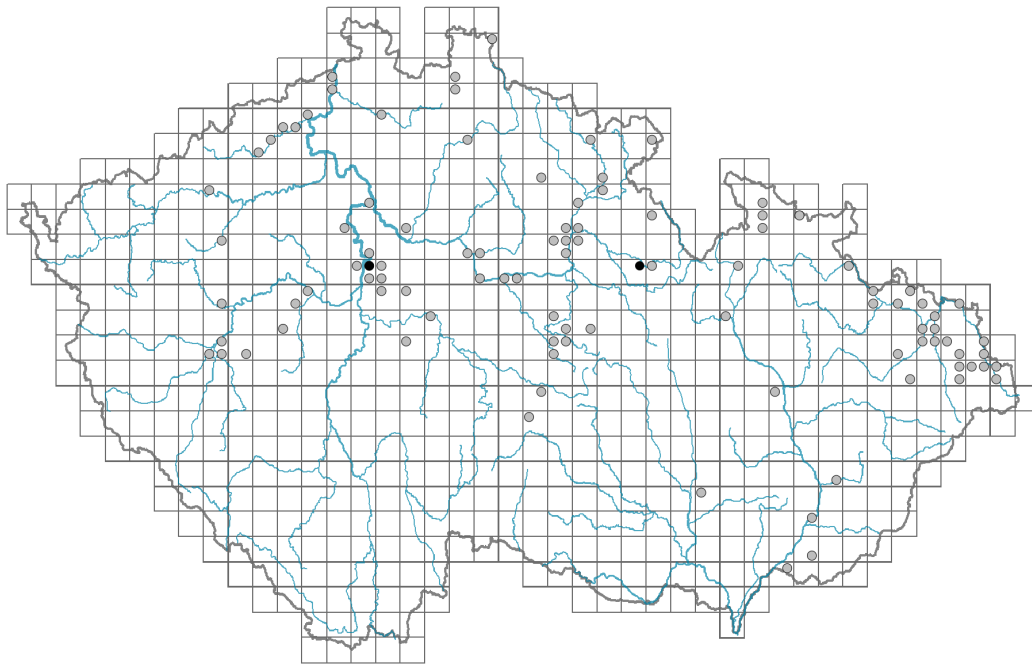


# *Oenothera pycnocarpa*

## 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.



© Dana Michalcová



© Dana Michalcová



© Dana Michalcová

## Habitus and growth type

Height [m]: **0.8-2.6**

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-September**

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



### **Fruit, seed and dispersal**

Fruit type: **dry fruit - capsule**  
Reproduction type: **only by seed/spores**  
Dispersal unit (diaspore): **seed**  
Dispersal strategy: **Allium (mainly autochory)**  
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]: **1928.08**  
1Cx monoploid genome size [Mbp]: **964.04**  
Genomic GC content: **45.5 %**

### **Taxon origin**

Origin in the Czech Republic: **neophyte**  
Invasion status: **naturalized**  
Geographic origin: **North America**  
Year of the first record in the wild: **1960**  
Period of introduction: **Recent Past (1950-2000)**  
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

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: 75

taxon.data.freq\_in\_quad: 99

## 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**