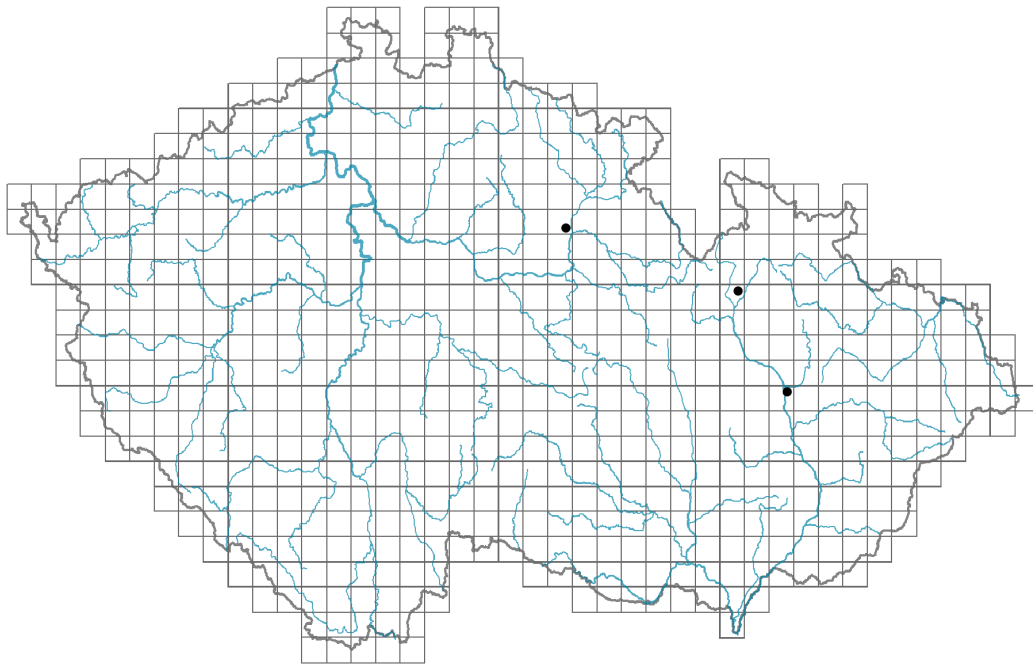


# Artemisia biennis

## 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**

Growth form: **annual herb**

Life form: **hemicryptophyte (therophyte)**

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

## Leaf

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

Leaf arrangement (phyllotaxis): **alternate**

Leaf shape: **simple - pinnately divided**

Stipules: **absent**

Petiole: **both present and absent**

Leaf life span: **overwintering green**

Leaf anatomy: **mesomorphic**

## Flower

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

Flower colour: **yellow**

Flower symmetry: **actinomorphic**

Perianth type: **calyx absent, corolla present**

Perianth fusion: **fused**



Shape of the sympetalous corolla or syntepalous perianth: **tubular**  
Inflorescence type: **panicula ex anthodiis composita**  
Dicliny: **gynomonoecious**  
Pollination syndrome: **wind-pollination**

### Fruit, seed and dispersal

Fruit type: **dry fruit - achene/cypsela/samara**  
Reproduction type: **only by seed/spores**  
Myrmecochory: **probably myrmecochorous**



### Belowground organs and clonality

Shoot life span (cyclicality): **dicyclic or polycyclic shoots prevailing**  
Primary root: **present**  
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): **3**  
Number of buds per shoot at a depth greater than 10 cm (root buds excluded): **0**  
Size of the belowground bud bank (root buds excluded): **8**  
Depth of the belowground bud bank (root buds excluded) [cm]: **2**  
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): **3**  
Number of buds per shoot at a depth greater than 10 cm (root buds included): **0**  
Size of the belowground bud bank (root buds included): **8**  
Depth of the belowground bud bank (root buds included) [cm]: **2**

### 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: **casual**  
Geographic origin: **North America**  
Year of the first record in the wild: **1960**  
Year of the last record: **1983**  
Period of introduction: **Recent Past (1950-2000)**  
Introduction pathway: **unintentional - anthropogenic**

### Habitat and sociology

Occurrence in habitats  
13 Anthropogenic vegetation  
13A Annual vegetation of ruderal habitats: **2 - optimum**  
13C Annual vegetation of trampled habitats: **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**

## Distribution and frequency

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

Floristic region: **Western America**

Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: 3

taxon.data.freq\_in\_quad: 3

Number of habitats with taxon occurrence in the Czech Republic

Number of narrow habitats in which the taxon occurs: **2**

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

Number of broad habitats in which the taxon occurs: **1**

Number of broad habitats in which the taxon has its optimum: **1**

## 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**