Trifolium arvense

Habitus and growth type

Plant height [m]: **0.22**
Life span: **Annual**
Life form: **Therophyte**

Leaf

Specific leaf area [mm^2/mg]: **18.04**

Flower

Flowering period: **March-June**

Fruit, seed and dispersal

Seed mass [mg]: **0.37**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **1**

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: **Acidic**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.2**
Temperature indicator value: **5.7**
Moisture indicator value: **2.9**
Nutrient indicator value: **2.1**
Salinity indicator value: **0.2**

Disturbance indicator values

Disturbance frequency: **1.32**
Disturbance frequency (herb layer): **1.97**
Disturbance severity: **0.54**

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Disturbance severity (herb layer): **0.51**
Mowing frequency: **0.59**
Grazing pressure: **0.3**
Soil disturbance: **0.35**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CJ (COR) *Koelerio-Corynephoretea canescentis*, CK (SED) *Sedo-Scleranthetea*, FI (TUB) *Helianthemetea guttati***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R12 Cryptogam- and annual-dominated vegetation on siliceous rock outcrops, R1P Oceanic to subcontinental inland sand grassland on dry acid and neutral soils, R1R Mediterranean to Atlantic open, dry, acid and neutral grassland, S34 Balkan-Anatolian submontane genistoid scrub**

Constant species of EUNIS habitats: **R12 Cryptogam- and annual-dominated vegetation on siliceous rock outcrops, R1B Continental dry grassland (true steppe), R1P Oceanic to subcontinental inland sand grassland on dry acid and neutral soils, R1R Mediterranean to Atlantic open, dry, acid and neutral grassland, S34 Balkan-Anatolian submontane genistoid scrub**

Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Grassland (non-alpine, non-saline), Scrub, Sparsely vegetated (incl. rock and scree)**

Distribution

Continentality amplitude: **6**

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