

# *Bidens cernua*

## Habitus and growth type

Plant height [m]: **0.5**

Life span: **Annual**

Life form: **Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **29.01**

## Flower

Flowering period: **June-September**

## Fruit, seed and dispersal

Seed mass [mg]: **1.02**

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: **Hypertrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.9**

Temperature indicator value: **5.7**

Moisture indicator value: **8.6**

Reaction indicator value: **6.7**

Nutrient indicator value: **8.3**

Salinity indicator value: **0.2**

### Disturbance indicator values

Disturbance frequency: **1.59**

Disturbance frequency (herb layer): **1.8**

Disturbance severity: **0.49**

Disturbance severity (herb layer): **0.48**

Mowing frequency: **0.23**

Grazing pressure: **0.26**

Soil disturbance: **0.18**

## Habitat and sociology

### Syntaxon

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

### 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](#)

Dominant 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 amplitude: **6**