Bidens radiata

Habitus and growth type

Plant height [m]: **0.66**
Life span: **Annual**
Life form: **Therophyte**

Leaf

Specific leaf area [mm^2/mg]: **32.56**

Flower

Flowering period: **July-October**

Fruit, seed and dispersal

Seed mass [mg]: **1.84**
Dispersal mode: **Epizoochory**
Dispersal distance class: **6**

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: **Wet**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8**
Temperature indicator value: **5.9**
Moisture indicator value: **8.5**
Reaction indicator value: **6.3**
Nutrient indicator value: **8**
Salinity indicator value: **0.3**

Disturbance indicator values

Disturbance frequency: **1.89**

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Disturbance frequency (herb layer): **1.91**
Disturbance severity: **0.75**
Disturbance severity (herb layer): **0.75**
Mowing frequency: **0.04**
Grazing pressure: **0.19**
Soil disturbance: **0.35**

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**, **Q62 Periodically exposed shore with stable, mesotrophic 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: **Aquatic, Wetland, Scrub, Sparsely vegetated (incl. rock and scree)**

Distribution

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

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