Trifolium pratense

Habitus and growth type

Plant height [m]: **0.45**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **23.49**

Flower

Flowering period: **January-December**

Fruit, seed and dispersal

Seed mass [mg]: **1.6**
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: **Mesic**
Substrate reaction relationship: **Slightly acidic to near-neutral**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.3**
Temperature indicator value: **4.3**
Reaction indicator value: **5.9**
Salinity indicator value: **0.1**

Disturbance indicator values

Disturbance frequency: **1.37**
Disturbance frequency (herb layer): **2.02**
Disturbance severity: **0.52**

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Disturbance severity (herb layer): **0.49**
Mowing frequency: **0.89**
Grazing pressure: **0.26**
Soil disturbance: **0.32**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **R21 Mesic permanent pasture of lowlands and mountains**, **R22 Low and medium altitude hay meadow**, **R23 Mountain hay meadow**, **R34 Submediterranean moist meadow**

Constant species of EUNIS habitats: **Q46 Carpathian travertine fen with halophytes**, **R1A Semi-dry perennial calcareous grassland (meadow steppe)**, **R21 Mesic permanent pasture of lowlands and mountains**, **R22 Low and medium altitude hay meadow**, **R23 Mountain hay meadow**, **R24 Iberian summer pasture (vallicar)**, **R31 Mediterranean tall humid inland grassland**, **R33 Mediterranean short moist grassland of mountains**, **R34 Submediterranean moist meadow**, **R35 Moist or wet mesotrophic to eutrophic hay meadow**, **R37 Temperate and boreal moist or wet oligotrophic grassland**, **U71 Unvegetated or sparsely vegetated gravel bar in montane and alpine regions**

Broad habitat

Occurrence in broad habitats: **Mire, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Scrub, Sparsely vegetated (incl. rock and scree)**

Distribution

Continentality amplitude: **7**

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