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Francis Marion National Forest - Species of Conservation Concern

Forest submission date: 15 July 2014
RO Recommendation date: 7 October 2014

Final Forest Submission date: 16 February 2016

Name of Fore: Francis Marion National Forest

GROUP	TYPE	SCIENTIFIC NAME	COMMON NAME	STATE EOs	FOREST EOs	Last FOREST Obs	STATE RANK	GLOBAL RANK	THREATS	FOREST RECOMMENDATION	FOREST COMMENTS ON RECOMMENDATION	RO RECOMMENDATION	FINAL FOREST RECOMMENDATION	FINAL DETERMINATION/ RF SCC LIST
Amphibian	Salamander	<i>Ambystoma tigrinum tigrinum</i>	Eastern Tiger Salamander	7		1966	S2/S3	G5		Do Not Include	Last observed in 1966, and FS land was sold. Potential habitat does not exist on the FM.	Remove from SCC due to forest recommendation; not known to occur.	Do Not Include	
Amphibian	Salamander	<i>Desmognathus auriculatus</i>	Southern Dusky Salamander	UNK	UNK	2013	SNR	G5	Modification of natural systems; conversion and fragmentation; fire and fire suppression; plantation forestry; intense fires.	Do Not Include	SNR in SC. Does not meet rarity criteria for designation as SCC. Confined to seepage areas in mature bottomland hardwood areas. Unknown distribution on the forest. Restricted range on FM.	Remove from SCC due to forest recommendation; does not meet listing criteria for G/S ranks.	Do Not Include	
Amphibian	Frog	<i>Lithobates capito</i>	Gopher Frog	21	UNK	2014	SE	G3	Limited distribution of the system/habitat, modification of vegetation composition, fire exclusion and suppression, unnatural forest conditions, plantation forestry, Conversion and fragmentation;	Include as SCC.	Forest Sensitive, IUCN Red List 2004 near threatened, state endangered in SC, USFWS species of concern, petitioned to list (ARS).	Retain to SCC, due to G3/SE (state endangered) ranks, and threats to habitat due to altered hydrology, habitat modification and lack of fire.	Retain to List	SCC
Amphibian	Siren	<i>Pseudobranchius striatus</i>	Dwarf Siren	14	1	2008	S2	G5	Limited distribution of the system/habitat, Modification of vegetation composition, fire exclusion & suppression, unnatural forest conditions, plantation forestry, Conversion and fragmentation;	Include as SCC.	S2 species in need of management. CWCP priority species. Dependent upon specific isolated wetland habitats. Only documented 2 times within the proclamation boundary.	Retain to SCC due to S2 status, few forest EOs, and threats to restricted, aquatic habitat.	Retain to List	SCC
Aquatic	Fish	<i>Ameiurus catus</i>	White catfish	UNK, NT	No FS record. not captured by DNR during			G5		Do Not Include	No records on the forest.	Remove from SCC due to forest recommendation; not known to occur.	Do Not Include	
Aquatic	Eel	<i>Anguilla rostrata</i>	American eel	UNK, NT	21	2014	SNR	G4/ARS	Hydrological modificaton, low oxygen.	Include as SCC.	Petitioned for federal listing, found in 14 out of 27 6th level watersheds on forest. American Eel have been captured at 22 sites since 1993 to a total of 272 individuals. The site densities range from 1 to 71 individuals per site. Eel habitat on the forest varies between stream and I directly related to large wood debris and the influence of hydrologic modifications.	Retain to SCC, due to documented low population levels, and threats to aquatic habitat from altered hydrology.	Retain to List	SCC
Aquatic	Fish	<i>Chologaster cornuta</i>	Swampfish	UNK, NT	4	2010	SNR	G5	Removal of riparian cover and woody debris.	Do Not Include	G5 Rank, stable species.	Remove from SCC due to forest recommendation;does not meet listing criteria for G/S ranks.	Do Not Include	

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Aquatic	Fish	<i>Elassoma boehlkei</i>	Carolina pygmy sunfish	3	UNK		S1	G2	Isolated populations and State Endangered.	Do Not Include	Threatened (Jelks 2008); not confirmed from the Forest.	Remove from SCC due to forest recommendation; not known to occur.	Do Not Include	
Aquatic	Fish	<i>Elassoma evergladei</i>	Everglades pygmy sunfish	UNK	3	2010	SNR	G5	Removal of riparian cover and woody debris.	Do Not Include	G5 rank, common in swamps but not commonly surveyed, State Priority, only three populations on forest.	Remove from SCC due to forest recommendation; does not meet listing criteria for G/S ranks.	Do Not Include	
Aquatic	Mussel	<i>Elliptio angustata</i>	Carolina lance	1	2	2011	S3	G4	Channelization, sedimentation, pollution and low oxygen.	Do Not Include	G4 Rank, found in abundance in several locations through out the state. Known from Wambaw Creek.	Remove from SCC due to forest recommendation; does not meet listing criteria for G/S ranks.	Do Not Include	
Aquatic	Mussel	<i>Elliptio congaraea</i>	Carolina slabshell	9	UNK		S3	G3		Do Not Include	Not found within the plan area.	Remove from SCC due to forest recommendation; not known to occur.	Do Not Include	
Aquatic	Mussel	<i>Elliptio fisheriana</i>	Northern lance	UNK, T	UNK		SNR	G4	Stream bank erosion and sudden hydrological fluctuations.	Do Not Include	Not found within the plan area.	Remove from SCC due to forest recommendation; not known to occur.	Do Not Include	
Aquatic	Mussel	<i>Elliptio roanokensis</i>	Roanoke slabshell	UNK, T	UNK		S2	G3	Channelization, sedimentation, pollution and low oxygen.	Do Not Include	Not found within the plan area.	Remove from SCC due to forest recommendation; not known to occur.	Do Not Include	
Aquatic	Fish	<i>Enneacanthus chaetodon</i>	Blackbanded sunfish	UNK, NT	1	1993	SNR	G3/G4	Draining of wetlands and pesticide contamination.	Do Not Include	Not observed on forest in over 21 years, small population size, State Priority, Vulnerable (Jelks 2008).	Remove from SCC due to forest recommendation; does not meet listing criteria for G/S ranks.	Do Not Include	
Aquatic	Fish	<i>Enneacanthus obesus</i>	Banded sunfish	UNK, NT	11	2006	SNR	G5	Removal of riparian cover and channelization.	Do Not Include	G5 rank, numerous stable populations on forest.	Remove from SCC due to forest recommendation; does not meet listing criteria for G/S ranks.	Do Not Include	

