

# *Genista anglica*

## Habitus and growth type

Plant height [m]: **0.65**

Life span: **Perennial**

Life form: **Chamaephyte, Dwarf shrub**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **13.48**

## Fruit, seed and dispersal

Seed mass [mg]: **2.16**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **2**

## Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **symbiosis with rhizobia**

## Taxon origin

Origin in Europe: **native**

## Ecology

### Environmental relationships

Substrate humidity relationship: **Mesic**

Substrate reaction relationship: **Acidic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **6.3**

Moisture indicator value: **5.6**

Reaction indicator value: **2.8**

Nutrient indicator value: **1.8**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.22**

Disturbance frequency (herb layer): **1.65**

Disturbance severity: **0.43**

Disturbance severity (herb layer): **0.36**

Mowing frequency: **0.19**

Grazing pressure: **0.35**

Soil disturbance: **0.15**

## **Habitat and sociology**

Syntaxon

Diagnostic species of phytosociological classes: [CH \(ULI\) \*Calluno-Ulicetea\*](#)

Broad habitat

Occurrence in broad habitats: **Heathland**

## **Distribution**

Continentality: **2**

Continentality amplitude: **2**