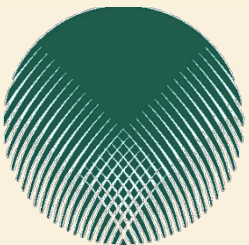


Future Directions for Conservation Banking

The role of the private sector

**Stephen M. Collins, Chief Executive Officer,
The Wetlandsbank™ Group, LLC**

**Presented at the 29th Annual Environmental Permitting Summer School
July 7-10, 2015**



Size of the Opportunity Summary of Species

Listed by the State of Florida as Federally-designated Endangered (FE)

Federally-designated Threatened (FT)

Federally-designated Threatened because of similarity of appearance [FT(S/A)]

Federal non-essential experimental population (FXN)

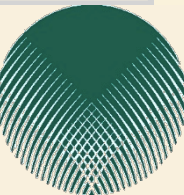
State-designated Threatened (ST)

State Species of Special Concern (SSC)

STATUS							
DESIGNATION	FISH	AMPHIBIANS	REPTILES	BIRDS	MAMMALS	INVERTEBRATES	TOTAL
FE	3	1	4	9	22	8	47
FT	2	1	6	4	1	6	20
FT(S/A)	0	0	1	0	0	3	4
FXN	0	0	0	1	0	0	1
ST	3	0	7	5	3	1	19
SSC	6	4	6	16	6	4	42
TOTAL	14	6	24	35	32	22	133

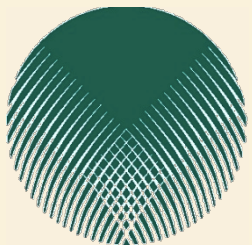
Source: FLORIDA'S ENDANGERED AND THREATENED SPECIES; FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION

Updated June 2014



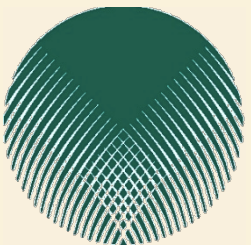
Listed by the State of Florida as Federally-designated Endangered

Fish	Amphibians	Reptiles	Birds	Mammals	Invertebrates
Atlantic Sturgeon	Reticulated Flatwoods salamander	Green sea turtle	Bachman's wood warbler	Anastasia Beach island mouse	American Burying Beetle
Shortnose Sturgeon		Hawksbill sea turtle	Cape Sable seaside sparrow	Caribbean Monk Seal	Ceraunus blue butterfly
Smalltooth sawfish		Kemp's ridley sea turtle	Eskimo curlew	Choctawhatchee beach mouse	Schaus' swallowtail butterfly
		Leatherback sea turtle	Everglade snail kite	Finback whale	Fat threeridge
			Fla grasshopper sparrow	Florida Panther	Gulf moccasinshell
			Ivory billed woodpecker	Florida salt marsh vole	Ochlockonee moccasinshell
			Kirtland's warbler	Gray Bat	Oval pigtoe
			Red-cockaded woodpecker	Gray Wolf	Shinyrayed pocketbook
			Wood stork	Humpback Whale	
				Indiana Bat	
				Key Deer	
				Key Largo cotton mouse	
				Key Largo Woodrat	
				Lower Keys rabbit	
				North Atlantic right whale	
				Perido Key beach mouse	
				Red wolf	
				Rice Rat	
				Sei whale	
				Sperm Whale	
				St. Andrew beach mouse	
				Florida manatee	



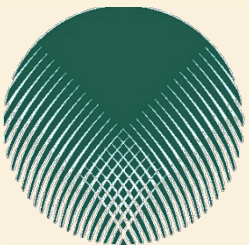
Role of the Private Sector

- Compensatory Mitigation
 - Advanced Compensatory Mitigation
 - Full Delivery Mitigation



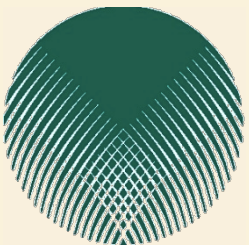
Compensatory Mitigation

- Advanced Compensatory Mitigation Banks
 - Conservation Banks
 - Mitigation Banks with Conservation Credits
- Full Delivery Mitigation
 - Not widely used
 - Viable alternative



What's needed

- Robust Regulatory Framework
 - Regulation
 - Supply
 - Conservation Banks
 - Predictable, repeatable business model
 - Demand
 - Regulatory driven
 - Private sector participation



Interim Solution

(Maybe Long Term?)

- Inclusion of Conservation Credits in Mitigation Bank Instruments
 - Requirements of Mitigation Bank and Conservation are similar
 - Credits could be separated by polygon
 - Could lead to better site selection, restoration and environmental result