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Aquatic	Fish	<i>Etheostoma serrifer</i>	Sawcheek darter	UNK, NT	1 stream 3 fish	2010	SNR	G5	Removal of riparian cover and woody debris.	Do Not Include	G5 Rank, wide distribution off forest.	Remove from SCC due to forest recommendation; does not meet listing criteria for G/S ranks.	Do Not Include	
Aquatic	Mussel	<i>Lampsilis splendida</i>	rayed pink fatmucket	7	UNK		S2	G3	Channelization, sedimentation, pollution and low oxygen.	Do Not Include	Not found within the plan area.	Remove from SCC due to forest recommendation; not known to occur.	Do Not Include	
Aquatic	Mussel	<i>Ligumia nasuta</i>	Eastern pondmussel	UNK, T	UNK		S2	G4	Channelization, sedimentation, pollution and low oxygen.	Do Not Include	Not found within the plan area.	Remove from SCC due to forest recommendation; not known to occur.	Do Not Include	
Aquatic	Fish	<i>Morone saxatilis</i>	Striped bass	UNK, NT	No records on forest		SNR	G5		Do Not Include	Not found within the plan area.	Remove from SCC due to forest recommendation; not known to occur.	Do Not Include	
Aquatic	Fish	<i>Notropis chalybaeus</i>	Ironcolor shiner	UNK, NT	12	1993	SNR	G4	Removal of riparian cover and channelization.	Do Not Include	G4 rank, not observed in over 21 years.	Remove from SCC due to forest recommendation; does not meet listing criteria for G/S ranks.	Do Not Include	
Aquatic	Mussel	<i>Villosa modioliformis</i>	Eastern rainbow	UNK	UNK		S2	G5Q	Channelization, sedimentation, pollution and low oxygen.	Do Not Include	Not found within the plan area.	Remove from SCC due to forest recommendation; not known to occur.	Do Not Include	
Bird	Bird	<i>Aimophila aestivalis</i>	Bachman's Sparrow	4	UNK	2014	SNR	G3	Limited distribution of the system/habitat; modification of vegetation composition; fire exclusion and suppression; unnatural forest conditions; plantation forestry; conversion and fragmentation.	Include as SCC	IUCN 2004 Red List -- NT (Near Threatened), currently Forest Sensitive species, USFWS bird of conservation concern BCR27, species on 2007 Audobon watchlist, RCS-b score of 21 in PIF LCP. Highest priority species for conservation Atlantic Coast Joint Venture/SMABI Plan.	Retain to SCC, due to G3 rank, and threats to habitat due to habitat modification and lack of fire.	Retain to List	SCC
Bird	Bird	<i>Ammodramus maritimus</i>	Seaside sparrow	T	UNK		SNR	G4	SNR in SC. No known records from the forest and limited habitat. CWCP priority species. USFWS bird of conservation concern. Audubon Red List of species, RCS-b score of 19 in PIF LCP. High priority species for conservation Atlantic Coast Joint Venture/SAMBI Plan.	Do Not Include	No known records and limited habitat from the forest.	Remove from SCC due to forest recommendation; not known to occur.	Do Not Include	

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Bird	Bird	<i>Anas rubripes</i>	American black duck	T	UNK		SNR	G5		Do Not Include	Does not meet rarity criteria for inclusion.	Remove from SCC due to forest recommendation; does not meet listing criteria for G/S ranks.	Do Not Include	
Bird	Bird	<i>Colinus virginianus</i>	Northern bobwhite	T				G5		Do Not Include	Does not meet rarity criteria for designation as SCC. IUCN Red List Category NT - Near threatened, CWCP priority species, RCS-b score of 16 in PIF LCP. North American Breeding Bird Survey (BBS) data indicate that populations underwent a significant rangewide decline of -2.7%/year from 1966-1998. High priority species for conservation Atlantic Coast Joint Venture/SAMBI Plan.	Remove from SCC due to forest recommendation; does not meet listing criteria for G/S ranks.	Do Not Include	
Bird	Bird	<i>Dendroica discolor</i>	Prairie warbler	UNK, T	UNK		S4	G5	Limited distribution of the system/habitat; modification of vegetation composition; fire exclusion and suppression; unnatural forest conditions; conversion and fragmentation.	Do Not Include	S4 species; the prairie warbler is a USFWS Bird of Conservation Concern in Bird Conservation Region 27 with a regional combined score (RCS) = 18. CWCP high priority species in South Carolina. Audubon Yellow List species. High priority species for conservation Atlantic Coast Joint Venture/SAMBI Plan. The prairie warbler is a Neotropical migrant that occurs in early successional habitats	Remove from SCC due to forest recommendation; does not meet listing criteria for G/S ranks.	Do Not Include	
Bird	Bird	<i>Elanoides forficatus</i>	American Swallow-tailed Kite	7	UNK	2014	SE	G5	Conversion and fragmentation; predation; modification of vegetation; modification of vegetation structure; plantation forestry; intensive silvicultural practices; loss of wintering and	Include as SCC.	State endangered, Audubon yellow list species, Bird of Conservation Concern for USFWS BCR27, RCS-b score of 16 in PIF LCP. High priority species for conservation Atlantic Coast Joint Venture/SAMBI Plan.	Retain to SCC, due to SE (state endangered) rank, and threats to habitat due to habitat modification.	Retain to List	SCC
Bird	Bird	<i>Haliaeetus leucocephalus</i>	Bald Eagle	451	UNK	2014	S2	G5	Conversion and fragmentation; modification of vegetation; modification of vegetation structure; plantation forestry; intensive silvicultural practices; loss of nesting habitat.	Include as SCC.		Retain to SCC, as required by the Forest Service Manual, for recently delisted species with active monitoring requirements.	Retain to List	SCC
Bird	Bird	<i>Hylocichla mustelina</i>	Wood Thrush	T	?		S3	G5		Do Not Include	Rank does not meet rarity for inclusion.	Remove from SCC due to forest recommendation; does not meet listing criteria for G/S ranks.	Do Not Include	
Insect	Butterfly	<i>Amblyscirtes alternata</i>	Dusky roadside skipper	UNK	1	2014	SNR	G2G3	Limited distribution of the system/habitat; pesticide use (including both herbicides and insecticides); modification of vegetation composition; hydrologic modification of wetlands; beaver trapping.	Include as SCC.	Documented on the FMNF from Hoover Road in 2012.	Retain to SCC, due to G2/G3 rank, threats to habitat due to habitat modification, and threats from pesticide use.	Retain to List	SCC

