Ranunculus repens

Habitus and growth type

Plant height [m]: **0.2**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **24.63**

Flower

Flowering period: **February-August**

Fruit, seed and dispersal

Seed mass [mg]: **2.34**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **1**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**
Carnivory: **non-carnivorous**
Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

Taxon origin

Origin in Europe: **Native**

Ecology

Environmental relationships

Substrate humidity relationship: **Wet**
Substrate reaction relationship: **Slightly acidic to near-neutral**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **6.3**
Temperature indicator value: **5**
Moisture indicator value: **7.3**
Reaction indicator value: **5.8**
Nutrient indicator value: **6.5**
Salinity indicator value: **0.7**

Disturbance indicator values

Disturbance frequency: **1.03**

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Disturbance frequency (herb layer): **1.81**
Disturbance severity: **0.54**
Disturbance severity (herb layer): **0.49**
Mowing frequency: **0.61**
Grazing pressure: **0.33**
Soil disturbance: **0.27**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CM (MOL) *Molinio-Arrhenatheretea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R21 Mesic permanent pasture of lowlands and mountains**, **R35 Moist or wet mesotrophic to eutrophic hay meadow**, **R36 Moist or wet mesotrophic to eutrophic pasture**, **T12 Alnus glutinosa-Alnus incana forest on riparian and mineral soils**

Constant species of EUNIS habitats: **N1H Atlantic and Baltic moist and wet dune slack**, **P2N Spring**, **Q52 Small-helophyte bed**, **Q53 Tall-sedge bed**, **Q54 Inland saline or brackish helophyte bed**, **Q61 Periodically exposed shore with stable, eutrophic sediments with pioneer or ephemeral vegetation**, **R21 Mesic permanent pasture of lowlands and mountains**, **R22 Low and medium altitude hay meadow**, **R34 Submediterranean moist meadow**, **R35 Moist or wet mesotrophic to eutrophic hay meadow**, **R36 Moist or wet mesotrophic to eutrophic pasture**, **R55 Lowland moist or wet tall-herb and fern fringe**, **S38 Temperate forest clearing scrub**, **S91 Temperate riparian scrub**, **T11 Temperate Salix and Populus riparian forest**, **T12 Alnus glutinosa-Alnus incana forest on riparian and mineral soils**, **T13 Temperate hardwood riparian forest**, **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**, **V39 Mesic perennial anthropogenic herbaceous vegetation**

Dominant species of EUNIS habitats: **R36 Moist or wet mesotrophic to eutrophic pasture**

Broad habitat

Occurrence in broad habitats: **Aquatic, Spring, Wetland, Grassland (non-alpine, non-saline), Saline vegetation, Scrub, Forest, Sparsely vegetated (incl. rock and scree), Synanthropic**

Distribution

Continentality amplitude: **7**

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