

Swamp Metalmark *Calephelis mutica*

Habitat Preference: Fens or herbaceous wetlands

Threats:

- Draining habitat for agricultural use and urban development
- Flooding habitat for recreational use
- Use of pesticides
- Collection

Habitat Improvement Guidelines:

- Break or remove tile whenever possible to restore natural hydrology
- Cease artificially flooding areas known to harbor swamp metalmark
- Limit pesticide use in areas known to harbor swamp metalmark
- Cease collection

