

# *Elytrigia repens* aggr.

## Habitus and growth type

Plant height [m]: **0.88**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **25.31**

## Flower

Flowering period: **April-July**

## Fruit, seed and dispersal

Seed mass [mg]: **3.77**

Dispersal mode: **Local non-specific dispersal, Anthropochory**

Dispersal distance class: **2, 7**

## 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: **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: **7.4**

Temperature indicator value: **5.4**

Moisture indicator value: **5**

Reaction indicator value: **6.2**

Nutrient indicator value: **7**

Salinity indicator value: **1**

### Disturbance indicator values

Disturbance frequency: **1.34**

Disturbance frequency (herb layer): **1.77**  
 Disturbance severity: **0.63**  
 Disturbance severity (herb layer): **0.6**  
 Mowing frequency: **0.67**  
 Grazing pressure: **0.24**  
 Soil disturbance: **0.4**

## Habitat and sociology

### EUNIS habitat

Diagnostic species of EUNIS habitats: [MA221 Atlantic saltmarsh driftline](#), [N1E Black Sea broad-leaved coastal dune forest](#), [R65 Continental subsaline alluvial pasture and meadow](#), [S68 Semi-desert sand dune with sparse scrub](#), [S94 Semi-desert riparian scrub](#), [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](#), [V38 Dry perennial anthropogenic herbaceous vegetation](#)

Constant species of EUNIS habitats: [MA221 Atlantic saltmarsh driftline](#), [MA222 Atlantic upper saltmarsh](#), [MA232 Baltic coastal meadow](#), [N1E Black Sea broad-leaved coastal dune forest](#), [N21 Atlantic, Baltic and Arctic coastal shingle beach](#), [N35 Mediterranean and Black Sea soft sea cliff](#), [R1B Continental dry grassland \(true steppe\)](#), [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](#), [R55 Lowland moist or wet tall-herb and fern fringe](#), [R57 Herbaceous forest clearing vegetation](#), [R62 Continental inland salt steppe](#), [R63 Temperate inland salt marsh](#), [R65 Continental subsaline alluvial pasture and meadow](#), [S32 Temperate Rubus scrub](#), [S35 Temperate and submediterranean thorn scrub](#), [S36 Low steppic scrub](#), [S68 Semi-desert sand dune with sparse scrub](#), [S94 Semi-desert riparian scrub](#), [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](#), [V37 Annual anthropogenic herbaceous vegetation](#), [V38 Dry perennial anthropogenic herbaceous vegetation](#), [V39 Mesic perennial anthropogenic herbaceous vegetation](#)

Dominant species of EUNIS habitats: [MA221 Atlantic saltmarsh driftline](#), [N1E Black Sea broad-leaved coastal dune forest](#), [V38 Dry perennial anthropogenic herbaceous vegetation](#)

### Broad habitat

Occurrence in broad habitats: **Coastal saltmarsh**, **Coastal beach, dune or shingle**, **Coastal cliff**, **Wetland**, **Grassland (non-alpine, non-saline)**, **Saline vegetation**, **Semi-desert**, **Scrub**, **Forest**, **Sparsely vegetated (incl. rock and scree)**, **Synanthropic**