

# *Salvia sclarea*

## Habitus and growth type

Plant height [m]: **0.81**

Life span: **Biennial or short-lived, Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **35.71**

## Flower

Flowering period: **May-July**

## Fruit, seed and dispersal

Seed mass [mg]: **2.4**

Dispersal mode: **Local non-specific dispersal, Anthropochory**

Dispersal distance class: **2, 7**

## 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: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **7.8**

Moisture indicator value: **3.8**

Reaction indicator value: **7.5**

Nutrient indicator value: **5.5**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.8**

Disturbance frequency (herb layer): **1.85**

Disturbance severity: **0.69**

Disturbance severity (herb layer): **0.58**

Mowing frequency: **0.63**

Grazing pressure: **0.23**

Soil disturbance: **0.29**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [DA \(FES\) Festuco-Brometea](#), [QF \(ART\) Artemisietea vulgaris](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [N1E Black Sea broad-leaved coastal dune forest](#)

### Broad habitat

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