Trifolium repens

Habitus and growth type

Plant height [m]: **0.22**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **32.07**

Flower

Flowering period: **March-October**

Fruit, seed and dispersal

Seed mass [mg]: **0.65**
Dispersal mode: **Local non-specific dispersal, Anthropochory**
Dispersal distance class: **1, 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: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **7.7**
Reaction indicator value: **5.6**
Salinity indicator value: **0.7**

Disturbance indicator values

Disturbance frequency: **1.74**
Disturbance frequency (herb layer): **2.14**
Disturbance severity: **0.53**
Disturbance severity (herb layer): **0.52**

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Mowing frequency: **0.94**
Grazing pressure: **0.39**
Soil disturbance: **0.35**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **MA222 Atlantic upper saltmarsh**, **R21 Mesic permanent pasture of lowlands and mountains**, **R22 Low and medium altitude hay meadow**, **R34 Submediterranean moist meadow**, **R36 Moist or wet mesotrophic to eutrophic pasture**

Constant species of EUNIS habitats: **MA222 Atlantic upper saltmarsh**, **MA232 Baltic coastal meadow**, **N1H Atlantic and Baltic moist and wet dune slack**, **N34 Atlantic and Baltic soft sea cliff**, **R1K Balkan and Anatolian oromediterranean dry grassland**, **R21 Mesic permanent pasture of lowlands and mountains**, **R22 Low and medium altitude hay meadow**, **R23 Mountain hay meadow**, **R24 Iberian summer pasture (vallicar)**, **R33 Mediterranean short moist grassland of mountains**, **R34 Submediterranean moist meadow**, **R35 Moist or wet mesotrophic to eutrophic hay meadow**, **R36 Moist or wet mesotrophic to eutrophic pasture**, **R37 Temperate and boreal moist or wet oligotrophic grassland**, **U71 Unvegetated or sparsely vegetated gravel bar in montane and alpine regions**, **V11 Intensive unmixed crops**, **V12 Mixed crops of market gardens and horticulture**, **V13 Arable land with unmixed crops grown by low-intensity agricultural methods**, **V15 Bare tilled, fallow or recently abandoned arable land**, **V35 Trampled mesophilous grassland with annuals**

Dominant species of EUNIS habitats: **MA222 Atlantic upper saltmarsh**, **R21 Mesic permanent pasture of lowlands and mountains**

Broad habitat

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

Distribution

Continentality amplitude: **8**

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