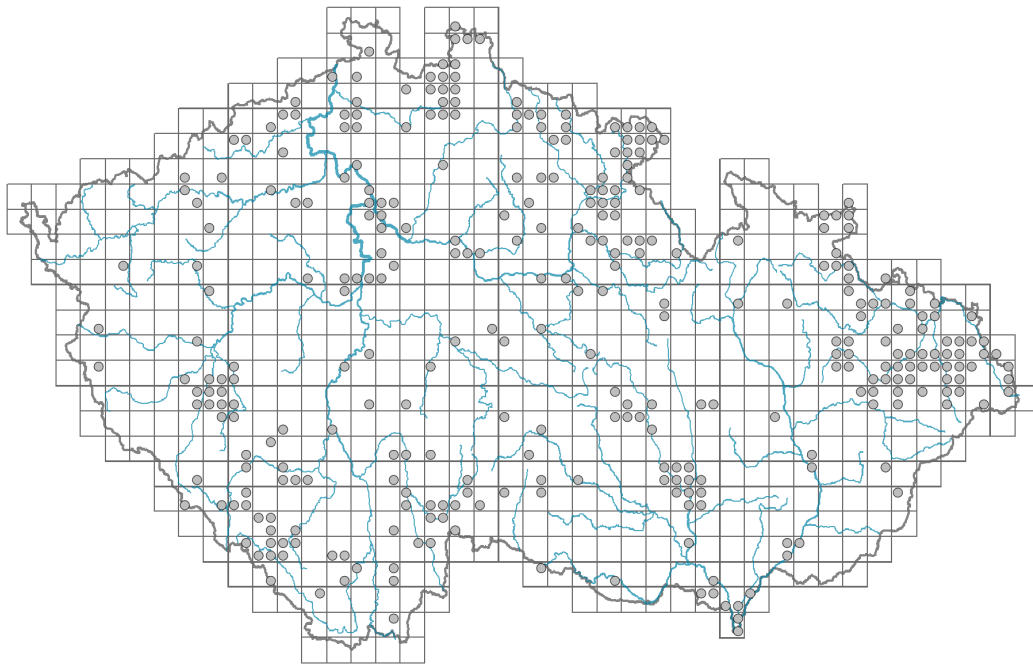


# *Prunus padus* subsp. *padus*

## Distribution

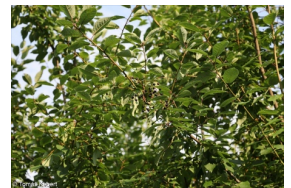


### Map info

● 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]: **2-12**

## Leaf

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

Leaf arrangement (phyllotaxis): **alternate**

Leaf shape: **simple - entire**

Stipules: **present**

Petiole: **present**

## 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: **racemus**

## Fruit, seed and dispersal

Fruit type: **fleshy fruit - drupe**

Dispersal unit (diaspore): **seed, fruit, infrutescence or its part**

Dispersal strategy: **Cornus (mainly autochory and endozoochory)**

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

## Trophic mode

Parasitism and mycoheterotrophy: **autotrophic**

Carnivory: **non-carnivorous**

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

## Taxon origin

Origin in the Czech Republic: **native**

## Ecological indicator values

Ellenberg-type indicator values

Light indicator value: **5 - semi-shade plant, only exceptionally occurring in full light, but usually at more than 10% of the diffuse radiation incident in an open area**

Temperature indicator value: **5 - moderate heat indicator, occurring from lowland to montane belt, mainly in submontane-temperate areas**

Moisture indicator value: **8 - transition between values 7 and 9**

Reaction indicator value: **7 - indicator of slightly acidic to slightly basic conditions, never occurring in very acidic conditions**

