Medicago falcata

Habitus and growth type

Plant height [m]: **0.42**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **18.4**

Flower

Flowering period: **March-July**

Fruit, seed and dispersal

Seed mass [mg]: **1.78**
Dispersal mode: **Local non-specific dispersal, Anthropochory**
Dispersal distance class: **2, 7**

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 humidity relationship: **Dry**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8**
Moisture indicator value: **4**
Reaction indicator value: **8.2**
Salinity indicator value: **0.2**

Disturbance indicator values

Disturbance frequency: **1.32**
Disturbance frequency (herb layer): **1.86**
Disturbance severity: **0.52**

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Disturbance severity (herb layer): **0.49**
Mowing frequency: **0.75**
Grazing pressure: **0.29**
Soil disturbance: **0.2**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **DA (FES) *Festuco-Brometea*, JD (AMM) *Ammophiletea arundinaceae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **N17 Black Sea coastal dune grassland (grey dune), R15 Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops, R1A Semi-dry perennial calcareous grassland (meadow steppe), R1B Continental dry grassland (true steppe), S36 Low steppic scrub**

Constant species of EUNIS habitats: **N17 Black Sea coastal dune grassland (grey dune), N35 Mediterranean and Black Sea soft sea cliff, R15 Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops, R1A Semi-dry perennial calcareous grassland (meadow steppe), R1B Continental dry grassland (true steppe), R51 Thermophilous forest fringe of base-rich soils, S36 Low steppic scrub**

Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Coastal cliff, Grassland (non-alpine, non-saline), Scrub, Synanthropic**

Distribution

Continentality amplitude: **8**

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