Allium sphaerocephalon

Habitus and growth type

Plant height [m]: **0.46**
Life span: **Perennial**
Life form: **Geophyte**

Leaf

Specific leaf area [mm^2/mg]: **8.24**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **1.53**
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**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.7**
Moisture indicator value: **2.7**
Reaction indicator value: **7.9**
Nutrient indicator value: **2**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.01**
Disturbance frequency (herb layer): **1.72**

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Disturbance severity: **0.5**
Disturbance severity (herb layer): **0.42**
Mowing frequency: **0.31**
Grazing pressure: **0.35**
Soil disturbance: **0.22**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CK (SED) *Sedo-Scleranthetea*, DA (FES) *Festuco-Brometea*, FP (ONO) *Festuco hystricis-Ononidetea striatae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R14 Perennial rocky grassland of the Italian Peninsula**

Constant species of EUNIS habitats: **R14 Perennial rocky grassland of the Italian Peninsula, R18 Perennial rocky calcareous grassland of subatlantic-submediterranean Europe, R19 Dry steppic submediterranean pasture of the Amphi-Adriatic region, S34 Balkan-Anatolian submontane genistoid scrub**

Broad habitat

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

Distribution

Continentality: **6**
Continentality amplitude: **5**

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