Nutrient indicator value: **6 - transition between values 5 and 7**

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

Indicator values for disturbance

Whole-community disturbance frequency indicator value: **-1.92**

Herb layer disturbance frequency indicator value: **-0.78**

Whole-community disturbance severity indicator value: **0.26**

Herb layer disturbance severity indicator value: **0.1**

Whole-community structure based disturbance indicator value: **0.08**

Herb layer structure-based disturbance indicator value: **0.19**

## Habitat and sociology

Occurrence in habitats

2 Alpine and subalpine grasslands

2B Subalpine tall-forb and tall-grass vegetation: **1 - rare occurrence**

4 Wetland and riverine herbaceous vegetation

4A Reed-beds of eutrophic still waters: **1 - rare occurrence**

11 Heathlands and scrub

11H Subalpine deciduous scrub: **1 - rare occurrence**

11J Willow galleries of loamy and sandy river banks: **2 - optimum**

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

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

12 Forests

12A Alder carrs: **2 - optimum**  
 12B Alluvial forests: **2 - optimum**  
 12C Oak-hornbeam forests: **1 - rare occurrence**  
 12D Ravine forests: **1 - rare occurrence**  
 12H Peri-Alpidic basiphilous thermophilous oak forests: **1 - rare occurrence**  
 12I Sub-continental thermophilous oak forests: **1 - rare occurrence**  
 12J Acidophilous thermophilous oak forests: **1 - rare occurrence**  
 12K Acidophilous oak forests: **1 - rare occurrence**  
 12L Boreo-continental pine forests: **1 - rare occurrence**  
 12T Robinia pseudacacia plantations: **1 - rare occurrence**  
 12U Plantations of broad-leaved non-native trees: **2 - optimum**  
 12V Spruce plantations: **1 - rare occurrence**  
 12W Pine and larch plantations: **1 - rare occurrence**  
 13 Anthropogenic vegetation  
 13E Perennial nitrophilous herbaceous vegetation of mesic sites: **1 - rare occurrence**  
 13F Herbaceous vegetation of forests clearings and Rubus scrub: **1 - rare occurrence**  
 Affinity to the forest environment  
 Affinity to the forest environment in Thermophyticum: **1.1 - taxon occurring mainly in the closed forest**  
 Affinity to the forest environment in Mesophyticum and Oreophyticum: **1.1 - taxon occurring mainly in the closed forest**  
 Diagnostic taxon  
 Diagnostic taxon of alliances: [LBA Alnion incanae](#)  
 Diagnostic taxon of associations: [LBA01 Alnetum incanae](#), [LBA05 Pruno padi-Fraxinetum excelsioris](#), [LBA06 Ficario vernaе-Ulmetum campestris](#)  
 Constant taxon  
 Constant taxon of associations: [LBA05 Pruno padi-Fraxinetum excelsioris](#), [LBA06 Ficario vernaе-Ulmetum campestris](#)  
 Dominant taxon  
 Dominant taxon of associations: [LBA05 Pruno padi-Fraxinetum excelsioris](#), [LBA06 Ficario vernaе-Ulmetum campestris](#)  
 Ecological specialization indices  
 Ecological specialization index for all vegetation types: **5.1**  
 Ecological specialization index for non-forest vegetation: **4**  
 Ecological specialization index for forest vegetation: **5.2**

## Distribution and frequency

Elevational belt in the Czech Republic: **lowlands, colline belt, submontane belt, montane belt**  
 Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: 218  
 taxon.data.freq\_in\_quad: 325  
 Commonness in vegetation plots from the Czech Republic  
 Occurrence frequency in vegetation plots: **0.8 %**  
 Occurrence frequency in vegetation plots with a cover above 5%: **47.3 %**  
 Occurrence frequency in vegetation plots with a cover above 25%: **12.2 %**  
 Occurrence frequency in vegetation plots with a cover above 50%: **3.7 %**

Mean percentage cover in vegetation plots: **11.5 %**

Maximum percentage cover in vegetation plots: **70 %**

Number of habitats with taxon occurrence in the Czech Republic

Number of narrow habitats in which the taxon occurs: **21**

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

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

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**