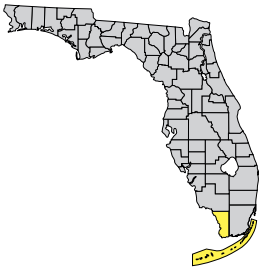
CAPE SABLE THOROUGHWORT

Eupatorium frustratum B.L. Robinson
Synonyms: *Osmia frustrata* (B.L.Rob.) Small
Chromolaena frustrata (B.L.Rob.) King & H.Rob.
Family: Asteraceae (composite)
FNAI Ranks: G1/S1
Legal Status: US–none FL–Endangered
Wetland Status: US–UPL FL–UPL



Gil Nelson

Field Description: Erect **herb** 8 - 40 inches tall, with 1 to several hairy **stems**. **Leaves** 0.6 - 1.6 inches long, aromatic, opposite, slightly toothed, hairy, oval to lance-shaped, with 3 conspicuous veins and short but definite leaf stalks. **Flower heads** on long stalks at ends of branches; **bracts** surrounding each head in several series, all bracts similar in appearance and forming an **involucre** 0.2 - 0.3 inches tall. **Disk flowers** 20 - 25 per head, blue or lavender, no ray flowers.

Similar Species: Jack-in-the-bush (*Eupatorium odoratum*, synonym: *Chromolaena odorata*) has leaves 1.5 - 4 inches long and involucres 0.3 - 0.4 inches tall.

Related Rare Species: Florida keys thoroughwort (*Eupatorium villosum*, synonym: *Koanophyllum villosum*), state-endangered, is a shrub to 6 feet tall, densely hairy throughout, with small, opposite, 3-veined leaves and flower heads in loose clusters at ends of branches. Flowers white.

Cape Sable thoroughwort *Eupatorium frustratum*

Habitat: Cape Sable thoroughwort: coastal rock barrens and berms, sunny edges of rockland hammock. Florida Keys thoroughwort: pine rocklands, rockland hammocks.

Best Survey Season: Both species flower all year.

Range-wide Distribution: Cape Sable thoroughwort: endemic to south FL. Florida keys thoroughwort: south FL, West Indies.

Conservation Status: Cape Sable thoroughwort: Only 4 or 5 protected occurrences are known. Florida keys thoroughwort: About 25 populations are known, most on conservation areas.

Protection & Management: Acquire populations on private lands and manage for conservation. Control exotic pest plants.

References: Coile 2000, Cronquist 1980, IRC 1999, Wunderlin 1998, Wunderlin and Hansen 2000a.