

DEPARTMENT OF THE ARMY

JACKSONVILLE DISTRICT CORPS OF ENGINEERS
P.O. BOX 4970
JACKSONVILLE, FLORIDA 32232-0019

MOV 0 9 2012

Regulatory Division

DEPARTMENT OF THE ARMY PERMIT

PROGRAMMATIC GENERAL PERMIT SAJ-99 SAJ-2007-03138

LIVE ROCK AND MARINE BIVALVE AQUACULTURE - STATE OF FLORIDA

Upon recommendation of the Chief of Engineers, U.S. Army Corps of Engineers (Corps), pursuant to Section 10 of the Rivers and Harbors Act of 1899 (U.S.C. 403), and Section 404 of the Clean Water Act, the Florida Department of Agriculture and Consumer Services (FDACS) is authorized to deposit materials for the purpose of marine bivalve aquaculture. Additionally, general authority is hereby given to the FDACS to administer the Department of the Army permit numbered above for the deposition of materials and other work, by non-FDACS entities, for the purposes of live rock and marine bivalve aquaculture, in navigable waters of the United States which are within the jurisdiction of the State of Florida (The subject waters of the State of Florida covered under this permit are limited to the area between approximately 3 marine leagues offshore and the mean high water line on shore on the Gulf coast, and the area between approximately 3 geographical miles offshore and mean high water line on shore on the Atlantic coast) subject to the following conditions:

<u>COORDINATION AGREEMENT</u>: An agreement has been signed by the Corps and the FDACS. The agreement outlines the steps each agency will take during the processing of an application under the SAJ-99, and includes reporting requirements.

SPECIAL CONDITIONS:

- 1. The work authorized herein includes the deposition of materials and other work in the waters of the State of Florida as described above for the purposes of live rock and marine bivalve aquaculture.
- 2. This general permit does not authorize the placement of materials for the construction and/or renourishment of artificial reefs, the construction of impoundments and/or semi-impoundments of waters of the US, or structures such as but not limited to aquaculture docks, circulating systems including inflow and outfall structures, platforms, etc. Furthermore, this permit does not authorize the deployment of offshore and/or nearshore cages for the culture or holding of motile species or the placement of materials for lobster harvesting (such as lobster casitas).

- 3. Individuals conducting marine aquaculture must possess an Aquaculture Certificate issued pursuant to section 597.004, Florida Statutes, and be compliant with the Best Management Practices (BMPs) adopted by rule.
- 4. Individuals conducting marine aquaculture must have a current lease issued by the Board of Trustees of the Internal Improvement Trust Fund and not be in violation of its terms and conditions.
- 5. As part of the Aquaculture Certification and lease approval process, a site evaluation report will be completed. The report, which may include, but not be limited to videotapes of underwater surveys, photographs of underwater surveys, and/or written assessments of underwater surveys, shall be prepared by a source acceptable to the FDACS and shall demonstrate that the proposed site:
 - a) is not a hazard to safe navigation or a hinderance to vessel traffic; and
 - b) avoids traditional fishing operations, or other public access; and
 - c) avoids impacts to naturally occurring hard bottom habitat and submerged aquatic vegetation and mangrove (minimum 50' setback from the preceding); and
 - d) avoids impacts to other aquaculture activities; and
 - e) contains natural underlying substrata that is primarily hard packed sand, hard shell hash, or soft sediment, and
 - f) avoids river mouths, ocean passes/cuts, and navigation channels.
- 6. The applicant's lease application with the state shall identify the site on a nautical chart in sufficient detail to allow for site inspection, and shall provide accurate latitude and longitude coordinates so that the site can be located by Differential Global Positioning System (GPS) equipment.
- 7. For the deposition of culture material for live rock aquaculture only, each permittee shall be limited to not more than one acre of submerged land. Deposition of material may occur in one location or in several locations. In either case, the total amount of sovereignty submerged land upon which the material is deposited shall not exceed a total of one acre per permittee.
- 8. Sites shall be inspected by the FDACS to confirm compliance with the special conditions in this permit.
- 9. Materials deposited or used on the aquaculture site must be approved by the FDACS. Materials for live rock or marine bivalve aquaculture activities must be

deployed so as to remain in place during storm events and not damage adjacent SAV or natural hard bottom communities.

