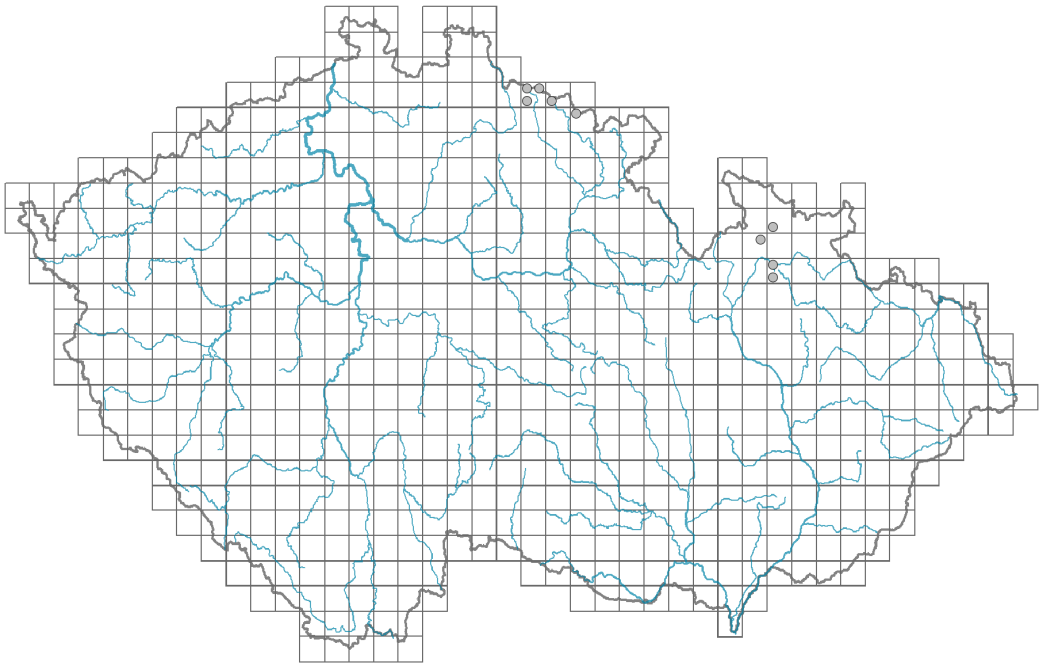
Arabis sudetica

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]: **0.2–0.35**
Growth form: **monocarpic perennial non-clonal herb**
Life form: **hemicryptophyte**

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**

Flower

Flowering period [month]: **June–July**
Flower colour: **white**
Flower symmetry: **actinomorphic**
Perianth type: **calyx and corolla**
Perianth fusion: **free**
Calyx fusion: **aposepalous**
Inflorescence type: **racemus**

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Fruit, seed and dispersal



Fruit type: **dry fruit – siliqua**
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]: **498.4**
1Cx monoploid genome size [Mbp]: **249.2**
Genomic GC content: **37.7 %**

Taxon origin

Origin in the Czech Republic: **native**

Ecological indicator values



Ellenberg-type indicator values

Light indicator value: **7 – half-light plant, mostly occurring at full light, but also in the shade up to about 30% of diffuse radiation incident in an open area**
Temperature indicator value: **3 – cool indicator, occurring mainly in subalpine areas**
Moisture indicator value: **6 – transition between values 5 and 7**
Reaction indicator value: **7 – indicator of slightly acidic to slightly basic conditions, never occurring in very acidic conditions**
Nutrient indicator value: **6 – transition between values 5 and 7**
Salinity indicator value: **0 – not salt tolerant, glycophyte**

Habitat and sociology



Occurrence in habitats

2 Alpine and subalpine grasslands

2B Subalpine tall-forb and tall-grass vegetation: **2 – optimum**

6 Meadows and mesic pastures

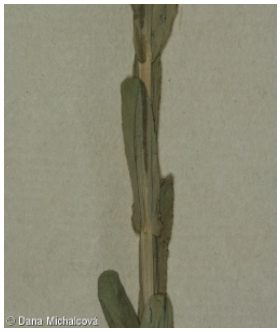
6B Montane mesic meadows: **1 – rare occurrence**

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**

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does not spontaneously occur in Czech forests







Distribution and frequency

Elevational belt in the Czech Republic: **montane belt, subalpine belt**
Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: 6
taxon.data.freq_in_quad: 9

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: **1.7 %**
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: **2**
Number of narrow habitats in which the taxon has its optimum: **1**
Number of broad habitats in which the taxon occurs: **2**
Number of broad habitats in which the taxon has its optimum: **1**

Threats and protection

Red List 2017 (national categories): **C1r – critically threatened taxon, rare**
Red List 2017 (IUCN categories): **EN – endangered**
Legal protection: **critically threatened taxon**

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