Appendix G: Wildlife Exhibit

Table 1: Search List of Federal and State T&E Plant and Animal Species Potentially Occurring in Santa Rosa County

Plants and Lichens Scientific Name	Common Name	Federal Status	State Status
Andropogon arctatus	Pine-woods Bluestem	N	LT
Baptisia calycosa var. villosa	Hairy Wild Indigo	N	LT
Calamovilfa curtissii	Curtiss' Sandgrass	N	LT
Calycanthus floridus	Sweet-shrub	N	LE
Carex baltzellii	Baltzell's Sedge	N	LT
Chrysopsis godfreyi	Godfrey's Goldenaster	N	LE
Chrysopsis gossypina ssp. cruiseana	Cruise's Goldenaster	N	LE
Coelorachis tuberculosa	Piedmont Jointgrass	N	LT
Drosera intermedia	Spoon-leaved Sundew	N	LT
Eleocharis rostellata	Beaked Spikerush	N	LE
Epigaea repens	Trailing Arbutus	N	LE
Fothergilla gardenii	Dwarf Witch-alder	N	LE
Hexastylis arifolia	Heartleaf	N	LT
Ilex amelanchier	Serviceberry Holly	N	LT
Juncus gymnocarpus	Coville's Rush	N	LE
Kalmia latifolia	Mountain Laurel	N	LT
Lachnocaulon digynum	Bog Button	N	LT
Lepuropetalon spathulatum	Little-people	N	LE
Lilium iridollae	Panhandle Lily	N	LE
Lobelia boykinii	Pond's Lobelia	N	LE
Macranthera flammea	Hummingbird Flower	N	LE
Magnolia ashei	Ashe's Magnolia	N	LE
Magnolia pyramidata	Pyramid Magnolia	N	LE
Najas filifolia	Narrowleaf Naiad	N	LT
Pinguicula primuliflora	Primrose-flowered Butterwort	N	LE
Platanthera blephariglottis var. conspicua	White Fringe Orchid	N	LT
Platanthera ciliaris	Yellow Fringe Orchid	N	LT
Platanthera clavellata	Little Club-spur Orchid	N	LE
Platanthera cristata	Crested Fringed Orchid	N	LT
Platanthera integra	Yellow Fringeless Orchid	N	LE
Pogonia (Cleistes) bifaria	Fernald's Pogonia	N	LT
Polygonella macrophylla	Large-leaved Jointweed	N	LT
Potamogeton floridanus	Florida Pondweed	N	LE
Pteroglossaspis ecristata	Giant Orchid	N	LT
Quercus arkansana	Arkansas Oak	N	LT
Rhexia parviflora	Small-flowered Meadowbeauty	N	LE
Rhododendron austrinum	Florida Flame Azalea	N	LE
Rhynchospora crinipes	Hairy-peduncled Beaksedge	N	LE
Sarracenia leucophylla	White-top Pitcherplant	N	LE
Sarracenia psittacina	Parrot Pitcherplant	N	LT
Sarracenia rosea (S. purpurea burkii)	Gulf Purple Pitcherplant	N	LT
Sarracenia rubra	Sweet Pitcherplant	N	LT
Sideroxylon thornei	Thorne's Buckthorn	N	LE
Stewartia malacodendron	Silky Camellia	N	LE
Tephrosia mohrii	Pineland Hoary-pea	N	LT

Xyris scabrifolia	Harper's Yellow-eyed Grass	N	LT

Bivalves (Clams and Mussels)		**Federal**	**State**
Scientific Name	**Common Name**	**Status**	**Status**
Fusconaia escambia	Narrow Pigtoe	C	N
Fusconaia rotulata	Round Ebonyshell	C	N
Pleurobema strodeanum	Fuzzy Pigtoe	C	N
Villosa choctawensis	Choctaw Bean	C	N

Fish		**Federal**	**State**
Scientific Name	**Common Name**	**Status**	**Status**
Acipenser oxyrinchus desotoi	Gulf Sturgeon	LT	FT
Crystallaria asprella	Crystal Darter	N	ST
Etheostoma histrio	Harlequin Darter	N	SSC
Fundulus jenkinsi	Saltmarsh Topminnow	SC	SSC
Notropis melanostomus	Blackmouth Shiner	N	ST
Pteronotropis welaka	Bluenose Shiner	N	SSC

Amphibians		**Federal**	**State**
Scientific Name	**Common Name**	**Status**	**Status**
Ambystoma bishopi	Reticulated Flatwoods Salamander	LE	FE
Hyla andersonii	Pine Barrens Treefrog	N	SSC
Rana capito	Gopher Frog	N	SSC
Rana okaloosae	Florida Bog Frog	N	SSC

Reptiles		**Federal**	**State**
Scientific Name	**Common Name**	**Status**	**Status**
Alligator mississippiensis	American Alligator	SAT	FT(S/A)
Caretta caretta	Loggerhead	LT	FT
Chelonia mydas	Green Turtle	LE	FE
Dermochelys coriacea	Leatherback	LE	FE
Drymarchon couperi	Eastern Indigo Snake	LT	FT
Gopherus polyphemus	Gopher Tortoise	N	ST
Lepidochelys kempii	Kemp's Ridley	LE	FE
Macrochelys temminckii	Alligator Snapping Turtle	N	SSC
Pituophis melanoleucus mugitus	Florida Pine Snake	N	SSC

Birds		**Federal**	**State**
Scientific Name	**Common Name**	**Status**	**Status**
Charadrius alexandrinus	Snowy Plover	N	ST
Charadrius melodus	Piping Plover	LT	FT
Cistothorus palustris marianae	Marian's Marsh Wren	N	SSC
Egretta caerulea	Little Blue Heron	N	SSC
Egretta thula	Snowy Egret	N	SSC
Egretta tricolor	Tricolored Heron	N	SSC
Eudocimus albus	White Ibis	N	SSC
Falco sparverius paulus	Southeastern American Kestrel	N	ST

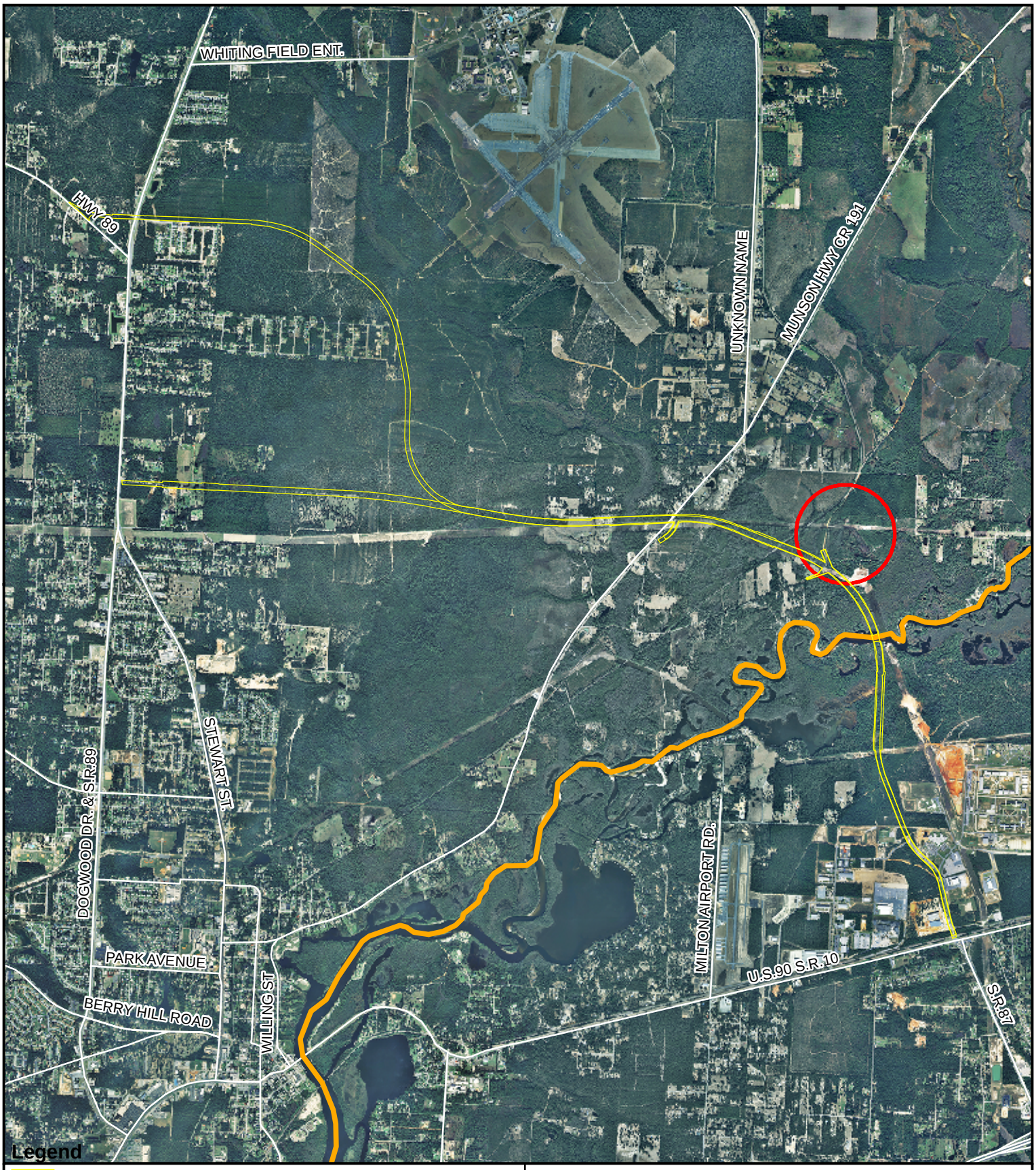
Haematopus palliatus	American Oystercatcher	N	SSC
Mycteria americana	Wood Stork	LE	FE
Pandion haliaetus	Osprey	N	SSC*
Pelecanus occidentalis	Brown Pelican	N	SSC
Picoides borealis	Red-cockaded Woodpecker	LE	FE
Rynchops niger	Black Skimmer	N	SSC
Sternula antillarum	Least Tern	N	ST

