# *Asperula hirta*

## Habitus and growth type

Life span: **Perennial**
Life form: **Hemicryptophyte**

## Fruit, seed and dispersal

Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **2**

## 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: **Oligotrophic**
Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.5**
Temperature indicator value: **2**
Moisture indicator value: **3.5**
Reaction indicator value: **7.5**
Nutrient indicator value: **1.5**
Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.33**
Disturbance frequency (herb layer): **1.33**
Disturbance severity: **0.33**
Disturbance severity (herb layer): **0.33**
Mowing frequency: **0.13**
Grazing pressure: **0.28**
Soil disturbance: **0.12**

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## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: **KC (ASP) *Asplenietea trichomanis***

### Broad habitat

Occurrence in broad habitats: **Sparsely vegetated (incl. rock and scree)**

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