

Cardamine amara

Habitus and growth type

Plant height [m]: **0.3**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **43.95**

Flower

Flowering period: **April-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.32**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **2**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

Taxon origin

Origin in Europe: **Native**

Ecology

Environmental relationships

Substrate humidity relationship: **Wet**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Temperature indicator value: **4.5**

Moisture indicator value: **8.8**

Reaction indicator value: **6.1**

Nutrient indicator value: **4.7**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.54**

Disturbance frequency (herb layer): **1.44**

Disturbance severity: **0.52**

Disturbance severity (herb layer): **0.35**

Mowing frequency: **0.15**

Grazing pressure: **0.15**

Soil disturbance: **0.12**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: [P2N Spring](#), [T12 Alnus glutinosa-Alnus incana forest on riparian and mineral soils](#)

Constant species of EUNIS habitats: [P2N Spring](#), [T12 Alnus glutinosa-Alnus incana forest on riparian and mineral soils](#)

Dominant species of EUNIS habitats: [P2N Spring](#)

Broad habitat

Occurrence in broad habitats: **Spring, Wetland, Grassland (non-alpine, non-saline), Scrub, Forest, Sparsely vegetated (incl. rock and scree)**

Distribution

Continentality: **5**

Continentality amplitude: **4**