

Odontarrhena bertolonii

Habitus and growth type

Plant height [m]: **0.23**

Life span: **Perennial**

Life form: **Chamaephyte**

Flower

Flowering period: **April-June**

Fruit, seed and dispersal

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: **Alkaline**

Nutrient relationship: **Dystrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **7**

Moisture indicator value: **2**

Reaction indicator value: **8**

Nutrient indicator value: **1**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.01**

Disturbance frequency (herb layer): **1.45**

Disturbance severity: **0.37**

Disturbance severity (herb layer): **0.31**

Mowing frequency: **0.04**

Grazing pressure: **0.32**

Soil disturbance: **0.11**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: [**R14 Perennial rocky grassland of the Italian Peninsula**](#), [**U3B Mediterranean ultramafic inland cliff**](#)

Constant species of EUNIS habitats: [**R14 Perennial rocky grassland of the Italian Peninsula**](#), [**U3B Mediterranean ultramafic inland cliff**](#)

Broad habitat

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