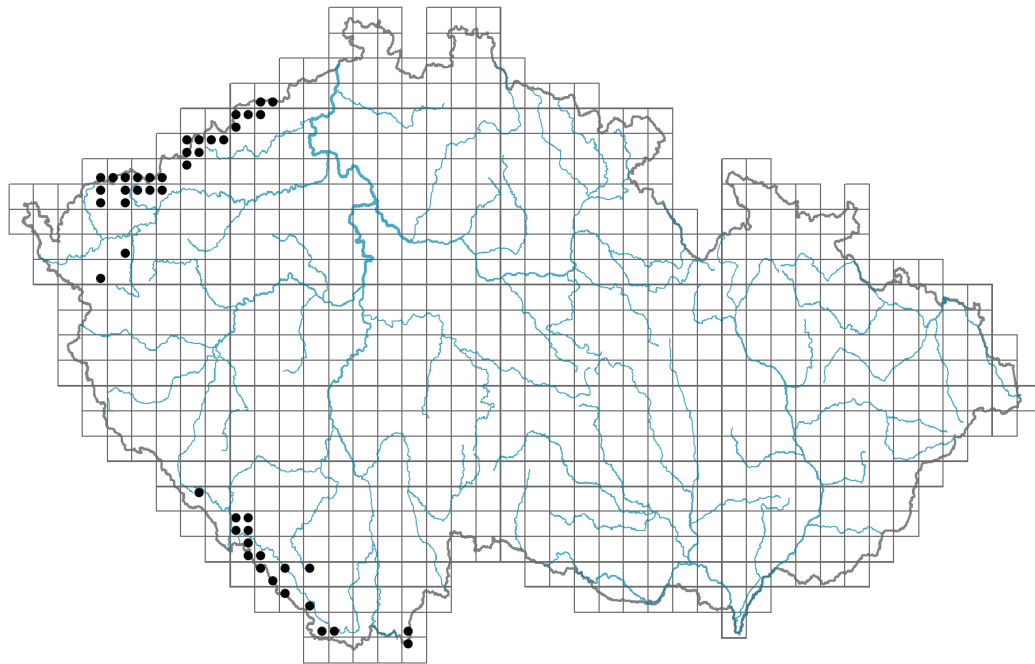


Pinus xascendens

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]: **5-10**

Life form: **macrophanerophyte**

Leaf

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

Leaf arrangement (phyllotaxis): **opposite**

Leaf shape: **simple - entire**

Stipules: **absent**

Petiole: **absent**



Flower

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

Fruit, seed and dispersal

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

Dispersal strategy: **Epilobium (mainly anemochory and autochory)**

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: **8 - light plant, only exceptionally occurring at less than 40% of diffuse radiation incident in an open area**

Temperature indicator value: **3 - cool indicator, occurring mainly in subalpine areas**

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

Reaction indicator value: **1 - indicator of strong acidity, never occurring in slightly acidic to alkaline conditions**

Nutrient indicator value: **1 - occurring at nutrient-poorest sites**

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

Habitat and sociology

Occurrence in habitats

5 Vegetation of springs and mires

5E Acidic moss-rich fens and peatland meadows: **1 - rare occurrence**

5F Transitional mires: **1 - rare occurrence**

5G Raised bogs: **3 - dominant**

12 Forests

12R Acidophilous spruce forests: **1 - rare occurrence**

Diagnostic taxon

Diagnostic taxon of associations: [**RCA03 *Vaccinio uliginosi*-Pinetum mugo**](#)

Dominant taxon

Dominant taxon of associations: [**RCA03 *Vaccinio uliginosi*-Pinetum mugo**](#)

Ecological specialization indices

Ecological specialization index for all vegetation types: **8.4**

Distribution and frequency

Elevational belt in the Czech Republic: **montane belt**

Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: 31

taxon.data.freq_in_quad: 53

Commonness in vegetation plots from the Czech Republic

Occurrence frequency in vegetation plots: **0 %**

Occurrence frequency in vegetation plots with a cover above 5%: **87.5 %**

Occurrence frequency in vegetation plots with a cover above 25%: **87.5 %**

Occurrence frequency in vegetation plots with a cover above 50%: **87.5 %**

Mean percentage cover in vegetation plots: **71 %**

Maximum percentage cover in vegetation plots: **88 %**

Number of habitats with taxon occurrence in the Czech Republic

Number of narrow habitats in which the taxon occurs: **4**

Number of narrow habitats in which the taxon has its optimum: **1**

Number of broad habitats in which the taxon occurs: **2**

Number of broad habitats in which the taxon has its optimum: **1**

Threats and protection

Red List 2017 (national categories): **C4a - near threatened taxon**

Red List 2017 (IUCN categories): **NT - near threatened**

Legal protection: **not protected by law**