



United States Department of the Interior  
FISH AND WILDLIFE SERVICE  
MISSISSIPPI WETLAND MANAGEMENT DISTRICT  
P.O. Box 1070  
GRENADA, MISSISSIPPI 38901



May 20, 1996

Allan J. Mueller  
U.S. Fish and Wildlife Service  
2524 South Frontage Road, Suite B  
Vicksburg, MS 39180-5269

Dear Mr. Mueller:

Enclosed is a completed colony form for Pennington FmHA. I have included a map and GPS coordinates that might help you further pinpoint the location of this colony. I transferred to Grenada from South Florida in January and I'm just now getting my feet on the ground here.

I have seen white ibis on our properties since late May, but have found no evidence of nesting. We also have good numbers of great egrets, fewer little blue and fewer still snowy egrets feeding on several of our properties, but I haven't noticed any colonies for these species in Tallahatchie, Leflore or Quitman counties. In June I saw young of the year black-crowned night-herons and a yellow-crowned night-heron in Tallahatchie and Leflore counties respectively, but again no confirmed nests or colonies. Are there colonies in the Delta I should know about?

I did a lot of wading bird colony work (aerial and on ground) in Florida and if I could assist your efforts from here in Grenada let me know.

Sincerely,

Fred Broerman  
Wildlife Biologist  
601-226-8286 ext 14  
MWMD@watervalley.net

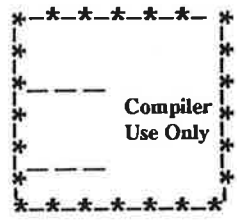
COLONY NAME: Pennington FMHA Mississippi Colonial Waterbird Count Form

(Use other side to describe a new colony or update description for a known colony) (check one)  
 COLONY CODE NO: TALH-1 SURVEY, INACTIVE

SURVEY DATE: 04-02-96 SURVEY, ACTIVE   
 mo. day year

OBSERVER(S):  
 Primary: Broerman J Fred  
 Last name, first, m.i.

Cooperators: \_\_\_\_\_



**CENSUS PARTICIPANTS**

Please be as complete as possible particularly:

1. Review form guidelines prior to census.
2. Fill in/check mark all pertinent spaces in top section, side 1.
3. Always provide "Est. Breed. Pairs" data for active colonies.
4. Give updated site description data on side 2 whenever changes are detected.

SURVEY VANTAGE  AERIAL  
 ON-SITE VISIT  
 VIEW FROM ADJACENT AREA BY VEHICLE/BOAT/ON FOOT

TIME: Start 1500 ← military  
 END 1600 ← format

STATUS  
 1 NEW COLONY  2 PREV. KNOWN COLONY (COUNT + DESCRIPTION. UPDATE)  3 PREV. KNOWN COLONY (COUNT ONLY)

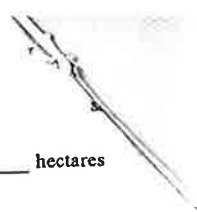
	Predominant Reprod. Stage (enter 1 code)	Survey Type (enter code)		No Active Nests	No. Adults	Est. Breed. Pairs
		NESTS	ADULT			
Brown pelican						
Dbl.-cr. Cormorant						
Anhinga						
Great Blue Heron	2?	1	1	63	100	63
Great Egret						1
Snowy Egret						
Little Blue Heron						
Tricolored Heron						
Reddish Egret						
Cattle Egret						
Bl.-cr. Night-Heron						
Y.-cr. Night-Heron						
White Ibis						
White-faced Ibis						
Roseate Spoonbill						
Laughing Gull						
Gull-billed Tern						
Caspian Tern						
Royal Tern						
Sandwich Tern						
Forster's Tern						
Least Tern						
Black Skimmer						

Prenesting = 1    Recent Fledglings = 4  
 Eggs in Nests = 2    Post nesting = 5  
 Unfledged Young = 3

Total Count = 1    Sampling = 3  
 Visual Estimate = 2  
 Other = 0 = specify in comments

COMMENTS: This represents the highest number of adults seen at this site out of three or four visits. Adults were standing or resting, all of which were in good repair. Observations were made with a spotting scope from c. 1/2 mile distance.

COLONY SITE DESCRIPTION



COUNTY: Tallahatchie SIZE: \_\_\_\_\_ hectares

LATITUDE: ~34°0'35.78" N LONGITUDE: ~90°22'40.72" W OWNER: US FWS

NEAREST CITY/TOWN: \_\_\_\_\_ Distance: \_\_\_\_\_ km. Direction To Colony: \_\_\_\_\_

DISTANCE TO NEAREST ROUTINELY OCCUPIED DWELLING WITHIN 1 km FROM COLONY \_\_\_\_\_

DISTANCE TO NEAREST HIGHWAY, CANAL, AIRPORT, PARK, RAILROAD, ETC. WITHIN 1 km FROM COLONY \_\_\_\_\_

HEIGHT OF LOWEST NESTS ABOVE NORMAL WATER LEVEL \_\_\_\_\_ meters

USE  
N, S  
E, W  
NE, SE  
NW, SW

WOULD SOME NESTS BE FLOODED BY EXTREME HIGH WATER LEVELS EXPECTED AT THE COLONY?  Yes  No

GEN. DESCRIPTION: \_\_\_\_\_

IS COLONY SPECIFICALLY MANAGED OR PROTECTED FOR WATERBIRDS?:  Yes  No

GENERAL HABITAT: (Check as applicable)

- peninsula
- saltwater non-barrier island
- shoreline/lake, pond, impoundment
- riparian/river, stream
- barrier island
- freshwater island
- shoreline/ocean, estuary
- other \_\_\_\_\_
- upland wooded
- bottomland hardwood

SPECIFIC HABITAT: (Check as applicable)

- salt marsh
- wooded swamp
- salt flat
- sandy beach
- deciduous trees
- parking lot
- man-made structure
- fresh marsh
- bog
- rooftop
- gravel or shell beach
- evergreen trees
- pier, jetty, dock, breakwater
- other \_\_\_\_\_
- spoil/fill area
- sand bar
- shrub swamp
- dune
- mixed trees
- mixed forbs/shrubs/grass
- bottomland hardwood