- 10. All materials placed on the site must be in accordance with the state lease and the FDACS's BMPs. Disposition of materials outside of a state lease or in violation of the FDACS's BMPs is prohibited without a separate permit from the Department of the Army.
- 11. All materials used in aquaculture operations must be nontoxic and be free of contaminants and non-indigenous flora and/or fauna.
- 12. All materials for live rock aquaculture must be placed on the site by hand, or lowered completely to the bottom by crane. Deposited materials shall not be allowed to "free fall" to the bottom, and all deposition shall occur while the vessel is "at anchor." Rocks may not be placed over naturally occurring reef outcrops, limestone ledges, coral reefs, or vegetated areas. A minimum setback of 50 feet must be maintained from naturally vegetated or hard bottom habitats. The permittee shall be required to submit "as-built" (post-activity) reports to the FDACS. The reports shall depict the project site subsequent to each deposition activity. The actual configurations and locations of the deposited materials and the distance from existing naturally occurring hard bottom habitat and submerged aquatic vegetation shall be clearly depicted.
- 13. Harvest of aquacultured species and live rock shall be in accordance with chapter 597, Florida Statutes, and the BMPs adopted therein. No drilling or blasting is authorized under this general permit. Each rock must be visually inspected for the presence of *Acropora* spp. prior to harvesting. Additionally, the harvesting of any rock with *Acropora* spp. attached is prohibited.
- 14. Prior to issuance of authorization, the dichotomous key titled "The Corps of Engineers, Jacksonville District, and the State of Florida Effect Determination Key for the Manatee in Florida, March 2011," (see http://www.saj.usace.army.mil/Missions/Regulatory/SourceBook.aspx) will be used to determine potential manatee impacts. Those determined to be a "may affect" to the manatee will not be authorized until consultation on the project has been reinitiated by the Corps and concluded with the U.S. Fish and Wildlife Service in accordance with the Endangered Species Act. Additionally, depending on the location of the project, some projects determined to be "may affect, not likely to adversely affect" will not be authorized until additional consultation on the project has been concluded. Note: The manatee key may be subject to revision at any time. It is our intention that the most recent version of this technical tool will be utilized during the evaluation of the permit application.
- 15. For projects in waters accessible to manatees, the permittee will utilize the "Standard Manatee Conditions for In-Water Work, 2011" (see http://www.saj.usace.army.mii/Missions/Regulatory/SourceBook.aspx) and/or

requirements, as appropriate for the proposed activity. Note: The manatee conditions may be subject to revision at any time. It is our intention that the most recent version of these conditions will be utilized during the evaluation of the permit application.

- 16. For projects in waters accessible to sea turtles, smalltooth sawfish, Gulf sturgeon, or shortnose sturgeon, the permittee will utilize the "Sea Turtle and Smalltooth Sawfish Construction Conditions" March 23, 2006 (see http://www.saj.usace.army.mil/Missions/Regulatory/SourceBook.aspx) and/or requirements, as appropriate for the proposed activity. *Note: These conditions may be subject to revision at any time. It is our intention that the most recent version of these conditions will be utilized during the evaluation of the permit application.*
- 17. No new leases will be authorized within the boundaries of Gulf sturgeon designated critical habitat or Johnson's seagrass designated critical habitat. Within the boundaries of Gulf sturgeon designated critical habitat, cultch materials for the State of Florida's oyster planting program shall only be allowed to be deposited on existing shell substrata. Within the boundaries of smalltooth sawfish critical habitat leases will be located away from any red mangroves, and in water deeper than 39 inches mean low water (MLW), so as to avoid any impacts to the essential features (i.e. shallow euryhaline waters and red mangroves) of sawfish critical habitat.
- 18. This permit has undergone consultation with U.S. Fish and Wildlife Service (FWS) and the National Marine Fisheries Service (NMFS) on the listed species and any designated critical habitat listed on Table 1 (attached). If the proposed activity does not conform to the special conditions of SAJ-99 concerning listed species or critical habitat, the application shall be referred to the Corps who will request the appropriate Service to initiate additional Section 7 consultation. Until consultation is concluded, the proposed activity cannot be authorized under SAJ-99.
- 19. No work shall be authorized by SAJ-99 that may have direct or indirect adverse impacts to essential fish habitat such as but not limited to hard or soft corals, including listed corals, estuarine emergent, marine emergent, mangrove, and/or the following species of submerged aquatic vegetation: shoal grass (*Halodule wrightii*), paddle grass (*Halophila decipiens*), star grass (*Halophila engelmanni*), Johnson's seagrass (*Halophila johnsonii*), sago pondweed (*Potamogeton pectinatus*), claspingleaved pondweed (*Potamogeton perfoliatus*), widgeon grass (*Ruppia maritime*), manatee grass (*Syringodium filiforme*), turtle grass (*Thalassia testudinum*), tapegrass (*Vallisneria americana*), horned pondweed (*Zannichellia palustris*), and eel grass (*Zostera marina*). Indirect effects include secondary and cumulative effects. In addition, the project cannot have adverse impacts on any other essential fish habitat.
- 20. a. No structure or work shall adversely affect impact or disturb properties listed in the National Register of Historic Places (NRHP) or those eligible for inclusion in the NRHP.

