

Brachypodium sylvaticum

Habitus and growth type

Plant height [m]: **0.7**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **39.93**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **3.75**

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: **Mesic**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Moisture indicator value: **5.4**

Reaction indicator value: **6.4**

Nutrient indicator value: **5.6**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.09**

Disturbance frequency (herb layer): **1.34**

Disturbance severity: **0.68**

Disturbance severity (herb layer): **0.19**

Mowing frequency: **0.03**

Grazing pressure: **0.2**

Soil disturbance: **0.11**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CA \(FAG\) *Carpino-Fagetea sylvaticae*](#), [CB \(PUB\) *Quercetea pubescentis*](#), [GJ \(TOL\) *Tolpido azoricae-Holcetea rigidi*](#), [HA \(POP\) *Alno glutinosae-Populetea albae*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [T14 Mediterranean and Macaronesian riparian forest](#), [T1E *Carpinus* and *Quercus* mesic deciduous forest](#), [T1G *Alnus cordata* forest](#)

Constant species of EUNIS habitats: [N1G Mediterranean coniferous coastal dune forest](#), [S37 *Corylus avellana* scrub](#), [S38 Temperate forest clearing scrub](#), [T11 Temperate *Salix* and *Populus* riparian forest](#), [T12 *Alnus glutinosa*-*Alnus incana* forest on riparian and mineral soils](#), [T13 Temperate hardwood riparian forest](#), [T14 Mediterranean and Macaronesian riparian forest](#), [T17 *Fagus* forest on non-acid soils](#), [T19 Temperate and submediterranean thermophilous deciduous forest](#), [T1A Mediterranean thermophilous deciduous forest](#), [T1D Southern European mountain *Betula* and *Populus tremula* forest on mineral soils](#), [T1E *Carpinus* and *Quercus* mesic deciduous forest](#), [T1F Ravine forest](#), [T1G *Alnus cordata* forest](#), [T1H Broadleaved deciduous plantation of non site-native trees](#), [T21 Mediterranean evergreen *Quercus* forest](#), [T22 Mainland laurophyllous forest](#), [T23 Macaronesian laurophyllous forest](#), [T28 Macaronesian heathy forest](#), [T33 Mediterranean mountain *Abies* forest](#), [T37 Mediterranean montane *Pinus sylvestris*-*Pinus nigra* forest](#), [T39 Mediterranean and Balkan subalpine *Pinus heldreichii*-*Pinus peuce* forest](#), [T3C *Taxus baccata* forest](#)

Dominant species of EUNIS habitats: [T1G *Alnus cordata* forest](#), [T39 Mediterranean and Balkan subalpine *Pinus heldreichii*-*Pinus peuce* forest](#)

Broad habitat

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

Distribution

Continentality amplitude: 5