Dorycnium pentaphyllum

Habitus and growth type

Plant height [m]: **0.37**
Life span: **Perennial**
Life form: **Chamaephyte, Hemicryptophyte**
Spinescence: **not spinescent**

Leaf

Leaf type (woody plants only): **Broad deciduous or semi-deciduous**
Leaf phenology (woody plants only): **Winter deciduous**
Specific leaf area [mm^2/mg]: **8.85**

Flower

Flowering period: **April-July**

Fruit, seed and dispersal

Seed mass [mg]: **2.16**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **2**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**
Carnivory: **non-carnivorous**
Symbiotic nitrogen fixation: **symbiosis with rhizobia**

Taxon origin

Origin in Europe: **native**

Ecology

Environmental relationships

Substrate reaction relationship: **Alkaline**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.6**
Reaction indicator value: **8.2**
Nutrient indicator value: **2.8**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.51**
Disturbance frequency (herb layer): **1.59**

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Disturbance severity: **0.56**
Disturbance severity (herb layer): **0.34**
Mowing frequency: **0.29**
Grazing pressure: **0.3**
Soil disturbance: **0.14**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **R17 Heavy-metal dry grassland of the Balkans**, **S61 Western basiphilous garrigue**

Constant species of EUNIS habitats: **R16 Perennial rocky grassland of Central and South-Eastern Europe**, **R17 Heavy-metal dry grassland of the Balkans**, **R18 Perennial rocky calcareous grassland of subatlantic-submediterranean Europe**, **R19 Dry steppic submediterranean pasture of the Amphi-Adriatic region**, **R32 Mediterranean short moist grassland of lowlands**, **S53 Spartium junceum scrub**, **S61 Western basiphilous garrigue**, **T1A Mediterranean thermophilous deciduous forest**, **T36 Temperate and submediterranean montane Pinus sylvestris-Pinus nigra forest**, **T3A Mediterranean lowland to submontane Pinus forest**, **U3A Temperate ultramafic inland cliff**

Broad habitat

Occurrence in broad habitats: **Coastal saltmarsh, Coastal cliff, Grassland (non-alpine, non-saline), Saline vegetation, Scrub, Forest, Sparsely vegetated (incl. rock and scree)**

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