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**

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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**

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