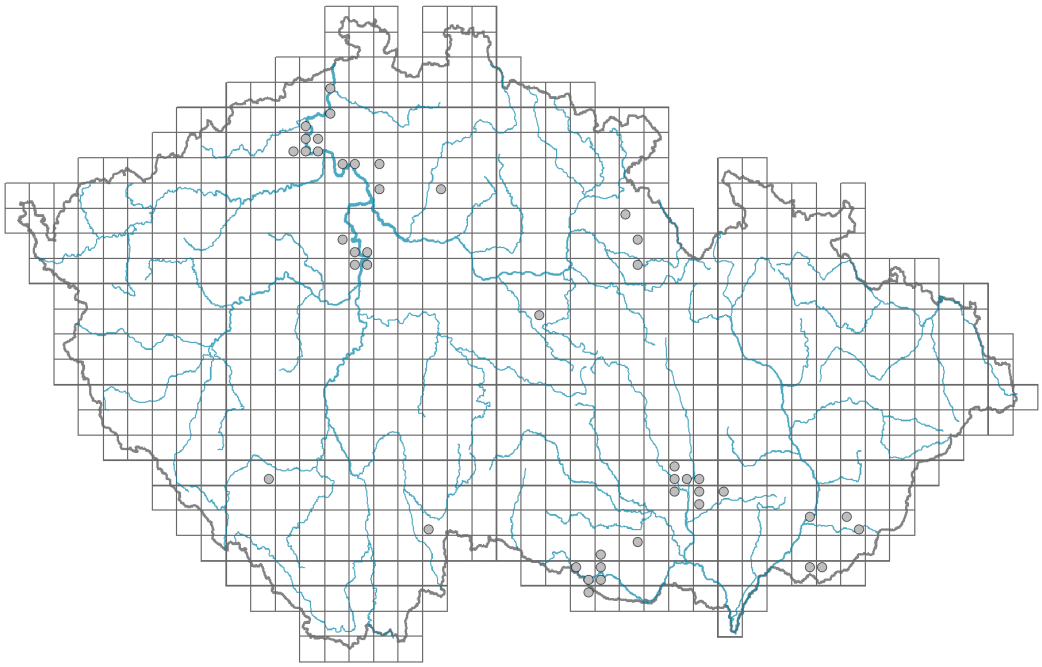
Mespilus germanica

Distribution





Map info

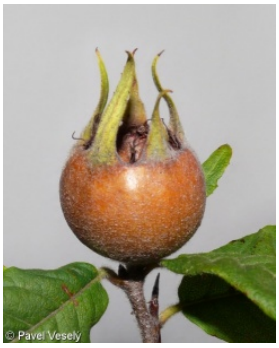
revised records

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]: **2–5**
Growth form: **tree (shrub)**
Life form: **macrophanerophyte (nanophanerophyte)**
Life strategy: **C – competitor**
Life strategy (Pierce method based on leaf traits): **S/CSR**
Life strategy (Pierce method, C-score): **28.2 %**
Life strategy (Pierce method, S-score): **44.2 %**
Life strategy (Pierce method, R-score): **27.7 %**

Leaf

Leaf presence and metamorphosis: **leaves present, not modified**
Leaf arrangement (phyllotaxis): **alternate**
Leaf shape: **simple – entire**
Stipules: **present**
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**

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Flower



Flowering period [month]: **May–June**
Flower colour: **white**
Flower symmetry: **actinomorphic**
Perianth type: **calyx and corolla**
Perianth fusion: **free**
Calyx fusion: **hypanthium**
Inflorescence type: **flores solitarii**
Dicliny: **synoecious**
Generative reproduction type: **facultative autogamy**
Pollination syndrome: **insect-pollination, selfing**



Fruit, seed and dispersal



Fruit type: **fleshy fruit – pome**
Fruit colour: **brown**
Reproduction type: **mostly vegetatively, rarely by seed/spores**
Dispersal unit (diaspore): **seed, fruit, infrutescence or its part**
Dispersal strategy: **Cornus (mainly autochory and endozoochory)**
Myrmecochory: **non-myrmecochorous (b)**



Belowground organs and clonality

Shoot metamorphosis: **shoot thorn**
Root metamorphosis: **root shoot**
Position of root buds: **lateral roots**
Role of root buds in life-history of a plant: **regenerative**

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): **0**
Number of buds per shoot at a depth greater than 10 cm (root buds excluded): **0**
Size of the belowground bud bank (root buds excluded): **0**
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): **15**
Number of buds per shoot at a depth greater than 10 cm (root buds included): **15**
Size of the belowground bud bank (root buds included): **30**
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: **archaeophyte**
Invasion status: **casual**

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Geographic origin: **Mediterranean**
Period of introduction: **Late Middle Ages (1200–1500)**
Introduction pathway: **intentional – crops**

Habitat and sociology

Occurrence in habitats

11 Heathlands and scrub

11L Tall mesic and xeric shrub: **1 – rare occurrence**
11R Scrub and pioneer woodland of forests clearings: **1 – rare occurrence**

12 Forests

12C Oak-hornbeam forests: **1 – rare occurrence**
12H Peri-Alpidic basiphilous thermophilous oak forests: **1 – rare occurrence**
12J Acidophilous thermophilous oak forests: **1 – rare occurrence**
12K Acidophilous oak forests: **1 – rare occurrence**

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**

Distribution and frequency

Floristic zone: **submeridional, meridional**
Floristic region: **Near East**
Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: 33
taxon.data.freq_in_quad: 44

Number of habitats with taxon occurrence in the Czech Republic

Number of narrow habitats in which the taxon occurs: **6**
Number of narrow habitats in which the taxon has its optimum: **0**
Number of broad habitats in which the taxon occurs: **2**
Number of broad habitats in which the taxon has its optimum: **0**

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**

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