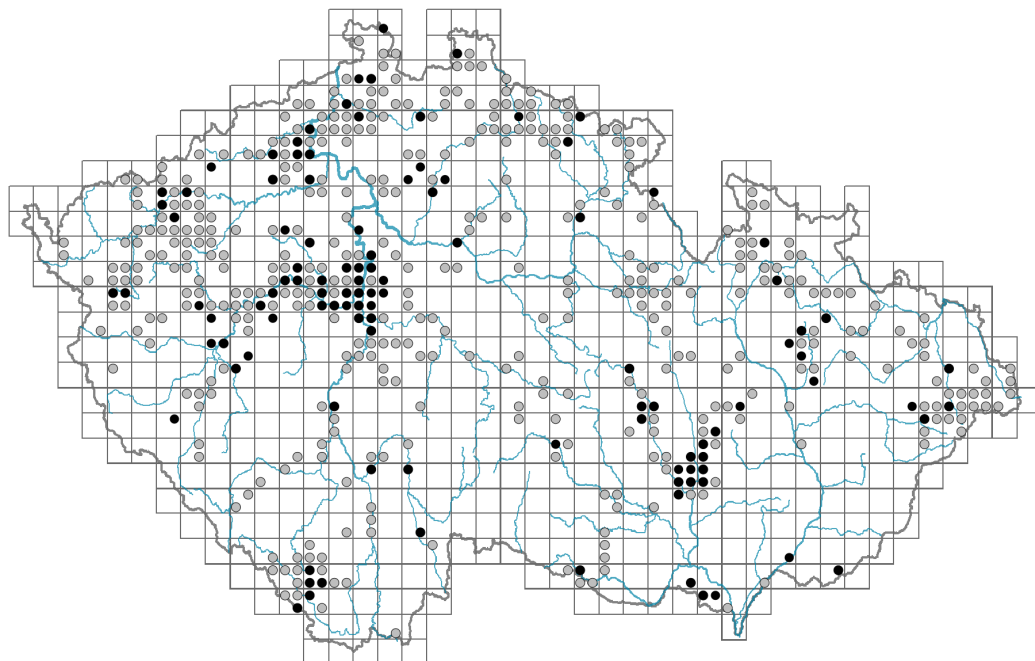


Ribes alpinum

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]: **0.5-1.5**

Growth form: **shrub**

Life form: **nanophanerophyte**

Life strategy: **C - competitor**

Leaf

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

Leaf arrangement (phyllotaxis): **alternate**

Leaf shape: **simple - palmately divided**

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**

Flower

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

Flowering phase: **3 Prunus avium-Ranunculus auricomus (end of early spring)**

Flower colour: **yellow-green**



Flower symmetry: **actinomorphic**
 Perianth type: **calyx and corolla**
 Perianth fusion: **free**
 Calyx fusion: **synsepalous**
 Inflorescence type: **racemus**
 Dicliny: **dioecious**
 Generative reproduction type: **allogamy**
 Pollination syndrome: **insect-pollination**

Fruit, seed and dispersal

Fruit type: **fleshy fruit - berry**
 Fruit colour: **red**
 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

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): **5**
 Size of the belowground bud bank (root buds excluded): **10**
 Depth of the belowground bud bank (root buds excluded) [cm]: **10**
 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): **5**
 Size of the belowground bud bank (root buds included): **10**
 Depth of the belowground bud bank (root buds included) [cm]: **10**

Trophic mode

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

Karyology

Chromosome number (2n): **16**
 Ploidy level (x): **2**
 2C genome size [Mbp]: **1827.06**
 1Cx monoploid genome size [Mbp]: **913.53**
 Genomic GC content: **39.7 %**

Taxon origin

Origin in the Czech Republic: **native**



Ecological indicator values

Ellenberg-type indicator values

Light indicator value: **5 - semi-shade plant, only exceptionally occurring in full light, but usually at more than 10% of the diffuse radiation incident in an open area**

Temperature indicator value: **4 - transition between values 3 and 5**

Moisture indicator value: **6x - transition between values 5 and 7 (generalist)**

Reaction indicator value: **7 - indicator of slightly acidic to slightly basic conditions, never occurring in very acidic conditions**

