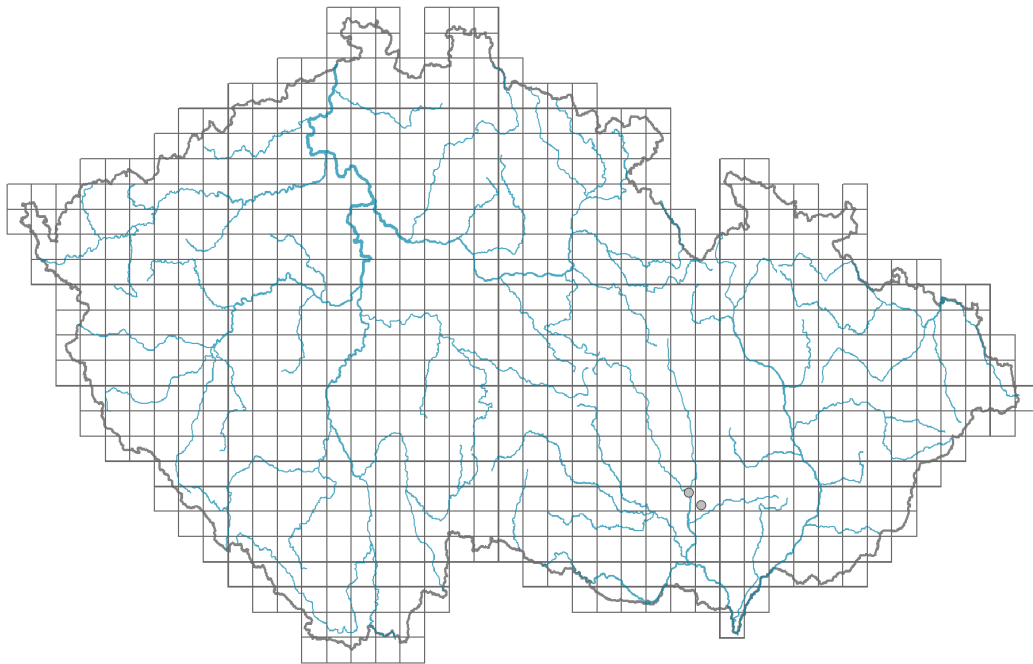


# *Carthamus lanatus*

## Distribution



© Vladimír Nejšpíleba

### 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

Life form: **therophyte**

Life strategy (Pierce method based on leaf traits): **S/CS**

Life strategy (Pierce method, C-score): **36.2 %**

Life strategy (Pierce method, S-score): **63.8 %**

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

## Leaf

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

Leaf arrangement (phyllotaxis): **alternate**

Leaf shape: **simple - pinnately divided**

Stipules: **absent**

Petiole: **absent**

## Flower

Flower colour: **yellow**

Flower symmetry: **actinomorphic**

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

Perianth fusion: **fused**

Shape of the sympetalous corolla or syntepalous perianth: **tubular**

Calyx fusion: **pappus**



© Vladimír Nejšpíleba



© Vladimír Nejšpíleba

Inflorescence type: **anthodium solitarium**  
Generative reproduction type: **facultative autogamy**

### Fruit, seed and dispersal

Fruit type: **dry fruit - achene/cypsela/samara**  
Fruit colour: **brown**  
Myrmecochory: **probably non-myrmecochorous**

### 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: **Mediterranean**  
Year of the first record in the wild: **1958**  
Year of the last record: **1973**  
Period of introduction: **Recent Past (1950-2000)**  
Introduction pathway: **unintentional - industry**

### 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**

### 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**