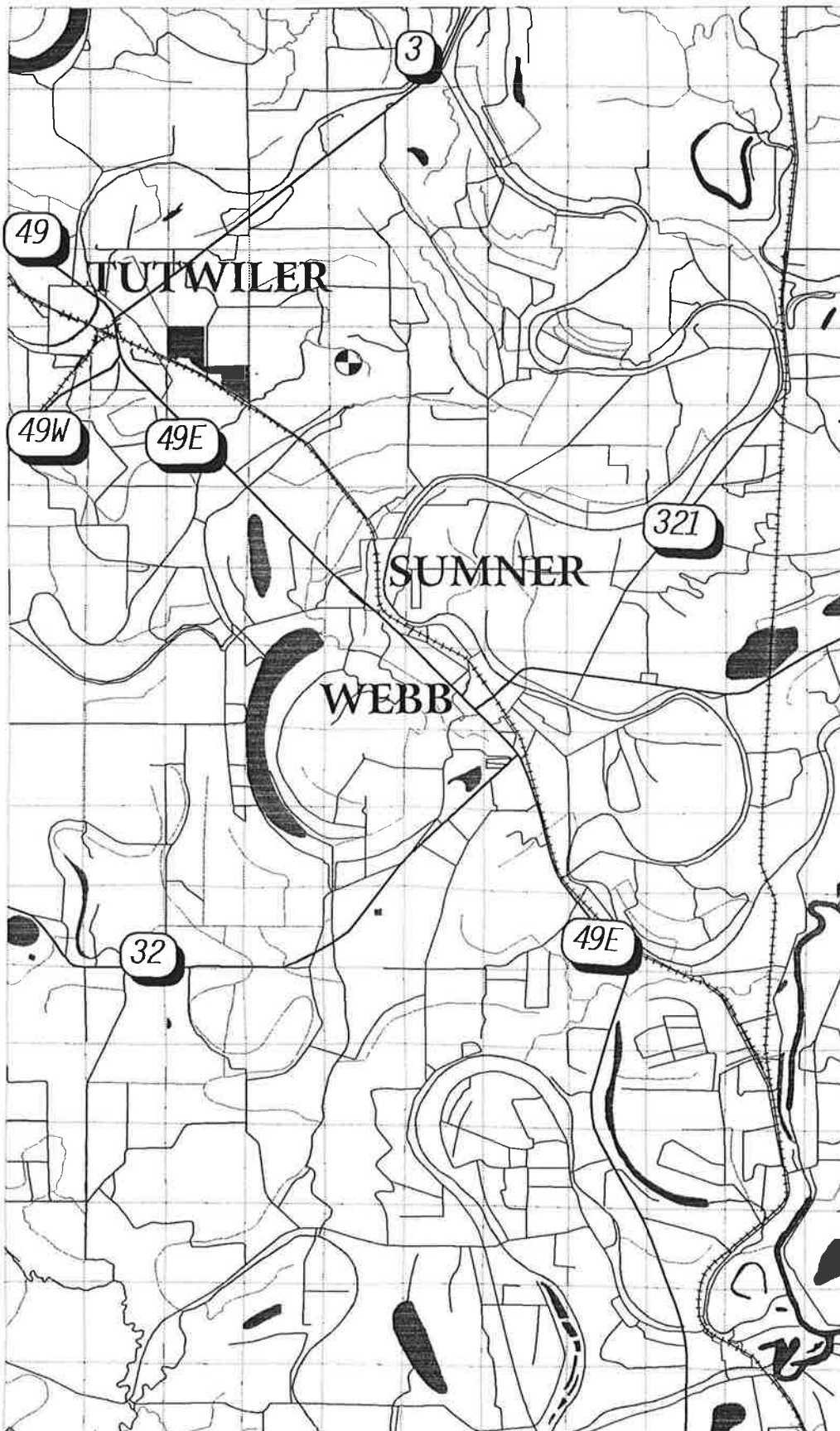
IMPORTANT VEGETATION: (Check as Applicable) - Not Limited to vegetation supporting nests.

- |   |                                       |   |   |
|---|---------------------------------------|---|---|
| <input type="checkbox"/> Baccharis      | <input type="checkbox"/> Elm          | <input type="checkbox"/> Prickly Pear     | OTHERS (print in)<br>_____<br>_____<br>_____<br>_____<br>_____<br>_____<br>_____<br>_____<br>_____<br>_____<br>_____<br>_____ |
| <input type="checkbox"/> Bald Cypress   | <input type="checkbox"/> Green Ash    | <input type="checkbox"/> Red Maple        |   |
| <input type="checkbox"/> Black Mangrove | <input type="checkbox"/> Hackberry    | <input type="checkbox"/> Tupelo           |   |
| <input type="checkbox"/> Black Willow   | <input type="checkbox"/> Honey-locust | <input type="checkbox"/> Salt Cedar       |   |
| <input type="checkbox"/> Bulrush        | <input type="checkbox"/> Juniper      | <input type="checkbox"/> Salt March Grass |   |
| <input type="checkbox"/> Buttonbush     | <input type="checkbox"/> Live Oak     | <input type="checkbox"/> Sea ox-eye       |   |
| <input type="checkbox"/> Cane           | <input type="checkbox"/> Nuttall Oak  | <input type="checkbox"/> Water Elm        |   |
| <input type="checkbox"/> Cattail        | <input type="checkbox"/> Oak          | <input type="checkbox"/> Water Oak        |   |
| <input type="checkbox"/> Cedar Elm      | <input type="checkbox"/> Osage Orange | <input type="checkbox"/> Wild Rose        |   |
| <input type="checkbox"/> Cherrybark Oak | <input type="checkbox"/> Pecan        | <input type="checkbox"/> Willow           |   |
| <input type="checkbox"/> Chinaberry     | <input type="checkbox"/> Pine         | <input type="checkbox"/> Willow Oak       |   |
| <input type="checkbox"/> Chinese Tallow | <input type="checkbox"/> Post Oak     | <input type="checkbox"/> Winged Elm       |   |
| <input type="checkbox"/> Cottonwood     |                                       |   |   |











GROUND SURFACE: (Check as Applicable)

- sand
- rocks
- soil
- other \_\_\_\_\_
- shell
- cliff
- dead herbaceous/wrack/drift
- cobble
- salt/mud flat

