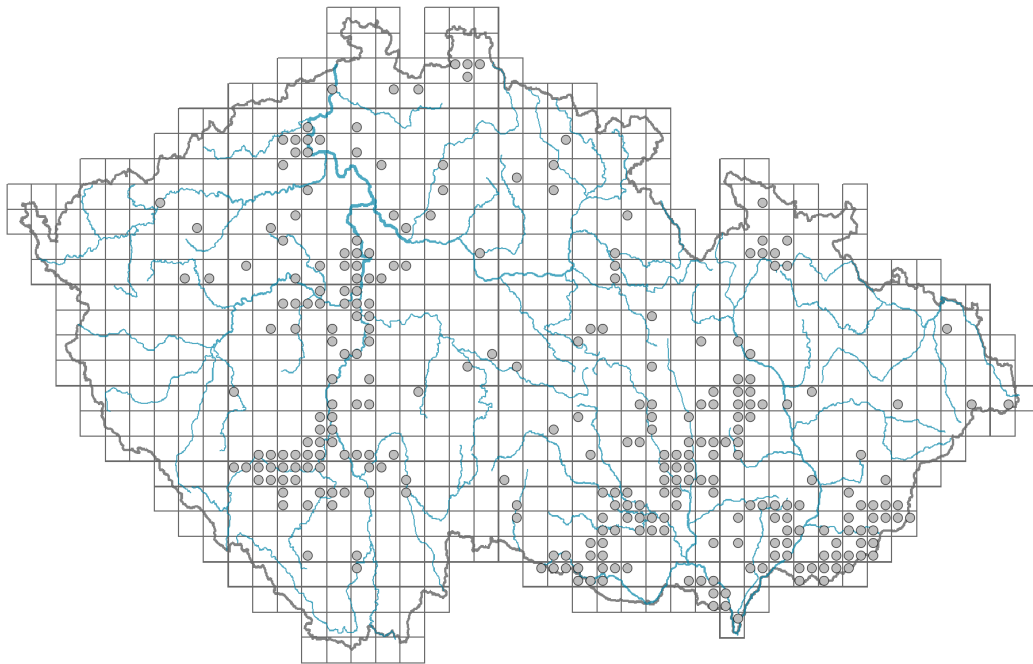


# *Luzula divulgata*

## Distribution



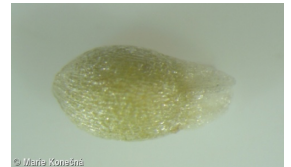
© Dana Michalcová

### Map info

● revised records

○ unrevised records

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



© Marie Konečná

## Habitus and growth type

Height [m]: **0.15-0.4**

Growth form: **clonal herb**

Life form: **hemicryptophyte**

Life strategy: **CSR - competitor/stress-tolerator/ruderal**

## 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]: **April-June**

Flower colour: **brown**

Flower symmetry: **actinomorphic**

Perianth type: **homochlamydeous**

Perianth fusion: **free**

Inflorescence type: **anthella**

Dicliny: **synoecious**

Pollination syndrome: **wind-pollination**

## **Fruit, seed and dispersal**

Fruit type: **dry fruit - capsule**

Reproduction type: **by seed/spores and vegetatively**

Dispersal unit (diaspore): **seed**

Dispersal strategy: **Allium (mainly autochory)**

Myrmecochory: **myrmecochorous**

## **Belowground organs and clonality**

Shoot metamorphosis: **rhizome**

Storage organ: **rhizome**

## **Trophic mode**

Parasitism and mycoheterotrophy: **autotrophic**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

## **Karyology**

Chromosome number (2n): **24**

Ploidy level (x): **4**

2C genome size [Mbp]: **1359.42**

1Cx monoploid genome size [Mbp]: **339.86**

Genomic GC content: **35.4 %**

## **Taxon origin**

Origin in the Czech Republic: **native**

## **Ecological indicator values**

Ellenberg-type indicator values

Light indicator value: **6 - transition between values 5 and 7; rarely at less than 20% of diffuse radiation incident in an open area**

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

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

Reaction indicator value: **3 - acidity indicator, occurring mainly in acidic conditions, exceptionally in neutral 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

6 Meadows and mesic pastures

- 6C Pastures and park grasslands: **1 - rare occurrence**  
6G Vegetation of wet disturbed soils: **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**  
11 Heathlands and scrub  
11A Dry lowland to subalpine heathlands: **1 - rare occurrence**  
11L Tall mesic and xeric shrub: **1 - rare occurrence**  
11R Scrub and pioneer woodland of forests clearings: **1 - rare occurrence**  
12 Forests  
12C Oak-hornbeam forests: **1 - rare occurrence**  
12F Limestone beech forests: **1 - rare occurrence**  
12G Acidophilous beech forests: **1 - rare occurrence**  
12H Peri-Alpidic basiphilous thermophilous oak forests: **1 - rare occurrence**  
12I Sub-continental thermophilous oak forests: **2 - optimum**  
12J Acidophilous thermophilous oak forests: **2 - optimum**  
12K Acidophilous oak forests: **2 - optimum**  
12L Boreo-continental pine forests: **1 - rare occurrence**  
12O Peri-Alpidic pine forests: **1 - rare occurrence**  
12V Spruce plantations: **1 - rare occurrence**  
12W Pine and larch plantations: **2 - optimum**  
13 Anthropogenic vegetation  
13F Herbaceous vegetation of forests clearings and Rubus scrub: **2 - optimum**

#### Affinity to the forest environment

Affinity to the forest environment in Thermophyticum: **2.1 - taxon occurring both in the forest and open vegetation**

Affinity to the forest environment in Mesophyticum and Oreophyticum: **2.1 - taxon occurring both in the forest and open vegetation**

#### Distribution and frequency

Floristic zone: **northern temperate, southern temperate, submeridional, meridional**

Floristic region: **Europe**

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: 174

taxon.data.freq\_in\_quad: 288

Number of habitats with taxon occurrence in the Czech Republic

Number of narrow habitats in which the taxon occurs: **19**

Number of narrow habitats in which the taxon has its optimum: **5**

Number of broad habitats in which the taxon occurs: **5**

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

#### 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)**

**List)**

Legal protection: **not protected by law**