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Insect	Butterfly	<i>Danaus plexippus</i>	Monarch Butterfly	UNK	22 records in vicinity of forest in 2015	2015	SNR	G5/ARS	Pesticide use (including both herbicides and insecticides); loss of habitat; <i>Ophryocystis elektroscirrha</i> (OE), which is an obligate, protozoan parasite; illegal/unsustainable logging practices in wintering habitat; loss of	Include as SCC.		Retain to SCC, due to threats to habitat due to habitat modification.	Retain to List	SCC
Insect	Butterfly	<i>Euphyes berryi</i>	Berry's Skipper	UNK, NT	1	2011	SNR	G1/G3	Limited distribution of the system/habitat; pesticide use (including both herbicides and insecticides); Modification of vegetation composition; intensive silvicultural practices.	Include as SCC.	S1/S2 in Florida, S1 in North Carolina, SNR in South Carolina. Unique species on the Francis Marion, as all other occurrences are outside of SC. This might be the only occurrence of the species in SC. Has only been found in a previously flooded beaver pond in C96/east side of Steed Creek Rd that SCDOT/APHIS trapped beavers out and drained. According to some lepidopterists, this is likely one of the rarest	Retain to SCC, due to G1/G3 rank, and threats to habitat due to habitat modification.	Retain to List	SCC
Insect	Butterfly	<i>Zale perculata</i>	Okfenokee Zale Moth	UNK	1	2013	SNR	G2	Pesticide use (including both herbicides and insecticides); limited distribution of the system/habitat; modification of vegetation composition; hydrologic modification of wetlands; unnatural forest	Include as SCC.	Limited distribution on the FM, larval host plant is climbing fetterbush. Not ranked in SC. Other EOs are potentially threatened by draining, logging. Mosquito spraying if with Dibrome during the larval or adult period could wipe out any EO. Prescribed burning would be a threat, but seems unlikely in such a wet community.	Retain to SCC, due to G2 rank, threats to habitat due to habitat modification, and threats from pesticide use.	Retain to List	SCC
Mammal	Mole	<i>Condylura cristata</i>	Star-nosed Mole	11			S3	G5		Do Not Include	Does not meet rarity criteria for inclusion.	Remove from SCC due to forest recommendation; does not meet listing criteria for G/S ranks.	Do Not Include	
Mammal	Bat	<i>Corynorhinus rafinesquii</i>	Rafinesque's Big-Eared Bat	112	1	2013	SE	G3	White-nose syndrome, forest destruction (significant in parts of coastal plain); hollow tree removal during certain forest management practices (widespread; noted in Mississippi as important); decreasing	Include as SCC.	State endangered, Forest Sensitive species.	Retain to SCC due to SE (state endangered) status, few forest EOs, and threats from habitat loss and white-nose syndrome.	Retain to List	SCC
Mammal	Bat	<i>Myotis austroriparius</i>	Southeastern myotis	11	UNK	1979	S1	G3	Recent field studies in coastal North Carolina, South Carolina, and eastern Texas have located populations of this species, but there are no baseline data with which to compare trends. Declines likely have resulted	Include as SCC.	S1 in South Carolina. Priority for conservation in CWCP.	Retain to SCC, due to G3/S1 ranks and threats from anthropogenic disturbances.	Retain to List	SCC
Mammal	Woodrat	<i>Neotoma floridana floridana</i>	Eastern Woodrat	27	UNK	2014	S3		Limited distribution of the system/habitat; modification of vegetation composition; unnatural forest conditions; plantation forestry; conversion and fragmentation.	Do Not Include	Does not meet rarity criteria for designation as SCC. CWCP priority species. Limited distribution on FM. Critically imperiled in NC.	Remove from SCC due to forest recommendation; does not meet listing criteria for G/S ranks.	Do Not Include	

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Mammal	Squirrel	<i>Sciurus nigra</i>	Eastern Fox Squirrel	18	UNK	2014	S4	G5	Limited distribution of the system/habitat; modification of vegetation composition; fire exclusion and suppression; unnatural forest conditions; plantation forestry; conversion and fragmentation; over	Do Not Include	S4 in SC and CWCP priority species. Spotty distribution on the FM. The greatest threat is to SE populations, where distribution and abundance have been reduced by loss of mature forest habitat.	Remove from SCC due to forest recommendation; does not meet listing criteria for G/S ranks.	Do Not Include	
Reptile	Turtle	<i>Clemmys guttata</i>	Spotted Turtle	28	UNK	2014	S2	G5/ARS	Modification of vegetation composition; fire exclusion and suppression; unnatural forest conditions; plantation forestry; conversion and fragmentation; road mortality; over collection; wetland	Include as SCC.	State Threatened; petitioned to list, listed as vulnerable on IUCN Red List, declining population trends.	Retain to SCC due to S2 rank and threats to habitat due to habitat modification, lack of fire, and anthropogenic disturbance.	Retain to List	SCC
Reptile	Snake	<i>Crotalus adamanteus</i>	Eastern Diamondback Rattlesnake	7	4	2014	S3	G4/ARS	Limited distribution of the system/habitat; modification of vegetation composition; fire exclusion and suppression; unnatural forest conditions; plantation forestry; conversion and fragmentation;	Include as SCC.	Petitioned to list, declining population trends, limited distribution on the FM, unrelenting persecution. This species was one of the species that participants at the At Risk Species meeting felt most strongly about, and felt that the Forest Service could be proactive and start managing this species before it possibly becomes a federally listed species.	Retain to SCC due to few forest EOs, declining population trends and anthropogenic impacts.	Retain to List	SCC
Reptile	Snake	<i>Heterodon simus</i>	Southern Hognose Snake	32	UNK	2013	SNR	G2	Limited distribution of the system/habitat, modification of vegetation composition; fire exclusion and suppression; unnatural forest conditions; plantation forestry; conversion and fragmentation;	Include as SCC.	S? in South Carolina. Petitioned to list as federally endangered. A proposal to list the southern hognose snake as State Threatened has been submitted.	Retain to SCC due to G2 rank and threats to habitat due to habitat modification, lack of fire, and anthropogenic disturbance.	Retain to List	SCC
Reptile	Snake	<i>Micrurus fulvius</i>	Eastern Coral Snake	10	UNK	2014	S2	G5	Limited distribution of the system/habitat; modification of vegetation composition; fire exclusion and suppression; unnatural forest conditions; plantation forestry; conversion and fragmentation;	Do Not Include	One of SC's least known reptile species. Few reports in Charleston County, no known documented occurrences on the Francis Marion in the past 10 years, but has been documented within proclamation boundary on private land within the last 15 years. The eastern coral snake was just confirmed on the Francis Marion (directly adjacent on private property) since the original spreadsheet was prepared.	Remove from SCC due to forest recommendation; not known to occur.	Do Not Include	
Reptile	Snake	<i>Nerodia floridana</i>	Florida Green Water Snake	5	UNK	1997	S2	G5	Limited distribution of the system/habitat; modification of vegetation composition; hydrologic modification of wetlands; conversion and fragmentation; intensive silviculture; intentional persecution;	Do Not Include	Priority for conservation in CWCP.	Remove from SCC due to forest recommendation; does not meet listing criteria for G rank.	Do Not Include	
Reptile	Lizard	<i>Ophisaurus compressus</i>	Island Glass Lizard	3	UNK	Unknwn	S1/S2	G3/G4	No known records from the forest; limited distribution of the system/habitat; modification of vegetation composition; conversion and fragmentation; intensive silviculture; intentional persecution;	Do Not Include		Remove from SCC due to forest recommendation; not known to occur.	Do Not Include	
Reptile	Snake	<i>Pituophis melanoleucus melanoleucus</i>	Northern Pine Snake	18 (Full sp)	UNK	2012	S3/S4	G4	Limited distribution of the system/habitat; modification of vegetation composition; fire exclusion and suppression; unnatural forest conditions; plantation forestry; conversion and fragmentation;	Include as SCC.	S3/S4 in South Carolina, CWCP priority species. Declining throughout the northeastern portion of its range. Believed to be uncommon to rare on the Francis Marion. Species of concern in North Carolina	Remove from SCC. Does not meet listing criteria for G/S ranks.	Do Not Include	