Nutrient indicator value: **6 - transition between values 5 and 7**

Salinity indicator value: **0 - not salt tolerant, glycophyte**

Indicator values for disturbance

Whole-community disturbance frequency indicator value: **-1.89**

Herb layer disturbance frequency indicator value: **-0.87**

Whole-community disturbance severity indicator value: **0.25**

Herb layer disturbance severity indicator value: **0.1**

Whole-community structure based disturbance indicator value: **0.12**

Herb layer structure-based disturbance indicator value: **0.13**

Habitat and sociology

Occurrence in habitats

1 Vegetation of cliffs, screes and walls

1A Calcareous cliffs: **1 - rare occurrence**

1B Siliceous cliffs and block fields: **2 - optimum**

1D Mobile calcareous screes: **1 - rare occurrence**

11 Heathlands and scrub

11L Tall mesic and xeric shrub: **1 - rare occurrence**

11R Scrub and pioneer woodland of forests clearings: **2 - optimum**

12 Forests

12B Alluvial forests: **1 - rare occurrence**

12C Oak-hornbeam forests: **1 - rare occurrence**

12D Ravine forests: **2 - optimum**

12E Herb-rich beech forests: **1 - rare occurrence**

12G Acidophilous beech forests: **1 - rare occurrence**

12H Peri-Alpidic basiphilous thermophilous oak forests: **1 - rare occurrence**

12V Spruce plantations: **1 - rare occurrence**

13 Anthropogenic vegetation

13F Herbaceous vegetation of forests clearings and Rubus scrub: **1 - rare occurrence**

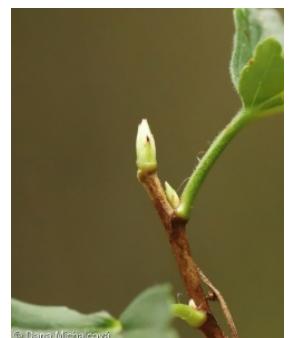
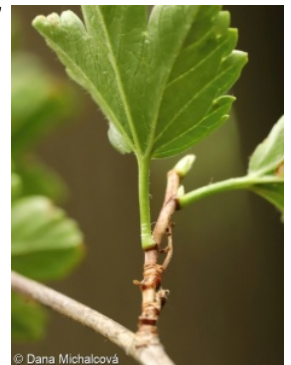
Affinity to the forest environment

Affinity to the forest environment in Thermophyticum: **1.1 - taxon occurring mainly in the closed forest**

Affinity to the forest environment in Mesophyticum and Oreophyticum: **1.1 - taxon occurring mainly in the closed forest**

Diagnostic taxon

Diagnostic taxon of associations: [KBC01 Ribeso alpini-Rosetum pendulinae](#)



Constant taxon

Constant taxon of associations: [KBC01 Ribeso alpini-Rosetum pendulinae](#)

Dominant taxon

Dominant taxon of associations: [KBC01 Ribeso alpini-Rosetum pendulinae](#)

Ecological specialization indices

Ecological specialization index for all vegetation types: **5.3**

Ecological specialization index for non-forest vegetation: **4.2**

Ecological specialization index for forest vegetation: **5.7**

Colonization ability

Index of colonization success (ICS): **2**

Index of colonization potential (ICP): **4**

Optimum successional age [years]: **75**

Distribution and frequency

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

Floristic region: **Europe**

Continentality degree: **5**

Distribution range extension along the continentality gradient: **3**

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

Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: **287**

taxon.data.freq_in_quad: **507**

Commonness in vegetation plots from the Czech Republic

Occurrence frequency in vegetation plots: **0.3 %**

Occurrence frequency in vegetation plots with a cover above 5%: **17.2 %**

Occurrence frequency in vegetation plots with a cover above 25%: **6.9 %**

Occurrence frequency in vegetation plots with a cover above 50%: **2.3 %**

Mean percentage cover in vegetation plots: **6.3 %**

Maximum percentage cover in vegetation plots: **63 %**

Number of habitats with taxon occurrence in the Czech Republic

Number of narrow habitats in which the taxon occurs: **13**

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

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

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

Threats and protection

Red List 2017 (national categories): **C4a - near threatened taxon**

Red List 2017 (IUCN categories): **LC - least concern**

Legal protection: **not protected by law**