# TALLAHTCHIE COUNTY, MISSISSIPPI



## Legend

-  section lines
-  county roads
-  city limits
-  secondary roads
-  primary roads
-  perennial streams
-  intermittent streams
-  water bodies
-  railroads
-  great blue heron nests



COLONY SITE DESCRIPTION

side 2

TYPE: Lefflore SIZE: 25 hectares

LAITUDE: 33°19'29.22N LONGITUDE: 90°20'19.90" OWNER: US ACOE

NEAREST CITY/TOWN: Morgan City Distance: 5.2 km. Direction To Colony: S

DISTANCE TO NEAREST ROUTINELY OCCUPIED DWELLING WITHIN 1 km FROM COLONY 5 KM

DISTANCE TO NEAREST HIGHWAY, CANAL, AIRPORT, PARK, RAILROAD, ETC. WITHIN 1 km FROM COLONY Pumping of Spoil could occur at Nest site!

HEIGHT OF LOWEST NESTS ABOVE NORMAL WATER LEVEL N/A meters

WOULD SOME NESTS BE FLOODED BY EXTREME HIGH WATER LEVELS EXPECTED AT THE COLONY?  Yes  No

DESCRIPTION: Sand Spoil from Yazoo River owned by USCOE eventually to be donated to USFWS.

COLONY SPECIFICALLY MANAGED PROTECTED FOR WATERBIRDS?:  Yes  No

GENERAL HABITAT: (Check as applicable)

- Peninsula  barrier island  upland wooded
- (water non-barrier island)  freshwater island  bottomland hardwood
- Shoreline/lake, pond, impoundment  shoreline/ocean, estuary
- Marine/river, stream  other Sand dunes created by the ACOE after dredging the Yazoo River

SPECIAL HABITAT: (Check as applicable)

- Freshwater marsh  fresh marsh  spoil/fill area
- Flooded swamp  bog  sand bar
- Wet flat  rooftop  shrub swamp
- Sandy beach  gravel or shell beach  dune
- Scattered trees  evergreen trees  mixed trees
- Parking lot  pier, jetty, dock, breakwater  mixed forbs/shrubs/grass
- Man-made structure  other  bottomland hardwood

IMPORTANT VEGETATION: (Check as Applicable) - Not Limited to vegetation supporting nests.

- |   |                                       |   |  |
|---|---------------------------------------|---|--|
| <input type="checkbox"/> Sycamore       | <input type="checkbox"/> Elm          | <input type="checkbox"/> Prickly Pear     | OTHERS (print in)<br>_____<br>_____<br>_____<br>_____<br>_____<br>_____<br>_____<br>_____<br>_____<br>_____<br>_____ |
| <input type="checkbox"/> Old Cypress    | <input type="checkbox"/> Green Ash    | <input type="checkbox"/> Red Maple        |  |
| <input type="checkbox"/> Black Mangrove | <input type="checkbox"/> Hackberry    | <input type="checkbox"/> Tupelo           |  |
| <input type="checkbox"/> Black Willow   | <input type="checkbox"/> Honey-locust | <input type="checkbox"/> Salt Cedar       |  |
| <input type="checkbox"/> Brush          | <input type="checkbox"/> Juniper      | <input type="checkbox"/> Salt March Grass |  |
| <input type="checkbox"/> Cottonbush     | <input type="checkbox"/> Live Oak     | <input type="checkbox"/> Sea ox-eye       |  |
| <input type="checkbox"/> Pine           | <input type="checkbox"/> Nuttall Oak  | <input type="checkbox"/> Water Elm        |  |
| <input type="checkbox"/> Cottontail     | <input type="checkbox"/> Oak          | <input type="checkbox"/> Water Oak        |  |
| <input type="checkbox"/> Cedar Elm      | <input type="checkbox"/> Osage Orange | <input type="checkbox"/> Wild Rose        |  |
| <input type="checkbox"/> Berrybark Oak  | <input type="checkbox"/> Pecan        | <input type="checkbox"/> Willow           |  |
| <input type="checkbox"/> Pinberry       | <input type="checkbox"/> Pine         | <input type="checkbox"/> Willow Oak       |  |
| <input type="checkbox"/> Chinese Tallow | <input type="checkbox"/> Post Oak     | <input type="checkbox"/> Winged Elm       |  |
| <input type="checkbox"/> Cottonwood     |                                       |   |  |

UNDERLYING SURFACE: (Check as Applicable)

- Sand  shell  cobble
- Rocks  cliff  salt/mud flat
- Soil  dead herbaceous/wrack/drift
- Other \_\_\_\_\_

Mississippi Colonial Waterbird Count Form

COLONY NAME: Lefflore Leasts

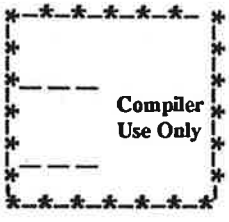
(Use other side to describe a new colony or update description for a known colony)

COLONY CODE NO: \_\_\_\_\_ SURVEY, INACTIVE  (check one)

SURVEY DATE: 6 16 97 SURVEY, ACTIVE   
mo. day year

OBSERVER(S): Broerman, Fred  
Primary: \_\_\_\_\_  
Last name, first, m.i.

Cooperators: US Fish and Wildlife Service  
ACOE presently own this tract



**CENSUS PARTICIPANTS**

Please be as complete as possible particularly:

1. Review form guidelines prior to census.
2. Fill in/check mark all pertinent spaces in top section, side 1.
3. Always provide "Est. Breed. Pairs" data for active colonies.
4. Give updated site description data on side 2 whenever changes are detected.

