Matthiola fragrans

Habitus and growth type

Life span: **Perennial**
Life form: **Chamaephyte**

Fruit, seed and dispersal

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**

Ellenberg-type indicator values

Light indicator value: **8.5**
Temperature indicator value: **4.8**
Moisture indicator value: **2.8**

Disturbance indicator values

Disturbance frequency: **1.78**
Disturbance frequency (herb layer): **1.78**
Disturbance severity: **0.33**
Disturbance severity (herb layer): **0.33**
Mowing frequency: **0**
Grazing pressure: **0.26**
Soil disturbance: **0.22**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **DA (FES) *Festuco-Brometea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R15 Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops**
Constant species of EUNIS habitats: **R15 Continental dry rocky steppic grassland**

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and dwarf scrub on chalk outcrops

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline)**

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