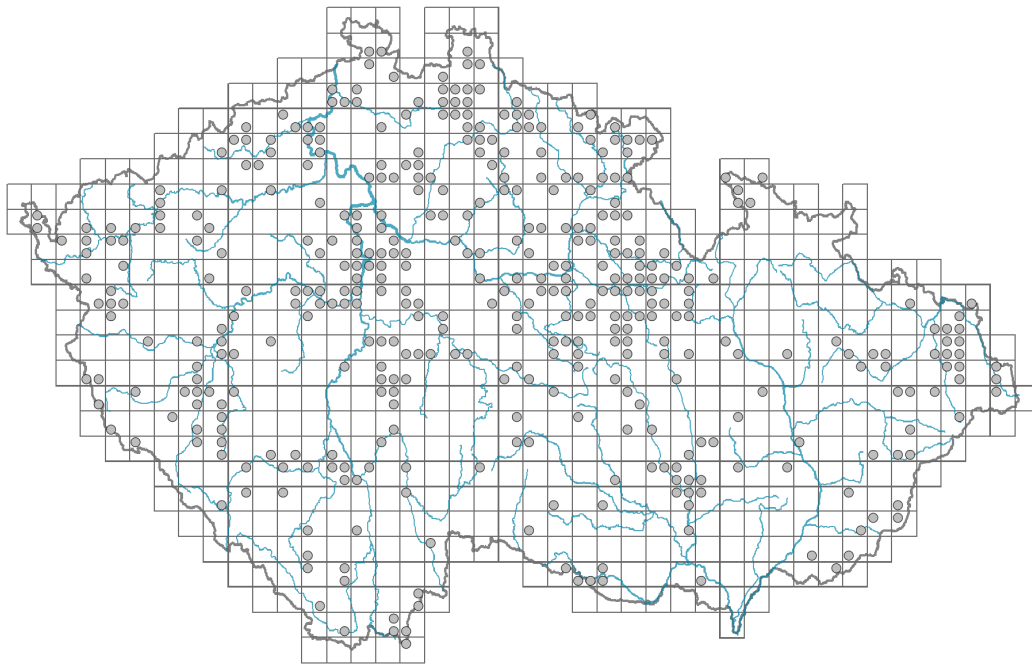


# *Philadelphus coronarius*

## Distribution



© Pavel Veselý

### Map info

● revised records

○ unrevised records

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



© Eva Šmerdová

## Habitus and growth type

Height [m]: **2-4**

Growth form: **shrub**

Life form: **nanophanerophyte**

Life strategy: **C - competitor**

## Leaf

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

Leaf arrangement (phyllotaxis): **opposite**

Leaf shape: **simple - entire**

Stipules: **absent**

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]: **June-July**

Flower colour: **white**

Flower symmetry: **actinomorphic**



© Pavel Veselý



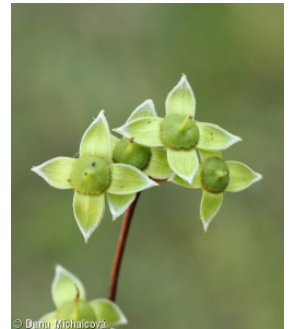
© Pavel Veselý

Perianth type: **calyx and corolla**  
 Perianth fusion: **free**  
 Calyx fusion: **aposepalous**  
 Inflorescence type: **racemus**  
 Dicliny: **synoecious**  
 Generative reproduction type: **allogamy**  
 Pollination syndrome: **insect-pollination**



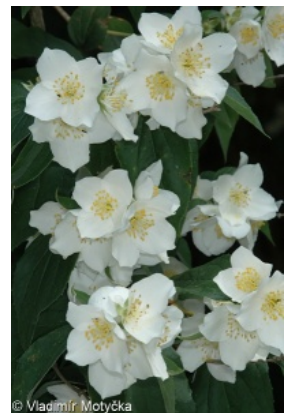
### Fruit, seed and dispersal

Fruit type: **dry fruit - capsule**  
 Fruit colour: **brown**  
 Reproduction type: **mostly by seed/spores, rarely vegetatively**  
 Dispersal strategy: **Zea (no dispersal)**  
 Myrmecochory: **non-myrmecochorous (b)**



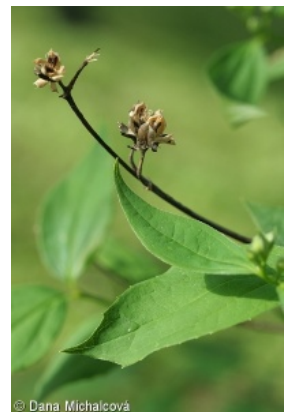
### Belowground organs and clonality

Root metamorphosis: **root shoot**  
 Position of root buds: **lateral roots**  
 Role of root buds in life-history of a plant: **additive**  
 Bud bank  
 Number of buds per shoot at the soil surface (root buds excluded): **0**  
 Number of buds per shoot at a depth of 0–10 cm (root buds excluded): **5**  
 Number of buds per shoot at a depth greater than 10 cm (root buds excluded): **5**  
 Size of the belowground bud bank (root buds excluded): **10**  
 Depth of the belowground bud bank (root buds excluded) [cm]: **10**  
 Number of buds per shoot at the soil surface (root buds included): **0**  
 Number of buds per shoot at a depth of 0–10 cm (root buds included): **20**  
 Number of buds per shoot at a depth greater than 10 cm (root buds included): **20**  
 Size of the belowground bud bank (root buds included): **40**  
 Depth of the belowground bud bank (root buds included) [cm]: **10**



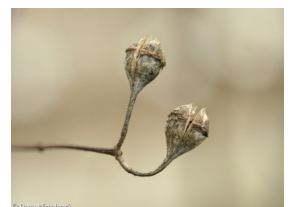
### Trophic mode

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



### Taxon origin

Origin in the Czech Republic: **neophyte**  
 Invasion status: **casual**  
 Geographic origin: **Mediterranean**  
 Year of the first record in the wild: **1819**  
 Period of introduction: **Late Modern Period (1800-1950)**  
 Introduction pathway: **intentional - ornamental, intentional - nature**



## 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**

Colonization ability

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

## Distribution and frequency

Floristic zone: **submeridional**

Floristic region: **Europe, Near East**

Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: 280

taxon.data.freq\_in\_quad: 418

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: **3.5 %**

Maximum percentage cover in vegetation plots: **5 %**

## 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**

