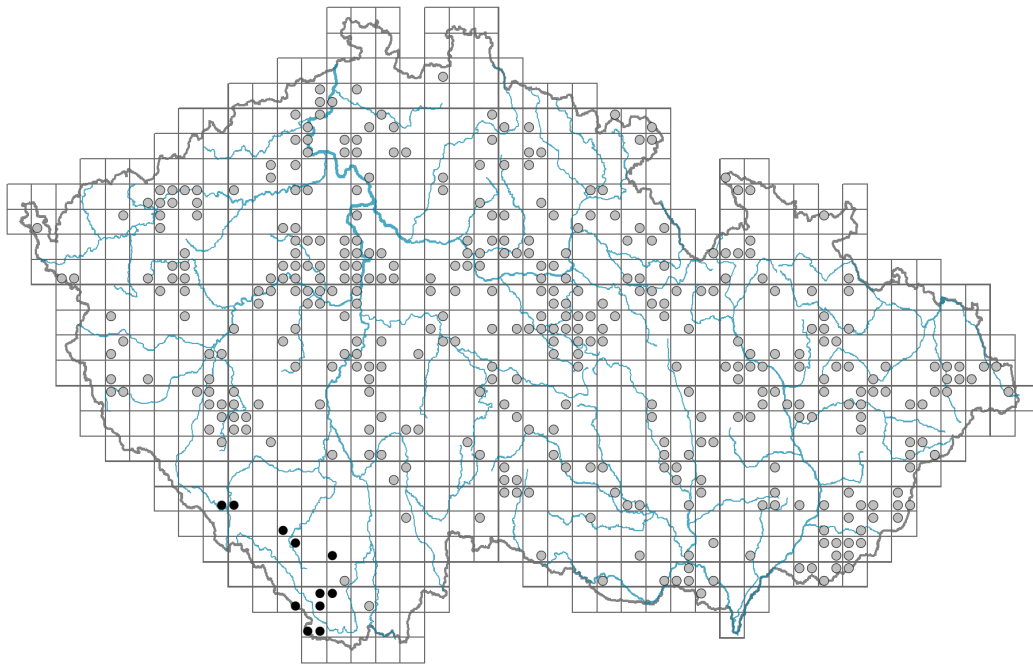


# *Crataegus rhipidophylla*

## 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]:

Growth form: **shrub (tree)**

Life form: **nanophanerophyte (macrophanerophyte)**

Life strategy: **C - competitor**

## Leaf

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

Leaf arrangement (phyllotaxis): **alternate**

Leaf shape: **simple - pinnately divided**

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**

## 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: **corymbus**  
Dicliny: **synoecious**  
Generative reproduction type: **facultative allogamy**  
Pollination syndrome: **insect-pollination, selfing**

## **Fruit, seed and dispersal**

Fruit type: **fleshy fruit - pome**  
Reproduction type: **only 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**

## **Trophic mode**

Parasitism and mycoheterotrophy: **autotrophic**  
Carnivory: **non-carnivorous**  
Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

## **Karyology**

Chromosome number (2n): **68**  
Ploidy level (x): **4**  
2C genome size [Mbp]: **2720.54**  
1Cx monoploid genome size [Mbp]: **680.13**  
Genomic GC content: **40.1 %**

## **Taxon origin**

Origin in the Czech Republic: **native**

## **Habitat and sociology**

### **Occurrence in habitats**

#### **8 Dry grasslands**

8A Hercynian dry grasslands on rock outcrops: **1 - rare occurrence**  
8B Submediterranean dry grasslands on rock outcrops: **1 - rare occurrence**  
8C Narrow-leaved sub-continental steppes: **1 - rare occurrence**  
8D Broad-leaved dry grasslands: **1 - rare occurrence**  
8E Acidophilous dry grasslands: **1 - rare occurrence**  
8F Thermophilous forest fringe vegetation: **2 - optimum**

#### **11 Heathlands and scrub**

- 11A Dry lowland to subalpine heathlands: **1 - rare occurrence**  
11J Willow galleries of loamy and sandy river banks: **1 - rare occurrence**  
11L Tall mesic and xeric shrub: **3 - dominant**  
11N Low xeric scrub: **2 - optimum**  
11R Scrub and pioneer woodland of forests clearings: **1 - rare occurrence**

## 12 Forests

- 12B Alluvial forests: **2 - optimum**  
12C Oak-hornbeam forests: **2 - optimum**  
12D Ravine forests: **2 - optimum**  
12E Herb-rich beech forests: **1 - rare occurrence**  
12F Limestone beech forests: **1 - rare occurrence**  
12G Acidophilous beech forests: **1 - rare occurrence**  
12H Peri-Alpidic basiphilous thermophilous oak forests: **2 - optimum**  
12I Sub-continental thermophilous oak forests: **2 - optimum**  
12J Acidophilous thermophilous oak forests: **2 - optimum**  
12K Acidophilous oak forests: **1 - rare occurrence**  
12O Peri-Alpidic pine forests: **1 - rare occurrence**  
12T Robinia pseudacacia plantations: **2 - optimum**  
12U Plantations of broad-leaved non-native trees: **1 - rare occurrence**  
12W Pine and larch plantations: **2 - optimum**

## Affinity to the forest environment

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

Affinity to the forest environment in Mesophyticum and Oreophyticum: **2.1 - taxon occurring both in the forest and open vegetation**

## Distribution and frequency

Floristic zone: **northern temperate, southern temperate, submeridional**

Floristic region: **Europe**

Elevational belt in the Czech Republic: **lowlands, colline belt, submontane belt, montane belt**

Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: 286

taxon.data.freq\_in\_quad: 414

Number of habitats with taxon occurrence in the Czech Republic

Number of narrow habitats in which the taxon occurs: **25**

Number of narrow habitats in which the taxon has its optimum: **11**

Number of broad habitats in which the taxon occurs: **3**

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

## Threats and protection

Red List 2017 (national categories): **C4b - data deficient taxon**

Red List 2017 (IUCN categories): **DD - data deficient**

Legal protection: **not protected by law**