

# *Hackelia*

## Habitus and growth type

Plant height [m]: **0.4**

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

Life form: **Hemicryptophyte, Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **23.38**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **2.01**

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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.3**

Temperature indicator value: **4.2**

Moisture indicator value: **4.5**

Reaction indicator value: **7**

Nutrient indicator value: **7.6**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.77**

Disturbance frequency (herb layer): **1.55**

Disturbance severity: **0.65**

Disturbance severity (herb layer): **0.55**

Mowing frequency: **0.41**

Grazing pressure: **0.18**

Soil disturbance: **0.29**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [QB \(SIS\) \*Sisymbrietea\*](#), [QF \(ART\)](#)

[Artemisietea vulgaris](#)

### Broad habitat

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

## **Distribution**

Continentality: **7**

Continentality amplitude: **5**