SURVEY VANTAGE  AERIAL  
POINT:  ON-SITE VISIT  
 VIEW FROM ADJACENT AREA BY VEHICLE/BOAT/ON FOOT

TIME: Start 12:00 PM ← military  
END 1400 PM ← format

STATUS  1 NEW COLONY  2 PREV. KNOWN COLONY (COUNT + DESCRIPTION. UPDATE)  3 PREV. KNOWN COLONY (COUNT ONLY)

	Predominant Reprod. Stage (enter 1 code)	Survey Type (enter code)		No. Active Nests	No. Adults	Est. Breed. Pairs
		NESTS	ADULT			
Brown pelican						
Dbl.-cr. Cormorant						
Anhinga						
Great Blue Heron						
Great Egret						
Snowy Egret						
Little Blue Heron						
Tricolored Heron						
Reddish Egret						
Cattle Egret						
Bl.-cr. Night-Heron						
Y.-cr. Night-Heron						
White Ibis						
White-faced Ibis						
Roseate Spoonbill						
Laughing Gull						
Gull-billed Tern						
Caspian Tern						
Royal Tern						
Sandwich Tern						
Forster's Tern						
Least Tern	1	1	1	2	10	4
Black Skimmer						

Prenesting = 1    Recent Fledglings = 4  
Eggs in Nests = 2    Post nesting = 5  
Unfledged Young = 3

Total Count = 1    Sampling = 3  
Visual Estimate = 2  
Other = 0 = specify in comments

by P. Barbour.

COMMENTS: one young tern was seen at this location on 7/20/97. See attached notes that are highlighted in red.

species	number	date	county	observer	comments
least tern	9	06/02/97	Leflore	FB	one nest with three eggs and a half a dozen empty nest scrapes. defensive behavior exhibited by all nine adults in sand dune habitat. south of Morgan City and north of the Yazoo River
least tern	4	06/05/97	Tall/Quit	FB	Tallahatchie NWR, 5 miles south of Crowder
least tern	2	06/15/97	Tall/Quit	FB	Tallahatchie NWR, 5 miles south of Crowder
least tern	10	06/16/97	Leflore	FB	One nest with two eggs, another nest with only one egg and a half a dozen empty nest scrapes. Defensive behavior exhibited by 10-12 adults. The nest with three eggs was not relocated and the scrapes were at different locations than the 2 June 1997 visit. In sand dune habitat south of Morgan City and north of the Yazoo River
least tern	55	06/18/97	Baldwin, AL	FB	Gulf State Park, Baldwin Co. Alabama
least tern	4	06/25/97	Quitman	FB	These birds were catching small fish and exchanging among them themselves. T12N R10W sec.1, Starr FmHa Tract, immediately east of Sledge, MS
least tern	2	06/27/97	Tall/Quit	FB	Tallahatchie NWR, 5 miles south of Crowder
least tern	6	07/11/97	Leflore	FB	2 nests with 2 eggs each at different locations than three nests previously found. The three previously found nests were abandoned or predated. Sand dune area 3.5 miles south of Morgan City
least tern	8	07/20/97	Leflore	P. Barbour	a young baby tern was found. Sand dune area 3.5 miles south of Morgan City

Mississippi Colonial Waterbird Count Form

COLONY NAME: Pennington FmHA

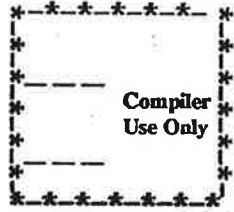
(Use other side to describe a new colony or update description for a known colony)

COLONY CODE NO: TALL-1 (check one) SURVEY, INACTIVE

SURVEY DATE: 6 6 97 also 4/1/97 SURVEY, ACTIVE   
mo. day year

OBSERVER(S):  
Primary: Broerman Fred Jr  
Last name, first, m.i.

Cooperators: US Fish and Wildlife Service



**CENSUS PARTICIPANTS**

Please be as complete as possible particularly:

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2. Fill in/check mark all pertinent spaces in top section, side 1.
3. Always provide "Est. Breed. Pairs" data for active colonies.
4. Give updated site description data on side 2 whenever changes are detected.

SURVEY VANTAGE POINT:  AERIAL  
 ON-SITE VISIT  
 VIEW FROM ADJACENT AREA BY VEHICLE/BOAT/ON FOOT

TIME: Start 1200 ← military  
END 1300 ← format

STATUS  
 1 NEW COLONY  2 PREV. KNOWN COLONY (COUNT + DESCRIPTION. UPDATE)  3 PREV. KNOWN COLONY (COUNT ONLY)

	Predominant Reprod. Stage (enter 1 code)	Survey Type (enter code)		No. Active Nests	No. Adults	Est. Breed. Pairs
		NESTS	ADULT			
Brown pelican						
Dbl.-cr. Cormorant						
Anhinga						
Great Blue Heron	80% 3/4	1		50		50
Great Egret	birds all					
Snowy Egret	young looking					
Little Blue Heron						
Tricolored Heron						
Reddish Egret						
Cattle Egret						
Bl.-cr. Night-Heron						
Y.-cr. Night-Heron						
White Ibis						
White-faced Ibis						
Roseate Spoonbill						
Laughing Gull						
Gull-billed Tern						
Caspian Tern						
Royal Tern						
Sandwich Tern						
Forster's Tern						
Least Tern						
Black Skimmer						

Prenesting = 1      Recent Fledglings = 4  
Eggs in Nests = 2      Post nesting = 5  
Unfledged Young = 3

Total Count = 1      Sampling = 3  
Visual Estimate = 2  
Other = 0 = specify in comments

COMMENTS: \_\_\_\_\_



Mississippi Colonial Waterbird Count Form

side 1

COLONY NAME: Gillon Tract

(Use other side to describe a new colony or update description for a known colony)

COLONY CODE NO: \_\_\_\_\_

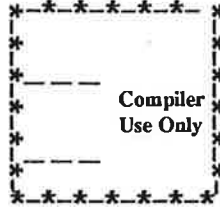
SURVEY, INACTIVE  (check one)

SURVEY DATE: 06 20 01  
mo. day year

SURVEY, ACTIVE

OBSERVER(S):  
Primary: Woods, Rebecca L.  
Last name, first, m.i.

Cooperators: \_\_\_\_\_  
\_\_\_\_\_



**CENSUS PARTICIPANTS**

Please be as complete as possible particularly:

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2. Fill in/check mark all pertinent spaces in top section, side 1.
3. Always provide "Est. Breed. Pairs" data for active colonies.
4. Give updated site description data on side 2 whenever changes are detected.

