

# *Asperula aristata*

## Habitus and growth type

Plant height [m]: **0.35**

Life span: **Perennial**

Life form: **Chamaephyte, Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **6.48**

## Flower

Flowering period: **April-July**

## Fruit, seed and dispersal

Seed mass [mg]: **0.81**

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

Dispersal distance class: **1**

## 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: **8.7**

Temperature indicator value: **6.8**

Moisture indicator value: **2**

Reaction indicator value: **8**

Nutrient indicator value: **2**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.68**

Disturbance frequency (herb layer): **1.5**  
Disturbance severity: **0.47**  
Disturbance severity (herb layer): **0.32**  
Mowing frequency: **0.16**  
Grazing pressure: **0.31**  
Soil disturbance: **0.14**

## Habitat and sociology

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R19 Dry steppic submediterranean pasture of the Amphi-Adriatic region](#), [R45 Alpine and subalpine calcareous grassland of the Balkans and Apennines](#), [S34 Balkan-Anatolian submontane genistoid scrub](#)

Constant species of EUNIS habitats: [R14 Perennial rocky grassland of the Italian Peninsula](#), [R19 Dry steppic submediterranean pasture of the Amphi-Adriatic region](#), [R45 Alpine and subalpine calcareous grassland of the Balkans and Apennines](#), [S24 Subalpine genistoid scrub of the Amphi-Adriatic region](#), [S34 Balkan-Anatolian submontane genistoid scrub](#), [S61 Western basiphilous garrigue](#), [S73 Western Mediterranean mountain hedgehog-heath](#), [T39 Mediterranean and Balkan subalpine Pinus heldreichii-Pinus peuce forest](#)

### Broad habitat

Occurrence in broad habitats: **Coastal cliff, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Oromediterranean scrub, Scrub, Sparsely vegetated (incl. rock and scree)**