- b. If during the ground disturbing activities and construction work within the permit area, there are archaeological/cultural materials encountered which were not the subject of a previous cultural resources assessment survey (and which shall include, but not be limited to: pottery, modified shell, flora, fauna, human remains, ceramics, stone tools or metal implements, dugout canoes, evidence of structures or any other physical remains that could be associated with Native American cultures or early colonial or American settlement), the Permittee shall immediately stop all work in the vicinity and notify the Corps within two calendar days. The Corps shall then notify the Florida State Historic Preservation Officer (SHPO) and the appropriate Tribal Historic Preservation Officer(s) (THPO(s)) to assess the significance of the discovery and devise appropriate actions.
- c. A cultural resources assessment may be required of the permit area, if deemed necessary by the SHPO, THPO(s), or Corps, in accordance with 36 CFR 800 or 33 CFR 325, Appendix C (5). Based, on the circumstances of the discovery, equity to all parties, and considerations of the public interest, the Corps may modify, suspend or revoke the permit in accordance with 33 CFR Part 325.7. Such activity shall not resume on non-federal lands without written authorization from the SHPO and the Corps.
- d. In the unlikely event that unmarked human remains are identified on non-federal lands, they will be treated in accordance with Section 872.05 Florida Statutes. All work in the vicinity shall immediately cease and the Permittee shall immediately notify the medical examiner, Corps, and State Archeologist. The Corps shall then notify the appropriate SHPO and THPO(s). Based, on the circumstances of the discovery, equity to all parties, and considerations of the public interest, the Corps may modify, suspend or revoke the permit in accordance with 33 CFR Part 325.7. Such activity shall not resume without written authorization from the State Archeologist, SHPO and the Corps.
- 21. SAJ-99 is not authorized within the boundaries of the following managed areas until the authorities responsible for their management have been contacted by FDACS and offered an opportunity to express their views on projects proposed in their respective areas of responsibility. All responses shall be included in the FDACS permit file.
 - a. Florida State Parks: All Florida State parks.
 - b. Aquatic Preserves: All State of Florida Aquatic Preserves
 - c. National Marine Sanctuaries: Florida Keys National Marine Sanctuary.
- d. National Estuarine Research Reserves: All National Estuarine Research Reserves

- 22. Additional federal permits may be required for aquaculture operations in waters of the State of Florida which are under the jurisdiction of other federal authorities, such as U.S. Environmental Protection Agency, U.S. Coast Guard, or National Marine Fisheries Service.
- 23. For projects proposed adjacent to Federally-maintained channels, no structure, or work authorized under this regional general permit shall be within the established setback. The setback is normally 100' in the various Intracoastal Waterways but may vary in a few specific reaches as well as in other Federal channels. Exact locations of the proposed structures relative to the channel may need to be verified by use of the Florida State Plane (x, y) Coordinate System, calculated from the near-bottom edge of the Federal channel. Any activity within Federal rights-of-way will require the permittee to enter into a consent-to-easement with the Real Estate Division, U.S. Army Corps of Engineers, Jacksonville or Mobile District, as appropriate, prior to the commencement of any construction activity.
- 24. The permittee and the FDACS understand and agree that, if future operations by the United States require the removal, relocation, or other alteration, of the structures or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the FDACS or permittee will be required, upon due notice from the Corps of Engineers, to have removed, relocated, or altered the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.
- 25. Conformance with descriptions and quantities contained herein does not necessarily guarantee authorization under this general permit.
- 26. The District Engineer reserves the right to require that any request for authorization under this general permit be processed as an individual permit.
- 27. This programmatic general permit will be valid for a period of five years from the date specified above unless suspended or revoked by the District Engineer prior to that date. If SAJ-99 expires or is revoked prior to completion of the authorized work, authorization of activities that have commenced or are under contract to commence in reliance on SAJ-99 will remain in effect provided the activity is completed within 12 months of the date SAJ-99 expired or was revoked; and that such activities are conducted in compliance with SAJ-99 and any lease agreement terms or conditions.

