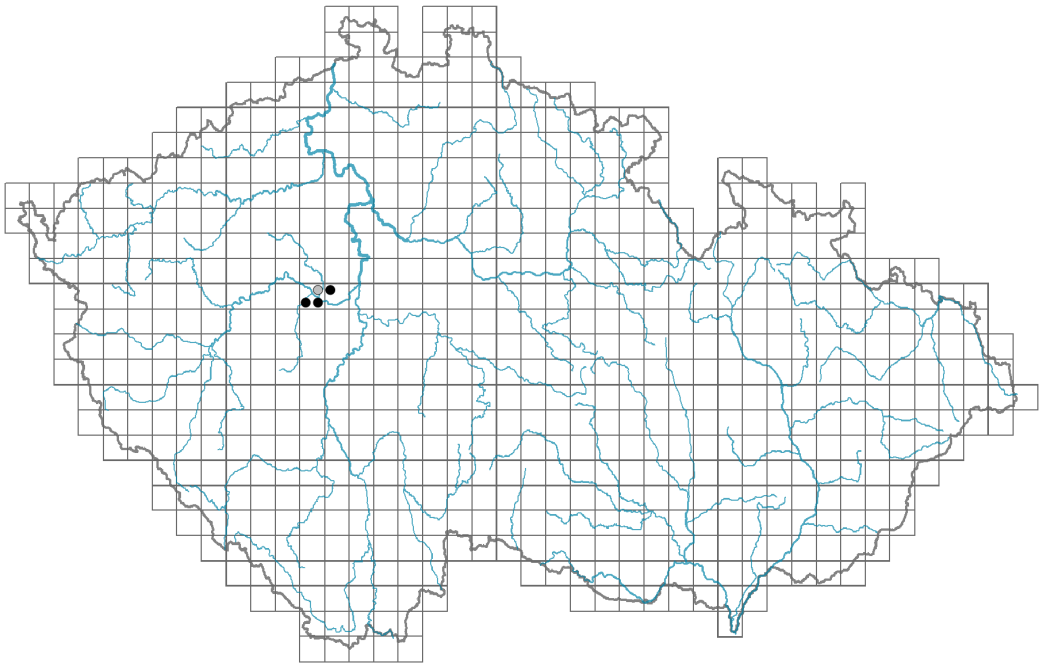
Sorbus eximia

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]: **2–16**
Growth form: **tree (shrub)**
Life form: **macrophanerophyte (nanophanerophyte)**

Leaf

Leaf presence and metamorphosis: **leaves present, not modified**
Leaf arrangement (phyllotaxis): **alternate**
Leaf shape: **simple – entire**
Stipules: **present**
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**
Flower colour: **white, yellow-white**
Flower symmetry: **actinomorphic**
Perianth type: **calyx and corolla**
Perianth fusion: **free**
Calyx fusion: **hypanthium**

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Inflorescence type: **corymbothyrsus**
Generative reproduction type: **facultative apomixis**

Fruit, seed and dispersal

Fruit type: **fleshy fruit – pome**
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**

Karyology

Chromosome number (2n): **51**
Ploidy level (x): **3**
2C genome size [Mbp]: **1853.32**
1Cx monoploid genome size [Mbp]: **617.77**
Genomic GC content: **40.2 %**

Taxon origin

Origin in the Czech Republic: **native**

Habitat and sociology

Occurrence in habitats

12 Forests

12C Oak-hornbeam forests: **2 – optimum**
12D Ravine forests: **1 – rare occurrence**
12H Peri-Alpidic basiphilous thermophilous oak forests: **2 – optimum**
12I Sub-continental thermophilous oak forests: **1 – rare occurrence**

Affinity to the forest environment

Affinity to the forest environment in Thermophyticum: **2.1 – taxon occurring both in the forest and open vegetation**

Distribution and frequency

Elevational belt in the Czech Republic: **colline belt, submontane belt**
Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: 3
taxon.data.freq_in_quad: 5

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: **2**

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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): **C2b – endangered taxon, rare and declining**
Red List 2017 (IUCN categories): **EN – endangered**
Legal protection: **not protected by law**

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