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Vascular Plant	Forb	<i>Agalinis aphylla</i>	Coastal Plain False-foxglove	4	1	2000	S1	G3G4	Dense canopy, lack of fire.	Include as SCC	Limited population occurs with <i>Sporobolus curtissi</i> .	Retain to SCC due to S1 status, few EOs, and threats to habitat from fire exclusion.	Retain to List	SCC
Vascular Plant	Forb	<i>Agalinis linifolia</i>	Agalinis	21	15	2003	SNR	G4?		Do Not Include	Population numbers appear stable.	Remove from SCC due to forest recommendation; does not meet listing criteria for G/S ranks.	Do Not Include	
Vascular Plant	Forb	<i>Agrimonia incisa</i>	Incised Groovebur	12	11	2013	S2	G3	NNIS, plantation pine forestry.	Do Not Include	Habitat abundant and stable/	Remove from SCC due to forest recommendation; substantial concern for persistence not demonstrated through threats or population decline.	Do Not Include	
Vascular Plant	Grass	<i>Amphicarpum muehlenbergianum</i>	Blue Maiden-cane	41	27	2003	S2S3	G4	Lack of fire.	Do Not Include	Habitat and populations appear to be stable.	Remove from SCC due to forest recommendation; does not meet listing criteria for G/S ranks.	Do Not Include	
Vascular Plant	Grass	<i>Andropogon gyrans</i> var. <i>stenophyllus</i>	Elliott's Bluestem	8	1	1996	S1	G4Q	Dense canopy, lack of fire, NNIS.	Include as SCC	Occurs in 23 counties in South Carolina.	Retain to SCC due to S1 status, few forest EOs, and threats to habitat from fire exclusion and non-native species.	Retain to List	SCC
Vascular Plant	Grass	<i>Andropogon mohrii</i>	Mohr's Bluestem	8	1	1997	S2	G4?	Dense canopy, lack of fire, NNIS.	Include as SCC	Habitat provided for in Rare Community Direction - Morgan Branch Seepage Slope	Retain to SCC due to S2 status, few forest EOs, and threats to habitat from fire exclusion and non-native species.	Retain to List	SCC
Vascular Plant	Grass	<i>Anthaenantia rufa</i>	Purple Silkyscale	8	2	2000	S2	G5	Lack of fire, NNIS.	Include as SCC	Occurs in 12 counties in South Carolina.	Retain to SCC due to S2 status, few forest EOs, threats to habitat from lack of fire and non-native species.	Retain to List	SCC
Vascular Plant	Grass	<i>Aristida beyrichiana</i>	Southern Wiregrass	2	2	2014	SNR	G5?	Lack of fire, NNIS.	Do Not Include	SNR/G5 Outside guidelines for listing.	Remove from SCC due to forest recommendation; does not meet listing criteria for G/S ranks.	Do Not Include	

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Vascular Plant	Forb	<i>Asclepia pedicellata</i>	Savanna Milkweed	11	3	2013	S2	G4	Lack of fire, feral hogs.	Include As SCC	Populations and habitat in decline on the Forest.	Retain to SCC due to S2 status, few forest EOs, and threats to declining habitat from lack of fire and non-native species.	Retain to List	SCC	20
Vascular Plant	Fern	<i>Asplenium heteroresiliens</i>	Wagner's Spleenwort	5	1	1981	S1	G2	NNIS	Do Not Include	Population likely extirpated.	Remove from SCC due to forest recommendation; not known to occur.	Do Not Include		
Vascular Plant	Fern	<i>Asplenium resiliens</i>	Black-stem Spleenwort	26	1	2000	S1	G5	NNIS.	Include as SCC	Habitat stable (Scenic Area Designation).	Retain to SCC due to S1 status, few EOs, and threats from non-native species.	Retain to List	SCC	21
Vascular Plant	Forb	<i>Brachyelytrum erectum</i>	Bearded Shorthusk	24 (counties in SC)	1	2012	SNR	G5	NNIS, plantation pine forestry.	Do Not Include	Known from 24 counties in South Carolina.	Remove from SCC due to forest recommendation; does not meet listing criteria for G/S ranks.	Do Not Include		
Vascular Plant	Fern	<i>Burmanna biflora</i>	Northern Bluethread	7	2	2002	S2	G4G5	Lack of fire, feral hogs.	Include as SCC	Documented from 12 counties in South Carolina; G4G5	Retain to SCC due to S2 status, few forest EOs, and threats to habitat from lack of fire and non-native species.	Retain to List	SCC	22
Vascular Plant	Forb	<i>Cabomba caroliniana</i>	Carolina Fanwort	14 (counties in SC)	1	2012	SNR	G4	NNIS, plantation pine forestry.	Do Not Include	Known from 14 counties in South Carolina.	Remove from SCC due to forest recommendation; does not meet listing criteria for G/S ranks.	Do Not Include		
Vascular Plant	Orchid	<i>Calopogon barbatus</i>	Bearded Grass-pink	6 (1 extirpated)	2	1975	S2	G4?	Lack of fire, poaching.	Include as SCC	Dated record; populations and habitat in decline on the Forest.	Retain to SCC due to S2 status, few EOs, threats to habitat from lack of fire, and threats from poaching.	Retain to List	SCC	23
Vascular Plant	Orchid	<i>Calopogon multiflorus</i>	Many-flower Grass-pink	1	2	1998	S1	G2G3	Lack of fire, poaching.	Include As SCC	Populations and habitat in decline on the Forest.	Retain to SCC due to G/S status, few EOs, threats to habitat from lack of fire, and threats from poaching.	Retain to List	SCC	24

