

# *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](#)

**[and dwarf scrub on chalk outcrops](#)**

Broad habitat

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