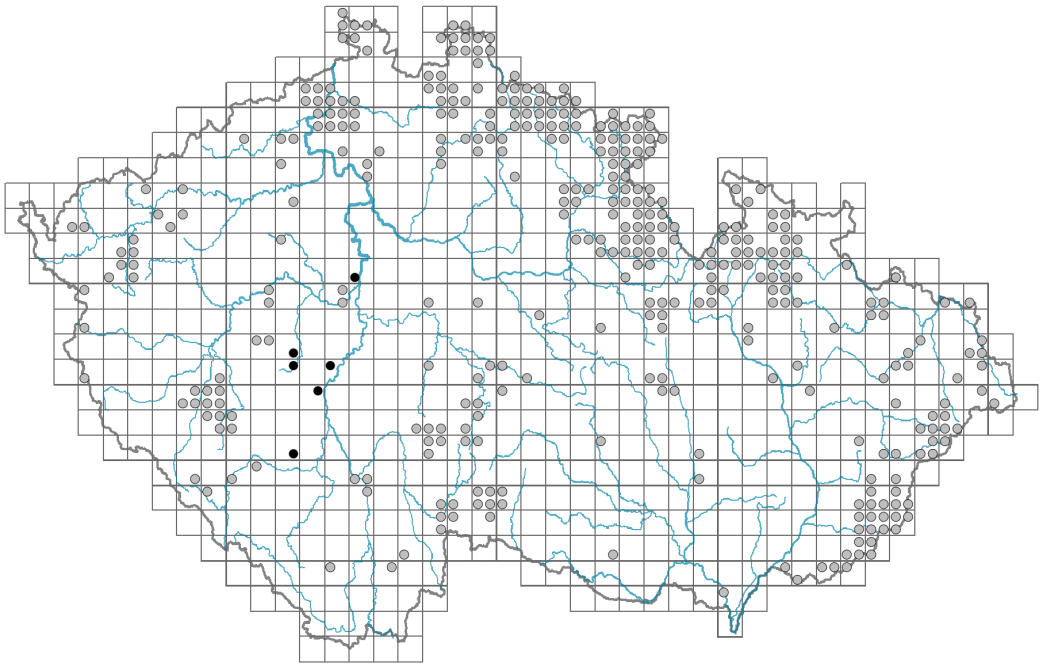
Cardamine amara subsp. *amara*

Distribution





Map info

revised records

unrevised records

On the map are not visualized records without the coordinates and records marked as incorrect or doubtful.





Leaf

Leaf presence and metamorphosis: **leaves present, not modified**
Leaf arrangement (phyllotaxis): **alternate**
Leaf shape: **compound – imparipinnate**
Stipules: **absent**
Petiole: **present**

Flower

Flower colour: **white**
Flower symmetry: **actinomorphic**
Perianth type: **calyx and corolla**
Perianth fusion: **free**
Calyx fusion: **aposepalous**
Inflorescence type: **racemus**

Fruit, seed and dispersal

Fruit type: **dry fruit – siliqua**
Dispersal unit (diaspore): **seed, shoot fragment**
Dispersal strategy: **Sparganium (mainly autochory and hydrochory)**
Myrmecochory: **non-myrmecochorous (b)**

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Trophic mode

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

Karyology

Chromosome number (2n): **16 (32)**
Ploidy level (x): **2 (4)**
2C genome size [Mbp]: **421.6**
1Cx monoploid genome size [Mbp]: **210.8**
Genomic GC content: **38.7 %**

Taxon origin

Origin in the Czech Republic: **native**

Ecological indicator values

Ellenberg-type indicator values

Light indicator value: **5 – semi-shade plant, only exceptionally occurring in full light, but usually at more than 10% of the diffuse radiation incident in an open area**
Temperature indicator value: **5 – moderate heat indicator, occurring from lowland to montane belt, mainly in submontane-temperate areas**
Moisture indicator value: **9 – wetness indicator, focus on often soaked, poorly aerated soils**
Reaction indicator value: **6 – transition between values 5 and 7**
Nutrient indicator value: **6 – transition between values 5 and 7**
Salinity indicator value: **0 – not salt tolerant, glycophyte**

