

Malcolmia flexuosa

Habitus and growth type

Plant height [m]: **0.3**

Life span: **Annual**

Life form: **Therophyte**

Flower

Flowering period: **April-June**

Fruit, seed and dispersal

Seed mass [mg]: **0.26**

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: **Mesotrophic**

Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **8.2**

Temperature indicator value: **10.5**

Moisture indicator value: **2.5**

Reaction indicator value: **7**

Nutrient indicator value: **6**

Salinity indicator value: **3**

Disturbance indicator values

Disturbance frequency: **0.65**

Disturbance frequency (herb layer): **0.96**

Disturbance severity: **0.53**

Disturbance severity (herb layer): **0.39**

Mowing frequency: **0.12**

Grazing pressure: **0.2**

Soil disturbance: **0.2**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [FJ \(TRA\) *Stipo-Trachynietea distachyae*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [T25 *Phoenix theophrasti* vegetation](#)

Broad habitat

Occurrence in broad habitats: **Coastal cliff, Grassland (non-alpine, non-saline), Forest, Sparsely vegetated (incl. rock and scree)**