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Vascular Plant	Sedge	<i>Carex basiantha</i>	Widow Sedge	18	1	1997	S2	G5	NNIS, plantation pine forestry.	Include as SCC	Habitat limited and threatened on the forest; relatively more common outside planning area.	Retain to SCC due to S2 status, few forest EOs, and threats to habitat from habitat modification and non-native species.	Retain to List	SCC	25
Vascular Plant	Sedge	<i>Carex chapmanii</i>	Chapman's Sedge	4	1	1962	S1	G3	NNIS, plantation pine forestry.	Do Not Include	Population likely extirpated.	Remove from SCC due to forest recommendation; not known to occur.	Do Not Include		
Vascular Plant	Sedge	<i>Carex crus-corvi</i>	Ravenfoot Sedge	3	1	2001	S2	G5	NNIS, plantation pine forestry.	Include As SCC	Habitat rare and included in proposed WSR/Rare Community Designation	Retain to SCC due to S2 status, few EOs, and threats to habitat from habitat modification and non-native species.	Retain to List	SCC	26
Vascular Plant	Sedge	<i>Carex decomposita</i>	Cypress-knee Sedge	19	Nearby	1998	S2	G3	NNIS, plantation pine forestry.	Do Not Include	Habitat stable on the Forest; not known to occur.	Remove from SCC due to forest recommendation; not known to occur.	Do Not Include		
Vascular Plant	Sedge	<i>Carex elliotii</i>	Elliott's Sedge	5	2	2003	S1	G4?	NNIS, dense canopies, lack of fire.	Include as SCC	Common (Weakley); calcareous habitat limited on forest and threatened.	Retain to SCC due to S1 status, few EOs, and threats to limited habitat from lack of fire and non-native species.	Retain to List	SCC	27
Vascular Plant	Sedge	<i>Carex granularis</i>	Meadow Sedge	13	1	1997	S2	G4	NNIS, plantation forestry.	Include as SCC	Habitat limited on the forest.	Retain to SCC due to S2 status, few forest EOs, and threats to habitat from habitat modification and non-native species.	Retain to List	SCC	28
Vascular Plant	Sedge	<i>Carex stricta</i>	Tussock Sedge	1	1	2012	S1	G5	NNIS, dense canopies, lack of fire.	Include as SCC	Common (Weakley); calcareous habitat limited on forest and threatened.	Retain to SCC due to S1 status, few EOs, and threats to limited habitat due to fire exclusion and non-native species.	Retain to List	SCC	29
Vascular Plant	Tree	<i>Carya myristiciformis</i>	Nutmeg Hickory	22	7	2014	S2	G4	NNIS, plantation pine forestry.	Include As SCC	Calcareous habitat limited on forest and threatened.	Retain to SCC, due to S2 status, relatively few EOs, and threats to limited habitat from habitat modification and non-native species.	Retain to List	SCC	30

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Vascular Plant	Forb	<i>Cayaponia quinqueloba</i>	Five-lobe Cayaponia	4	1	2012	S1?	G4	NNIS.	Do Not Include	Habitat stable on forest, known from 8 counties; scattered widely in Congaree and Santee River floodplains.	Remove from SCC due to forest recommendation; does not meet listing criteria for G rank.	Do Not Include	
Vascular Plant	Shrub	<i>Chamaedaphne calyculata</i>	Leather-leaf	3	1	1994	SNR	G5	Lack of fire.	Do Not Include	SNR/G5 ranks outside guidelines for listing.	Remove from SCC due to forest recommendation; does not meet listing criteria for G/S rank.	Do Not Include	
Vascular Plant	Sedge	<i>Chasmanthium nitidum</i>	Shiny Spikegrass	4	2	2012	S1	G3G4	NNIS, plantation pine forestry.	Include as SCC	Lowland woods habitat, primarily a wet savanna species. Also threatened by hydrologic alterations, lack of fire, and shrub encroachment.	Retain to SCC due to G/S status, few EOs, and threats to habitat from altered hydrology/habitat modification, lack of fire, and non-native species.	Retain to List	SCC
Vascular Plant	Rush	<i>Cladium mariscoides</i>	Twig-rush	4	1	2012	S1	G5	NNIS, lack of fire.	Include as SCC	Natureserve - secure at the moment; NC - S3; C149 Rare Community.	Retain to SCC due to S1 status, few EOs, and threats to habitat from lack of fire and non-native species.	Retain to List	SCC
Vascular Plant	Forb	<i>Coreopsis gladiata</i>	Southeastern Tickseed	41	8	2001	SNR	G4G5	Lack of fire.	Do Not Include	Everett - Seen infrequently, good indicator of wet pine savannah; Glitzenstein - common along limestone roadways; known from 21 counties in SC, 8 occurrences on the FMNF; S5 in GA, S2S3 in NC.	Remove from SCC due to forest recommendation; does not meet listing criteria for G/S rank.	Do Not Include	
Vascular Plant	Forb	<i>Coreopsis integrifolia</i>	Chipola Dye-flower	4	1	1997	S1	G1G2	Lack of fire, NNIS.	Include As SCC		Retain to SCC due to S1/G1G2 status, few EOs, and threats to habitat from fire exclusion and non-native species.	Retain to List	SCC
Vascular Plant	Forb	<i>Coreopsis pubescens</i>	Star Tickseed	9 (counties in SC)	21	2012	SNR	G5?	NNIS.	Do Not Include	NC-S47; GA - SNR; 21 EORs from the forest.	Remove from SCC due to forest recommendation; does not meet listing criteria for G/S rank.	Do Not Include	
Vascular Plant	Sedge	<i>Eleocharis tricostata</i>	Three-angle Spikerush	4	3	2003	S2?	G4		Do Not Include	Documented from 13 counties in South Carolina. Ranked S2S3 in NC and GA.	Remove from SCC due to forest recommendation; does not meet listing criteria for G rank.	Do Not Include	

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GROUP	TYPE	SCIENTIFIC NAME	COMMON NAME	STATE EOs	FOREST EOs	Last FOREST Obs	STATE RANK	GLOBAL RANK	THREATS	FOREST RECOMMENDATION	FOREST COMMENTS ON RECOMMENDATION	RO RECOMMENDATION	FINAL FOREST RECOMMENDATION	FINAL DETERMINATION/ RF SCC LIST	
Vascular Plant	Forb	<i>Eryngium aquaticum</i> var. <i>ravenelii</i>	Ravenel's Eryngo	7	2	2001	S1	G4T2T4 Q	Lack of frequent fire and growing season fire - shrub encroachment; dense canopies.	Include As SCC	Marl savanna habitat limited and in decline.	Retain to SCC due to S1 status, few forest EOs, and threats to limited, declining habitat from lack of fire.	Retain to List	SCC	34
Vascular Plant	Forb	<i>Eupatorium anomalum</i>	Florida Thorough-wort	2	1	2001	S1?	G2G3	NNIS, plantation pine forestry, sea level rise.	Do Not Include	Fewer than 5 stems last observed in 2001.	Retain to SCC due to S/G status, few EOs, and threats to habitat from habitat modification, non-native species and climate change.	Retain to List	SCC	35
Vascular Plant	Forb	<i>Eupatorium recurvans</i>	Coastal-plain Thorough-wort	4	1	1999	S1?	G3G4Q	Succession.	Include as SCC	Natureserve Watch List; Conserve as Rare Community.	Remove from SCC; taxon not recognized by NatureServe.	Do Not Include		
Vascular Plant	Forb	<i>Helenium pinnatifidum</i>	Southeastern Sneezeweed	22	7	2003	S1	G3G4	Lack of fire, feral hogs	Include As SCC		Retain to SCC due to S1 status, relatively few forest EOs, and threats to habitat from lack of fire and non-native species.	Retain to List	SCC	36
Vascular Plant	Forb	<i>Heliopsis helianthoides</i> var. <i>gracilis</i>	Pinewoods Oxeye	8 (counties in SC)	Locally Abundant	2012	SNR	G5T5?		Do Not Include	Persistence likely - abundant along Echaw Creek.	Remove from SCC due to forest recommendation; does not meet listing criteria for G/S rank.	Do Not Include		
Vascular Plant	Forb	<i>Iris tridentata</i>		13 (counties in SC)	57	2010	SNR	G3G4		Do Not Include	Persistence likely.	Remove from SCC due to forest recommendation; does not meet listing criteria for G/S rank.	Do Not Include		
Vascular Plant	Forb	<i>Lachnocaulon minus</i>	Small's Bogbutton	1	1	1996	S1	G3G4	Lack of frequent fire, dense canopies of loblolly pine, non-native invasive plant species, feral hogs.	Include as SCC	Common (Weakley).	Retain to SCC due to S1 status, few EOs, and threats to habitat from fire exclusion and non-native species.	Retain to List	SCC	37
Vascular Plant	Forb	<i>Lilium catesbaei</i>	Southern Red Lily	14 (counties in SC)	Scattered	2012	SNR	G4		Do Not Include	Persistence likely; scattered all over in savannas and sand ridges (Everett); Weakley - common.	Remove from SCC due to forest recommendation; does not meet listing criteria for G/S rank.	Do Not Include		