Mammals		**Federal**	**State**
Scientific Name	**Common Name**	**Status**	**Status**
Sciurus niger shermani	Sherman's Fox Squirrel	N	SSC
Tamias striatus	Eastern Chipmunk	N	SSC
Trichechus manatus	Manatee	LE	FE
Ursus americanus floridanus	Florida Black Bear	N	ST*

Table 2: List of Federal and State T&E Plant and Animal Species Observed within the SR 87 Alignment 1 and 2 Areas During the Field Survey September 2011

Plants and Lichens		**Federal**	**State**
Scientific Name	**Common Name**	**Status**	**Status**
Andropogon arctatus	Pine-woods Bluestem	N	LT
Baptisia calycosa var. villosa	Hairy Wild Indigo	N	LT
Calamovilfa curtissii	Curtiss' Sandgrass	N	LT
Drosera intermedia	Spoon-leaved Sundew	N	LT
Lilium iridollae	Panhandle Lily	N	LE
Pinguicula primuliflora	Primrose-flowered Butterwort	N	LE
Platanthera ciliaris	Yellow Fringe Orchid	N	LT
Pogonia (Cleistes) bifaria	Fernald's Pogonia	N	LT
Rhexia parviflora	Small-flowered Meadowbeauty	N	LE
Sarracenia leucophylla	White-top Pitcherplant	N	LE
Sarracenia psittacina	Parrot Pitcherplant	N	LT
Sarracenia rosea (S. purpurea burkii)	Gulf Purple Pitcherplant	N	LT

Reptiles		**Federal**	**State**
Scientific Name	**Common Name**	**Status**	**Status**
Gopherus polyphemus	Gopher Tortoise	N	ST



Legend

- Alignments
- Gulf Sturgeon Habitat*
- Reticulated Flatwoods Salamander Habitat*
- majrds

* Data obtained from USFWS <http://criticalhabitat.fws.gov/docs/crithab/crithab_all/crithab_all_layers.zip>

0 0.5 1 2 Miles

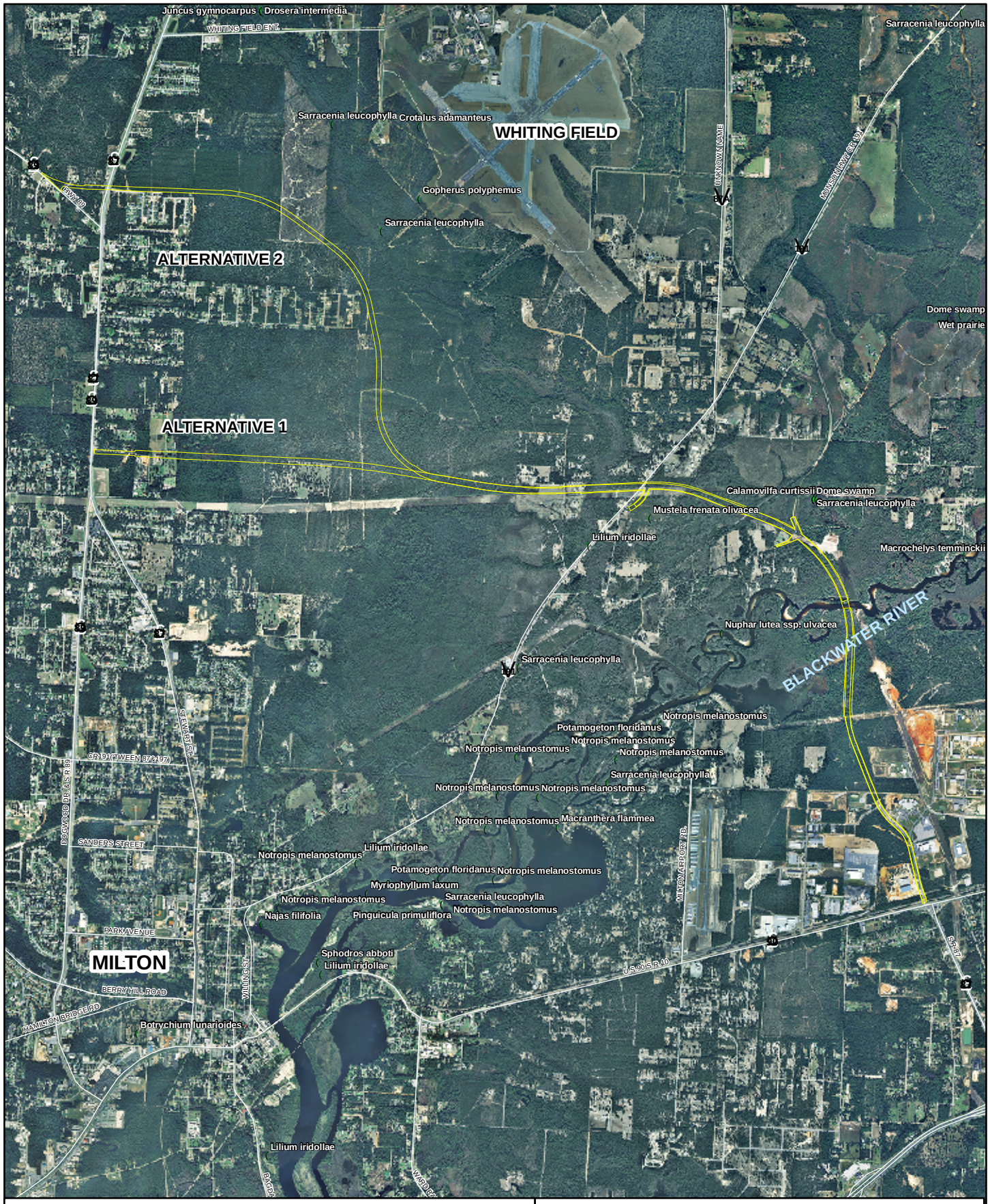
2010 True Color Aerial

Critical Habitat Map

SR 87 PD&E Study
FDOT

Ecological Resource Consultants, Inc.

