

# *Asphodeline lutea*

## Habitus and growth type

Plant height [m]: **0.61**

Life span: **Perennial**

Life form: **Geophyte**

## Flower

Flowering period: **March-May**

## Fruit, seed and dispersal

Seed mass [mg]: **12.91**

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: **Slightly acidic to near-neutral**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **8.3**

Temperature indicator value: **6.1**

Moisture indicator value: **2.9**

Reaction indicator value: **6**

Nutrient indicator value: **4**

Salinity indicator value: **0.5**

### Disturbance indicator values

Disturbance frequency: **0.73**

Disturbance frequency (herb layer): **1.76**

Disturbance severity: **0.68**

Disturbance severity (herb layer): **0.47**

Mowing frequency: **0.24**

Grazing pressure: **0.35**

Soil disturbance: **0.24**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [DA \(FES\) Festuco-Brometea](#), [FB \(ROS\) Ononido-Rosmarinetea](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [S63 Eastern garrigue](#), [T25 Phoenix theophrasti vegetation](#)

### Broad habitat

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