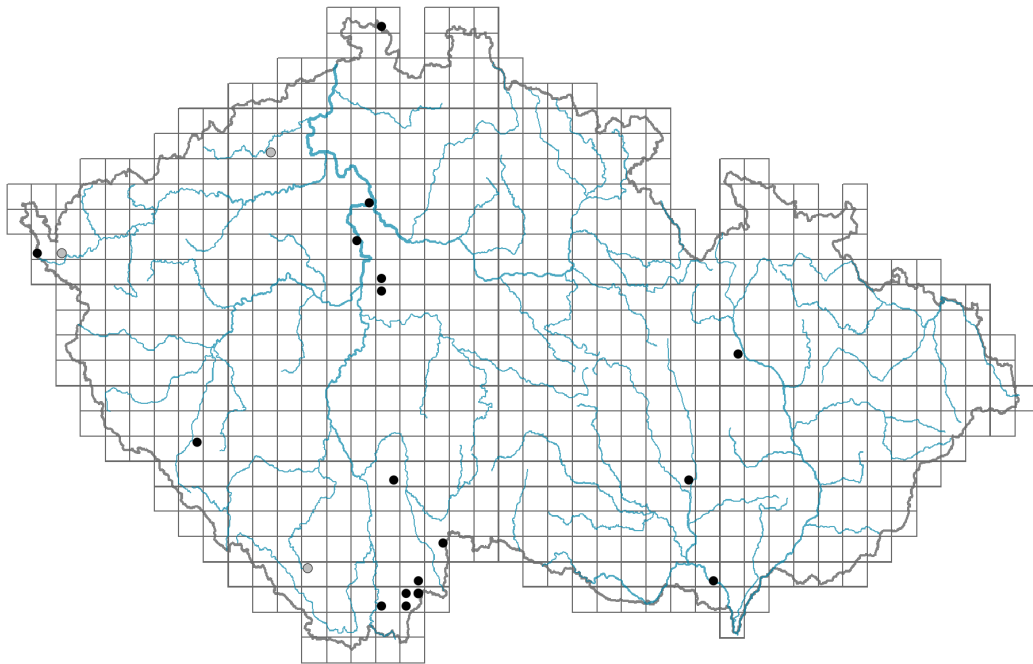


# *Amelanchier lamarckii*

## 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 (Pierce method based on leaf traits): **S/CS**

Life strategy (Pierce method, C-score): **26.4 %**

Life strategy (Pierce method, S-score): **67 %**

Life strategy (Pierce method, R-score): **6.6 %**

## Leaf

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

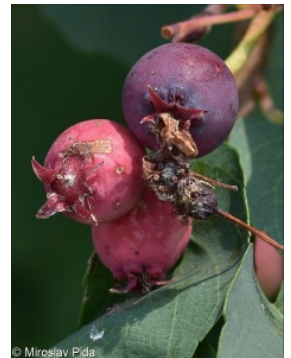
Leaf arrangement (phyllotaxis): **alternate**

Leaf shape: **simple - entire**

Stipules: **present**

Petiole: **present**

Functional leaf type in woody plants: **broad deciduous or semi-deciduous**



## Flower

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

Flower colour: **white**

Flower symmetry: **actinomorphic**

Perianth type: **calyx and corolla**  
 Perianth fusion: **free**  
 Calyx fusion: **hypanthium**  
 Inflorescence type: **racemus**  
 Generative reproduction type: **apomixis**

## Fruit, seed and dispersal

Fruit type: **fleshy fruit - pome**  
 Dispersal unit (diaspore): **seed, fruit, infrutescence or its part**  
 Dispersal strategy: **Cornus (mainly autochory and endozoochory)**  
 Myrmecochory: **non-myrmecochorous (b)**

## 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: **North America**  
 Year of the first record in the wild: **1867**  
 Period of introduction: **Late Modern Period (1800-1950)**  
 Introduction pathway: **intentional - ornamental, intentional - nature**

## Ecological indicator values

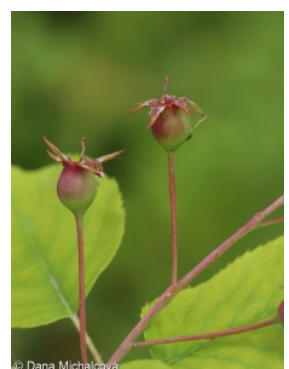
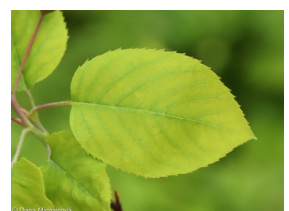
### Ellenberg-type indicator values

Light indicator value: **6 - transition between values 5 and 7; rarely at less than 20% of diffuse radiation incident in an open area**  
 Temperature indicator value: **6 - transition between values 5 and 7**  
 Moisture indicator value: **5 - indicator of fresh soils, focus on soils of average moisture, missing on wet and on soils that frequently dry out**  
 Reaction indicator value: **3 - acidity indicator, occurring mainly in acidic conditions, exceptionally in neutral conditions**  
 Nutrient indicator value: **3 - occurring at nutrient-poor sites more frequently than at average sites and exceptionally at rich sites**  
 Salinity indicator value: **0 - not salt tolerant, glycophyte**

## 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

Continentality degree: **5**

Distribution range extension along the continentality gradient: **4**

Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: 18

taxon.data.freq\_in\_quad: 20

## 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**

