

Hyparrhenia hirta

Habitus and growth type

Plant height [m]: **0.55**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **8.05**

Flower

Flowering period: **April-October**

Fruit, seed and dispersal

Seed mass [mg]: **0.94**

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

Dispersal distance class: **2**

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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.7**

Temperature indicator value: **10.3**

Moisture indicator value: **2.7**

Reaction indicator value: **7.7**

Nutrient indicator value: **3.7**

Salinity indicator value: **0.3**

Disturbance indicator values

Disturbance frequency: **0.65**

Disturbance frequency (herb layer): **1.43**
Disturbance severity: **0.69**
Disturbance severity (herb layer): **0.45**
Mowing frequency: **0.21**
Grazing pressure: **0.35**
Soil disturbance: **0.18**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **[FF \(LYG\) *Lygeo sparti-Stipetea tenacissimae*](#)**

EUNIS habitat

Diagnostic species of EUNIS habitats: **[R1E Mediterranean tall perennial dry grassland](#), [S54 Thermomediterranean arid scrub](#), [S64 Macaronesian garrigue](#), [S81 Canarian xerophytic scrub](#), [S82 Madeiran xerophytic scrub](#), [T26 Phoenix canariensis vegetation](#)**

Constant species of EUNIS habitats: **[R1E Mediterranean tall perennial dry grassland](#), [S54 Thermomediterranean arid scrub](#), [S63 Eastern garrigue](#), [S64 Macaronesian garrigue](#), [S72 Eastern Mediterranean spiny heath \(phrygana\)](#), [S81 Canarian xerophytic scrub](#), [S82 Madeiran xerophytic scrub](#), [T26 Phoenix canariensis vegetation](#), [T3E Macaronesian Juniperus forest](#)**

Dominant species of EUNIS habitats: **[R1E Mediterranean tall perennial dry grassland](#)**

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Forest, Sparsely vegetated (incl. rock and scree)**