

Bidens radiata

Habitus and growth type

Plant height [m]: **0.66**

Life span: **Annual**

Life form: **Therophyte**

Leaf

Specific leaf area [mm²/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**

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**