ERC #09-143



Legend:

FNAI Element Occurence Data - 2009

Alignments

1:48,000

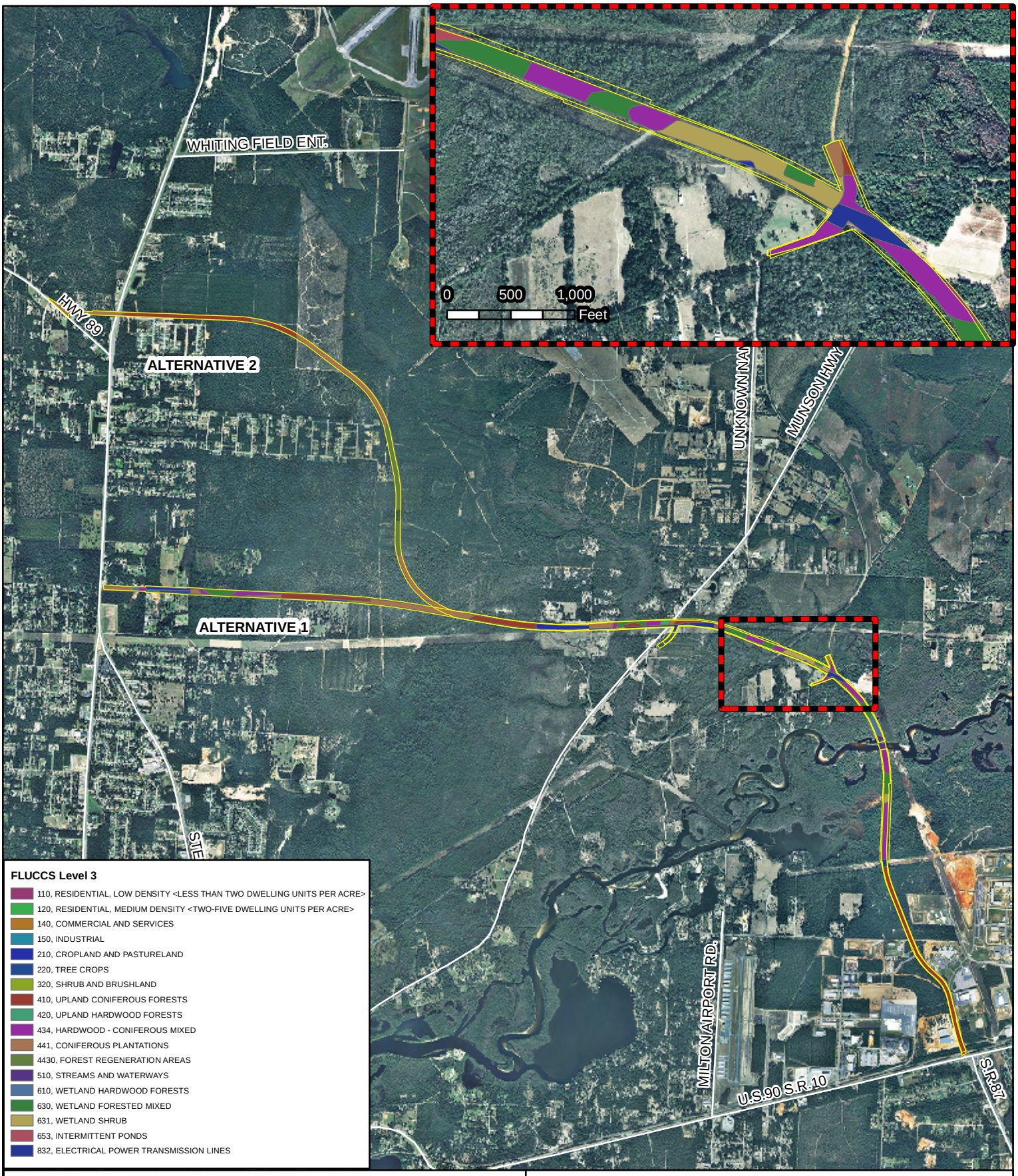
2010 True Color Aerials

0 2,000 4,000 8,000 12,000 Feet

FNAI Element Occurence Map
SR 87 PD&E Study
FDOT

Ecological Resource Consultants, Inc.

ERC# 09-143



Legend:

Alignments

1:45,159
2010 True Color Aerial

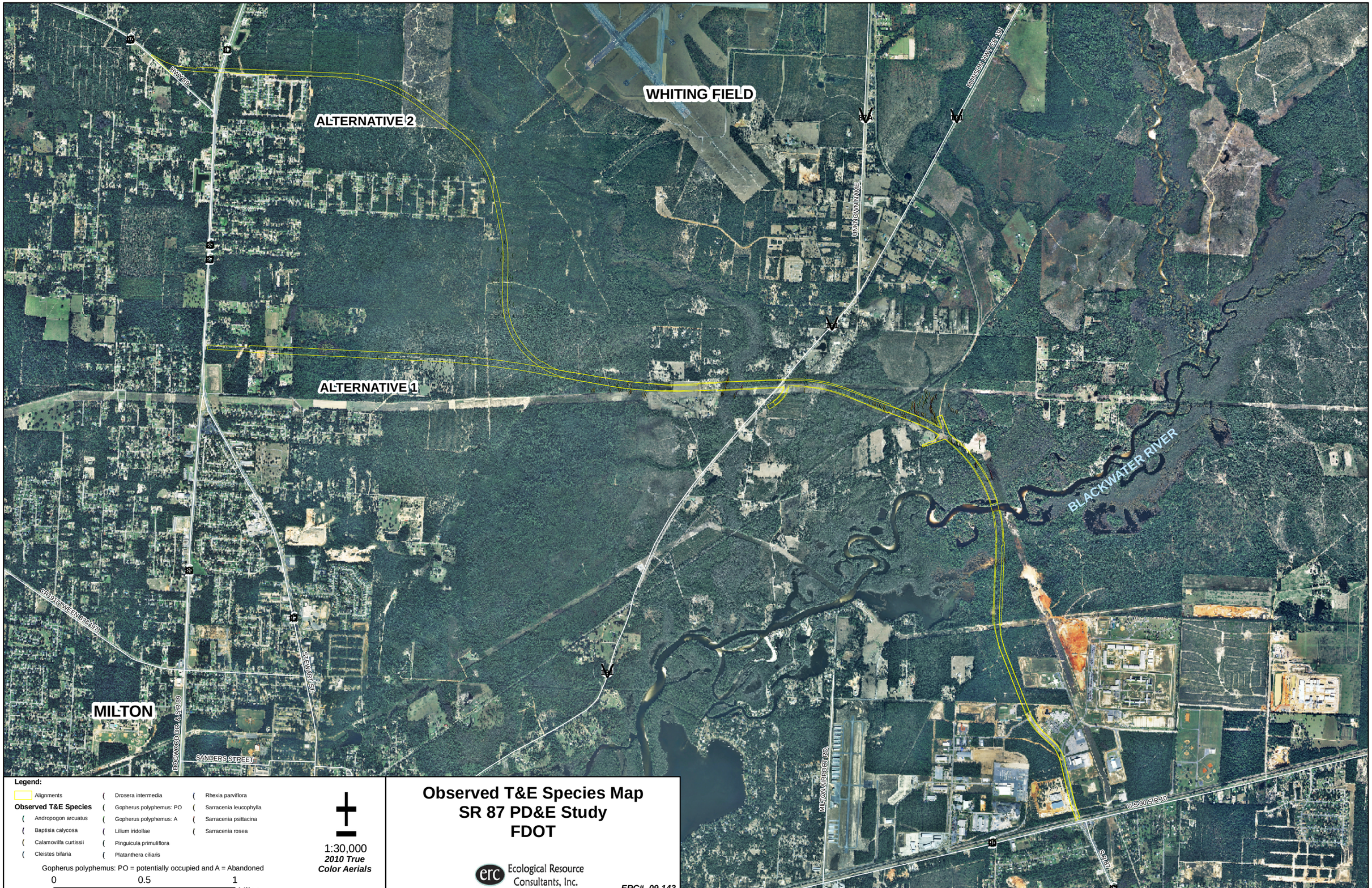
0 2,000 4,000 8,000 12,000 Feet

FLUCCS Map

SR 87 Connector PD&E

Ecological Resource Consultants, Inc.

ERC# 09-143



Legend:

Alignments

Observed T&E Species

- Andropogon arcuatus
- Baptisia calycosa
- Calamovilfa curtissii
- Cleistes bifaria
- Drosera intermedia
- Gopherus polyphemus: PO
- Gopherus polyphemus: A
- Lilium iridollae
- Pinguicula primuliflora
- Platanthera ciliaris
- Rhexia parviflora
- Sarracenia leucophylla
- Sarracenia psittacina
- Sarracenia rosea

