

Bidens frondosa

Habitus and growth type

Plant height [m]: **0.78**

Life span: **Annual**

Life form: **Therophyte**

Leaf

Specific leaf area [mm²/mg]: **31.44**

Flower

Flowering period: **June-October**

Fruit, seed and dispersal

Seed mass [mg]: **8.66**

Dispersal mode: **Local non-specific dispersal, Anthropochory**

Dispersal distance class: **2, 7**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

Taxon origin

Origin in Europe: **Neophyte**

Ecology

Environmental relationships

Substrate humidity relationship: **Wet**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.2**

Temperature indicator value: **6.4**

Moisture indicator value: **8.4**

Reaction indicator value: **7**

Nutrient indicator value: **7.8**

Salinity indicator value: **0.2**

Disturbance indicator values

Disturbance frequency: **0.97**

Disturbance frequency (herb layer): **1.6**
Disturbance severity: **0.57**
Disturbance severity (herb layer): **0.51**
Mowing frequency: **0.23**
Grazing pressure: **0.16**
Soil disturbance: **0.24**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [QI \(BID\) *Bidentetea*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [Q61 Periodically exposed shore with stable, eutrophic sediments with pioneer or ephemeral vegetation](#)

Constant species of EUNIS habitats: [Q61 Periodically exposed shore with stable, eutrophic sediments with pioneer or ephemeral vegetation](#)

Broad habitat

Occurrence in broad habitats: **Wetland, Scrub, Sparsely vegetated (incl. rock and scree)**

Distribution

Continentality: **6**
Continentality amplitude: **5**