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^2/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**

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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**

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