Gopherus polyphemus: PO = potentially occupied and A = Abandoned

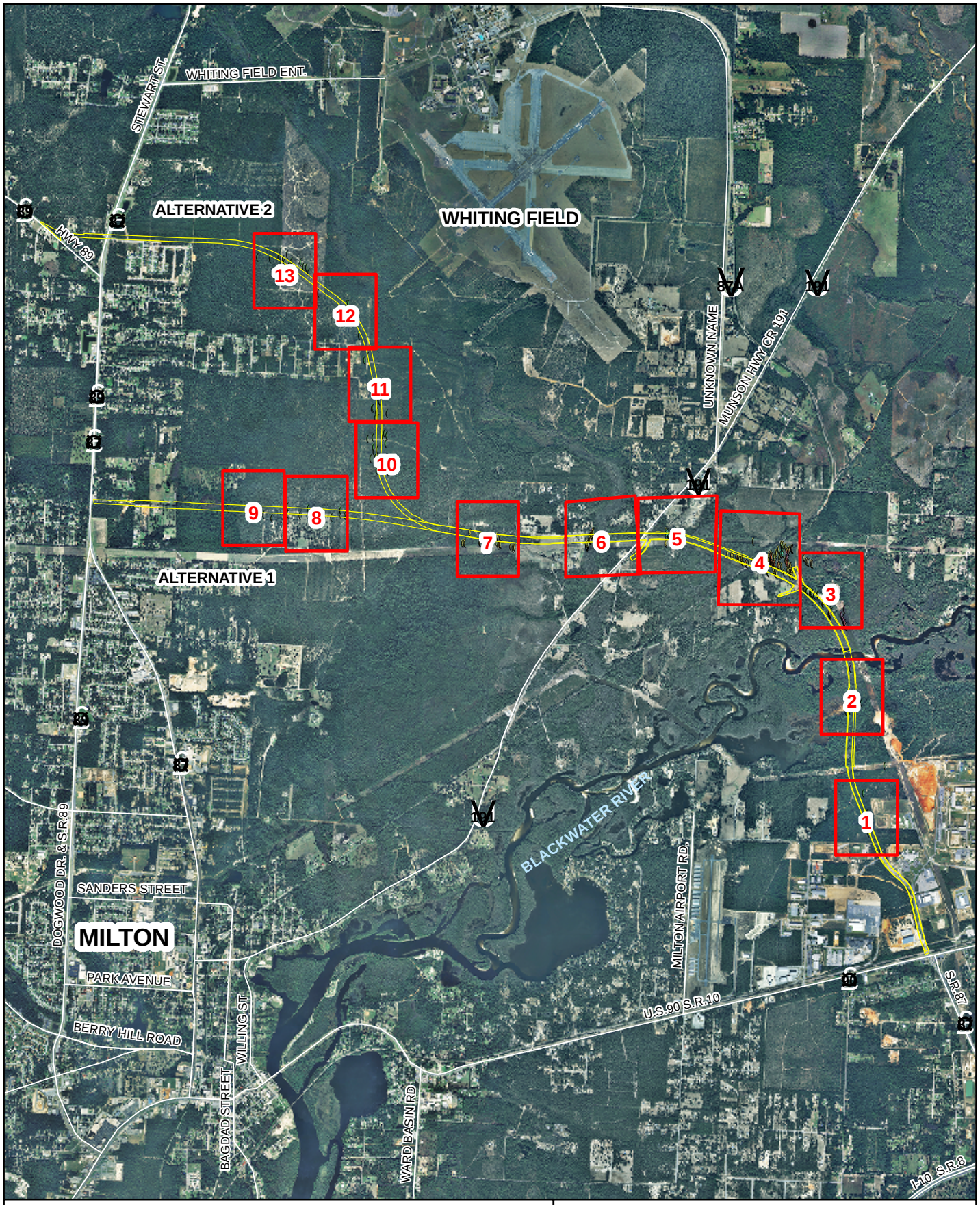
0 0.5 1 Miles

1:30,000
2010 True Color Aerials

Observed T&E Species Map
SR 87 PD&E Study
FDOT

Ecological Resource Consultants, Inc.

ERC# 09-143



Legend:

- Alignments
- Map Key Sheets

Observed T&E Species

- Andropogon arcuatus
- Baptisia calycosa
- Calamovilfa curtissii
- Cleistes bifaria
- Drosera intermedia
- Gopherus polyphemus: PO
- Gopherus polyphemus: A
- Lilium iridollae
- Pinguicula primuliflora
- Platanthera ciliaris
- Rhexia parviflora
- Sarracenia leucophylla
- Sarracenia psittacina
- Sarracenia rosea majrds

Gopherus polyphemus: PO = potentially occupied and A = Abandoned

0 0.5 1 2 Miles

1:48,000

2010 True Color Aerials

T&E Species Map Key
SR 87 PD&E Study
FDOT

Ecological Resource Consultants, Inc.

ERC# 09-143

Legend:

- Andropogon arcuatus
- Baptisia calycosa
- Calamovilfa curtissii
- Cleistes bifaria
- Drosera intermedia
- Gopherus polyphemus: PO*
- Gopherus polyphemus: A*
- Lilium iridollae
- Pinguicula primuliflora
- Plataanthera ciliaris
- Rhexia parviflora
- Sarracenia leucophylla
- Sarracenia psittacina
- Sarracenia rosea

* Numbers adjacent to the GPS points represent the number of individuals observed at each point.
Gopherus polyphemus: PO = potentially occupied and A = Abandoned

0 200 400 800 Feet

1:3,000

2010 True Color Aerials

Observed T&E Species Map 1
SR 87 PD&E Study
FDOT

Ecological Resource Consultants, Inc.

ERC# 09-143

Legend:

- Andropogon arcuatus
- Baptisia calycosa
- Calamovilfa curtissii
- Cleistes bifaria
- Drosera intermedia
- Gopherus polyphemus: PO*
- Gopherus polyphemus: A*
- Lilium iridollae
- Pinguicula primuliflora
- Plataanthera ciliaris
- Rhexia parviflora
- Sarracenia leucophylla
- Sarracenia psittacina
- Sarracenia rosea

* Numbers adjacent to the GPS points represent the number of individuals observed at each point.
Gopherus polyphemus: PO = potentially occupied and A = Abandoned

0 200 400 800 Feet

1:3,000

2010 True Color Aerials

Observed T&E Species Map 2
SR 87 PD&E Study
FDOT

Ecological Resource Consultants, Inc.

ERC# 09-143

Legend:

- Andropogon arcuatus
- Baptisia calycosa
- Calamovilfa curtissii
- Cleistes bifaria
- Drosera intermedia
- Gopherus polyphemus: PO*
- Gopherus polyphemus: A*
- Lilium iridollae
- Pinguicula primuliflora
- Plataanthera ciliaris
- Rhexia parviflora
- Sarracenia leucophylla
- Sarracenia psittacina
- Sarracenia rosea

* Numbers adjacent to the GPS points represent the number of individuals observed at each point.
Gopherus polyphemus: PO = potentially occupied and A = Abandoned

0 200 400 800 Feet

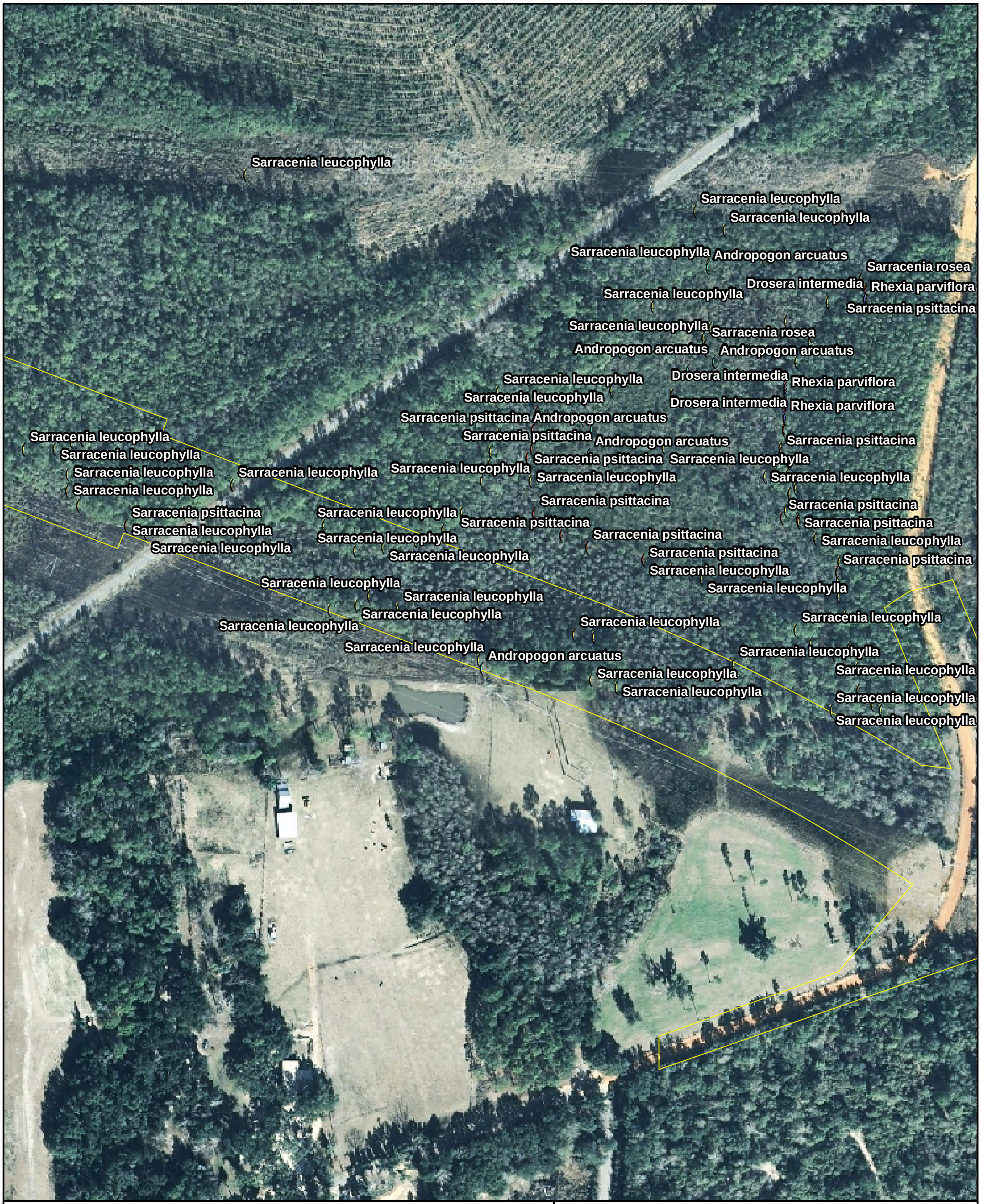
1:3,000

2010 True Color Aerials

Observed T&E Species Map 3
SR 87 PD&E Study
FDOT

Ecological Resource Consultants, Inc.

