Matthiola incana

Habitus and growth type

Plant height [m]: **0.47**
Life span: **Perennial**
Life form: **Chamaephyte**

Leaf

Specific leaf area [mm^2/mg]: **23.15**

Flower

Flowering period: **February-May**

Fruit, seed and dispersal

Seed mass [mg]: **1.79**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **2**

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**

Ellenberg-type indicator values

Light indicator value: **8.5**
Temperature indicator value: **9.5**
Moisture indicator value: **3.8**
Reaction indicator value: **7.3**
Salinity indicator value: **4.3**

Disturbance indicator values

Disturbance frequency: **0.67**
Disturbance frequency (herb layer): **0.86**
Disturbance severity: **0.46**

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Disturbance severity (herb layer): **0.35**
Mowing frequency: **0.14**
Grazing pressure: **0.19**
Soil disturbance: **0.16**

Habitat and sociology

Broad habitat

Occurrence in broad habitats: **Coastal cliff, Scrub, Sparsely vegetated (incl. rock and scree)**

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