

## SUMMARY REPORT

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**Topic:** Permitting Guidelines and Ranges for Florida’s Imperiled Species & the Gopher Tortoise

**TOP-LINES:**

- ✚ The species for which FWC guidelines are not currently available:
  - **Threatened:** Marian’s Marsh wren, Scott’s seaside sparrow, Wakulla seaside sparrow, Worthington’s Marsh wren, Key silverside (fish).
  - **Delisted:** Brown Pelican and Limpkin.

**TABLES:**

- ✚ **Table 1:** overview of taxonomy, status, and count of species included in Florida’s Imperiled Species Management Plan, as of the 2018 amendment.
- ✚ **Table 2:** species represented in Table 1 without FWC permitting guidelines currently available.
- ✚ **Table 3:** species represented in Table 1 for which FWC permitting guidelines are available.
- ✚ **Table 4:** FWC permitting guidelines (effective April 2023) and range description of the Gopher Tortoise.

**RESOURCES:**




- ✚ FWC Species Conservation Measures and Permitting Guidelines, accessible [here](#).
  - ✚ FWC Species Action Plans, accessible [here](#).
  - ✚ Florida’s Imperiled Species Management Plan (2016-2026), accessible [here](#).
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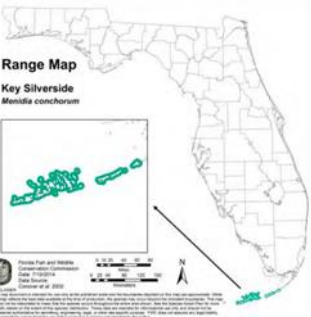
**Table 1**

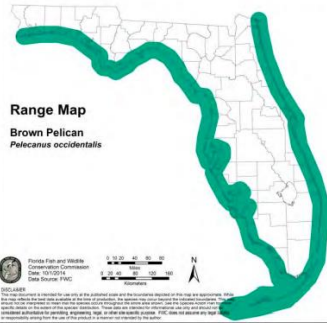

*\*Pulled from Table 1 of Florida’s Imperiled Species Management Plan, 2016-2026*

Species are color coded by taxa:	Mammals	Birds	Reptiles	Amphibians	Fish	Invertebrates	Total
<b>Threatened (T)</b>	4	16	8	2	6	2	38
<b>Delisted since ‘16 (DL)</b>	4	5	6	2	3	1	21
Full table accessible on pdf page 19, document page 4 of the ISMP.							

**Table 2**  
*Species with no Permitting Guidelines*

2018 Status	Taxa	Common Name	Permitting Guidelines Developed	Range Map	Range Notes <i>*Pulled from Species Action Plans</i>
		Marian's marsh wren	N.	 <p>Range Map Marian's Marsh Wren <i>Catoborus palustris marianae</i></p>	<p>The range of the Marian's marsh wren extends into coastal Alabama. Land cover information indicated 566.0-701.0 km<sup>2</sup> (218.5-270.7 mi<sup>2</sup>) of saltmarsh habitat. Its population exists in less than 5 locations that are prone to the effects of human activities. Based on surveys from 1979, there were an estimated 2-3k breeding pairs along the Gulf coast from Pasco to Escambia County, FL. Species Action Plan accessible <a href="#">here</a>.</p>
		Scott's seaside sparrow	N.	 <p>Range Map Scott's Seaside Sparrow <i>Ammodramus maritimus peninsulae</i></p>	<p>Land cover information indicated 376.2 km<sup>2</sup> (145.3 mi<sup>2</sup>) of potential saltmarsh habitat within this range (WMD, photography dates 1999-2008). There was evidence of range contraction at the southernmost extent of the subspecies' range. Species Action Plan accessible <a href="#">here</a>.</p>
		Wakulla seaside sparrow	N.	 <p>Range Map Wakulla Seaside Sparrow <i>Ammodramus maritimus junicola</i></p>	<p>The historic range of the Wakulla seaside sparrow appears to be along the Gulf coast from Taylor County to Bay County, FL. Land cover information indicated 191.3 to 275.2 km<sup>2</sup> (73.9 to 106.3 mi<sup>2</sup>) of potential saltmarsh habitat within its range. There was evidence of range contraction and</p>

