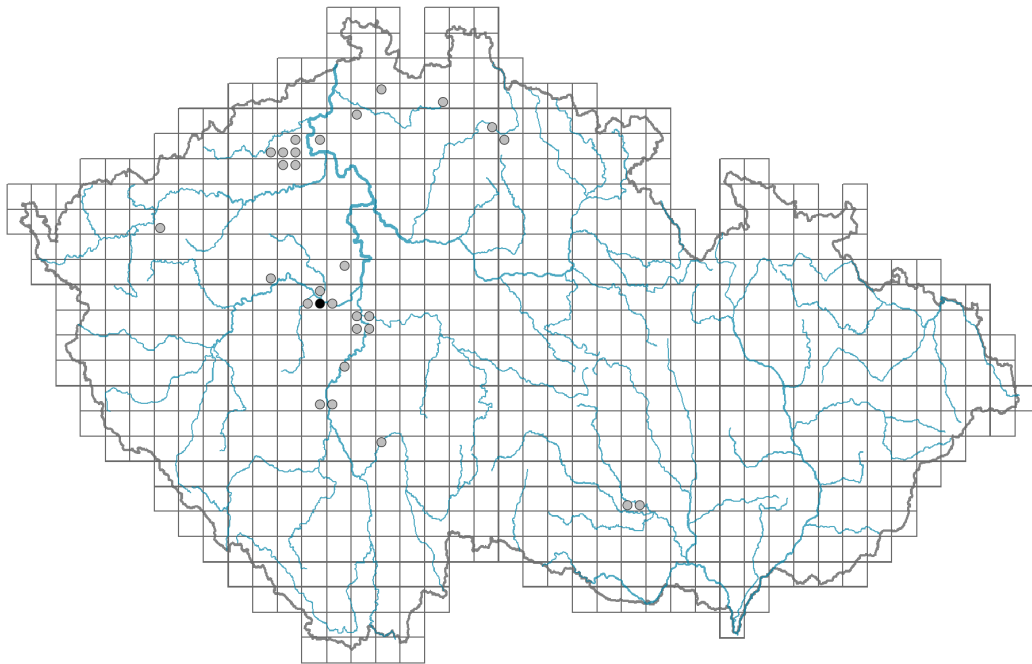


# *Saxifraga rosacea* subsp. *sponhemica*

## Distribution



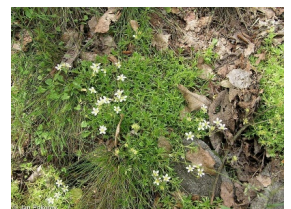
© Jan Lukavský

### Map info

● revised records

● unrevised records

On the map are not visualized records without the coordinates and records marked as incorrect or doubtful.



## Leaf

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

Leaf arrangement (phyllotaxis): **rosulate**

Leaf shape: **simple - pinnately divided**

Stipules: **absent**

Petiole: **absent**

## Flower

Flower colour: **white**

Flower symmetry: **actinomorphic**

Perianth type: **calyx and corolla**

Perianth fusion: **free**

Calyx fusion: **synsepalous**

Inflorescence type: **anthella**

## Fruit, seed and dispersal

Fruit type: **dry fruit - capsule**

Fruit colour: **brown**

Dispersal unit (diaspore): **seed, stolon-born plantlet**

Dispersal strategy: **Allium (mainly autochory)**

Myrmecochory: **non-myrmecochorous (b)**



© Dana Holubová



© Tomáš Kebert

## Trophic mode

Parasitism and mycoheterotrophy: **autotrophic**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

## Taxon origin

Origin in the Czech Republic: **native**

## Ecological indicator values

Ellenberg-type indicator values

Light indicator value: **8 - light plant, only exceptionally occurring at less than 40% of diffuse radiation incident in an open area**

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

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

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

Nutrient indicator value: **2 - transition between values 1 and 3**

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

Indicator values for disturbance

Whole-community disturbance frequency indicator value: **-1.53**

Herb layer disturbance frequency indicator value: **-1.39**

Whole-community disturbance severity indicator value: **0.02**

Herb layer disturbance severity indicator value: **0.05**

Whole-community structure based disturbance indicator value: **0.5**

Herb layer structure-based disturbance indicator value: **0.39**

## 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**

Diagnostic taxon

Diagnostic taxon of alliances: [SAC \*Asplenion septentrionalis\*](#)

Diagnostic taxon of associations: [SAC02 \*Festuco pallentis-Saxifragetum rosaceae\*](#)

Constant taxon

Constant taxon of associations: [SAC02 \*Festuco pallentis-Saxifragetum rosaceae\*](#)

Dominant taxon

Dominant taxon of associations: [SAC02 \*Festuco pallentis-Saxifragetum rosaceae\*](#)

Ecological specialization indices

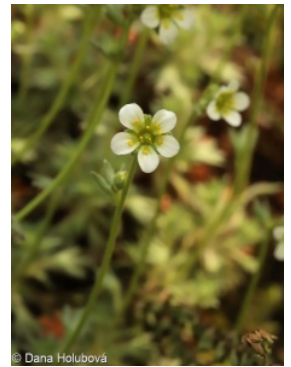
Ecological specialization index for all vegetation types: **4.5**

Ecological specialization index for non-forest vegetation: **4.4**

Colonization ability

Index of colonization success (ICS): **3**

Index of colonization potential (ICP): **8**



Optimum successional age [years]: **32.5**

## Distribution and frequency

Continentality degree: **4**

Distribution range extension along the continentality gradient: **2**

Elevational belt in the Czech Republic: **colline belt**

Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: **20**

taxon.data.freq\_in\_quad: **29**

Commonness in vegetation plots from the Czech Republic

Occurrence frequency in vegetation plots: **0.1 %**

Occurrence frequency in vegetation plots with a cover above 5%: **65 %**

Occurrence frequency in vegetation plots with a cover above 25%: **50 %**

Occurrence frequency in vegetation plots with a cover above 50%: **20 %**

Mean percentage cover in vegetation plots: **26.9 %**

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

## Threats and protection

Red List 2017 (national categories): **C2r - endangered taxon, rare**

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

Legal protection: **endangered taxon**

