

Euphorbia peplis

Habitus and growth type

Plant height [m]: **0.09**

Life span: **Annual**

Life form: **Therophyte**

Flower

Flowering period: **April-October**

Fruit, seed and dispersal

Seed mass [mg]: **2.84**

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: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Ellenberg-type indicator values

Light indicator value: **8.7**

Moisture indicator value: **5.2**

Reaction indicator value: **7.7**

Nutrient indicator value: **6.8**

Salinity indicator value: **4.5**

Disturbance indicator values

Disturbance frequency: **1.54**

Disturbance frequency (herb layer): **2.15**

Disturbance severity: **0.58**

Disturbance severity (herb layer): **0.56**

Mowing frequency: **0.06**

Grazing pressure: **0.12**

Soil disturbance: **0.76**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [JC \(CAK\) *Cakiletea maritimae*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [N12 Mediterranean and Black Sea sand beach](#), [N14 Mediterranean, Macaronesian and Black Sea shifting coastal dune](#)

Constant species of EUNIS habitats: [N12 Mediterranean and Black Sea sand beach](#)

Broad habitat

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