

# *Lappula squarrosa*

## Habitus and growth type

Plant height [m]: **0.31**

Life span: **Annual, Biennial or short-lived**

Life form: **Hemicryptophyte, Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **30.88**

## Flower

Flowering period: **May-September**

## Fruit, seed and dispersal

Seed mass [mg]: **1.16**

Dispersal mode: **Epizoochory**

Dispersal distance class: **6**

## 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: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **5.8**

Moisture indicator value: **3.6**

Reaction indicator value: **6.8**

Nutrient indicator value: **6.2**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.42**

Disturbance frequency (herb layer): **1.76**  
Disturbance severity: **0.67**  
Disturbance severity (herb layer): **0.65**  
Mowing frequency: **0.61**  
Grazing pressure: **0.22**  
Soil disturbance: **0.37**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [QF \(ART\) Artemisietea vulgaris](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [S68 Semi-desert sand dune with sparse scrub](#),  
[U2A Crimean base-rich scree](#)

Constant species of EUNIS habitats: [S68 Semi-desert sand dune with sparse scrub](#),  
[U2A Crimean base-rich scree](#)

### Broad habitat

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

## Distribution

Continentality: 7  
Continentality amplitude: 7