

# *Nardus stricta*

## Habitus and growth type

Plant height [m]: **0.18**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **9.35**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.46**

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: **Mesic**

Substrate reaction relationship: **Acidic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **3.8**

Moisture indicator value: **5.8**

Reaction indicator value: **2.3**

Nutrient indicator value: **2.1**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.22**

Disturbance frequency (herb layer): **1.64**  
 Disturbance severity: **0.4**  
 Disturbance severity (herb layer): **0.36**  
 Mowing frequency: **0.3**  
 Grazing pressure: **0.29**  
 Soil disturbance: **0.18**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CH \(ULI\) \*Calluno-Ulicetea\*](#), [CI \(NAR\) \*Nardetea strictae\*](#), [CT \(TRI\) \*Juncetea trifidi\*](#), [FM \(PIL\) \*Saginetea piliferae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [Q23 Relict mire of Mediterranean mountains](#), [R1J Cyrno-Sardean oromediterranean siliceous dry grassland](#), [R1M Lowland to montane, dry to mesic grassland usually dominated by \*Nardus stricta\*](#), [R33 Mediterranean short moist grassland of mountains](#), [R43 Temperate acidophilous alpine grassland](#)

Constant species of EUNIS habitats: [Q12 Blanket bog](#), [Q22 Poor fen](#), [Q23 Relict mire of Mediterranean mountains](#), [Q24 Intermediate fen and soft-water spring mire](#), [R1G Iberian oromediterranean siliceous dry grassland](#), [R1J Cyrno-Sardean oromediterranean siliceous dry grassland](#), [R1K Balkan and Anatolian oromediterranean dry grassland](#), [R1M Lowland to montane, dry to mesic grassland usually dominated by \*Nardus stricta\*](#), [R1N Open Iberian supramediterranean dry acid and neutral grassland](#), [R23 Mountain hay meadow](#), [R24 Iberian summer pasture \(vallicar\)](#), [R33 Mediterranean short moist grassland of mountains](#), [R37 Temperate and boreal moist or wet oligotrophic grassland](#), [R42 Boreal and Arctic acidophilous alpine grassland](#), [R43 Temperate acidophilous alpine grassland](#), [S22 Alpine and subalpine ericoid heath](#), [S23 Alpine and subalpine \*Juniperus\* scrub](#), [S41 Wet heath](#), [S42 Dry heath](#)

Dominant species of EUNIS habitats: [R1K Balkan and Anatolian oromediterranean dry grassland](#), [R1M Lowland to montane, dry to mesic grassland usually dominated by \*Nardus stricta\*](#), [R1N Open Iberian supramediterranean dry acid and neutral grassland](#), [R23 Mountain hay meadow](#), [R33 Mediterranean short moist grassland of mountains](#), [R42 Boreal and Arctic acidophilous alpine grassland](#), [R43 Temperate acidophilous alpine grassland](#)

### Broad habitat

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

## Distribution

Continentality amplitude: **5**