SURVEY VANTAGE  AERIAL  
POINT:  ON-SITE VISIT  
 VIEW FROM ADJACENT AREA BY VEHICLE/BOAT/ON FOOT

TIME: Start 08:50 ← military  
END 09:00 ← format

STATUS  
 1 NEW COLONY  2 PREV. KNOWN COLONY (COUNT + DESCRIPTION. UPDATE)  3 PREV. KNOWN COLONY (COUNT ONLY)

	Predominant Reprod. Stage (enter 1 code)	Survey Type (enter code)		No. Active Nests	No. Adults	Est. Breed. Pairs
		NESTS	ADULT			
Brown pelican						
Dbl.-cr. Cormorant						
Anhinga						
Great Blue Heron	4/5	1		6		6
Great Egret						
Snowy Egret						
Little Blue Heron						
Tricolored Heron						
Reddish Egret						
Cattle Egret						
Bl.-cr. Night-Heron						
Y.-cr. Night-Heron						
White Ibis						
White-faced Ibis						
Roseate Spoonbill						
Laughing Gull						
Gull-billed Tern						
Caspian Tern						
Royal Tern						
Sandwich Tern						
Forster's Tern						
Least Tern						
Black Skimmer						

Prenesting = 1      Recent Fledglings = 4  
Eggs in Nests = 2      Post nesting = 5  
Unfledged Young = 3

Total Count = 1      Sampling = 3  
Visual Estimate = 2  
Other = 0 = specify in comments

COMMENTS: Counted 11 birds that flushed - probably some fledglings. 2 additional fledglings still on nests

COLONY SITE DESCRIPTION

COUNTY: Grenada

SIZE: 0.12 hectares

LATITUDE: 33.76N LONGITUDE: 89.78W

OWNER: USFWS

NEAREST CITY/TOWN: Grenada

Distance: ~~0.12~~ 2.98 km. Direction To Colony: SE

DISTANCE TO NEAREST ROUTINELY OCCUPIED DWELLING WITHIN 1 km FROM COLONY 0.64 km

DISTANCE TO NEAREST HIGHWAY, CANAL, AIRPORT, PARK, RAILROAD, ETC. WITHIN 1 km FROM COLONY 0.64

HEIGHT OF LOWEST NESTS ABOVE NORMAL WATER LEVEL 1 meters

USE  
N, S  
E, W  
NE, SE  
NW, SW

WOULD SOME NESTS BE FLOODED BY EXTREME HIGH WATER LEVELS EXPECTED AT THE COLONY?  Yes  No

GEN. DESCRIPTION: 2 nests - low dead in trees over pond, remainder high in oak trees along stream

IS COLONY SPECIFICALLY MANAGED OR PROTECTED FOR WATERBIRDS?:  Yes  No

GENERAL HABITAT: (Check as applicable)

- peninsula
- saltwater non-barrier island
- shoreline/lake, pond, impoundment
- riparian/river, stream
- barrier island
- freshwater island
- shoreline/ocean, estuary
- other \_\_\_\_\_
- upland wooded
- bottomland hardwood

SPECIFIC HABITAT: (Check as applicable)

- salt marsh
- wooded swamp
- salt flat
- sandy beach
- deciduous trees
- parking lot
- man-made structure
- fresh marsh
- bog
- rooftop
- gravel or shell beach
- evergreen trees
- pier, jetty, dock, breakwater
- other \_\_\_\_\_
- spoil/fill area
- sand bar
- shrub swamp
- dune
- mixed trees
- mixed forbs/shrubs/grass
- bottomland hardwood

IMPORTANT VEGETATION: (Check as Applicable) - Not Limited to vegetation supporting nests.

- |   |   |   |  |
|---|---|---|--|
| <input type="checkbox"/> Baccharis      | <input type="checkbox"/> Elm            | <input type="checkbox"/> Prickly Pear     | OTHERS (print in)<br>_____<br>_____<br>_____<br>_____<br>_____<br>_____<br>_____ |
| <input type="checkbox"/> Bald Cypress   | <input type="checkbox"/> Green Ash      | <input type="checkbox"/> Red Maple        |  |
| <input type="checkbox"/> Black Mangrove | <input type="checkbox"/> Hackberry      | <input type="checkbox"/> Tupelo           |  |
| <input type="checkbox"/> Black Willow   | <input type="checkbox"/> Honey-locust   | <input type="checkbox"/> Salt Cedar       |  |
| <input type="checkbox"/> Bulrush        | <input type="checkbox"/> Juniper        | <input type="checkbox"/> Salt March Grass |  |
| <input type="checkbox"/> Buttonbush     | <input type="checkbox"/> Live Oak       | <input type="checkbox"/> Sea ox-eye       |  |
| <input type="checkbox"/> Cane           | <input type="checkbox"/> Nuttall Oak    | <input type="checkbox"/> Water Elm        |  |
| <input type="checkbox"/> Cattail        | <input checked="" type="checkbox"/> Oak | <input type="checkbox"/> Water Oak        |  |
| <input type="checkbox"/> Cedar Elm      | <input type="checkbox"/> Osage Orange   | <input type="checkbox"/> Wild Rose        |  |
| <input type="checkbox"/> Cherrybark Oak | <input type="checkbox"/> Pecan          | <input type="checkbox"/> Willow           |  |
| <input type="checkbox"/> Chinaberry     | <input type="checkbox"/> Pine           | <input type="checkbox"/> Willow Oak       |  |
| <input type="checkbox"/> Chinese Tallow | <input type="checkbox"/> Post Oak       | <input type="checkbox"/> Winged Elm       |  |
| <input type="checkbox"/> Cottonwood     |   |   |  |

GROUND SURFACE: (Check as Applicable)

- sand
- rocks
- soil
- other \_\_\_\_\_
- shell
- cliff
- dead herbaceous/wrack/drift
- cobble
- salt/mud flat

Mississippi Colonial Waterbird Count Form

side 1

COLONY NAME: Walker  
 (Use other side to describe a new colony or update description for a known colony)

COLONY CODE NO: \_\_\_\_\_ SURVEY, INACTIVE  (check one)

SURVEY DATE: 06 21 01 SURVEY, ACTIVE   
 mo. day year

OBSERVER(S):  
 Primary: Woods, Rebecca L.  
 Last name, first, m.i.

