

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)**