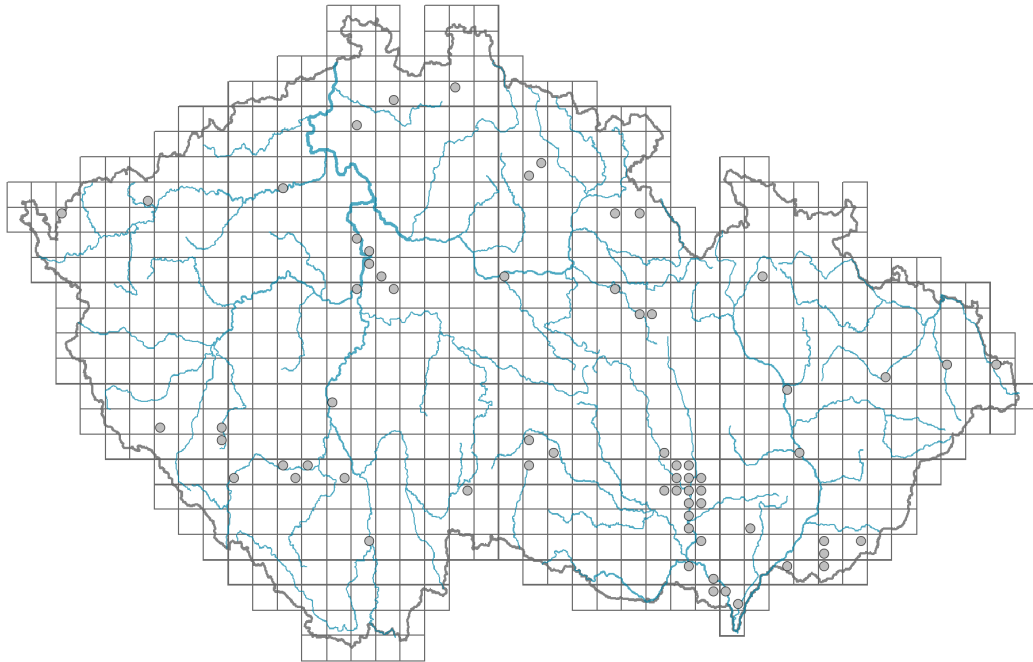


# *Phytolacca acinosa*

## 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**

Life form: **hemicryptophyte (geophyte)**

Life strategy: **CR - competitor/ruderal**

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

Life strategy (Pierce method, C-score): **75.1 %**

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

Life strategy (Pierce method, R-score): **24.9 %**



## Leaf

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

Leaf arrangement (phyllotaxis): **alternate**

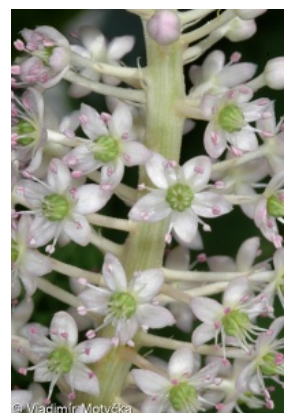
Leaf shape: **simple - entire**

Stipules: **absent**

Petiole: **present**

Leaf life span: **summer green**

Leaf anatomy: **mesomorphic**



## Flower

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

Flower colour: **white**

Flower symmetry: **actinomorphic**  
 Perianth type: **homochlamydeous**  
 Perianth fusion: **free**  
 Calyx fusion: **aposepalous**  
 Inflorescence type: **racemus**  
 Dicliny: **synoecious**  
 Pollination syndrome: **insect-pollination**

## Fruit, seed and dispersal

Fruit type: **fleshy fruit - head of one-seeded drupes**  
 Fruit colour: **blue, black**  
 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

Shoot metamorphosis: **pleiocorm**  
 Root metamorphosis: **primary storage root**  
 Storage organ: **pleiocorm, primary storage root**

## Trophic mode

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

## Karyology

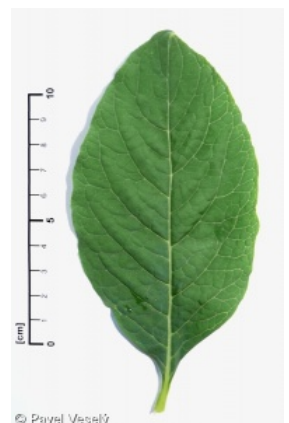
Chromosome number (2n): **72**  
 Ploidy level (x): **8**  
 2C genome size [Mbp]: **5137.26**  
 1Cx monoploid genome size [Mbp]: **642.16**  
 Genomic GC content: **40 %**

## Taxon origin

Origin in the Czech Republic: **neophyte**  
 Invasion status: **naturalized**  
 Geographic origin: **Asia**  
 Year of the first record in the wild: **1956**  
 Period of introduction: **Recent Past (1950-2000)**  
 Introduction pathway: **intentional - ornamental, intentional - other**

## 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: **7 - heat indicator, occurring in relatively warm lowlands**

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

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

Nutrient indicator value: **7 - occurring at nutrient-rich sites more often than at average sites and only exceptionally at poor sites**

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

**Habitat and sociology**

## Occurrence in habitats

## 11 Heathlands and scrub

11R Scrub and pioneer woodland of forests clearings: **1 - rare occurrence**

## 12 Forests

12U Plantations of broad-leaved non-native trees: **1 - rare occurrence**

## 13 Anthropogenic vegetation

13A Annual vegetation of ruderal habitats: **1 - rare occurrence**

13D Perennial thermophilous ruderal vegetation: **1 - rare occurrence**

13E Perennial nitrophilous herbaceous vegetation of mesic sites: **1 - rare occurrence**

## 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**

Floristic region: **Eastern Asia**

Distribution range extension along the continentality gradient: **5**

Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: **54**

taxon.data.freq\_in\_quad: **66**

Number of habitats with taxon occurrence in the Czech Republic

Number of narrow habitats in which the taxon occurs: **5**

Number of narrow habitats in which the taxon has its optimum: **0**

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

Number of broad habitats in which the taxon has its optimum: **0**

**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**