Cooperators: \_\_\_\_\_

\* \* \* \* \*  
 \* \* \* \* \*  
 \* \* \* \* \*  
 \* \* \* \* \*  
 \* \* \* \* \*  
 \* \* \* \* \*  
 \* \* \* \* \*  
 \* \* \* \* \*  
 \* \* \* \* \*

Compiler  
Use Only

**CENSUS PARTICIPANTS**

Please be as complete as possible particularly:

1. Review form guidelines prior to census.
2. Fill in/check mark all pertinent spaces in top section, side 1.
3. Always provide "Est. Breed. Pairs" data for active colonies.
4. Give updated site description data on side 2 whenever changes are detected.

SURVEY VANTAGE  AERIAL  
 POINT:  ON-SITE VISIT  
 VIEW FROM ADJACENT AREA BY VEHICLE/BOAT/ON FOOT

TIME: Start 1045 ← military  
 END 11:30 ← format

STATUS  
 1 NEW COLONY  2 PREV. KNOWN COLONY (COUNT + DESCRIPTION. UPDATE)  3 PREV. KNOWN COLONY (COUNT ONLY)

	Predominant Reprod. Stage (enter 1 code)	Survey Type (enter code)		No. Active Nests	No. Adults	Est. Breed. Pairs
		NESTS	ADULT			
Brown pelican						
Dbl.-cr. Cormorant						
Anhinga						
Great Blue Heron						
Great Egret						
Snowy Egret						
Little Blue Heron	3	1	1	9	12	9
Tricolored Heron						
Reddish Egret						
Cattle Egret	2	2	1	250	275	250
Bl.-cr. Night-Heron						
Y.-cr. Night-Heron						
White Ibis						
White-faced Ibis						
Roseate Spoonbill						
Laughing Gull						
Gull-billed Tern						
Caspian Tern						
Royal Tern						
Sandwich Tern						
Forster's Tern						
Least Tern						
Black Skimmer						

Prenesting = 1	Recent Fledglings = 4	Total Count = 1	Sampling = 3
Eggs in Nests = 2	Post nesting = 5	Visual Estimate = 2	
Unfledged Young = 3		Other = 0 = specify in comments	

COMMENTS: Although I did not physically check any nests, I believe a number of the cattle egrets were still had eggs. Many of the birds were sitting in the nest as if incubating (these were adults in breeding plumage). There were several

COLONY SITE DESCRIPTION

COUNTY: Tallahatchie SIZE: 0.25 hectares  
LATITUDE: 33.85N LONGITUDE: 90.08 W OWNER: USFWS

NEAREST CITY/TOWN: Leverett Distance: 4.4 km. Direction To Colony: SW

DISTANCE TO NEAREST ROUTINELY OCCUPIED DWELLING WITHIN 1 km FROM COLONY N/A

DISTANCE TO NEAREST HIGHWAY, CANAL, AIRPORT, PARK, RAILROAD, ETC. WITHIN 1 km FROM COLONY N/A

HEIGHT OF LOWEST NESTS ABOVE NORMAL WATER LEVEL 1/2 meters

USE  
N, S  
E, W  
NE, SE  
NW, SW

WOULD SOME NESTS BE FLOODED BY EXTREME HIGH WATER LEVELS EXPECTED AT THE COLONY?  Yes  
 No

GEN. DESCRIPTION: densely clustered nests in buttonbush

IS COLONY SPECIFICALLY MANAGED OR PROTECTED FOR WATERBIRDS?:  
 Yes  
 No

GENERAL HABITAT: (Check as applicable)

- peninsula
- saltwater non-barrier island
- shoreline/lake, pond, impoundment
- riparian/river, stream
- barrier island
- freshwater island
- shoreline/ocean, estuary
- other \_\_\_\_\_
- upland wooded
- bottomland hardwood

SPECIFIC HABITAT: (Check as applicable)

- salt marsh
- wooded swamp
- salt flat
- sandy beach
- deciduous trees
- parking lot
- man-made structure
- fresh marsh
- bog
- rooftop
- gravel or shell beach
- evergreen trees
- pier, jetty, dock, breakwater
- other \_\_\_\_\_
- spoil/fill area
- sand bar
- shrub swamp
- dune
- mixed trees
- mixed forbs/shrubs/grass
- bottomland hardwood

IMPORTANT VEGETATION: (Check as Applicable) - Not Limited to vegetation supporting nests.

- Baccharis
  - Bald Cypress
  - Black Mangrove
  - Black Willow
  - Bulrush
  - Buttonbush
  - Cane
  - Cattail
  - Cedar Elm
  - Cherrybark Oak
  - Chinaberry
  - Chinese Tallow
  - Cottonwood
  - Elm
  - Green Ash
  - Hackberry
  - Honey-locust
  - Juniper
  - Live Oak
  - Nuttall Oak
  - Oak
  - Osage Orange
  - Pecan
  - Pine
  - Post Oak
  - Prickly Pear
  - Red Maple
  - Tupelo
  - Salt Cedar
  - Salt March Grass
  - Sea ox-eye
  - Water Elm
  - Water Oak
  - Wild Rose
  - Willow
  - Willow Oak
  - Winged Elm
- OTHERS (print in) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

