

Matthiola incana

Habitus and growth type

Plant height [m]: **0.47**

Life span: **Perennial**

Life form: **Chamaephyte**

Leaf

Specific leaf area [mm²/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**

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)**