

# *Euphorbia paralias*

## Habitus and growth type

Plant height [m]: **0.35**

Life span: **Perennial**

Life form: **Chamaephyte, Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **13.5**

## Flower

Flowering period: **March-August**

## Fruit, seed and dispersal

Seed mass [mg]: **5.8**

Dispersal mode: **Myrmecochory**

Dispersal distance class: **3**

## 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: **Mesotrophic**

Salinity relationship: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **9**

Temperature indicator value: **8.7**

Moisture indicator value: **4**

Reaction indicator value: **7.3**

Nutrient indicator value: **5.3**

Salinity indicator value: **3.8**

### Disturbance indicator values

Disturbance frequency: **1.96**

Disturbance frequency (herb layer): **2.08**

Disturbance severity: **0.42**

Disturbance severity (herb layer): **0.42**

Mowing frequency: **0.02**

Grazing pressure: **0.12**

Soil disturbance: **0.72**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [\*\*JD \(AMM\) \*Ammophiletea arundinaceae\*\*\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [\*\*N14 Mediterranean, Macaronesian and Black Sea shifting coastal dune\*\*](#)

Constant species of EUNIS habitats: [\*\*N13 Atlantic and Baltic shifting coastal dune, N14 Mediterranean, Macaronesian and Black Sea shifting coastal dune, N16 Mediterranean and Macaronesian coastal dune grassland \(grey dune\), N1C Macaronesian coastal dune scrub, N22 Mediterranean and Black Sea coastal shingle beach\*\*](#)

### Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Scrub**