28. The General conditions attached hereto are made a part of this permit. BY AUTHORITY OF THE SECRETARY OF THE ARMY

Alan M. Dodd Colonel, U.S. Army **District Commander**

GENERAL CONDITIONS FOR DEPARTMENT OF THE ARMY GENERAL PERMITS

General Conditions

1. T	he time limit for compl	ting the work authorized ends on	
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- 2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
- 3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and State coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.
- 4. If you sell the property associated with this permit, you must obtain the signature and mailing address of the new owner in the space provided below and forward a copy of the permit to this office to validate the transfer of this authorization.
- 5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit.
- 6. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

For Section 10 permits, add the following as a Special Condition:

7. The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structures or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

Further Information:

- 1. Limits of this authorization.
 - a. This permit does not obviate the need to obtain other Federal, State, or local authorizations required by law.
 - b. This permit does not grant any property rights or exclusive privileges.
 - c. This permit does not authorize any injury to the property or rights of others.
 - d. This permit does not authorize interference with any existing or proposed Federal projects.
- 2. Limits of Federal Liability. In issuing this permit, the Federal Government does not assume any liability for the following:
 - a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.
- b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.
 - c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.
 - d. Design or construction deficiencies associated with the permitted work.
 - e. Damage claims associated with any future modification, suspension, or revocation of this permit.
- 3. Reliance on Applicant's Data: The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.
- 4. Reevaluation of Permit Decision: This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:
 - a. You fail to comply with the terms and conditions of this permit.
 - b. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (see 3 above).

- c. Significant new information surfaces which this office did not consider in reaching the original public interest decision.
- 5. Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.
- 6. When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the associated liabilities associated with compliance with its terms and conditions, have the transferred sign and date below.

