Aphyllanthes monspeliensis

Habitus and growth type

Plant height [m]: **0.25**
Life span: **Perennial**
Life form: **Hemicryptophyte**
Spinescence: **not spinescent**

Leaf

Specific leaf area [mm^2/mg]: **6.96**

Flower

Flowering period: **March-May**

Fruit, seed and dispersal

Seed mass [mg]: **2.47**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **1**

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: **Slightly acidic to near-neutral**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8**
Temperature indicator value: **7.5**
Moisture indicator value: **3.7**
Reaction indicator value: **6.3**
Nutrient indicator value: **2.7**
Salinity indicator value: **0**

Disturbance indicator values

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Disturbance frequency: **0.39**
Disturbance frequency (herb layer): **1.51**
Disturbance severity: **0.63**
Disturbance severity (herb layer): **0.27**
Mowing frequency: **0.15**
Grazing pressure: **0.34**
Soil disturbance: **0.16**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **FB (ROS) *Ononido-Rosmarinetea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R18 Perennial rocky calcareous grassland of subatlantic-submediterranean Europe**, **S61 Western basiphilous garrigue**
Constant species of EUNIS habitats: **R18 Perennial rocky calcareous grassland of subatlantic-submediterranean Europe**, **R32 Mediterranean short moist grassland of lowlands**, **S52 Submediterranean pseudomaquis**, **S61 Western basiphilous garrigue**, **S73 Western Mediterranean mountain hedgehog-heath**, **T1A Mediterranean thermophilous deciduous forest**
Dominant species of EUNIS habitats: **R18 Perennial rocky calcareous grassland of subatlantic-submediterranean Europe**

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Oromediterranean scrub, Scrub, Forest, Sparsely vegetated (incl. rock and scree)**

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