

# *Brachypodium sylvaticum*

## Habitus and growth type

Plant height [m]: **0.7**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/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: [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](#)

### Broad habitat

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

## Distribution

Continentality amplitude: **5**