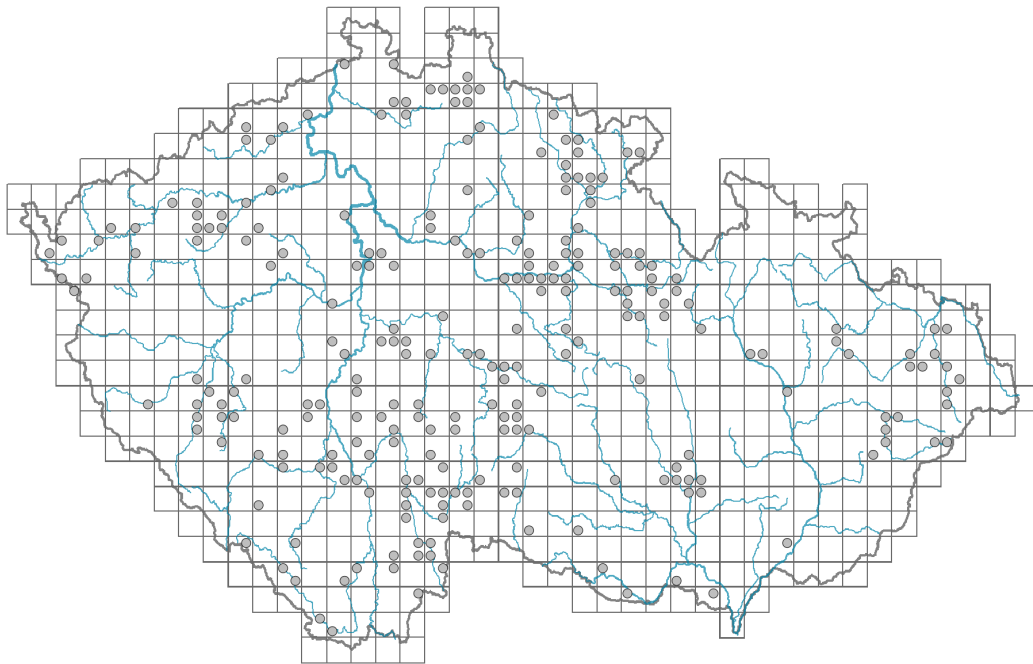


# *Physocarpus opulifolius*

## Distribution



© Dana Michalčová

### Map info

● revised records

○ unrevised records

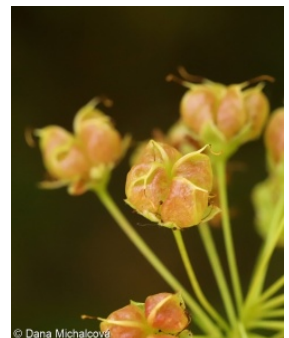
On the map are not visualized records without the coordinates and records marked as incorrect or doubtful.



© Dana Michalčová



© Dana Michalčová



© Dana Michalčová

## Habitus and growth type

Height [m]: **2-3**

Growth form: **shrub**

Life form: **nanophanerophyte**

Life strategy: **C - competitor**

## Leaf

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

Leaf arrangement (phyllotaxis): **alternate**

Leaf shape: **simple - palmately divided**

Stipules: **present**

Petiole: **present**

Leaf life span: **summer green**

Leaf deciduousness in woody plants: **winter deciduous**

Leaf anatomy: **mesomorphic**

Functional leaf type in woody plants: **broad deciduous or semi-deciduous**

## Flower

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

Flower colour: **white**

Flower symmetry: **actinomorphic**

Perianth type: **calyx and corolla**  
Perianth fusion: **free**  
Calyx fusion: **aposepalous**  
Inflorescence type: **corymbus**  
Dicliny: **synoecious**  
Pollination syndrome: **insect-pollination**

### Fruit, seed and dispersal

Fruit type: **dry fruit - cluster of follicles**  
Fruit colour: **brown**  
Reproduction type: **only by seed/spores**  
Dispersal unit (diaspore): **seed**  
Dispersal strategy: **Allium (mainly autochory)**  
Myrmecochory: **probably non-myrmecochorous**

### Trophic mode

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

### Taxon origin

Origin in the Czech Republic: **neophyte**  
Invasion status: **naturalized**  
Geographic origin: **North America**  
Year of the first record in the wild: **1874**  
Period of introduction: **Late Modern Period (1800-1950)**  
Introduction pathway: **intentional - ornamental**

### Habitat and sociology

#### Occurrence in habitats

##### 11 Heathlands and scrub

11L Tall mesic and xeric shrub: **1 - rare occurrence**

11R Scrub and pioneer woodland of forests clearings: **2 - optimum**

##### 12 Forests

12B Alluvial forests: **2 - optimum**

12U Plantations of broad-leaved non-native trees: **1 - rare occurrence**

##### 13 Anthropogenic vegetation

13E Perennial nitrophilous herbaceous vegetation of mesic sites: **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): **1**

## Distribution and frequency

Floristic zone: **northern temperate, southern temperate, submeridional**

Floristic region: **Eastern America**

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: **194**

taxon.data.freq\_in\_quad: **253**

Number of habitats with taxon occurrence in the Czech Republic

Number of narrow habitats in which the taxon occurs: **5**

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

Number of broad habitats in which the taxon occurs: **3**

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

## 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**