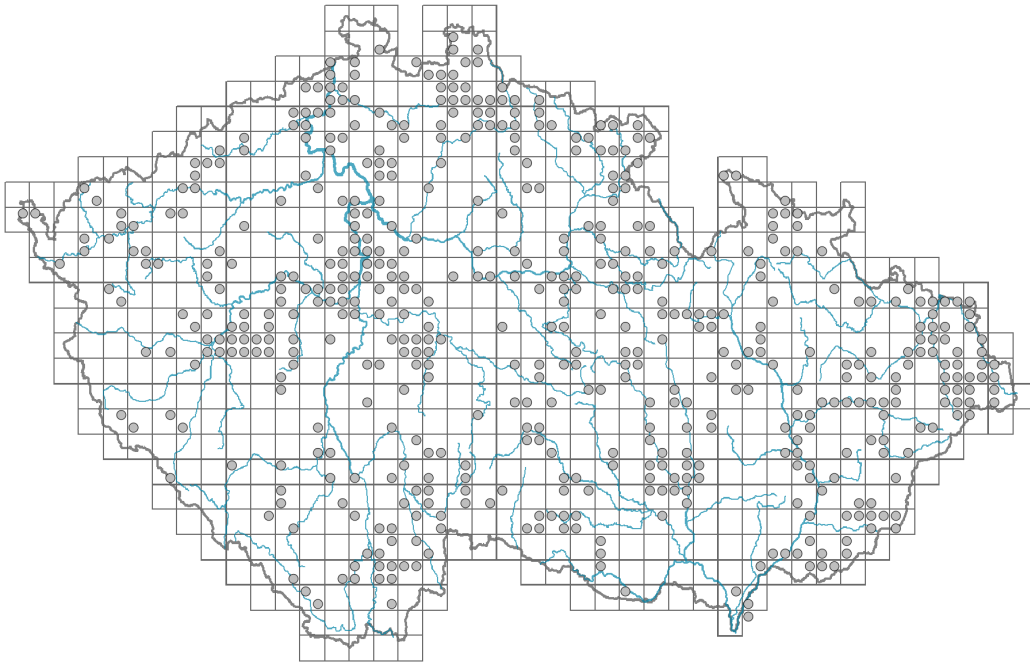


Reynoutria ×bohemica

Distribution



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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]: **2-3**

Life form: **geophyte**

Life strategy (Pierce method based on leaf traits): **C/CR**

Life strategy (Pierce method, C-score): **78 %**

Life strategy (Pierce method, S-score): **0 %**

Life strategy (Pierce method, R-score): **22 %**

Leaf

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

Leaf arrangement (phyllotaxis): **alternate**

Leaf shape: **simple - entire**

Stipules: **present**

Petiole: **present**

Flower

Flowering period [month]: **July-September**

Flower colour: **white**

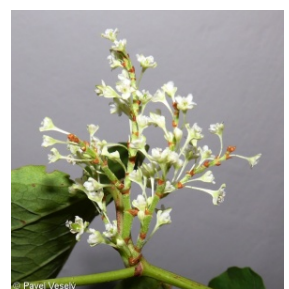
Flower symmetry: **actinomorphic**

Perianth type: **homochlamydeous**

Perianth fusion: **fused**



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Shape of the sympetalous corolla or syntepalous perianth: **funnel-shaped**
 Inflorescence type: **panicula e pseudospicis composita**
 Generative reproduction type: **allogamy**

Fruit, seed and dispersal

Fruit type: **dry fruit - achene/cypsela/samara**
 Fruit colour: **brown, black**
 Dispersal strategy: **Sparganium (mainly autochory and hydrochory)**

Belowground organs and clonality

Type of clonal growth organ: **hypogeogenous rhizome**
 Freely dispersible organs of clonal growth: **absent**
 Shoot life span (cyclicality): **monocyclic shoots prevailing**
 Branching type of stem-derived organs of clonal growth: **sympodial**
 Primary root: **absent**
 Persistence of the clonal growth organ [year]: **4**
 Number of clonal offspring: **1**
 Lateral spreading distance by clonal growth [m]: **0.27**
 Clonal index: **5**

Bud bank

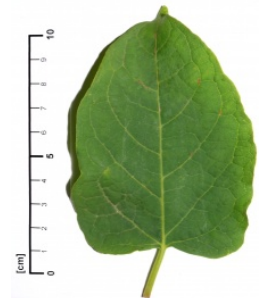
Number of buds per shoot at the soil surface (root buds excluded): **5**
 Number of buds per shoot at a depth of 0–10 cm (root buds excluded): **15**
 Number of buds per shoot at a depth greater than 10 cm (root buds excluded): **15**
 Size of the belowground bud bank (root buds excluded): **35**
 Depth of the belowground bud bank (root buds excluded) [cm]: **9**
 Number of buds per shoot at the soil surface (root buds included): **5**
 Number of buds per shoot at a depth of 0–10 cm (root buds included): **15**
 Number of buds per shoot at a depth greater than 10 cm (root buds included): **15**
 Size of the belowground bud bank (root buds included): **35**
 Depth of the belowground bud bank (root buds included) [cm]: **9**

Trophic mode

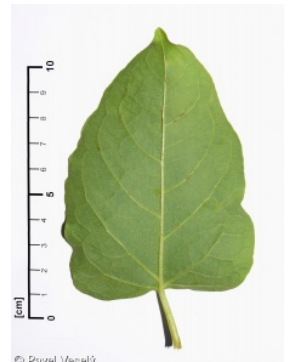
Parasitism and mycoheterotrophy: **autotrophic**
 Carnivory: **non-carnivorous**
 Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

Taxon origin

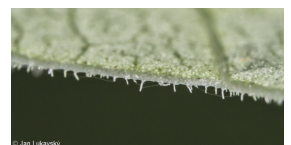
Origin in the Czech Republic: **neophyte**
 Invasion status: **invasive**
 Geographic origin: **hybrid origin**
 Year of the first record in the wild: **1942**
 Period of introduction: **Late Modern Period (1800–1950)**
 Introduction pathway: **intentional - ornamental**



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Ecological indicator values

Ellenberg-type indicator values

Light indicator value: 7 - **half-light plant, mostly occurring at full light, but also in the shade up to about 30% of diffuse radiation incident in an open area**

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

Moisture indicator value: 7 - **humidity indicator, focus on well moistened, but not wet soils**

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

Nutrient indicator value: 8 - **pronounced nutrient indicator**

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



Habitat and sociology

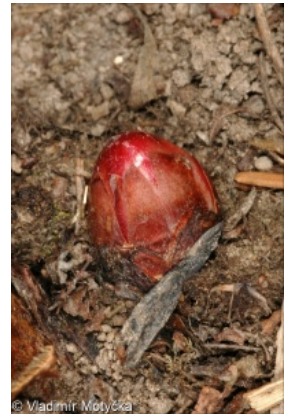
Affinity to the forest environment

Affinity to the forest environment in Thermophyticum: 2.2 - **taxon occurring partly in the forest, but mainly in open vegetation**

Affinity to the forest environment in Mesophyticum and Oreophyticum: 2.2 - **taxon occurring partly in the forest, but mainly in open vegetation**

Dominant taxon

Dominant taxon of associations: [XDE10 Reynoutrietum japonicae](#)



Distribution and frequency

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

Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: 332

taxon.data.freq_in_quad: 528