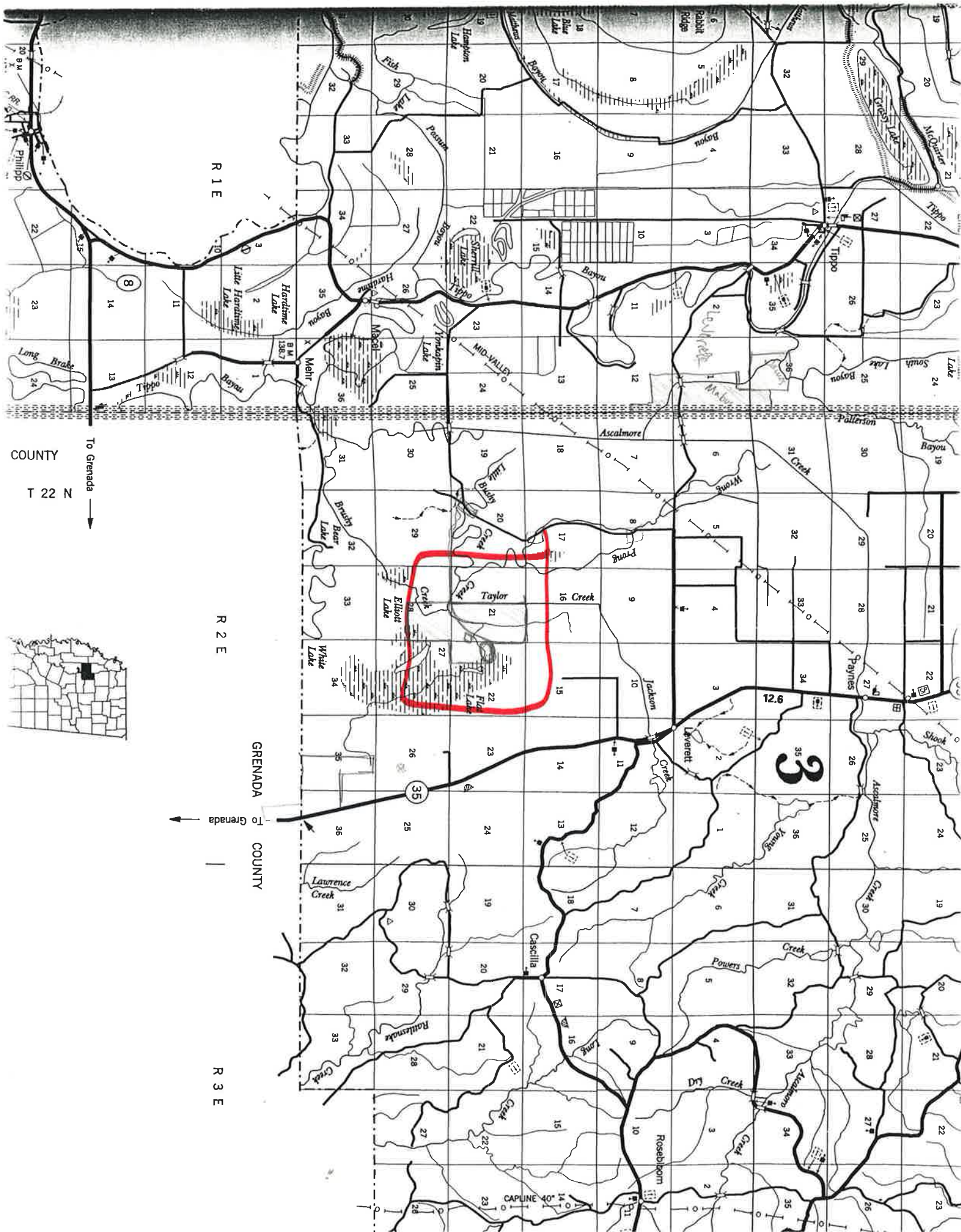
GROUND SURFACE: (Check as Applicable)

- sand
- rocks
- soil
- other \_\_\_\_\_
- shell
- cliff
- dead herbaceous/wrack/drift
- cobble
- salt/mud flat









COUNTY  
T 22 N  
To Grenada →



GRENADA COUNTY  
To Grenada →

R 3 E

Mississippi Colonial Waterbird Count Form

COLONY NAME: Gillon Tract  
 (Use other side to describe a new colony or update description for a known colony)

COLONY CODE NO: \_\_\_\_\_

(Check one)  
 COLONY, INACTIVE \_\_\_\_\_

SURVEY DATE: 06-10-03  
 mo. day year

COLONY, ACTIVE

OBSERVER(S):  
 Primary: Woods, Rebecca L.  
 Last name, first, m.i.

Compiler Use Only  
 \_\_\_\_\_  
 \_\_\_\_\_

**CENSUS PARTICIPANTS**  
 Please be as complete as possible particularly:  
 1. Review form guidelines prior to census.  
 2. Fill in/check mark all pertinent spaces in top section, side 1.  
 3. Always provide "Est. Breed. Pairs" data for active colonies.  
 4. Give updated site description data on side 2 whenever changes are

COOPERATORS: \_\_\_\_\_  
 \_\_\_\_\_

SURVEY VANTAGE POINT: \_\_\_\_\_ Aerial  
 On-Site Visit  
 \_\_\_\_\_ View from adjacent area by vehicle/Boat/On Foot

TIME: Start 0840  
 End 0945  
 (Use Military format)

STATUS:  1. New Colony  2. Prev. Known Colony (Count + Description Update)  3. Prev. Known Colony (Count Only)

Species	Predominant Reproductive Stage (enter 1 code from box below)	Survey Type		No. Active Nests	No. Adults	Est. Breed. Pairs
		Nests (enter code below)	Adults			
Brown Pelican						
Dbl-cr Cormorant						
Aukinga						
Great Blue Heron	4 (recent or nearly fledged)	1	2	8	5	8
Great Egret						
Snowy Egret						
Little Blue Heron						
Tricolored Heron						
Reddish Egret						
Cattle Egret						
Bl-cr Night-Heron						
Y-cr Night-Heron						
Green Heron						
White Ibis						
White-faced Ibis						
Roseate Spoonbill						
Laughing Gull						
Gull-billed Tern						
Caspian Tern						
Royal Tern						
Sandwich Tern						
Forster's Tern						
Least Tern						
Black Skimmer						

Reprod. Stage Codes: Prenesting =1, Eggs in Nest =2, Unfledged Young =3, Recent Fledglings =4, Post Nesting =5

Survey Type Code: Total Count = 1, Visual Estimate =2, Sampling =3, Other =0 = specify in

Comments: Adults only visiting colony sporadically. Young mostly on branches exercising wings. One tree with nest blew down after nest completion - unsure if this year's

COLONY SITE DESCRIPTION

County: Grenada Size: 0.12 Hectares Owner: USFWS

Latitude: 33°45' N Longitude: 89°47' W Owner Address: 2776 Sunset Dr. Grenada, MS 38901

Nearest City/Town: Grenada Distance: 2.98 km. Direction to Colony: SE

USE:  
N, S  
E, W  
NE, SE  
NW, SW

Distance to Nearest Routinely Occupied Dwelling within 1km from Colony: 0.64 km

Distance to Nearest Highway, Canal, Airport, Park, Railroad, Etc. within 1 km from Colony: 0.64 km

Height of Lowest Nests Above Normal Water Level: 15 Meters.

