

# *Cirsium heterophyllum* aggr.

## Habitus and growth type

Plant height [m]: **0.65**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **24.87**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **1.89**

Dispersal mode: **Anemochory**

Dispersal distance class: **5**

## 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: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **6.9**

Temperature indicator value: **3.7**

Moisture indicator value: **7.4**

Reaction indicator value: **5.8**

Nutrient indicator value: **6**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.49**

Disturbance frequency (herb layer): **1.55**  
Disturbance severity: **0.58**  
Disturbance severity (herb layer): **0.37**  
Mowing frequency: **0.35**  
Grazing pressure: **0.18**  
Soil disturbance: **0.17**

## Habitat and sociology

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R23 Mountain hay meadow](#), [T3H Larix light taiga](#), [U25 Boreal and Arctic base-rich scree and block field](#)

Constant species of EUNIS habitats: [R23 Mountain hay meadow](#), [T3H Larix light taiga](#), [U25 Boreal and Arctic base-rich scree and block field](#)

### Broad habitat

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