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Vascular Plant	Orchid	<i>Listera australis</i>	Southern Twayblade	17	5	1980	S2	G4	NNIS, plantation pine forestry.	Include as SCC	Habitat limited on forest; last EOR 1980.	Retain to SCC due to S2 status, few EOs, and threats to limited habitat from habitat modification and non-native species.	Retain to List	SCC	38
Vascular Plant	Shrub	<i>Litsea aestivalis</i>	Pondspice	68	56	2015	S3	G3	Laurel wilt, succession.	Do Not Include	Persistence likely.	Remove from SCC due to forest recommendation; substantial concern for persistence not demonstrated through threats or population decline.	Do Not Include		
Vascular Plant	Forb	<i>Lobelia boykinii</i>	Boykin's Lobelia	40	13	2012	S3	ARS/G2 G3	Pond cypress savanna habitat, threatened by shrub encroachment, lack of frequent fire, and lack of growing season fire.	Include As SCC	ARS Species/G2; population declines on the Forest.	Retain to SCC, due to G2/G3 status, and threats to habitat from habitat modification and lack of fire.	Retain to List	SCC	39
Vascular Plant	Forb	<i>Ludwigia lanceolata</i>	Lance-leaf Seedbox	2	1	2012	S1	G3	Lack of frequent fire and growing season fire (shrub encroachment).	Include As SCC		Retain to SCC due to G3/S1 status, few EOs, and threats to habitat from lack of fire.	Retain to List	SCC	40
Vascular Plant	Forb	<i>Lysimachia hybrida</i>	Lance-leaf Loosestrife	5	4	2003	S1	G5	Lack of fire, feral hogs.	Include as SCC	G5	Retain to SCC due to S1 status, few EOs, and threats to habitat from lack of fire and non-native species.	Retain to List	SCC	41
Vascular Plant	Forb	<i>Lysimachia loomisii</i>	Loomis' Loosestrife	7 (counties in SC)	1	2012	SNR	G3?	Lack of frequent fire and growing season fire (shrub encroachment).	Include As SCC		Retain to SCC due to G3? status, few forest EOs, and threats to habitat from lack of fire.	Retain to List	SCC	42
Vascular Plant	Forb	<i>Macbridea caroliniana</i>	Carolina Birds-in-a Nest	35	6	2014	S3	G2G3	Alteration of hydrology, dense canopies.	Include as SCC	USFWS ARS Species, they recommend for inclusion; FS population is experimental.	Retain to SCC due to G2G3 status, few forest EO's, and species threats.	Retain to List	SCC	43
Vascular Plant	Vine	<i>Matelea flavidula</i>	Carolina Milkvine	4 (counties in SC)	1	2001	SNR	G3?	NNIS, plantation pine forestry.	Include as SCC	Calcareous habitat limited on forest and threatened; rare community. One record documented in calcareous mesic hardwood, threatened by too frequent fire, pine management, and non-native invasive plants.	Retain to SCC, due to G3? rank, documented occurrence, and threats to limited habitat, due to habitat modification, too frequent fire, and non-native species.	Retain to List	SCC	44

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Vascular Plant	Forb	<i>Monotropa hypopithys</i>	Pinesap	21 (counties in SC)	?	?	SNR	G5		Do Not Include	This species is a G5, not ranked in South Carolina, and both North Carolina and Georgia rank as an S4. Occurs in 21 counties in South Carolina.	Remove from SCC due to forest recommendation; does not meet listing criteria for G/S rank.	Do Not Include	
Vascular Plant	Aquatic	<i>Myriophyllum laxum</i>	Piedmont Water-milfoil	21	3	2012	S2	G3	Aquatic species growing in depression ponds. Habitat threatened by feral hogs, alterations in hydrology due to woody tree growth, and lack of fire.	Include as SCC		Retain to SCC due to G3/S2 status, few forest EOs, and threats to aquatic habitat from altered hydrology, lack of fire, and non-native species.	Retain to List	SCC
Vascular Plant	Forb	<i>Oenothera riparia</i>	Riverbank Evening Primrose		Possible		SNR	G3		Do Not Include	Not known to occur on the forest.	Remove from SCC due to forest recommendation; not known to occur.	Do Not Include	
Vascular Plant	Fern	<i>Ophioglossum petiolatum</i>	Longstem Adderstongue	2	1	1987	S1	G5		Do Not Include	Widespread likely introduced in NA (Weakley). Last EOR-1997.	Remove from SCC due to forest recommendation; does not meet listing criteria for G rank; native status uncertain.	Do Not Include	
Vascular Plant	Forb	<i>Parnassia caroliniana</i>	Carolina Grass-of-Parnassus	12	Experimental		S2	G5		Do Not Include	Experimental population.	Remove from SCC due to forest recommendation; does not meet listing criteria for G rank.	Do Not Include	
Vascular Plant	Aquatic	<i>Peltandra sagittifolia</i>	Spoon-flower	9	3	2012	S2	G3G4	Lack of fire.	Do Not Include	Populations stable in pocosins.	Remove from SCC due to forest recommendation; substantial concern for persistence not demonstrated through threats or population decline.	Do Not Include	
Vascular Plant	Vine	<i>Phaseolus polystachios var. sinuatus</i>	Wild Kidney Bean	18 (counties in SC)	1	2012	SNR	G5		Do Not Include	Known from 18 counties in South Carolina; occasional in Echaw Road Area (Glitzenstein).	Remove from SCC due to forest recommendation; does not meet listing criteria for G/S rank.	Do Not Include	
Vascular Plant	Forb	<i>Physalis walteria</i>	Walter's groundcherry	7 (counties in SC)	1	2012	SNR	G4		Do Not Include	Known from 7 Counties in South Carolina.	Remove from SCC due to forest recommendation; does not meet listing criteria for G/S rank.	Do Not Include	

