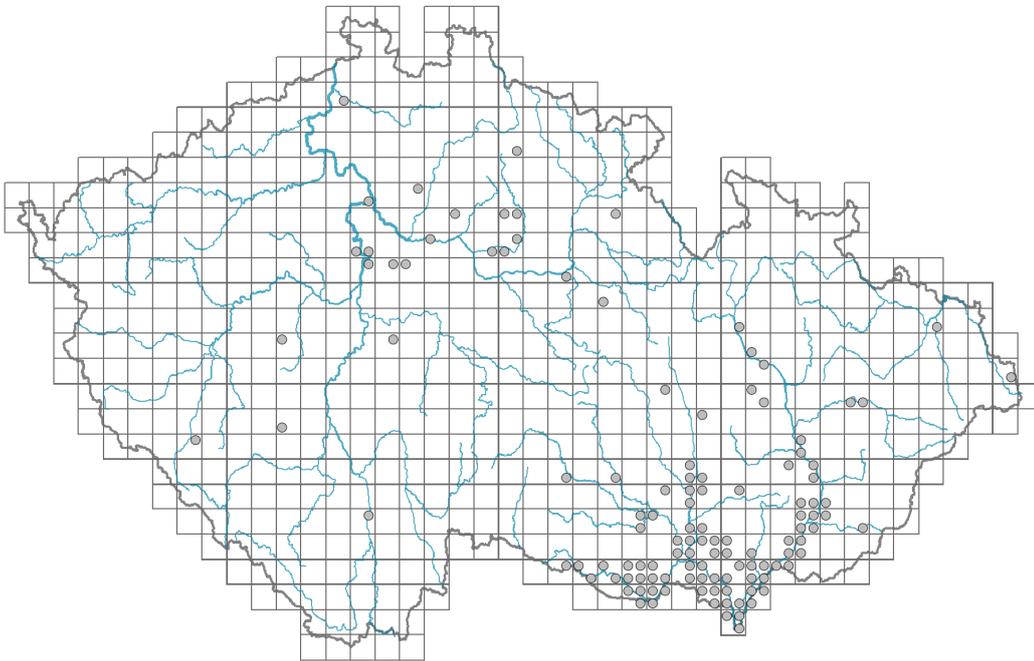


Juglans nigra

Distribution



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Map info

● revised records

○ unrevised records

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



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Habitus and growth type

Height [m]:

Growth form: **tree**

Life form: **macrophanerophyte**

Leaf

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

Leaf arrangement (phyllotaxis): **alternate**

Leaf shape: **compound - imparipinnate, compound - paripinnate**

Stipules: **absent**

Petiole: **present**

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

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

Flower

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

Flower colour: **green**

Perianth type: **reduced**

Perianth fusion: **reduced**

Inflorescence type: **amentum e floribus masculis, spica e floribus femineis composita**



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Generative reproduction type: **facultative allogamy**

Fruit, seed and dispersal

Fruit type: **fleshy fruit - drupe**

Fruit colour: **green, brown, black**

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

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

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

Belowground organs and clonality

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):

Number of buds per shoot at a depth of 0–10 cm (root buds excluded):

Number of buds per shoot at a depth greater than 10 cm (root buds excluded):

Size of the belowground bud bank (root buds excluded):

Number of buds per shoot at the soil surface (root buds included):

Number of buds per shoot at a depth of 0–10 cm (root buds included):

Number of buds per shoot at a depth greater than 10 cm (root buds included):

Size of the belowground bud bank (root buds included):

Depth of the belowground bud bank (root buds included) [cm]:

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**

Period of introduction: **Late Modern Period (1800-1950)**

Introduction pathway: **intentional - collections, intentional - forest**

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: **6 - transition between values 5 and 7**

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

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

Nutrient indicator value: **7 - occurring at nutrient-rich sites more often than at**



average sites and only exceptionally at poor sitesSalinity indicator value: **0 - not salt tolerant, glycophyte****Habitat and sociology**

Occurrence in habitats

12 Forests

12B Alluvial forests: **1 - rare occurrence**12C Oak-hornbeam forests: **1 - rare occurrence**12U Plantations of broad-leaved non-native trees: **2 - optimum**

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**

Ecological specialization indices

Ecological specialization index for all vegetation types: **5.3**Ecological specialization index for forest vegetation: **5.9****Distribution and frequency**

Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: 72

taxon.data.freq_in_quad: 121

Commonness in vegetation plots from the Czech Republic

Occurrence frequency in vegetation plots: **0 %**Occurrence frequency in vegetation plots with a cover above 5%: **80 %**Occurrence frequency in vegetation plots with a cover above 25%: **60 %**Occurrence frequency in vegetation plots with a cover above 50%: **40 %**Mean percentage cover in vegetation plots: **36 %**Maximum percentage cover in vegetation plots: **64 %**

Number of habitats with taxon occurrence in the Czech Republic

Number of narrow habitats in which the taxon occurs: **3**Number of narrow habitats in which the taxon has its optimum: **1**Number of broad habitats in which the taxon occurs: **1**Number of broad habitats in which the taxon has its optimum: **1****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**