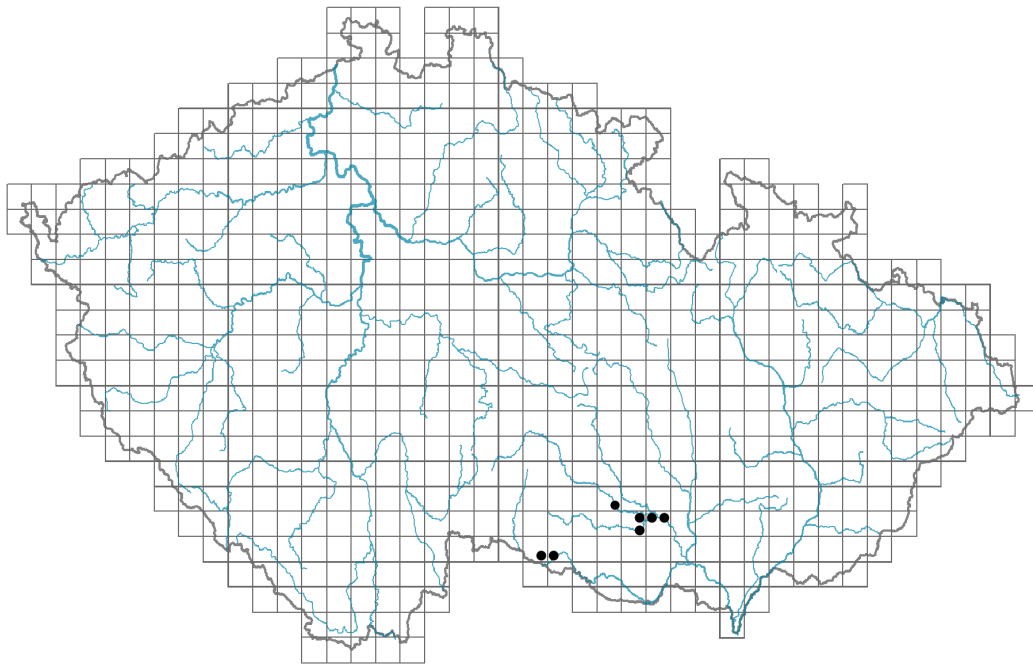


Dianthus moravicus

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]: **0.1-0.25**

Growth form: **polycarpic perennial non-clonal herb**

Life form: **hemicryptophyte**

Leaf

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

Leaf arrangement (phyllotaxis): **opposite**

Leaf shape: **simple - entire**

Stipules: **absent**

Petiole: **absent**



Flower

Flowering period [month]: **May-June**

Flower colour: **pink**

Flower symmetry: **actinomorphic**

Perianth type: **calyx and corolla**

Perianth fusion: **free**

Calyx fusion: **synsepalous**

Inflorescence type: **flores solitarii, dichasium**



Fruit, seed and dispersal

Fruit type: **dry fruit - capsule**

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): **90 (60)**

Ploidy level (x): **6 (4)**

2C genome size [Mbp]: **3168.83**

1Cx monoploid genome size [Mbp]: **528.14**

Genomic GC content: **39 %**

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: **2 - transition between values 1 and 3**

Reaction indicator value: **8 - transition between values 7 and 9, occurring mostly in calcium-rich conditions**

Nutrient indicator value: **2 - transition between values 1 and 3**

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

Habitat and sociology

Occurrence in habitats

8 Dry grasslands

8A Hercynian dry grasslands on rock outcrops: **2 - optimum**

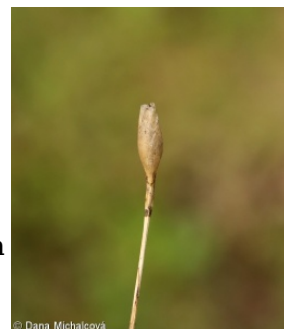
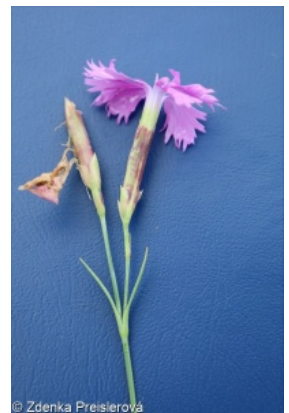
8B Submediterranean dry grasslands on rock outcrops: **2 - optimum**

11 Heathlands and scrub

11N Low xeric scrub: **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

Diagnostic taxon

Diagnostic taxon of alliances: [THC *Diantho lumnitzeri*-Seslerion](#)

Diagnostic taxon of associations: [THC03 *Saxifrago paniculatae*-Seslerietum *caeruleae*](#)

Colonization ability

Index of colonization success (ICS): **1**

Distribution and frequency

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

Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: **5**

taxon.data.freq_in_quad: **7**

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: **2** %

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: **3**

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: **1**

Threats and protection

Red List 2017 (national categories): **C2r - endangered taxon, rare**

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

Legal protection: **critically threatened taxon**