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Vascular Plant	Shrub	<i>Pieris phillyreifolia</i>	Climbing Fetterbush	8	7	2012	S1	G3	Hardwood swamp canopy clearing.	Do Not Include	Host plant for rare butterfly; habitat stable, populations extensive.	Remove from SCC due to forest recommendation; substantial concern for persistence not demonstrated through threats or population decline.	Do Not Include	
Vascular Plant	Forb	<i>Plantago sparsiflora</i>	Pineland Plantain	25	7	2014	S2	G3	Lack of disturbance, plantation pine forestry.	Do Not Include	Common along select roadsides.	Remove from SCC due to forest recommendation; substantial concern for persistence not demonstrated through threats or population decline.	Do Not Include	
Vascular Plant	Orchid	<i>Platanthera integra</i>	Yellow Fringeless Orchid	23	13	2001	S1	G3G4	Lack of fire, dense canopies.	Include As SCC	Population and habitat declines on the Forest.	Retain to SCC, due to S1 status and threats to declining habitat from lack of fire.	Retain to List	SCC
Vascular Plant	Orchid	<i>Ponthieva racemosa</i>	Shadow-witch Orchid	14	4	2001	S2	G4G5	NNIS, plantation pine forestry.	Include as SCC	Known from 8 counties in South Carolina.	Retain to SCC due to S2 status, few forest EOs, and threats to habitat from habitat modification and non-native species.	Retain to List	SCC
Vascular Plant	Orchid	<i>Pteroglossaspis ecristata</i>	Crestless Plume Orchid	62	14	2012	S2	G2G3	Lack of fire, dense canopies.	Include as SCC	Possible population declines. Upland longleaf woodland habitat suffers from lack of frequent fire, growing season fire, and encroachment from competing species, especially fire-tolerant broadleaf species that increase canopy density.	Retain to SCC, due to G/S status and threats to habitat from lack of fire.	Retain to List	SCC
Vascular Plant	Tree	<i>Quercus similis</i>	Bottom-land Post Oak	9	2	2014	S1	G4	NNIS, plantation pine forestry.	Include As SCC	Habitat limited and threatened on the Forest.	Retain to SCC, due to S1 status, few forest EOs, and threats to limited habitat from habitat modification and non-native species.	Retain to List	SCC
Vascular Plant	Forb	<i>Rhexia aristosa</i>	Awmed Meadowbeauty	93	22	2012	S3	G3	Lack of fire, feral hogs.	Do Not Include	Population numbers appear to be stable.	Remove from SCC due to forest recommendation; substantial concern for persistence not demonstrated through threats or population decline.	Do Not Include	
Vascular Plant	Sedge	<i>Rhynchospora breviflora</i>	Short-bristle Baldrush	5	3	2003	S1	G3G4	Lack of fire, dense canopies.	Include as SCC	Conserved within Rare Community/Botanical Area (Florida Bay).	Retain to SCC due to S1 status, few EOs, and threats to habitat from lack of fire.	Retain to List	SCC

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Vascular Plant	Sedge	<i>Rhynchospora cephalantha</i> var. <i>attenuata</i>	Small bunched Beak Sedge	1	1	1997	S1	G5T3?		Include as SCC	Natureserve Watch List; conserved in Rare Community/Botanical Area location.	Remove from SCC. Taxon is not recognized by NatureServe; synonymized with <i>Rhynchospora cephalantha</i> on USDA Plants.	Remove from list	
Vascular Plant	Sedge	<i>Rhynchospora globularis</i> var. <i>pinetorum</i>	Beakrush	4	3	2001	S1	G5?T3?	Lack of fire, dense canopies.	Include as SCC		Retain to SCC, due to S1 status, few EOs, and threats to habitat from lack of fire.	Retain to List	SCC
Vascular Plant	Sedge	<i>Rhynchospora harperi</i>	Harper Beakrush	6	2	2003	S1	G4?	Lack of fire, dense canopies.	Include as SCC	Conserved in Rare Community/Botanical Area (Florida Bay), and Depressional Wetlands and Carolina Bays in Management Area 1.	Retain to SCC due to S1 status, few forest EOs, and threats to habitat from lack of fire.	Retain to List	SCC
Vascular Plant	Sedge	<i>Rhynchospora inundata</i>	Drowned Hornedrush	26	5	2003	S2?	G4?		Do Not Include	Known from 11 counties, 26 counties in South Carolina.	Remove from SCC due to forest recommendation; does not meet listing criteria for G rank.	Do Not Include	
Vascular Plant	Sedge	<i>Rhynchospora oligantha</i>	Few-flowered Beaked-rush	11	4	2003	S2	G4	Lack of fire, dense canopies.	Include as SCC		Retain to SCC due to S2 status, few EOs, and threats to habitat from lack of fire.	Retain to List	SCC
Vascular Plant	Sedge	<i>Rhynchospora pleiantha</i>	Brown Beaked-rush	1	2	2012	S1	G2G3	Drought, feral hogs.	Include As SCC	Habitat in decline - Florida Bay.	Retain to SCC due to G/S status, few EOs, and threats to declining habitat from non-native species.	Retain to List	SCC
Vascular Plant	Sedge	<i>Rhynchospora scirpoides</i>	Long-beaked Beaksedge	4	3	2002	S2	G4	Lack of fire, feral hogs.	Include as SCC	Conserved in Rare Community/Botanical Area (Florida Bay), and Depressional Wetlands and Carolina Bays in Management Area 1.	Retain to SCC due to S2 status, few EOs, and threats to habitat from lack of fire and non-native species.	Retain to List	SCC
Vascular Plant	Sedge	<i>Rhynchospora stenophylla</i>	Chapman Beakrush	13	1	2012	S1	G4	Lack of fire, dense canopies.	Include as SCC	Conserved in Rare Community/Botanical Area location; Morgan Branch Seepage Slope.	Retain to SCC due to S1 status, few forest EOs, and threats to habitat from lack of fire.	Retain to List	SCC

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Vascular Plant	Sedge	<i>Rhynchospora tracyi</i>	Tracy's Beaksedge	39	13	2003	S3	G4		Do Not Include	Population numbers appear to be stable	Remove from SCC due to forest recommendation; substantial concern for persistence not demonstrated through threats or population decline.	Do Not Include	
Vascular Plant	Forb	<i>Rudbeckia heliopsidis</i>	Sun-facing Coneflower	12	1	1994	S1S2	ARS/G2 G3		Do Not Include	Misidentified; outside habitat and range on the Forest.	Remove from SCC due to forest recommendation; not known to occur.	Do Not Include	
Vascular Plant	Forb	<i>Ruellia strepens</i>	Limestone Petunia	2	1	2011	S1	G4G5	NNIS, plantation pine forestry.	Include as SCC	G4G5; Habitat common and stable on the Forest.	Retain to SCC due to S1 status, few EOs, and threats to habitat from habitat modification and non-native species.	Retain to List	SCC
Vascular Plant	Shrub	<i>Sageretia minutiflora</i>	Tiny-leaved Buckthorn	2	2	2010	S3	G4	NNIS, recreational use, sea level rise.	Do Not Include	Does not meet listing criteria.	Remove from SCC due to forest recommendation; does not meeting listing criteria for G/S rank.	Do Not Include	
Vascular Plant	Carnivorous	<i>Sarracenia rubra var. rubra</i>	Sweet Pitcher-plant	56	23	2012	S3S4	G4T3	Succession, poaching, lack of fire.	Do Not Include	Patchy but widespread in distribution.	Remove from SCC due to forest recommendation; does not meeting listing criteria for G/S rank.	Do Not Include	
Vascular Plant	Sedge	<i>Scirpus lineatus</i>	Drooping bulrush	7 (counties in SC)	Occasional	2012	SNR	G4		Do Not Include	Occasional in Jerico/marl swamps (Glitzenstein).	Remove from SCC due to forest recommendation; does not meeting listing criteria for G/S rank.	Do Not Include	
Vascular Plant	Forb	<i>Sida Elliottii</i>	Elliott's Fanpetals	6 (counties in SC)	1	2014	SNR	G4G5		Do Not Include	Georgia - S2?, NC - SNR; Weakley - uncommon. Known from 6 counties in South Carolina.	Remove from SCC due to forest recommendation; does not meeting listing criteria for G/S rank.	Do Not Include	
Vascular Plant	Orchid	<i>Spiranthes laciniata</i>	Lace-lip Ladies'-tresses	14	9	2003	S1S2	G4G5	Lack of fire, dense canopies.	Include as SCC	Occurs in 12 counties in South Carolina.	Retain to SCC due to S1S2 status and threat to habitat from lack of fire.	Retain to List	SCC