ERC# 09-143



Legend:

- Andropogon arcuatus
- Baptisia calycosa
- Calamovilfa curtissii
- Cleistes bifaria
- Drosera intermedia
- Gopherus polyphemus: PO*
- Gopherus polyphemus: A*
- Lilium iridollae
- Pinguicula primuliflora
- Platanthera ciliaris
- Rhexia parviflora
- Sarracenia leucophylla
- Sarracenia psittacina
- Sarracenia rosea

* Numbers adjacent to the GPS points represent the number of individuals observed at each point.
Gopherus polyphemus: PO = potentially occupied and A = Abandoned

0 200 400 800
Feet

1:3,000

2010 True Color Aerials

Observed T&E Species Map 4
SR 87 PD&E Study
FDOT

Ecological Resource Consultants, Inc.

ERC# 09-143

Legend:

- Andropogon arcuatus
- Baptisia calycosa
- Calamovilfa curtissii
- Cleistes bifaria
- Drosera intermedia
- Gopherus polyphemus: PO*
- Gopherus polyphemus: A*
- Lilium iridollae
- Pinguicula primuliflora
- Plataanthera ciliaris
- Rhexia parviflora
- Sarracenia leucophylla
- Sarracenia psittacina
- Sarracenia rosea

* Numbers adjacent to the GPS points represent the number of individuals observed at each point.
Gopherus polyphemus: PO = potentially occupied and A = Abandoned

0 200 400 800 Feet

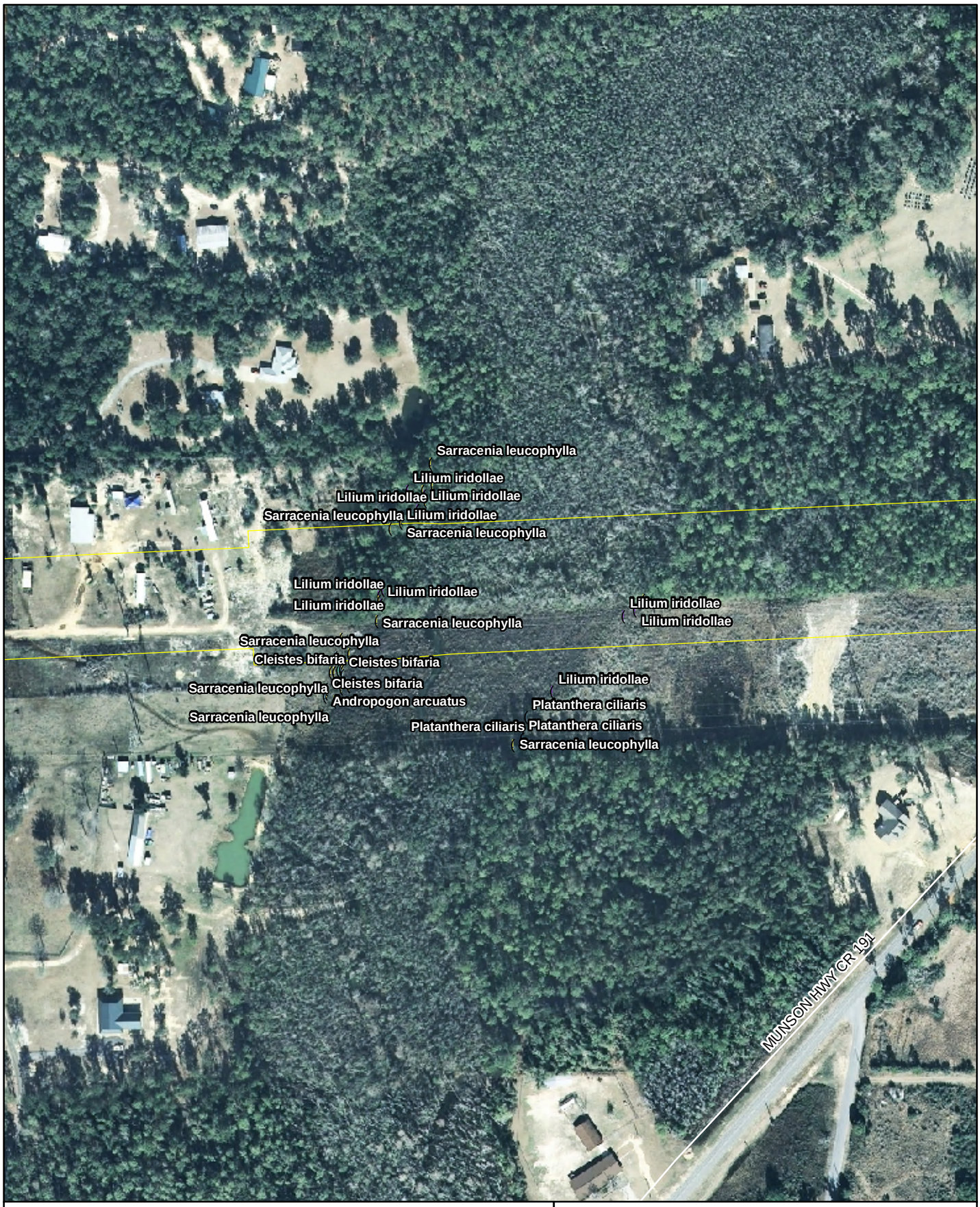
1:3,000

2010 True Color Aerials

Observed T&E Species Map 5
SR 87 PD&E Study
FDOT

Ecological Resource Consultants, Inc.

ERC# 09-143



Legend:

- Andropogon arcuatus
- Baptisia calycosa
- Calamovilfa curtissii
- Cleistes bifaria
- Drosera intermedia
- Gopherus polyphemus: PO*
- Gopherus polyphemus: A*
- Lilium iridollae
- Pinguicula primuliflora
- Platanthera ciliaris
- Rhexia parviflora
- Sarracenia leucophylla
- Sarracenia psittacina
- Sarracenia rosea

* Numbers adjacent to the GPS points represent the number of individuals observed at each point.
Gopherus polyphemus: PO = potentially occupied and A = Abandoned

