

1. Plants submerged aquatics with 2 dissimilar kinds of leaves, the submerged portion with the leaves repeatedly dichotomously dissected into narrowly linear (threadlike) segments, grading abruptly into the emergent leaves, which are unlobed; fruits more or less circular in cross-section; pappus 1330 mm long ... 3. **B. BECKII** *Bidens beckii*
1. Plants terrestrial or less commonly emergent aquatics (occasionally epiphytic), the leaves all unlobed or more or less similar in lobing or dissection; fruits flattened or 4-angled in cross-section; pappus absent or more commonly 28 mm long
2. Ray florets present, the corolla white ... 1. **B. ALBA** *Bidens alba* var. *radiata*
2. Ray florets absent or, if present, then the corolla yellow
3. Leaf blades all unlobed or, if lobed or divided, then at most with 35 divisions, none of the divisions of the lobed leaves stalked at the base
4. Outer series of involucre bracts loosely ascending to spreading; heads not nodding at fruiting; heads discoid or less commonly radiate, when ray florets are present then 15, the corollas 38 mm long ... 10. **B. TRIPARTITA** *Bidens tripartita*
4. Outer series of involucre bracts spreading or more commonly reflexed; heads usually nodding at fruiting; heads radiate or rarely discoid, when ray florets are present then 68, the corollas (2)1030 mm long
5. Chaffy bracts straw-colored to yellowish-tinged at the tip; ray florets (when present) with the corolla (2)1015 mm long; angles of the fruit pale and somewhat thickened or sometimes narrowly winged ... 5. **B. CERNUA** *Bidens cernua*
5. Chaffy bracts reddish brown to orangish brown at the tip; ray florets (when present) with the corolla (10)1530 mm long; angles of the fruit not paler than the body, not thickened or winged ... 8. **B. LAEVIS** *Bidens laevis*
3. At least some of the leaves with the blades 13 times pinnately or ternately lobed, divided, or compound, the divisions or leaflets more than 5 or, if only 3, then at least the central segment or leaflet usually tapered to a stalked base
6. Heads radiate, the ray florets 58, showy, the corollas 1025 mm long
7. Fruits mostly 1.52.5 times as long as wide, wedge-shaped to obovate in outline; disc florets with the corolla 2.03.5 mm long ... 2. **B. ARISTOSA** *Bidens aristosa*
7. Fruits mostly 2.55.0 times as long as wide, narrowly wedge-shaped to oblong-oblancheolate or nearly linear in outline; disc florets with the corolla 35 mm long ... 9. **B. TRICHOSPERMA** *Bidens trichosperma*
6. Heads discoid or less commonly radiate, when ray florets are present then 15, inconspicuous, the corollas 24 mm long
8. All except sometimes the uppermost leaves with the blades 2 or 3 times pinnately lobed, divided, and/or compound into 7 to numerous ultimate lobes or segments; fruits linear in outline, strongly 4-angled (more or less square in cross-section) ... 4. **B. BIPINNATA** *Bidens bipinnata*
8. All of the leaves with the blades 1 time ternately or pinnately divided or compound into 3 or 5 divisions or leaflets; fruits wedge-shaped to narrowly oblong-obovate in outline, flattened, often slightly 3- or 4-angled (1 or both faces sometimes with a broad, low longitudinal angle or ridge)
9. Involucre bracts of the outer series 35, the margins glabrous; disc florets 1020, the corolla 1.52.0 mm long; pappus rarely absent, usually of 2 awns 0.52.0 mm long; fruits 36 mm long ... 6. **B. DISCOIDEA** *Bidens discoidea*
9. Involucre bracts of the outer series 521, the margins with spreading hairs, at least toward the base; disc florets 20100(150), the corolla 2.54.0 mm long; pappus of 2 awns 27 mm long; fruits 512 mm long
10. Involucre bracts of the outer series mostly 58 ... 7. **B. FRONDOSA** *Bidens frondosa*
10. Involucre bracts of the outer series mostly 1021 ... 11. **B. VULGATA** *Bidens vulgata*