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Vascular Plant	Grass	<i>Sporobolus curtissii</i>	Pineland Dropseed	7	21	2012	S1	G3	Lack of fire, dense canopies.	Include As SCC	Documented habitat and population declines.	Retain to SCC due to G3/S1 rank, and threats to declining habitat due to lack of fire.	Retain to List	SCC	59
Vascular Plant	Grass	<i>Sporobolus pinetorum</i>	Carolina Dropseed	8	4	2012	S2	G3	Lack of fire, dense canopies.	Include As SCC	Documented habitat and population declines.	Retain to SCC due to G3/S2 status, few forest EOs, and threats to declining habitat from lack of fire.	Retain to List	SCC	60
Vascular Plant	Forb	<i>Stachys aspera</i>	Hyssopleaf hedgenettle	13 (counties in SC)	3	2012	SNR	G4?		Do Not Include	Known from 13 Counties in State; NC-S2, GA-SNR; Weakley - uncommon.	Remove from SCC due to forest recommendation; does not meeting listing criteria for G/S rank.	Do Not Include		
Vascular Plant	Forb	<i>Stachys hyssopifolia</i>	Hyssopleaf hedgenettle	13 (counties in SC)	3	2012	SNR	G4G5		Do Not Include	Known from 13 Counties in State; Weakley - uncommon.	Remove from SCC due to forest recommendation; does not meeting listing criteria for G/S rank.	Do Not Include		
Vascular Plant	Forb	<i>Stokesia laevis</i>	Stokes' Aster	2 (counties in SC)	1	2012	SNR	G4		Do Not Include	Not rare (Everett).	Remove from SCC due to forest recommendation; does not meeting listing criteria for G/S rank.	Do Not Include		
Vascular Plant	Forb	<i>Trichostema dichotomum</i>	Forked Bluecurls	43 (counties in SC)	1	2012	SNR	G5		Do Not Include	Probably common (Glitzenstein).	Remove from SCC due to forest recommendation; does not meeting listing criteria for G/S rank.	Do Not Include		
Vascular Plant	Grass	<i>Tridens carolinianus</i>	Carolina fluffgrass	16	14	2012	S1	G3G4		Do Not Include	Population numbers appear to be stable.	Remove from SCC due to forest recommendation; substantial concern for persistence not demonstrated through threats or population decline.	Do Not Include		
Vascular Plant	Grass	<i>Tridens chapmanii</i>	Chapman's Redtop	5	1	2000	S1	G3	Lack of fire, plantation forestry.	Include as SCC.	Disturbed marl habitats, sandhill seeps.	Retain to SCC due to G3/S1 status, few forest EOs, and threats to habitat from lack of fire and habitat modification.	Retain to List	SCC	61

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GROUP	TYPE	SCIENTIFIC NAME	COMMON NAME	STATE EOs	FOREST EOs	Last FORES T Obs	STATE RANK	GLOBAL RANK	THREATS	FOREST RECOMMENDATION	FOREST COMMENTS ON RECOMMENDATION	RO RECOMMENDATION	FINAL FOREST RECOMMENDATION	FINAL DETERMINATION/ RF SCC LIST
Vascular Plant	Grass	<i>Tridens strictus</i>	Longspike Fluffgrass	1	1	2012	S1	G5		Do Not Include	Misidentified.	Remove from SCC due to forest recommendation; not known to occur.	Do Not Include	
Vascular Plant	Orchid	<i>Triphora trianthophora</i>	Threebirds Orchid	16	2	1983	S2	G3G4	NNIS, plantation pine forestry.	Include as SCC	Last EOR 1983.	Retain to SCC due to S2 status, few forest EOs, threats to habitat from habitat modification and non-native species.	Retain to List	SCC
Vascular Plant	Aquatic	<i>Utricularia macrorhiza</i>	Greater Bladderwort	2	1	2000	S1	G5	Hydrology of depression ponds easily disrupted by lack of fire and management; habitat threatened by feral hog damage.	Include as SCC	Habitat stable on the forest.	Retain to SCC due to S1 status, few EOs, and threats to habitat from non-native species.	Retain to List	SCC
Vascular Plant	Forb	<i>Xyris brevifolia</i>	Short-leaved Yellow-eyed Grass	5	2	2001	S1	G4G5	Lack of fire, dense canopies.	Include as SCC	Locations not precise.	Retain to SCC due to S1 status, few EOs, and threats to habitat from lack of fire.	Retain to List	SCC
Vascular Plant	Forb	<i>Xyris difformis var. floridana</i>	Florida Yellow-eyed Grass	8	2	2003	S2	G5T4T5	Lack of fire, dense canopies.	Include as SCC	S2; Florida Bay habitat in decline.	Retain to SCC due to S2 status, few forest EOs, and threats to declining habitat from lack of fire.	Retain to List	SCC
Vascular Plant	Forb	<i>Xyris elliotii</i>	Elliott Yellow-eyed Grass	21	16	2003	S2	G4		Do Not Include	S2; Population numbers appear to be stable.	Remove from SCC due to forest recommendation; substantial concern for persistence not demonstrated through threats or population decline.	Do Not Include	
Vascular Plant	Forb	<i>Xyris flabelliformis</i>	Savannah Yellow-eyed Grass	4	1	2001	S1	G4	Lack of fire, dense canopies.	Include as SCC	Current population is located in a borrow pit. Weakley lists habitat as seasonally wet pinelands and flatwoods, and margins of Carolina bay sandrims.	Retain to SCC due to S1 status, few EOs, and threats to habitat from habitat modification and non-native species.	Retain to List	SCC
Vascular Plant	Forb	<i>Xyris stricta</i>	Pineland Yellow-eyed Grass	4	1	2001	S1	G4	Lack of fire, dense canopies.	Include as SCC.	Habitat in decline - Awendaw Savanna; conserved through rare community prescription.	Retain to SCC due to S1 status, few EOs, and declining habitat due to fire exclusion.	Retain to List	SCC

UNK=Unknown
NT=Not Tracked