				fluctuation of populations at the westernmost extent of the subspecies' range. Species Action Plan accessible <a href="#">here</a> .
		Worthington's marsh wren	N.	 <p>Land cover information indicated 200.1 to 330.3 km<sup>2</sup> (77.3 to 127.5 mi<sup>2</sup>) of potential saltmarsh habitat within this range. A range contraction from Volusia County to the St. Johns River represents an estimated 40% decrease in the extent of occurrence. The range of this subspecies extends into coastal South Carolina. Species Action Plan accessible <a href="#">here</a>.</p>
		Key Silverside	N.	 <p>The Key silverside is endemic to the lower and middle Florida Keys. However, the presence of Key silverside in available habitats is sporadic. One study has hypothesized that the Key silverside also occurs at other sites in the Keys that are not accessible by road or easily sampled. The total number of Key silversides in Florida is unknown. The fish seem to be abundant in the limited area where they occur, though local population numbers fluctuate. Species Action Plan accessible <a href="#">here</a>.</p>

		Brown pelican	N.		<p>The brown pelican is found along both coasts of Florida and has been documented at a few inland locations near bodies of water where prey is available. The species prefers coastal and nearshore waters, estuaries, and bays. Breeding distribution shifts have been well documented within Florida; some local populations have decreased, while neighboring states have observed increases. Species Action Plan accessible <a href="#">here</a>.</p>
		Limpkin	N.		<p>The limpkin occurs throughout the warm temperate, subtropical, and tropical regions of the Americas including southern Georgia, Florida (as far west and north as Gulf County), southern Mexico, the West Indies, Central America, and South America to northern Argentina. In Florida, the distribution of apple snails is the best predictor of where limpkins can be found. Species Action Plan accessible <a href="#">here</a>.</p>

**Table 3**  
*Species for which Permitting Guidelines are Available*

2018 Status	Taxa	Common Name	Permitting Guidelines Developed
		Big Cypress fox squirrel	Y. Accessible <a href="#">here</a> . Approved 2018.
		Everglades mink	Y. Accessible <a href="#">here</a> . Approved 2016.
		Sanibel Island rice rat	Y. Accessible <a href="#">here</a> . Effective 2019.
		Sherman's Short-Tailed Shrew	Y. Accessible <a href="#">here</a> . Approved 2018.
		American oystercatcher	Y. Accessible <a href="#">here</a> . Approved 2022.
		Black skimmer	
		Florida burrowing owl	Y. Accessible <a href="#">here</a> . Approved 2018.
		Florida Sandhill crane	Y. Accessible <a href="#">here</a> . Approved 2016.
		Least tern	Y. Accessible <a href="#">here</a> . Approved 2022.
		Little blue heron	Y. Accessible <a href="#">here</a> . Approved 2018.
		Reddish egret	Y. Accessible <a href="#">here</a> . Approved 2018.
		Roseate spoonbill	Y. Accessible <a href="#">here</a> . Approved 2018.
		Snowy plover	Y. Accessible <a href="#">here</a> . Approved 2022.





		Southeastern American kestrel	Y. Accessible <a href="#">here</a> . Effective 2020.
		Tricolored heron	Y. Accessible <a href="#">here</a> . Approved 2018.
		White-crowned pigeon	Y. Accessible <a href="#">here</a> . Approved 2016.
		Suwannee alligator snapping turtle	Y. Accessible <a href="#">here</a> . Approved 2018.
		Barbour's map turtle	Y. Accessible <a href="#">here</a> . Approved 2018.
		Florida brown snake (Lower Keys)	Y. Accessible <a href="#">here</a> . Approved 2016.
		Florida Keys mole skink	Y. Accessible <a href="#">here</a> . Approved 2016.
		Florida pine snake	Y. Accessible <a href="#">here</a> . Effective 2020.
		Key ringneck snake	Y. Accessible <a href="#">here</a> . Approved 2016.
		Rim rock crowned snake	Y. Accessible <a href="#">here</a> . Approved 2016.
		Short-tailed snake	Y. Accessible <a href="#">here</a> . Effective 2019.
		Florida bog frog	Y. Accessible <a href="#">here</a> . Approved 2018.
		Georgia blind salamander	Y. Accessible <a href="#">here</a> . Approved 2018.
		Blackmouth shiner	Y. Accessible <a href="#">here</a> . Approved 2018
		Bluenose shiner	Y. Accessible <a href="#">here</a> . Effective 2019

