Brachypodium retusum

Habitus and growth type

Plant height [m]: **0.3**
Life span: **Perennial**
Life form: **Hemicryptophyte**
Spinescence: **not spinescent**

Leaf

Specific leaf area [mm^2/mg]: **11.56**

Flower

Flowering period: **March-June**

Fruit, seed and dispersal

Seed mass [mg]: **3**
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: **8.3**
Moisture indicator value: **2.7**
Reaction indicator value: **7.3**
Nutrient indicator value: **2.3**
Salinity indicator value: **0.3**

Disturbance indicator values

Disturbance frequency: **0.33**

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Disturbance frequency (herb layer): **1.4**
Disturbance severity: **0.68**
Disturbance severity (herb layer): **0.3**
Mowing frequency: **0.08**
Grazing pressure: **0.31**
Soil disturbance: **0.14**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **FB (ROS) *Ononido-Rosmarinetea*, FF (LYG) *Lygeo sparti-Stipetea tenacissimae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R1E Mediterranean tall perennial dry grassland, S51 Mediterranean maquis and arborescent matorral, S54 Thermomediterranean arid scrub, S61 Western basiphilous garrigue, S63 Eastern garrigue, S65 Mediterranean gypsum scrub, S71 Western Mediterranean spiny heath, T24 Olea europaea-Ceratonia siliqua forest**

Constant species of EUNIS habitats: **N1G Mediterranean coniferous coastal dune forest, R18 Perennial rocky calcareous grassland of subatlantic-submediterranean Europe, R1E Mediterranean tall perennial dry grassland, S51 Mediterranean maquis and arborescent matorral, S54 Thermomediterranean arid scrub, S61 Western basiphilous garrigue, S62 Western acidophilous garrigue, S63 Eastern garrigue, S65 Mediterranean gypsum scrub, S71 Western Mediterranean spiny heath, S72 Eastern Mediterranean spiny heath (phrygana), S73 Western Mediterranean mountain hedgehog-heath, S74 Central Mediterranean mountain hedgehog-heath, T1A Mediterranean thermophilous deciduous forest, T21 Mediterranean evergreen Quercus forest, T24 Olea europaea-Ceratonia siliqua forest, T3A Mediterranean lowland to submontane Pinus forest, T3D Mediterranean Cupressaceae forest**

Dominant species of EUNIS habitats: **N1G Mediterranean coniferous coastal dune forest, R1E Mediterranean tall perennial dry grassland, S51 Mediterranean maquis and arborescent matorral, S54 Thermomediterranean arid scrub, S61 Western basiphilous garrigue, S63 Eastern garrigue, T24 Olea europaea-Ceratonia siliqua forest, T3A Mediterranean lowland to submontane Pinus forest**

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Oromediterranean scrub, Scrub, Forest**

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