

# *Gypsophila repens*

## Habitus and growth type

Plant height [m]: **0.15**

Life span: **Perennial**

Life form: **Chamaephyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **15.35**

## Flower

Flowering period: **June-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.74**

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

Dispersal distance class: **1, 7**

## 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: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.8**

Temperature indicator value: **3.3**

Moisture indicator value: **4.6**

Reaction indicator value: **8**

Nutrient indicator value: **1.8**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.97**

Disturbance frequency (herb layer): **1.37**  
Disturbance severity: **0.39**  
Disturbance severity (herb layer): **0.34**  
Mowing frequency: **0.08**  
Grazing pressure: **0.24**  
Soil disturbance: **0.14**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CU \(SES\) \*Elyno-Seslerietea\*](#), [FP \(ONO\) \*Festuco hystricis-Ononidetea striatae\*](#), [KE \(THL\) \*Thlaspietea rotundifolii\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [U71 Unvegetated or sparsely vegetated gravel bar in montane and alpine regions](#)

Constant species of EUNIS habitats: [U71 Unvegetated or sparsely vegetated gravel bar in montane and alpine regions](#)

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Sparsely vegetated (incl. rock and scree)**

## Distribution

Continentality: **5**  
Continentality amplitude: **3**