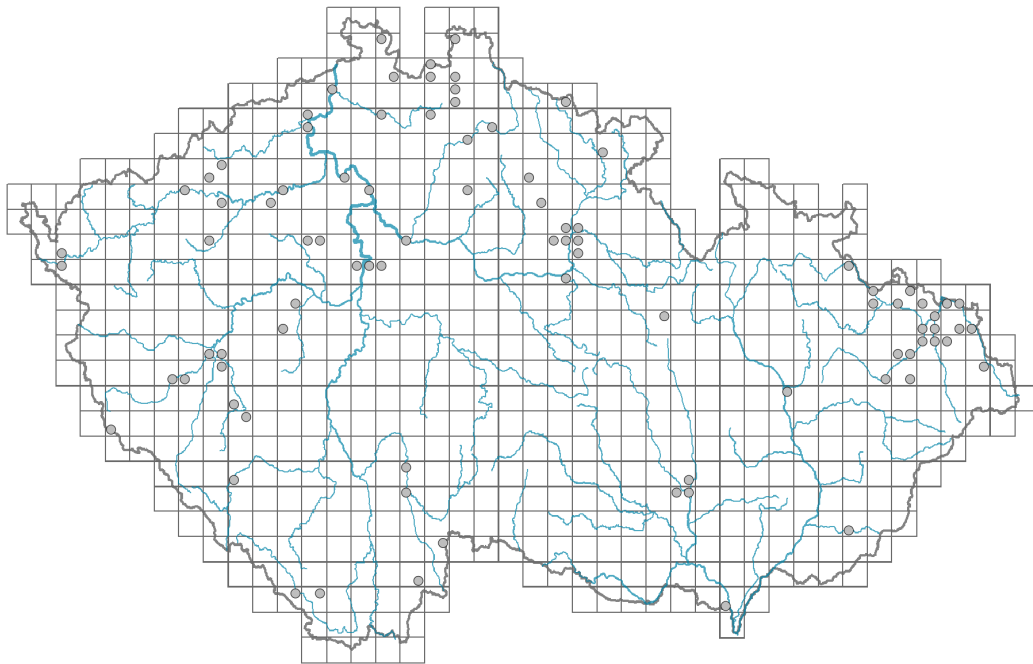


# *Oenothera rubricaulis*

## 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]: **0.6-1.8**

Life form: **hemicryptophyte**

Life strategy: **CR - competitor/ruderal**

## 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**

Leaf life span: **evergreen**

Leaf anatomy: **scleromorphic, mesomorphic**

## Flower

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

Flower colour: **yellow**

Flower symmetry: **actinomorphic**

Perianth type: **calyx and corolla**

Perianth fusion: **free**

Calyx fusion: **hypanthium**

Inflorescence type: **racemus**

Dicliny: **synoecious**

Generative reproduction type: **mixed mating**

Pollination syndrome: **insect-pollination, selfing**

Pollinator spectrum: **bumblebees, butterflies (honeybee)**

## **Fruit, seed and dispersal**

Fruit type: **dry fruit - capsule**

Reproduction type: **only by seed/spores**

Myrmecochory: **non-myrmecochorous (b)**

## **Belowground organs and clonality**

Root metamorphosis: **primary storage root**

Storage organ: **primary storage root**

## **Trophic mode**

Parasitism and mycoheterotrophy: **autotrophic**

Carnivory: **non-carnivorous**

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

## **Karyology**

Chromosome number (2n): **14**

Ploidy level (x): **2**

2C genome size [Mbp]: **1981.04**

1Cx monoploid genome size [Mbp]: **990.52**

Genomic GC content: **45.8 %**

## **Taxon origin**

Origin in the Czech Republic: **neophyte**

Invasion status: **naturalized**

Geographic origin: **hybrid origin**

Year of the first record in the wild: **1914**

Period of introduction: **Late Modern Period (1800-1950)**

Introduction pathway: **unintentional - traffic, unintentional - industry, unintentional - anthropogenic**

## **Habitat and sociology**

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**

## Distribution and frequency

Floristic region: **Europe**

Elevational belt in the Czech Republic: **lowlands, colline belt, submontane belt**

Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: 72

taxon.data.freq\_in\_quad: 89

## 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**