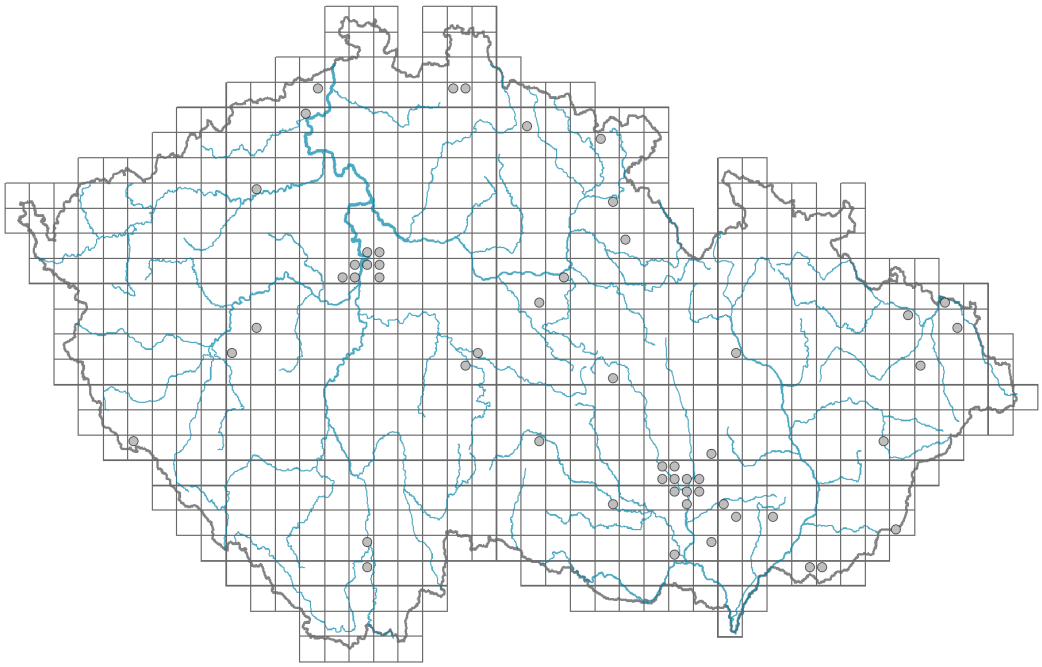
Hippophaë rhamnoides

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]: **6–7**
Growth form: **shrub (tree)**
Life form: **nanophanerophyte (macrophanerophyte)**
Life strategy: **C – competitor**
Life strategy (Pierce method based on leaf traits): **S**
Life strategy (Pierce method, C-score): **6.4 %**
Life strategy (Pierce method, S-score): **82.8 %**
Life strategy (Pierce method, R-score): **10.8 %**

Leaf

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

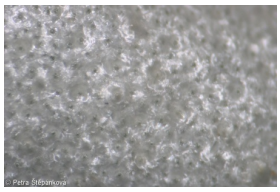
© 2014–2024 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz

Flower

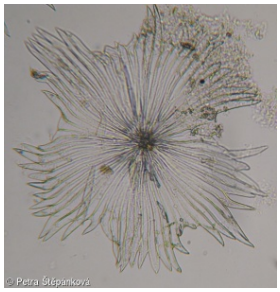
Flowering period [month]: **March–April**
Flowering phase: **3 Prunus avium-Ranunculus auricomus (end of early spring)**
Flower colour: **green**
Perianth type: **calyx present, corolla absent**
Calyx fusion: **synsepalous**
Inflorescence type: **fasciculus**
Dicliny: **dioecious**
Generative reproduction type: **allogamy**
Pollination syndrome: **wind-pollination**

Fruit, seed and dispersal

Fruit type: **fleshy fruit – drupe**
Fruit colour: **orange**
Reproduction type: **by seed/spores and vegetatively**
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: **additive**

Bud bank

Number of buds per shoot at the soil surface (root buds excluded): **5**
Number of buds per shoot at a depth of 0–10 cm (root buds excluded): **10**
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): **15**
Depth of the belowground bud bank (root buds exluded) [cm]: **4**
Number of buds per shoot at the soil surface (root buds included): **5**
Number of buds per shoot at a depth of 0–10 cm (root buds included): **20**
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): **40**
Depth of the belowground bud bank (root buds included) [cm]: **8**

Trophic mode

Parasitism and mycoheterotrophy: **autotrophic**
Carnivory: **non-carnivorous**
Symbiotic nitrogen fixation: **symbiosis with Frankia**

Taxon origin

Origin in the Czech Republic: **neophyte**
Invasion status: **casual**

© 2014–2024 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz

Geographic origin: **Europe, Mediterranean, Asia**
Year of the first record in the wild: **1902**
Period of introduction: **Late Modern Period (1800–1950)**
Introduction pathway: **intentional – ornamental, intentional – crops**

Habitat and sociology

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: **northern temperate, southern temperate, submeridional, meridional**
Floristic region: **Europe, Asia**
Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: 46
taxon.data.freq_in_quad: 55

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**

© 2014–2024 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz