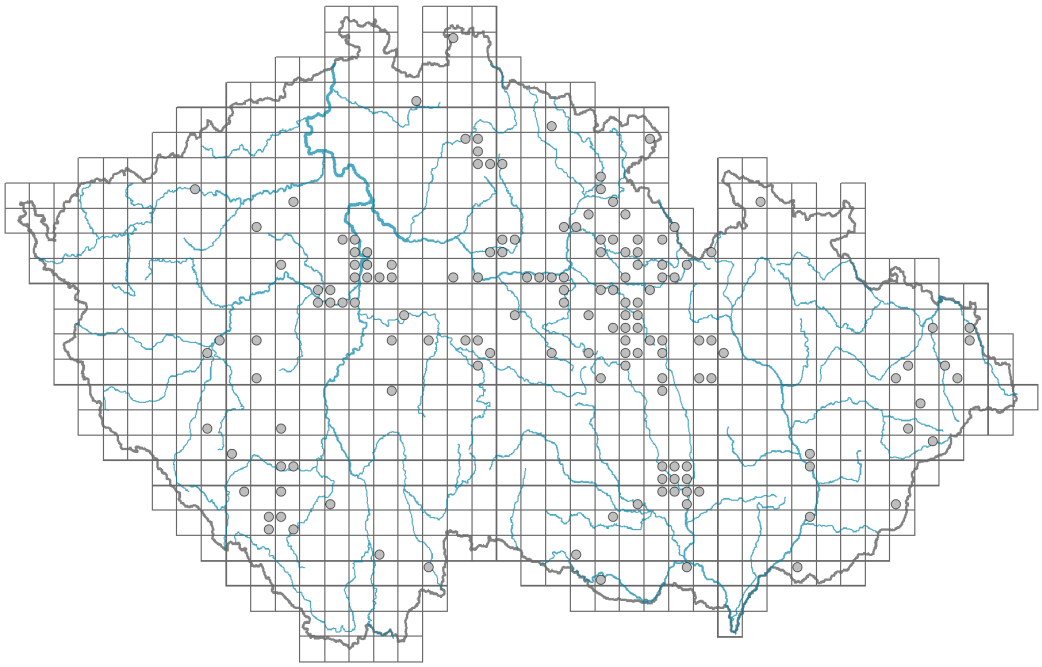
Eranthis hyemalis

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]: **0.05–0.15**
Growth form: **clonal herb**
Life form: **geophyte**
Life strategy: **CSR – competitor/stress-tolerator/ruderal**

Leaf

Leaf presence and metamorphosis: **leaves present, not modified**
Leaf shape: **simple – palmately divided**
Stipules: **absent**
Petiole: **present**
Leaf life span: **spring green**
Leaf anatomy: **hygromorphic**

Flower

Flowering period [month]: **February–March**
Flowering phase: **1 Corylus avellana-Leucojum vernum (pre-spring)**
Flower colour: **yellow**
Flower symmetry: **actinomorphic**
Perianth type: **homochlamydeous**
Perianth fusion: **free**

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Inflorescence type: **flores solitarii**
Dicliny: **synoecious**
Generative reproduction type: **mixed mating**
Pollination syndrome: **insect-pollination, selfing**

Fruit, seed and dispersal



Fruit type: **dry fruit – cluster of follicles**
Fruit colour: **brown**
Reproduction type: **only by seed/spores**
Dispersal unit (diaspore): **fruit, infrutescence or its part**
Dispersal strategy: **Allium (mainly autochory)**
Myrmecochory: **non-myrmecochorous (b)**

Belowground organs and clonality



Storage organ: **hypocotyl bulb**
Type of clonal growth organ: **belowground stem tuber**
Freely dispersible organs of clonal growth: **absent**
Primary root: **absent**
Persistence of the clonal growth organ [year]: **4**
Number of clonal offspring: **6**
Lateral spreading distance by clonal growth [m]: **0.01**
Clonal index: **4**
Position of root buds: **primary root**
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): **5**
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): **5**
Depth of the belowground bud bank (root buds exluded) [cm]: **5**
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): **5**
Number of buds per shoot at a depth greater than 10 cm (root buds included): **0**
Size of the belowground bud bank (root buds included): **5**
Depth of the belowground bud bank (root buds included) [cm]: **5**



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: **Mediterranean**

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Period of introduction: **Recent Past (1950–2000)**
Introduction pathway: **intentional – ornamental**







Habitat and sociology

Occurrence in habitats

6 Meadows and mesic pastures

6C Pastures and park grasslands: **1 – rare occurrence**

11 Heathlands and scrub

11R Scrub and pioneer woodland of forests clearings: **1 – rare occurrence**

12 Forests

12U Plantations of broad-leaved non-native trees: **1 – rare occurrence**

13 Anthropogenic vegetation

13E Perennial nitrophilous herbaceous vegetation of mesic sites: **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**
Floristic region: **Europe**
Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: 102
taxon.data.freq_in_quad: 152

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: **0**
Number of broad habitats in which the taxon occurs: **4**
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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