Indicator values for disturbance

Whole-community disturbance frequency indicator value: **-1.38**
Herb layer disturbance frequency indicator value: **-0.6**
Whole-community disturbance severity indicator value: **0.27**
Herb layer disturbance severity indicator value: **0.26**
Whole-community structure based disturbance indicator value: **0.41**
Herb layer structure-based disturbance indicator value: **0.42**

Habitat and sociology

Occurrence in habitats

2 Alpine and subalpine grasslands

2B Subalpine tall-forb and tall-grass vegetation: **1 – rare occurrence**

3 Aquatic vegetation

3B Macrophytic vegetation of water streams: **1 – rare occurrence**

4 Wetland and riverine herbaceous vegetation

4A Reed-beds of eutrophic still waters: **1 – rare occurrence**
4C Eutrophic vegetation of muddy substrata: **1 – rare occurrence**

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4D Riverine reed vegetation: **1 – rare occurrence**
4E Reed vegetation of brooks: **2 – optimum**
4F Mesotrophic vegetation of muddy substrata: **1 – rare occurrence**
4G Tall-sedge beds: **1 – rare occurrence**
4H Vegetation of low annual hygrophilous herbs: **1 – rare occurrence**
4I Vegetation of nitrophilous annual hygrophilous herbs: **1 – rare occurrence**
4J River gravel banks: **1 – rare occurrence**
4K Petasites fringes of montane brooks: **2 – optimum**

5 Vegetation of springs and mires

5A Hard-water springs with tufa formation: **2 – optimum**
5B Lowland to montane soft-water springs: **3 – dominant**
5C Alpine and subalpine soft-water springs: **1 – rare occurrence**
5D Calcareous fens: **1 – rare occurrence**
5E Acidic moss-rich fens and peatland meadows: **1 – rare occurrence**
5F Transitional mires: **1 – rare occurrence**

6 Meadows and mesic pastures

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

11 Heathlands and scrub

11H Subalpine deciduous scrub: **1 – rare occurrence**
11I Willow carrs: **1 – rare occurrence**
11J Willow galleries of loamy and sandy river banks: **2 – optimum**

12 Forests

12A Alder carrs: **2 – optimum**
12B Alluvial forests: **2 – optimum**
12E Herb-rich beech forests: **1 – rare occurrence**
12G Acidophilous beech forests: **1 – rare occurrence**
12R Acidophilous spruce forests: **1 – rare occurrence**
12V Spruce plantations: **1 – rare occurrence**

13 Anthropogenic vegetation

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

Affinity to the forest environment

Affinity to the forest environment in Thermophyticum: **2.1 – taxon occurring both in the forest and open vegetation**
Affinity to the forest environment in Mesophyticum and Oreophyticum: **2.1 – taxon occurring both in the forest and open vegetation**

Diagnostic taxon

Diagnostic taxon of associations: **TDF06 *Chaerophyllo hirsuti-Calthetum palustris***

Constant taxon

Constant taxon of associations: **TDF06 *Chaerophyllo hirsuti-Calthetum palustris***

Dominant taxon

Dominant taxon of associations: **TDF06 *Chaerophyllo hirsuti-Calthetum palustris***

Ecological specialization indices

Ecological specialization index for all vegetation types: **4.4**
Ecological specialization index for non-forest vegetation: **4.2**
Ecological specialization index for forest vegetation: **5.4**

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Distribution and frequency

Elevational belt in the Czech Republic: **lowlands, colline belt, submontane belt, montane belt**
Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: 205
taxon.data.freq_in_quad: 370

Commonness in vegetation plots from the Czech Republic

Occurrence frequency in vegetation plots: **2.4 %**
Occurrence frequency in vegetation plots with a cover above 5%: **25.5 %**
Occurrence frequency in vegetation plots with a cover above 25%: **6.4 %**
Occurrence frequency in vegetation plots with a cover above 50%: **1.8 %**
Mean percentage cover in vegetation plots: **6.9 %**
Maximum percentage cover in vegetation plots: **88 %**

Number of habitats with taxon occurrence in the Czech Republic

Number of narrow habitats in which the taxon occurs: **30**
Number of narrow habitats in which the taxon has its optimum: **8**
Number of broad habitats in which the taxon occurs: **8**
Number of broad habitats in which the taxon has its optimum: **5**

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**

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