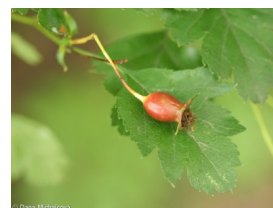
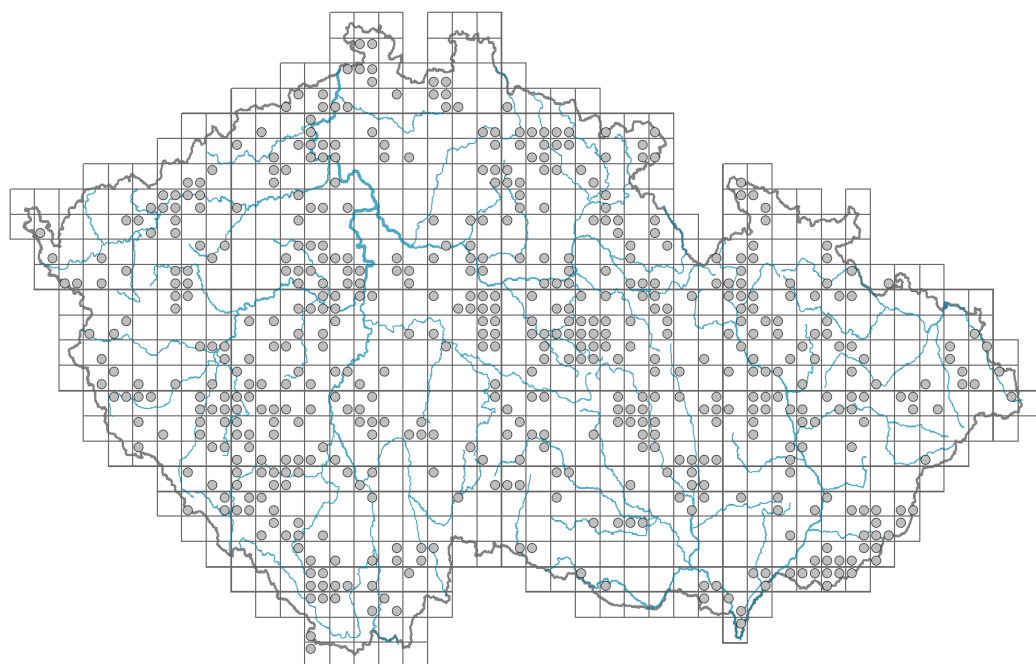


# *Crataegus ×macrocarpa*

## 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**

Life form: **nanophanerophyte**

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 anatomy: **mesomorphic**

## Flower

Flowering period [month]: **May-June**

Flowering phase: **5 Sorbus aucuparia-Galium odoratum (end of mid-spring)**

Flower colour: **white**

Flower symmetry: **actinomorphic**

Perianth type: **calyx and corolla**

Perianth fusion: **free**

Calyx fusion: **hypanthium**  
Inflorescence type: **corymbus**  
Dicliny: **synoecious**  
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)**

### **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]: **2615.81**  
1Cx monoploid genome size [Mbp]: **653.95**  
Genomic GC content: **39.6 %**

### **Taxon origin**

Origin in the Czech Republic: **native**

### **Habitat and sociology**

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: 352

taxon.data.freq\_in\_quad: 559