

# *Ligularia sibirica*

## Habitus and growth type

Plant height [m]:

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **23.12**

## Fruit, seed and dispersal

Seed mass [mg]: **2.38**

Dispersal mode: **Myrmecochory**

Dispersal distance class: **3**

## 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**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.4**

Temperature indicator value: **4.1**

Moisture indicator value: **8.1**

Reaction indicator value: **6**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.66**

Disturbance frequency (herb layer): **1.54**

Disturbance severity: **0.44**

Disturbance severity (herb layer): **0.3**

Mowing frequency: **0.28**

Grazing pressure: **0.17**

Soil disturbance: **0.12**

## Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [PA \(SCH\) \*Scheuchzerio palustris\*-\*Caricetea fuscae\*](#)

Broad habitat

Occurrence in broad habitats: **Wetland, Mire, Grassland (non-alpine, non-saline)**