# *Brachypodium sylvaticum*

## Habitus and growth type

Plant height [m]: **0.7**
Life span: **Perennial**
Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [$mm^2$/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**

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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**

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