

CILIATE-LEAF TICKSEED

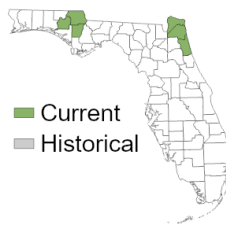
Coreopsis integrifolia Poir.

Synonyms: none

Family: Asteraceae (composite)

FNAI Ranks: G2/S2

Legal Status: US-none; FL-Endangered



Bruce A. Sorrie

Field Description: Perennial **herb**, sometimes forming extensive colonies. **Stems** 40 - 71 cm tall, hairy, with few branches, each topped by a flower head. **Leaves** 2.5 - 7.6 cm long and 1.3 - 3.8 cm wide, opposite, elliptic to ovate, slightly hairy, with entire margins and hairy leaf stalks. **Flower heads** with two series of bracts underneath: outer bracts short, narrow, oblong; inner bracts much longer and broadly triangular. **Ray flowers** usually 8, yellow, with 3 deeply cut lobes at the tip; **disk flowers** purple. **Fruits** flattened, with scalloped wings.

Similar Species: Star tickseed (*Coreopsis pubescens*) has yellow, 5-lobed disk flowers and 4 - 5 lobes at the tips of its ray flowers. Leavenworth's tickseed (*Coreopsis leavenworthii*) has narrow, sometimes divided or compound leaves. Texas tickseed (*Coreopsis linifolia*) leaves are alternate near the base of the stem, opposite above, and are narrow and fleshy. Beggarticks (*Bidens* spp.) have two types of bracts beneath the heads, 8 ray flowers, and opposite leaves, but their ray flowers are not deeply lobed at the tip, and their leaves either lack leaf stalks or are lobed or divided.

Related Rare Species: None

Habitat: Limestone-based soils of floodplain forests and riverbanks.

Best Survey Season: Fall; August - November.

Range-wide Distribution: Chipola River drainage in the FL Panhandle, NE FL, SC, GA.

Conservation Status: All populations in FL are on private lands with no conservation protection.

Protection and Management: Avoid placing dams in streams that support this species; avoid clearcutting in bottomlands; avoid mowing that is too frequent/aggressive and avoid mowing during the flowering/fruitletting period.

References: Coile 2000, Godfrey and Wooten 1981, Smith 1976, Tobe et al. 1998, Wunderlin 1998, Wunderlin and Hansen 2000a.

