Matthiola fruticulosa

Habitus and growth type

Plant height [m]: **0.3**
Life span: **Perennial**
Life form: **Chamaephyte**

Leaf

Specific leaf area [mm^2/mg]: **9**

Flower

Flowering period: **February-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.6**
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: **9**
Moisture indicator value: **1.8**
Reaction indicator value: **7**
Nutrient indicator value: **1.3**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.11**
Disturbance frequency (herb layer): **1.69**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz

Disturbance severity: **0.47**
Disturbance severity (herb layer): **0.37**
Mowing frequency: **0.09**
Grazing pressure: **0.31**
Soil disturbance: **0.21**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **S65 Mediterranean gypsum scrub**, **U28 Western Mediterranean base-rich scree**
Constant species of EUNIS habitats: **S65 Mediterranean gypsum scrub**

Broad habitat

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

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz