Matthiola tricuspidata

Habitus and growth type

Plant height [m]: **0.21**
Life span: **Annual**
Life form: **Therophyte**

Flower

Flowering period: **March-July**

Fruit, seed and dispersal

Seed mass [mg]: **0.49**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **1**

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: **Slightly acidic to near-neutral**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **9**
Temperature indicator value: **10.5**
Moisture indicator value: **3.5**
Reaction indicator value: **7**
Nutrient indicator value: **6.5**
Salinity indicator value: **3**

Disturbance indicator values

Disturbance frequency: **1.47**
Disturbance frequency (herb layer): **1.51**
Disturbance severity: **0.5**
Disturbance severity (herb layer): **0.5**

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Mowing frequency: **0.08**
Grazing pressure: **0.14**
Soil disturbance: **0.61**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **JC (CAK) *Cakiletea maritimae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **N22 Mediterranean and Black Sea coastal shingle beach**
Constant species of EUNIS habitats: **N22 Mediterranean and Black Sea coastal shingle beach**
Dominant species of EUNIS habitats: **N22 Mediterranean and Black Sea coastal shingle beach**

Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Sparsely vegetated (incl. rock and scree)**

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