# *Asperula arvensis*

### Habitus and growth type

Plant height [m]: **0.28**
Life span: **Annual**
Life form: **Therophyte**

### Leaf

Specific leaf area [$mm^2$/mg]: **22.54**

### Flower

Flowering period: **March-June**

### Fruit, seed and dispersal

Seed mass [mg]: **6.12**
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: **Dry**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

#### Ellenberg-type indicator values

Light indicator value: **7.3**
Moisture indicator value: **3.9**
Reaction indicator value: **8.4**
Nutrient indicator value: **4.3**
Salinity indicator value: **0**

#### Disturbance indicator values

Disturbance frequency: **1.8**
Disturbance frequency (herb layer): **2.12**

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Disturbance severity: **0.82**
Disturbance severity (herb layer): **0.82**
Mowing frequency: **0.66**
Grazing pressure: **0.18**
Soil disturbance: **0.71**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: **QA (PAR) *Papaveretea rhoeadis***

### EUNIS habitat

Diagnostic species of EUNIS habitats: **T3D Mediterranean Cupressaceae forest**

### Broad habitat

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

## Distribution

Continentality amplitude: **6**

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