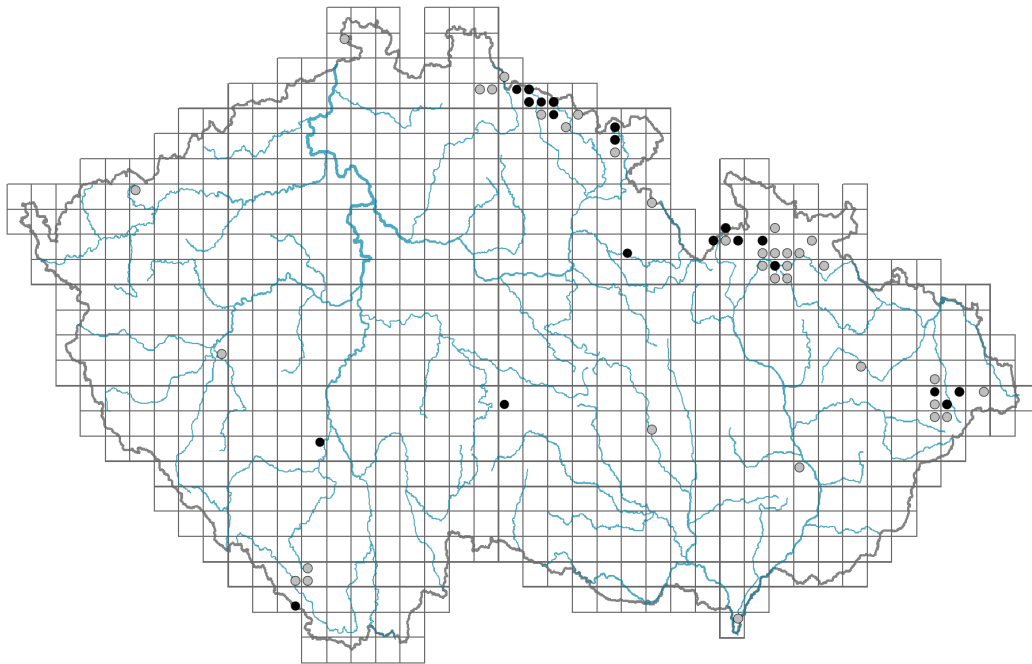


# *Ribes petraeum*

## 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]: **1-2**

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]: **May**

Flower colour: **yellow-green**

Flower symmetry: **actinomorphic**

Perianth type: **calyx and corolla**  
Perianth fusion: **free**  
Calyx fusion: **synsepalous**  
Inflorescence type: **racemus**  
Dicliny: **synoecious**  
Generative reproduction type: **facultative allogamy**  
Pollination syndrome: **insect-pollination, selfing**

### **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]: **1727.83**  
1Cx monoploid genome size [Mbp]: **863.92**  
Genomic GC content: **40.1 %**

### **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: **3 - cool indicator, occurring mainly in subalpine areas**

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

Reaction indicator value: **5 - indicator of moderate acidity, occurring rarely in strongly acidic as well as in neutral to alkaline conditions**

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

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

## Habitat and sociology

### Occurrence in habitats

1 Vegetation of cliffs, screes and walls

1B Siliceous cliffs and block fields: **1 - rare occurrence**

2 Alpine and subalpine grasslands

2B Subalpine tall-forb and tall-grass vegetation: **2 - optimum**

11 Heathlands and scrub

11D Subalpine acidophilous *Pinus mugo* scrub: **2 - optimum**

11H Subalpine deciduous scrub: **2 - optimum**

### 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**

### Diagnostic taxon

Diagnostic taxon of alliances: [ADC \*Salicion silesiaca\*](#)

Diagnostic taxon of associations: [ADC02 \*Pado borealis-Sorbetum aucupariae\*](#)

### Constant taxon

Constant taxon of associations: [ADC02 \*Pado borealis-Sorbetum aucupariae\*](#)

## Distribution and frequency

Floristic zone: **southern temperate, submeridional**

Floristic region: **Europe**

Distribution range extension along the continentality gradient: **6**

Elevational belt in the Czech Republic: **montane belt, subalpine belt**

Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: 40

taxon.data.freq\_in\_quad: 55

### Commonness in vegetation plots from the Czech Republic

Occurrence frequency in vegetation plots: **0 %**

Occurrence frequency in vegetation plots with a cover above 5%: **33.3 %**

Occurrence frequency in vegetation plots with a cover above 25%: **0 %**

Occurrence frequency in vegetation plots with a cover above 50%: **0 %**

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

Maximum percentage cover in vegetation plots: **13 %**

Number of habitats with taxon occurrence in the Czech Republic

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

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

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

Number of broad habitats in which the taxon has its optimum: **2**

### **Threats and protection**

Red List 2017 (national categories): **C1r - critically threatened taxon, rare**

Red List 2017 (IUCN categories): **EN - endangered**

Legal protection: **not protected by law**