

# *Euphorbia peplus*

## Habitus and growth type

Plant height [m]: **0.18**

Life span: **Annual**

Life form: **Therophyte**

Spinescence: **not spinescent**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **37.75**

## Flower

Flowering period: **January-December**

## Fruit, seed and dispersal

Seed mass [mg]: **0.55**

Dispersal mode: **Myrmecochory, Anthropochory**

Dispersal distance class: **3, 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: **6.9**

Temperature indicator value: **6.3**

Moisture indicator value: **3.9**

Reaction indicator value: **6.3**

Nutrient indicator value: **7.1**

Salinity indicator value: **0.1**

### Disturbance indicator values

Disturbance frequency: **0.95**  
Disturbance frequency (herb layer): **1.78**  
Disturbance severity: **0.78**  
Disturbance severity (herb layer): **0.68**  
Mowing frequency: **0.43**  
Grazing pressure: **0.25**  
Soil disturbance: **0.51**

### **Habitat and sociology**

EUNIS habitat

Diagnostic species of EUNIS habitats: [S63 Eastern garrigue](#), [S72 Eastern Mediterranean spiny heath \(phrygana\)](#)

Constant species of EUNIS habitats: [S63 Eastern garrigue](#), [S72 Eastern Mediterranean spiny heath \(phrygana\)](#)

Broad habitat

Occurrence in broad habitats: **Scrub, Synanthropic**

### **Distribution**

Continentality amplitude: **6**