		Crystal darter	Y. Accessible <a href="#">here</a> . Approved 2018.
		Saltmarsh topminnow	Y. Accessible <a href="#">here</a> . Approved 2018.
		Southern tessellated darter	Y. Accessible <a href="#">here</a> . Approved 2018.
		Black Creek crayfish	Y. Accessible <a href="#">here</a> . Approved 2018.
		Santa Fe cave crayfish	Y. Accessible <a href="#">here</a> . Approved 2018.
		Eastern chipmunk	Y. Accessible <a href="#">here</a> . Approved 2018.
		Florida mouse	Y. Accessible <a href="#">here</a> . Effective 2020.
		Homosassa shrew	Y. Accessible <a href="#">here</a> . Approved 2018.
		Southern fox squirrel	Y. Accessible <a href="#">here</a> . Approved 2018.
		Osprey (Monroe County)	Y. Accessible <a href="#">here</a> . Approved 2018.
		Snowy egret	Y. Accessible
		White ibis	<a href="#">here</a> . Effective 2019.
		Alligator snapping turtle	Y. Accessible <a href="#">here</a> .
		Apalachicola alligator snapping turtle	Approved 2018.
		Peninsula ribbon snake (Lower Keys)	Y. Accessible <a href="#">here</a> .
		Red rat snake (Lower Keys)	Effective 2020.

		Striped mud turtle (Lower Keys)	
		Suwannee cooter	Y. Accessible <a href="#">here</a> . Effective 2020.
		Gopher frog	Y. Accessible <a href="#">here</a> . Effective 2020.
		Pine Barrens treefrog	Y. Accessible <a href="#">here</a> . Effective 2019.
		Harlequin darter	Y. Accessible <a href="#">here</a> . Approved 2018.
		Lake Eustis pupfish	Y. Accessible <a href="#">here</a> . Current Protections: 68A- 1.004, 4.001, F.A.C.
		Mangrove rivulus	Y. Accessible <a href="#">here</a> . Effective 2020.
		Florida tree snail	Y. Accessible <a href="#">here</a> . Effective 2020.



**Table 4**  
*The Gopher Tortoise*

<p align="center"><b>Gopher Tortoise Permitting Page</b> Accessible <a href="#">here</a>.</p>	<p align="center"><b>Gopher Tortoise Permitting Guidelines</b> <i>*Revisions Effective April 2023 Incorporated</i> Accessible <a href="#">here</a>.</p>
<p>The FWC implemented revisions to the Gopher Tortoise Permitting Guidelines in 2020. Revisions approved at a November 2022 commission meeting will go into effect in April 2023. These guideline revisions propose to:</p> <ul style="list-style-type: none"> <li> Adjust mitigation contributions to incentivize relocation to protected areas.</li> <li> Facilitate regulatory enforcement by defining roles and responsibilities.</li> <li> Clarify other provisions.</li> </ul>	
<div style="text-align: center;">  <p><b>Gopher Tortoise Range</b> <b>Listing Status</b></p> <ul style="list-style-type: none"> <li><span style="color: orange;">■</span> Federally Threatened</li> <li><span style="color: green;">■</span> Remainder of range; Federal Candidate</li> </ul> </div> <p><b><u>Listing Status</u></b>  <b>Federal Status:</b> Regionally Threatened  <b>FL Status:</b> State-designated Threatened</p> <p><b><u>FWC Gopher Tortoise Home Page</u></b>          Accessible <a href="#">here</a>.</p> <p><b><u>Range Notes from FWC Species Page</u></b>          Gopher Tortoises occur in parts of all 67 Florida counties.          Page accessible <a href="#">here</a>.</p>	