

# *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: [N13 Atlantic and Baltic shifting coastal dune](#), [N14 Mediterranean, Macaronesian and Black Sea shifting coastal dune](#), [N1C Macaronesian coastal dune scrub](#)

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](#)

Dominant species of EUNIS habitats: [N1C Macaronesian coastal dune scrub](#)

### Broad habitat

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