

# *Arctium lappa*

## Habitus and growth type

Plant height [m]: **1.43**

Life span: **Biennial or short-lived**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **17.43**

## Flower

Flowering period: **June-September**

## Fruit, seed and dispersal

Seed mass [mg]: **12.16**

Dispersal mode: **Epizoochory**

Dispersal distance class: **6**

## 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: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Hypertrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Moisture indicator value: **5.6**

Reaction indicator value: **6.9**

Nutrient indicator value: **8.9**

Salinity indicator value: **0.1**

### Disturbance indicator values

Disturbance frequency: **0.61**

Disturbance frequency (herb layer): **1.49**

Disturbance severity: **0.71**

Disturbance severity (herb layer): **0.56**

Mowing frequency: **0.41**

Grazing pressure: **0.17**

Soil disturbance: **0.28**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [QF \(ART\) Artemisietea vulgaris](#)

### Broad habitat

Occurrence in broad habitats: **Wetland, Scrub, Sparsely vegetated (incl. rock and scree), Synanthropic**

## **Distribution**

Continentality amplitude: 7