Hyparrhenia hirta

Habitus and growth type

Plant height [m]: **0.55**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/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**

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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)**

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