(TRANSFEREE-SIGNATURE)	(DATE)
(NAME-PRINTED)	
(ADDRESS)	
GENERAL PERMIT	

Cana14	office for	Oheries	in Florida	
Consult	ation for	5AJ-99	- Live Rock and Bivalve Aquaculture - State of Florida	
	<u> </u>		Animals	
Finding	Agency	Status	Species Listing	
, manig	rigonoy	Otoldo	Openes Listing	
			MAMMALS	
NE	FWS	E	Deer, Key (Odocoileus virginianus clavium)	
MANLAA*		E	Manatee, West Indian (<i>Trichechus manatus</i>)	
NÉ	FWS	E	Mouse, Anastasia Island beach (Peromyscus polionotus phasma)	
NE	FWS	E	Mouse, Choctawhatchee beach (Peromyscus polionotus allophrys)	
NE	FWS	Е	Mouse, Key Largo cotton (Peromyscus gossypinus aliapaticola)	
NE	FWS	Ε.	Mouse, Perdido Key beach (Peromyscus polionotus trissyllepsis)	
NE	FWS	T	Mouse, southeastern beach (Peromyscus polionotus rivssyliepsis)	+
NE	FWS	Ε	Mouse, St. Andrew beach (Peromyscus polionotus peninsularis)	
NE	FWS	E	Panther, Florida (Puma concolor coryi)	
NE	FWS	E	Rabbit, Lower Keys marsh (Sylvilagus palustris hefneri)	
NE*	FWS	E	Rice rat (lower FL Keys) (Oryzomys palustris natator)	
NE	FWS	Е	Vole, Florida salt marsh (Microtus pennsylvanicus dukecampbelli)	-
NE	NMFS	Ε	Whale, finback (Balaenoptera physalus)	-
NE	NMFS	E	Whale, humpback (Megaptera novaeangliae)	
NE*	NMFS	Е	Whale, right (Balaena glacialis)	+
NE	FWS	E	Woodrat, Key Largo (Neotoma floridana smalli)	
				+
			BIRDS	
NE	FWS	Т	Caracara, Audubon's crested (FL pop.) (Caracara cheriway)	
NE	FWS	Т	Eagle, bald (Haliaeetus leucocephalus)	
NE	FWS	Т	Jay, Florida scrub (Aphelocoma coerulescens)	
NE	FWS	E	Kite, Everglade snail (Rostrhamus sociabilis plumbeus)	
NE	FWS	Т	Plover, piping (Charadrius melodus)	
NE	FWS	E	Sparrow, Cape Sable seaside (Ammodramus(=Ammospiza) maritimus mirabilis)	
NE	FWS	E	Sparrow, Florida grasshopper (Ammodramus savannarum floridanus)	
NE	FWS	E	Stork, wood (Mycteria americana)	_
NE	FWS	Т	Tern, Roseate (Sterna dougallii dougallii)	
NE	FWS	E	Woodpecker, red-cockaded (Picoides borealis)	<u> </u>
		· · ·	REPTILES & AMPHIBIANS	
NE	FWS	<u>T</u>	Crocodile, American (Crocodylus acutus)	
NE	FWS	T	Salamander, flatwoods (Ambystoma cingulatum)	
	NMFS/FW	T	Sea turtle, green (Chelonia mydas)	
	NMFS/FW	E	Sea turtle, hawksbill (Eretmochelys imbricata)	
	NMFS/FW	E	Sea turtle, Kemp's ridley (Lepidochelys kempii)	
	NMFS/FW	E	Sea turtle, leatherback (Dermochelys coriacea)	
	NMFS/FW	T	Sea turtle, loggerhead (Caretta caretta)	
NE	FWS	T	Skink, bluetail mole (Eumeces egregius lividus)	
NE	FWS	<u>T</u>	Skink, sand (Neoseps reynoldsi)	
NE NE	FWS		Snake, Atlantic salt marsh (Nerodia clarkii taeniata)	
NE	FWS	T	Snake, eastern indigo (Drymarchon corais couperi)	
			FIGURE	
NC	DAYO		FISH	
NE	FWS	Τ	Darter, Okaloosa (Etheostoma okaloosae)	