0 200 400 800 Feet

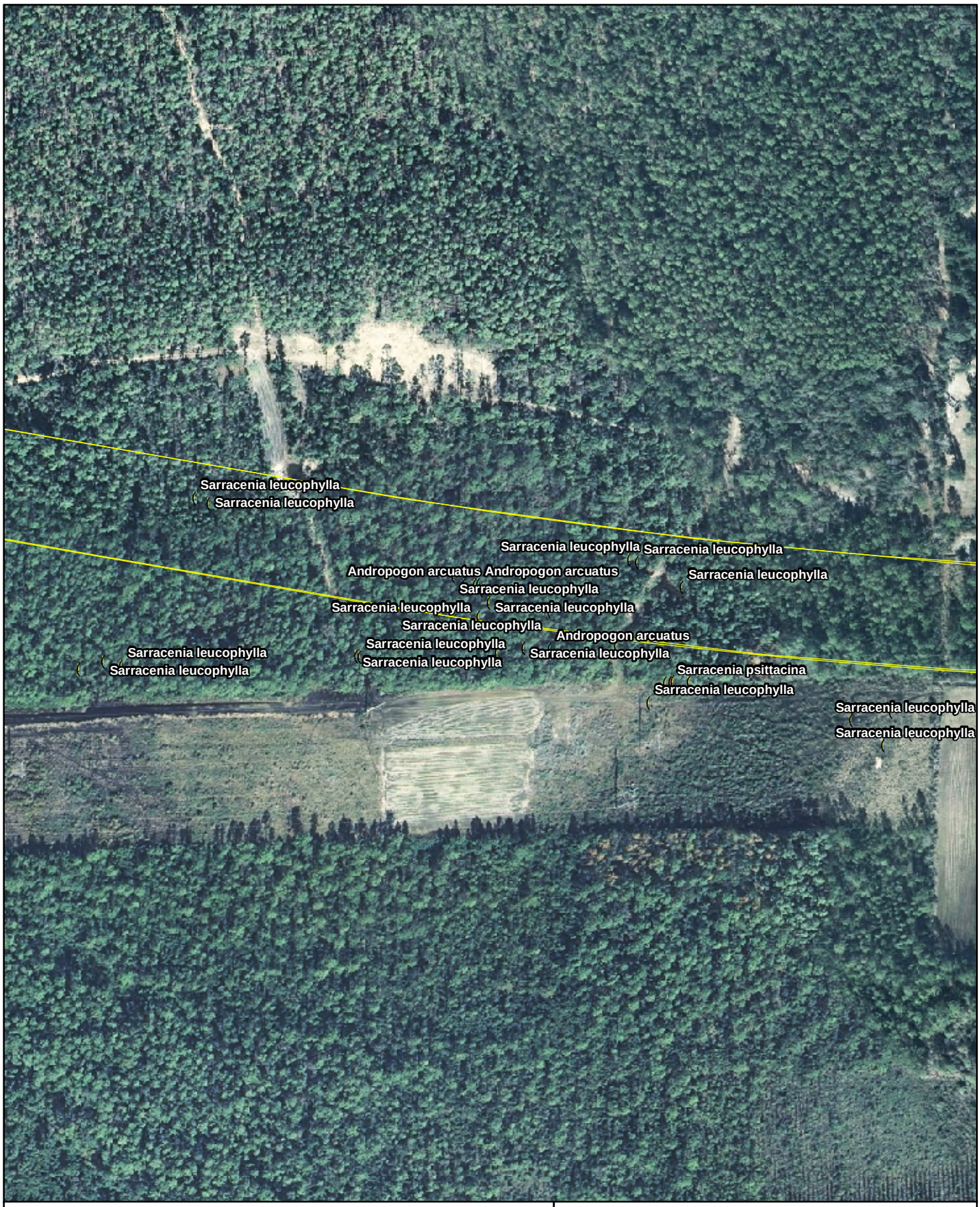
1:3,000

2010 True Color Aerials

Observed T&E Species Map 6
SR 87 PD&E Study
FDOT

Ecological Resource Consultants, Inc.

ERC# 09-143



Legend:

Andropogon arcuatus	Gopherus polyphemus: PO*	Rhexia parviflora
Baptisia calycosa	Gopherus polyphemus: A*	Sarracenia leucophylla
Calamovilfa curtissii	Lilium iridollae	Sarracenia psittacina
Cleistes bifaria	Pinguicula primuliflora	Sarracenia rosea
Drosera intermedia	Plataanthera ciliaris	Alignments

* Numbers adjacent to the GPS points represent the number of individuals observed at each point.
Gopherus polyphemus: PO = potentially occupied and A = Abandoned

0 200 400 800 Feet

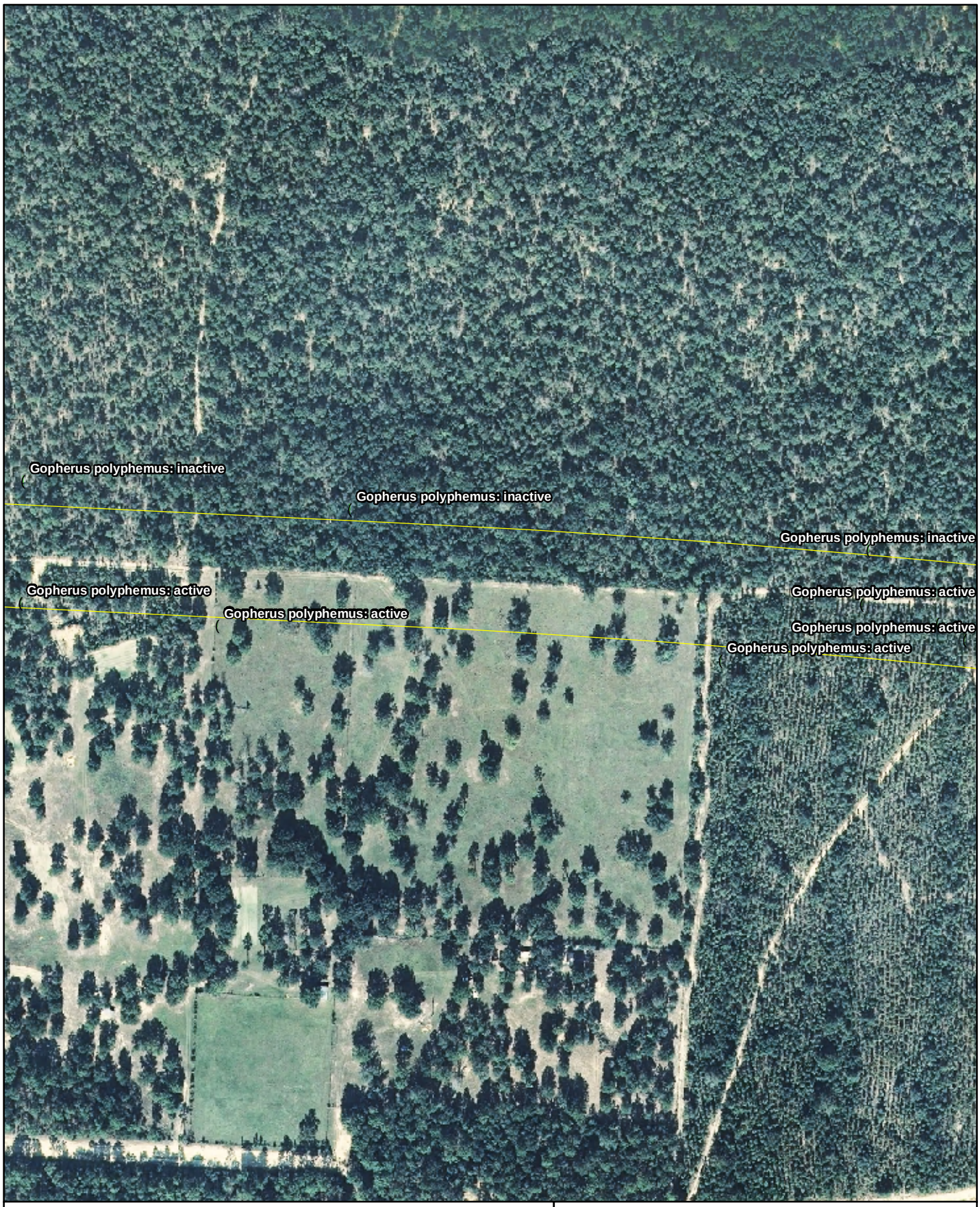
1:3,000

2010 True Color Aerials

Observed T&E Species Map 7
SR 87 PD&E Study
FDOT

Ecological Resource Consultants, Inc.

ERC# 09-143



Legend:

- Andropogon arcuatus
- Baptisia calycosa
- Calamovilfa curtissii
- Cleistes bifaria
- Drosera intermedia
- Gopherus polyphemus: PO*
- Gopherus polyphemus: A*
- Lilium iridollae
- Pinguicula primuliflora
- Plataanthera ciliaris
- Rhexia parviflora
- Sarracenia leucophylla
- Sarracenia psittacina
- Sarracenia rosea
- Alignment 1

* Numbers adjacent to the GPS points represent the number of individuals observed at each point.
Gopherus polyphemus: PO = potentially occupied and A = Abandoned

0 200 400 800 Feet

1:3,000

2010 True Color Aerials

Observed T&E Species Map 8
SR 87 PD&E Study
FDOT

Ecological Resource Consultants, Inc.

