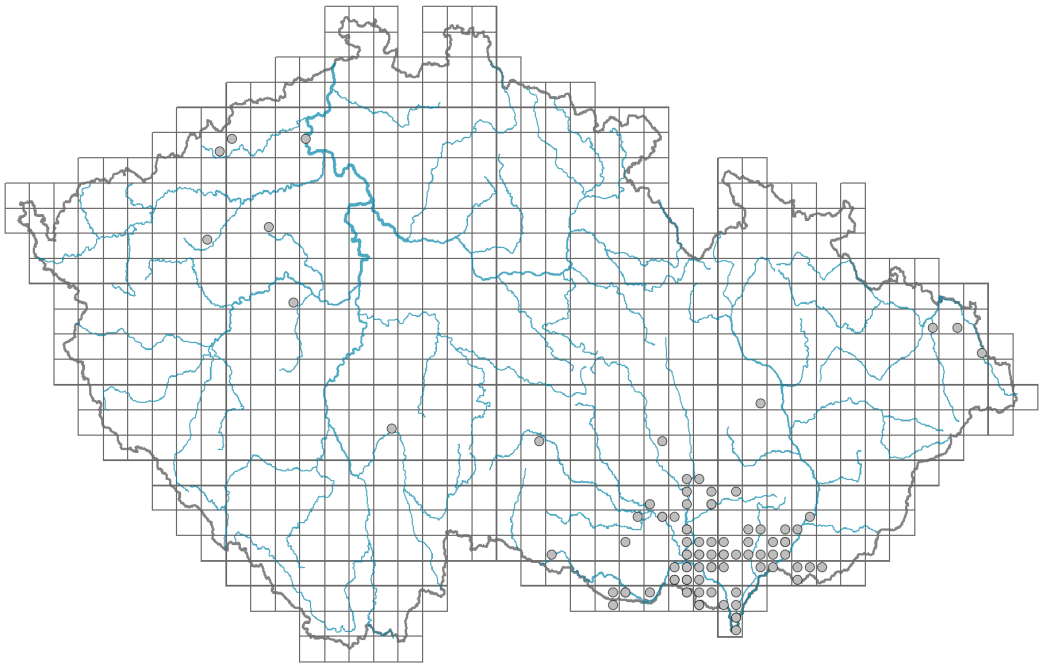
# *Erysimum diffusum* agg.

## Distribution



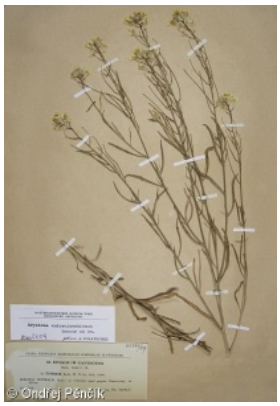



Map info

*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]: **0.3–1**
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, absent**

### Flower

Flowering period [month]: **June–July**
Flower colour: **yellow**
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)**

## Belowground organs and clonality



Shoot life span (cyclicity): **dicyclic or polycyclic shoots prevailing**
Primary root: **present**
Position of root buds: **primary root**
Role of root buds in life-history of a plant: **regenerative**

### Bud bank




Number of buds per shoot at the soil surface (root buds excluded): **5**
Number of buds per shoot at a depth of 0–10 cm (root buds excluded): **12**
Number of buds per shoot at a depth greater than 10 cm (root buds excluded): **0**
Size of the belowground bud bank (root buds excluded): **17**
Depth of the belowground bud bank (root buds exluded) [cm]: **4**
Number of buds per shoot at the soil surface (root buds included): **5**
Number of buds per shoot at a depth of 0–10 cm (root buds included): **15**
Number of buds per shoot at a depth greater than 10 cm (root buds included): **0**
Size of the belowground bud bank (root buds included): **20**
Depth of the belowground bud bank (root buds included) [cm]: **4**

## Trophic mode




Parasitism and mycoheterotrophy: **autotrophic**
Carnivory: **non-carnivorous**
Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

## Karyology




Chromosome number (2n): **28, 70**
Ploidy level (x): **4, 10**
2C genome size [Mbp]: **2001.5**
1Cx monoploid genome size [Mbp]: **200.15**

## 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**

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**lowlands**

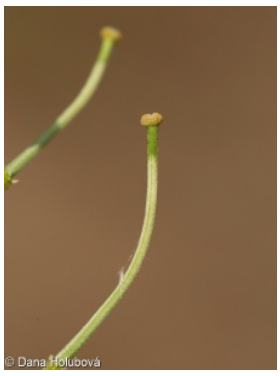
Moisture indicator value: **2 – transition between values 1 and 3**

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**

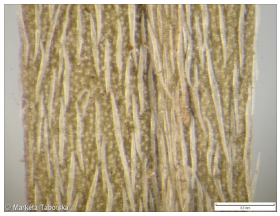
Salinity indicator value: **0 – not salt tolerant, glycophyte**














## Habitat and sociology

### Occurrence in habitats

#### 8 Dry grasslands

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

8C Narrow-leaved sub-continental steppes: **2 – optimum**

#### 9 Sand grasslands and rock-outcrop vegetation

9B Open vegetation of acidic sands: **1 – rare occurrence**

9C Festuca grasslands on acidic sands: **2 – optimum**

9D Pannonian sand steppes: **2 – optimum**

9E Acidophilous vegetation of spring therophytes and succulents: **1 – rare occurrence**

9F Basiphilous vegetation of spring therophytes and succulents: **2 – optimum**

#### 11 Heathlands and scrub

11N Low xeric scrub: **1 – rare occurrence**

#### 12 Forests

12J Acidophilous thermophilous oak forests: **1 – rare occurrence**

12W Pine and larch plantations: **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): **2**

Index of colonization potential (ICP): **3**

Optimum successional age [years]: **8**

## 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: 49

taxon.data.freq_in_quad: 79

### Commonness in vegetation plots from the Czech Republic

Maximum percentage cover in vegetation plots: **13 %**

### Number of habitats with taxon occurrence in the Czech Republic

Number of narrow habitats in which the taxon occurs: **10**

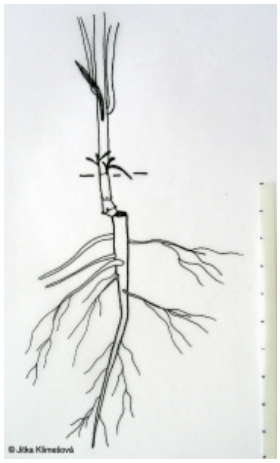
Number of narrow habitats in which the taxon has its optimum: **5**

Number of broad habitats in which the taxon occurs: **4**

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




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