MANLAA*	NMFS/FW	T	Sturgeon, Gulf (Acipenser oxyrinchus desotoi)	
MANLAA	NMFS	E	Sturgeon, shortnose (Acipenser brevirostrum)	
			ettigeen, energiese (riolpenser brevitesuum)	
_			INVERTEBRATES	
NE NE	FWS	T	Bankclimber, purple (Elliptoideus sloatianus)	
NE	FWS	Ë		
MANLAA*	NMFS	<u>-</u> _	Butterfly, Schaus swallowtail (Heraclides aristodemus ponceanus)	
MANLAA*	NMFS	T	Coral, Elkhorn (Acropora palmata)	
NE	FWS		Coral, Staghorn(Acropora cervicornis)	
NE NE	FWS	E	Moccasinshell, Gulf (Medionidus penicillatus)	
NE	FWS		Moccasinshell, Ochlockonee (Medionidus simpsonianus)	
NE		E	Pigtoe, oval (Pleurobema pyriforme)	
	FWS	<u>E</u>	Pocketbook, shinyrayed (Lampsilis subangulata)	
NE	FWS	<u>T</u>	Snail, Stock Island tree (Orthalicus reses)	
NE	FWS	T	Slabshell, Chipola (Elliptio chipolaensis)	
NE	FWS	E	Three-ridge, fat (Amblema neislerii)	
F71 - 41			Plants	
Finding	Agency	Status	Species Listing	
	PR 445			
NE	FWS	E	Aster, Florida golden (Chrysopsis floridana)	
NE	FW\$	E	Beargrass, Britton's (Nolina brittoniana)	
NE	FWS	E	Beauty, Harper's (Harperocallis flava)	
NE	FWS	E	Bellflower, Brooksville (Campanula robinsiae)	
NE	FWS	T	Birds-in-a-nest, white (Macbridea alba)	
NE	FWS	E	Blazingstar, scrub (Liatris ohlingerae)	
NE	FWS	Т	Bonamia, Florida (Bonamia grandiflora)	
NE	FWS	Т	Buckwheat, scrub (Eriogonum longifolium gnaphalifolium)	
NE	FWS	Т	Butterwort, Godfrey's (Pinguicula ionantha)	
NE	FWS	E	Cactus, Key tree (Pilosocereus robinii)	
NE	FWS	E	Campion, fringed (Silene polypetala)	
NE	FWS	E	Chaffseed, American (Schwalbea americana)	
NE	FWS	Ē	Cladonia, Florida perforate (Cladonia perforata)	
NE.	FWS	E	Fringe-tree, pygmy (Chionanthus pygmaeus)	
NE	FWS	<u>-</u>		
NE	FWS	Ē	Gooseberry, Miccosukee (Ribes echinellum)	
NE	FWS	E	Gourd, Okeechobee (Cucurbita okeechobeensis okeechobeensis)	
NE	FW\$		Harebells, Avon Park (Crotalaria avonensis)	
NE		E	Hypericum, highlands scrub (Hypericum cumulicola)	
	FWS	E	Jacquemontia, beach (Jacquemontia reclinata)	
NE	FWS	E	Lead-plant, Crenulate (Amorpha crenulata)	
NE	FWS	E	Lupine, scrub (Lupinus aridorum)	
NE	FWS	<u> </u>	Meadowrue, Cooley's (Thalictrum cooleyi)	
NE NE	FWS	E	Milkpea, Small's (Galactia smallii)	
NE	FWS	E	Mint, Garrett's (Dicerandra christmanii)	
NE	FWS	E	Mint, Lakela's (Dicerandra immaculata)	
NË	FWS	E	Mint, longspurred (Dicerandra cornutissima)	
NE	FWS	<u>E</u>	Mint, scrub (Dicerandra frutescens)	
NE	FWS	E	Mustard, Carter's (Warea carteri)	
NE	FWS	Ε	Pawpaw, beautiful (Deeringothamnus pulchellus)	
NE	FWS	E	Pawpaw, four-petal (Asimina tetramera)	
NE	FWS	E	Pawpaw, Rugel's (Deeringothamnus rugelii)	
NE	FWS	T	Pigeon wings (Clitoria fragrans)	-
NE	FWS	Е	Pinkroot, gentian (Spigelia gentianoides)	
NE	FWS	E	Plum, scrub (Prunus geniculata)	
NE	FWS	E	Polygala, Lewton's (Polygala lewtonii)	
				_
NE	FWS	E	Polygala, tiny (Polygala smallii)	

NE	FWS	E	Prickly-apple, fragrant (Cereus eriophorus fragrans)
NE	FWS	E	Rhododendron, Chapman (Rhododendron chapmanii)
NE	FWS	E	Rosemary, Apalachicola (Conradina glabra)
NE	FWS	E	Rosemary, Etonia (Conradina etonia)
NE	FWS	E	Rosemary, short-leaved (Conradina brevifolia)
NE	FWS	Е	Sandlace (Polygonella myriophylla)
MANLAA*	NMFS	T	Seagrass, Johnson's (Halophila johnsonii)
NE	FWS	T	Skullcap, Florida (Scutellaria floridana)
NE	FWS	E	Snakeroot (Eryngium cuneifolium)
NE	FWS	E	Spurge, deltoid (Chamaesyce deltoidea deltoidea)
NE	FWS	T	Spurge, Garber's (Chamaesyce garberi)
NE	FWS	Т	Spurge, telephus (Euphorbia telephioides)
NE	FWS	E	Torreya, Florida (Torreya taxifolia goveniana)
NE	FWS	ιĒ	Warea, wide-leaf (Warea amplexifolia)
NE	FWS	E	Water-willow, Cooley's (Justicia cooleyi)
NE	FWS	Т	Whitlow-wort, papery (Paronychia chartacea)
NE	FWS	Ē	Wireweed (Polygonella basiramia)
NE	FWS	E	Ziziphus, Florida (Ziziphus celata)