ERC# 09-143

Legend:

- Andropogon arcuatus
- Baptisia calycosa
- Calamovilfa curtissii
- Cleistes bifaria
- Drosera intermedia
- Gopherus polyphemus: PO*
- Gopherus polyphemus: A*
- Lilium iridollae
- Pinguicula primuliflora
- Plataniera ciliaris
- Rhexia parviflora
- Sarracenia leucophylla
- Sarracenia psittacina
- Sarracenia rosea
- Alignment 1

* Numbers adjacent to the GPS points represent the number of individuals observed at each point.
Gopherus polyphemus: PO = potentially occupied and A = Abandoned

0 200 400 800 Feet

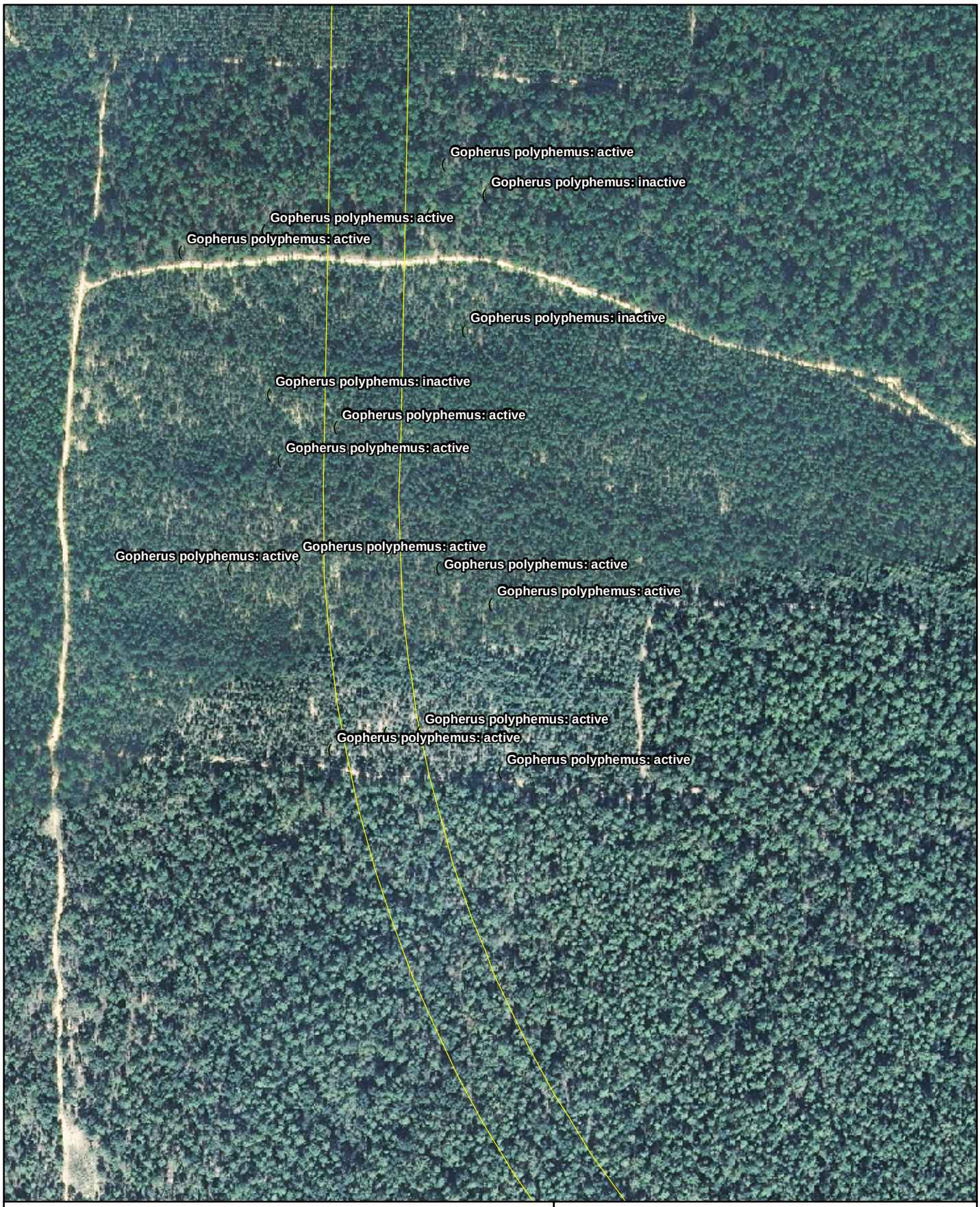
1:3,000

2010 True Color Aerials

Observed T&E Species Map 9
SR 87 PD&E Study
FDOT

Ecological Resource Consultants, Inc.

ERC# 09-143



Legend:

- Andropogon arcuatus
- Baptisia calycosa
- Calamovilfa curtissii
- Cleistes bifaria
- Drosera intermedia
- Gopherus polyphemus: PO*
- Gopherus polyphemus: A*
- Lilium iridollae
- Pinguicula primuliflora
- Plataanthera ciliaris
- Rhexia parviflora
- Sarracenia leucophylla
- Sarracenia psittacina
- Sarracenia rosea
- Alignment 2

* Numbers adjacent to the GPS points represent the number of individuals observed at each point.
Gopherus polyphemus: PO = potentially occupied and A = Abandoned

0 200 400 800 Feet

1:3,000

2010 True Color Aerials

Observed T&E Species Map 10
SR 87 PD&E Study
FDOT

Ecological Resource Consultants, Inc.

ERC# 09-143

Legend:

- Andropogon arcuatus
- Baptisia calycosa
- Calamovilfa curtissii
- Cleistes bifaria
- Drosera intermedia
- Gopherus polyphemus: PO*
- Gopherus polyphemus: A*
- Lilium iridollae
- Pinguicula primuliflora
- Plataanthera ciliaris
- Rhexia parviflora
- Sarracenia leucophylla
- Sarracenia psittacina
- Sarracenia rosea
- Alignment 2

* Numbers adjacent to the GPS points represent the number of individuals observed at each point.
Gopherus polyphemus: PO = potentially occupied and A = Abandoned

0 200 400 800 Feet

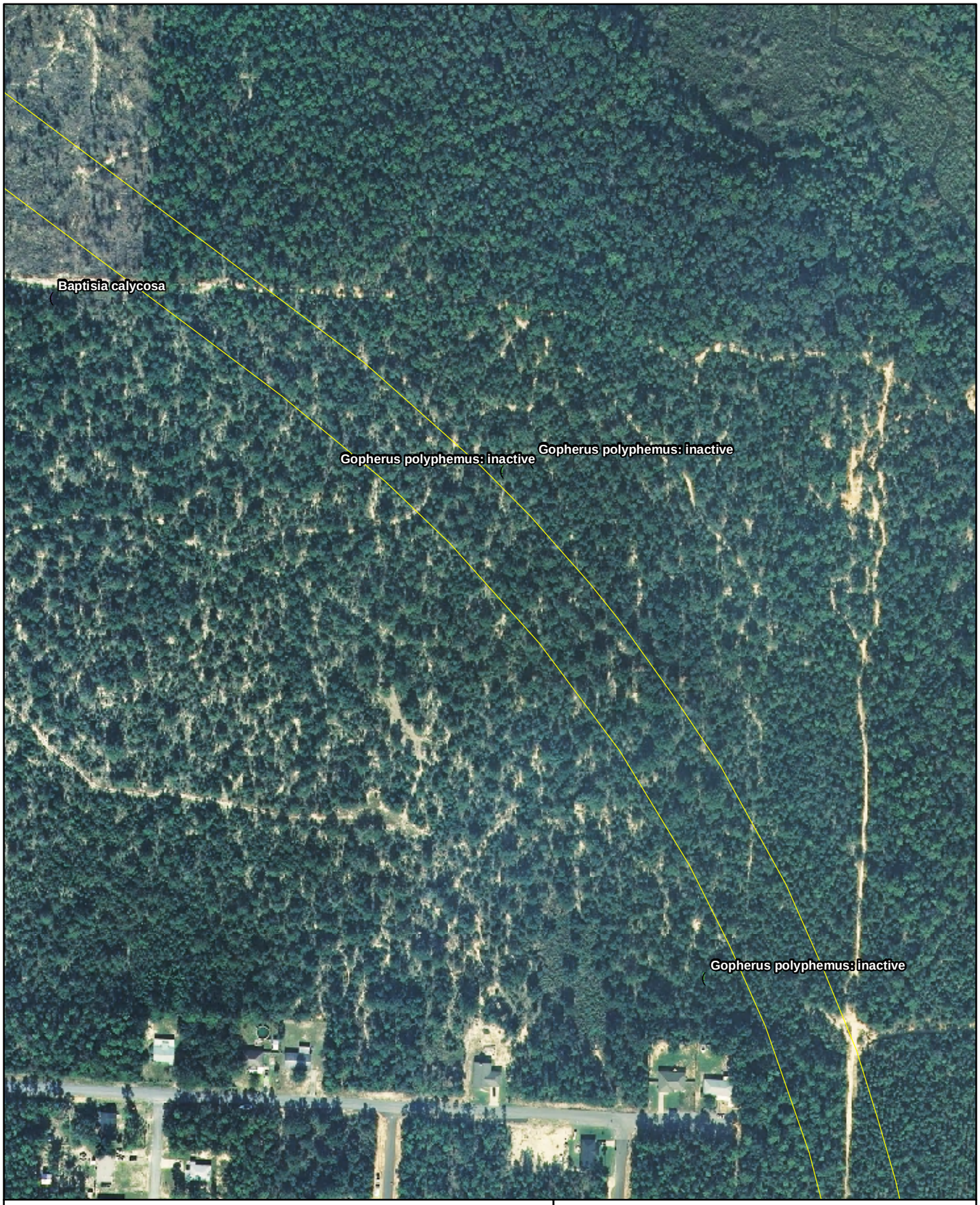
1:3,000

2010 True Color Aerials

Observed T&E Species Map 11
SR 87 PD&E Study
FDOT

Ecological Resource Consultants, Inc.

