Matthiola odoratissima

Habitus and growth type

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

Fruit, seed and dispersal

Seed mass [mg]: **1.55**
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: **6**
Moisture indicator value: **2.3**

Disturbance indicator values

Disturbance frequency: **1.89**
Disturbance frequency (herb layer): **1.89**
Disturbance severity: **0.6**
Disturbance severity (herb layer): **0.6**
Mowing frequency: **0.76**
Grazing pressure: **0.24**
Soil disturbance: **0.32**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **KH (DRY) *Drypidetea spinosae***

Broad habitat

Occurrence in broad habitats: **Sparsely vegetated (incl. rock and scree)**

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