

Brachypodium retusum

Habitus and growth type

Plant height [m]: **0.3**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Spinescence: **not spinescent**

Leaf

Specific leaf area [mm²/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**

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**