ERC# 09-143



Legend:

- Andropogon arcuatus
- Baptisia calycosa
- Calamovilfa curtissii
- Cleistes bifaria
- Drosera intermedia
- Gopherus polyphemus: PO*
- Gopherus polyphemus: A*
- Lilium iridollae
- Pinguicula primuliflora
- Plataanthera ciliaris
- Rhexia parviflora
- Sarracenia leucophylla
- Sarracenia psittacina
- Sarracenia rosea
- Alignment 2

* Numbers adjacent to the GPS points represent the number of individuals observed at each point.
Gopherus polyphemus: PO = potentially occupied and A = Abandoned

0 200 400 800 Feet

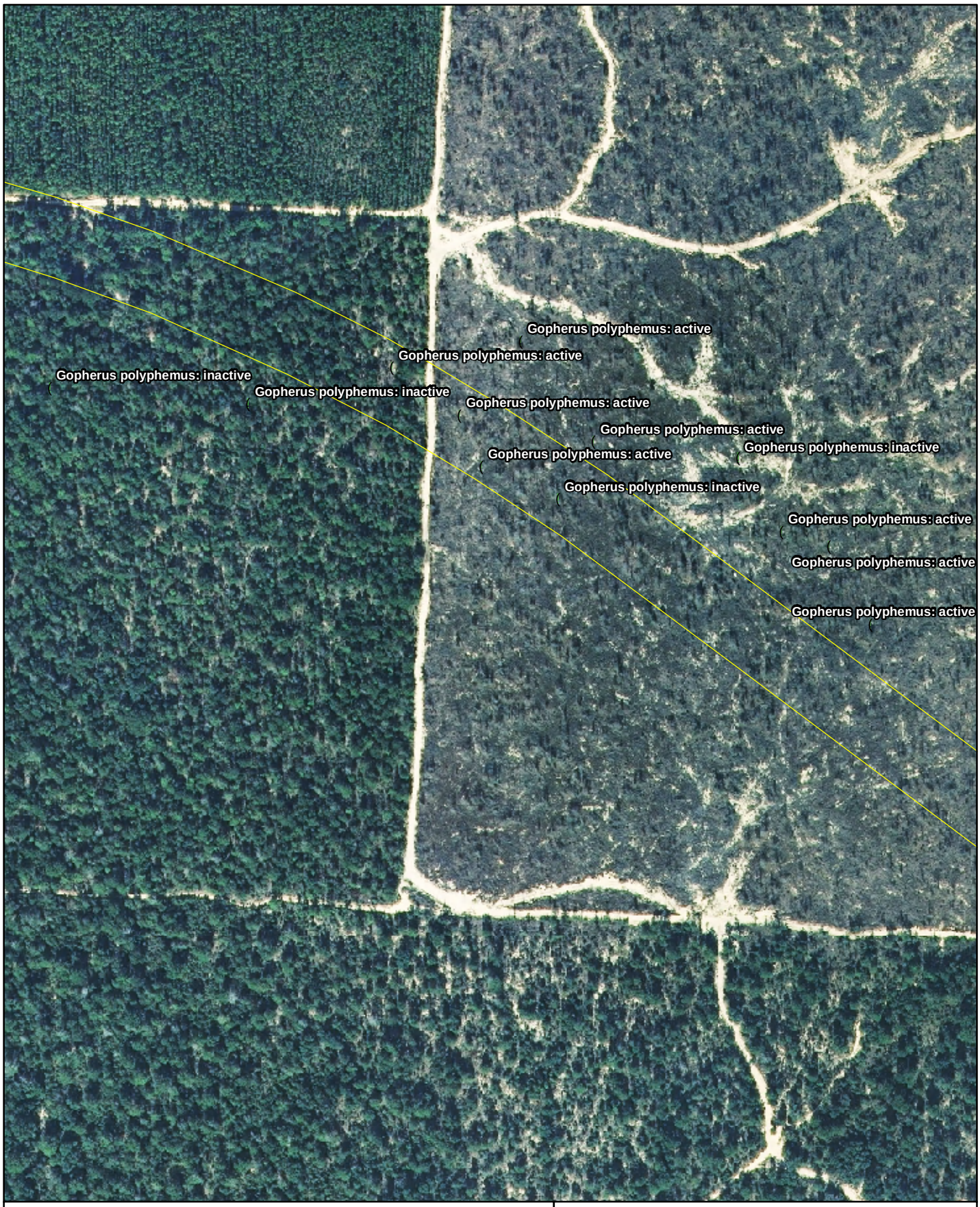
1:3,000

2010 True Color Aerials

Observed T&E Species Map 12
SR 87 PD&E Study
FDOT

Ecological Resource Consultants, Inc.

ERC# 09-143



Legend:

- Andropogon arcuatus
- Baptisia calycosa
- Calamovilfa curtissii
- Cleistes bifaria
- Drosera intermedia
- Gopherus polyphemus: PO*
- Gopherus polyphemus: A*
- Lilium iridollae
- Pinguicula primuliflora
- Plataanthera ciliaris
- Rhexia parviflora
- Sarracenia leucophylla
- Sarracenia psittacina
- Sarracenia rosea
- Alignment 2

* Numbers adjacent to the GPS points represent the number of individuals observed at each point.
Gopherus polyphemus: PO = potentially occupied and A = Abandoned

0 200 400 800 Feet

1:3,000

2010 True Color Aerials

Observed T&E Species Map 13
SR 87 PD&E Study
FDOT

Ecological Resource Consultants, Inc.

ERC# 09-143

Legend

FWC Black Bear Road Kills*

Alignments

* Data obtained from FWC <http://research.myfwc.com/> and depicts data from 1976-2009

0 2.5 5 Miles

2010 True Color Aerial

Black Bear Road Kills

SR 87 PD&E Study
FDOT

Ecological Resource Consultants, Inc.

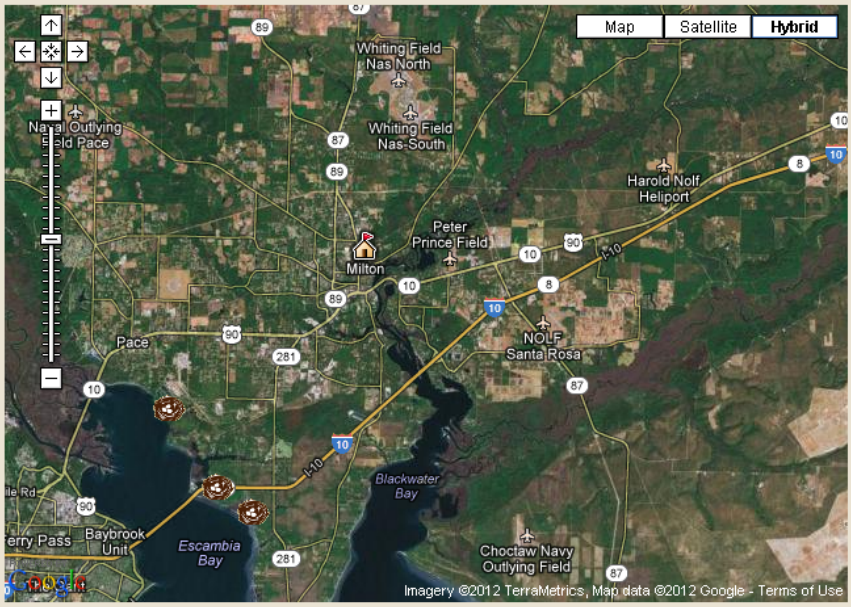
ERC #09-143

Bald Eagle Nest Data

https://public.myfwc.com/FWRI/EagleNests/nestlocator.aspx

Nest Map:
3 nests were found that meet the search criteria.

Print



Bald Eagle Nest Data Search Results:

Results per page: 20

	Nest ID	County	Latitude	Longitude	Known Active	Last Survey	Distance
View History	SR001	Santa Rosa	30 33.84	87 08.55	2011	2011	7.72
View History	SR002	Santa Rosa	30 31.72	87 06.99	2011	2011	8.49
View History	SR004	Santa Rosa	30 31.04	87 05.90	2007	2011	8.68

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