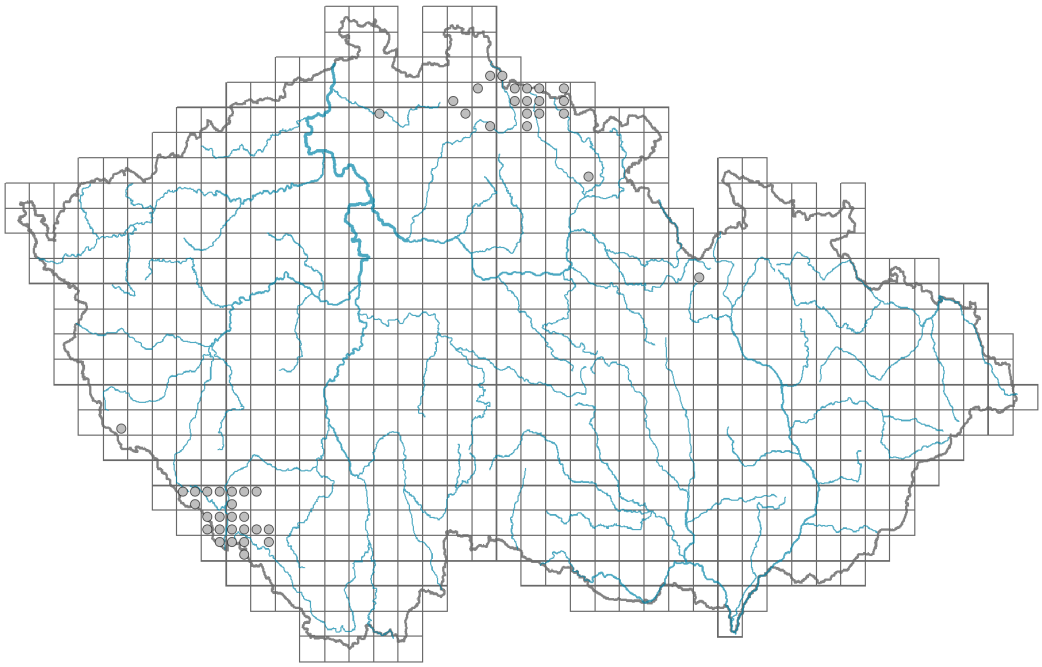
# *Alchemilla straminea*

## 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]: **0.1–0.3**
Growth form: **clonal herb**
Life form: **hemicryptophyte**
Life strategy: **CSR – competitor/stress-tolerator/ruderal**

### Leaf

Leaf presence and metamorphosis: **leaves present, not modified**
Leaf arrangement (phyllotaxis): **rosulate**
Leaf shape: **simple – palmately divided**
Stipules: **present**
Petiole: **present**
Leaf life span: **summer green**

### Flower

Flowering period [month]: **June–August**
Flower colour: **yellow-green**
Perianth type: **calyx present, corolla absent**
Calyx fusion: **hypanthium**
Inflorescence type: **racemus e cincinnis compositus**
Dicliny: **synoecious**

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Generative reproduction type: **obligate apomixis**

## Fruit, seed and dispersal

Fruit type: **dry fruit – achene/cypsela/samara**
Reproduction type: **by seed/spores and vegetatively**
Dispersal unit (diaspore): **fruit, infrutescence or its part**
Dispersal strategy: **Allium (mainly autochory)**
Myrmecochory: **non-myrmecochorous (b)**

## Belowground organs and clonality

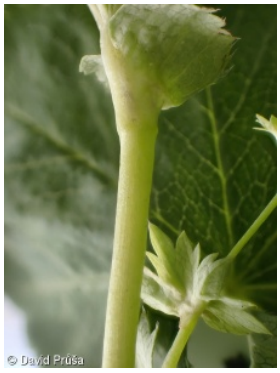
Shoot metamorphosis: **rhizome**
Storage organ: **rhizome**

## Trophic mode

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

## Karyology

Ploidy level (x): **6**
2C genome size [Mbp]: **3211.66**
1Cx monoploid genome size [Mbp]: **535.28**
Genomic GC content: **41.5 %**




## Taxon origin

Origin in the Czech Republic: **native**

## Habitat and sociology

### Occurrence in habitats

#### 2 Alpine and subalpine grasslands

2B Subalpine tall-forb and tall-grass vegetation: **2 – optimum**

#### 4 Wetland and riverine herbaceous vegetation

4G Tall-sedge beds: **1 – rare occurrence**
4K Petasites fringes of montane brooks: **1 – rare occurrence**

#### 5 Vegetation of springs and mires

5B Lowland to montane soft-water springs: **1 – rare occurrence**
5C Alpine and subalpine soft-water springs: **2 – optimum**
5D Calcareous fens: **1 – rare occurrence**
5E Acidic moss-rich fens and peatland meadows: **2 – optimum**
5F Transitional mires: **1 – rare occurrence**

#### 6 Meadows and mesic pastures

6B Montane mesic meadows: **1 – rare occurrence**
6C Pastures and park grasslands: **1 – rare occurrence**

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6E Wet Cirsium meadows: **2 – optimum**
6G Vegetation of wet disturbed soils: **1 – rare occurrence**

### 7 Acidophilous grasslands

7A Subalpine and montane acidophilous grasslands: **1 – rare occurrence**

### 11 Heathlands and scrub

11H Subalpine deciduous scrub: **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 zone: **southern temperate, submeridional**
Floristic region: **Europe**
Elevational belt in the Czech Republic: **colline belt, submontane belt, montane belt, subalpine belt**
Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: 25
taxon.data.freq_in_quad: 46

### Number of habitats with taxon occurrence in the Czech Republic

Number of narrow habitats in which the taxon occurs: **14**
Number of narrow habitats in which the taxon has its optimum: **4**
Number of broad habitats in which the taxon occurs: **6**
Number of broad habitats in which the taxon has its optimum: **3**

## Threats and protection

Red List 2017 (national categories): **C3 – vulnerable taxon**
Red List 2017 (IUCN categories): **NT – near threatened**
Legal protection: **not protected by law**

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