Would Some Nests Be Flooded By Extreme High Water Levels Expected at the Colony?  YES  NO

General Description: all nests high in hardwoods overhanging winding creek. Next to impounded water

Is Colony Specifically Managed or Protected For Waterbirds?  YES  NO

GENERAL HABITAT: (Check as applicable)

- Peninsula
- Saltwater Non-barrier Island
- Shoreline/Lake, Pond, Impoundment
- Riparian/River, Stream
- Barrier Island
- Freshwater Island
- Shoreline/Ocean, Estuary
- Upland Wooded
- Bottomland hardwood
- Other: \_\_\_\_\_

SPECIFIC HABITAT: (Check as applicable)

- Salt Marsh
- Wooded Swamp
- Salt Flat
- Sandy Beach
- Deciduous Trees
- Parking Lot
- Man-Made Structure
- Fresh Marsh
- Bog
- Rooftop
- Gravel or Shell Beach
- Evergreen Trees
- Pier, Jetty, Dock, Breakwater
- Spoil/Fill Area
- Sand Bar
- Shrub Swamp
- Dune
- Mixed Trees
- Mixed Forbs/Shrubs/Grass
- Bottomland hardwood
- Other: \_\_\_\_\_

IMPORTANT VEGETATION: (Check as applicable) - Not Limited to Vegetation Supporting Nests.

- Baccharis
- Bald Cypress
- Black Mangrove
- Black Willow
- Bulrush
- Buttonbush
- Cane
- Cattail
- Cedar Elm
- Cherrybark Oak
- Chinaberry
- Chinese Tallow
- Cottonwood
- Elm
- Green Ash
- Hackberry
- Honey-locust
- Juniper
- Live Oak
- Nuttall Oak
- Oak
- Osage Orange
- Pecan
- Pine
- Post Oak
- Prickly Pear
- Red Maple
- Tupelo
- Salt Cedar
- Salt Marsh Grass
- Sea Ox-eye
- Water Elm
- Water Oak
- Wild Rose
- Willow
- Willow Oak
- Winged Elm

OTHERS: (Print)

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

GROUND SURFACE: (Check as applicable)

- Sand
- Rocks
- Soil /leaves
- Shell
- Cliff
- Dead Herbaceous/Wrack/Drift
- Cobble
- Salt/Mud Flat
- Other: \_\_\_\_\_



COLONY SITE DESCRIPTION

sid

COUNTY: Tallahatchie SIZE: 1.6 Hectares

LATITUDE: 34°05' LONGITUDE: 90°07'30" OWNER: US Fish and Wildlife Service

NEAREST CITY/TOWN: Crowder, MS Black Bayou Unit of Tallahatchie NWR Distance: \_\_\_\_\_ km. Direction To Colony: \_\_\_\_\_

DISTANCE TO NEAREST ROUTINELY OCCUPIED DWELLING WITHIN 1 km FROM COLONY No dwellings within 1 km of colony

DISTANCE TO NEAREST HIGHWAY, CANAL, AIRPORT, PARK, RAILROAD, ETC. WITHIN 1 km FROM COLONY N/A

HEIGHT OF LOWEST NESTS ABOVE NORMAL WATER LEVEL \_\_\_\_\_ meters

USE  
N, S  
E, W  
NE, SE  
NW, SW

WOULD SOME NESTS BE FLOODED BY EXTREME HIGH WATER LEVELS EXPECTED AT THE COLONY?  Yes  No

GEN. DESCRIPTION: Nests were in willows of old catfish ponds

IS COLONY SPECIFICALLY MANAGED OR PROTECTED FOR WATERBIRDS?:  Yes  No

GENERAL HABITAT: (Check as applicable)

- peninsula
- saltwater non-barrier island
- shoreline/lake, pond, impoundment
- riparian/river, stream
- barrier island
- freshwater island
- shoreline/ocean, estuary
- other old catfish pond
- upland wooded
- bottomland hardwood

SPECIFIC HABITAT: (Check as applicable)

- salt marsh
- wooded swamp
- salt flat
- sandy beach
- deciduous trees
- parking lot
- man-made structure
- fresh marsh
- bog
- rooftop
- gravel or shell beach
- evergreen trees
- pier, jetty, dock, breakwater
- other \_\_\_\_\_
- spoil/fill area
- sand bar
- shrub swamp
- dune
- mixed trees
- mixed forbs/shrubs/grass
- bottomland hardwood

IMPORTANT VEGETATION: (Check as Applicable) - Not Limited to vegetation supporting nests.

- |  |                                       |   |  |
|--|---------------------------------------|---|--|
| <input type="checkbox"/> Baccharis               | <input type="checkbox"/> Elm          | <input type="checkbox"/> Prickly Pear     | OTHERS (print in)<br>_____<br>_____<br>_____<br>_____<br>_____<br>_____<br>_____<br>_____<br>_____<br>_____<br>_____<br>_____<br>_____ |
| <input type="checkbox"/> Bald Cypress            | <input type="checkbox"/> Green Ash    | <input type="checkbox"/> Red Maple        |  |
| <input type="checkbox"/> Black Mangrove          | <input type="checkbox"/> Hackberry    | <input type="checkbox"/> Tupelo           |  |
| <input checked="" type="checkbox"/> Black Willow | <input type="checkbox"/> Honey-locust | <input type="checkbox"/> Salt Cedar       |  |
| <input type="checkbox"/> Bulrush                 | <input type="checkbox"/> Juniper      | <input type="checkbox"/> Salt March Grass |  |
| <input type="checkbox"/> Buttonbush              | <input type="checkbox"/> Live Oak     | <input type="checkbox"/> Sea ox-eye       |  |
| <input type="checkbox"/> Cane                    | <input type="checkbox"/> Nuttall Oak  | <input type="checkbox"/> Water Elm        |  |
| <input type="checkbox"/> Cattail                 | <input type="checkbox"/> Oak          | <input type="checkbox"/> Water Oak        |  |
| <input type="checkbox"/> Cedar Elm               | <input type="checkbox"/> Osage Orange | <input type="checkbox"/> Wild Rose        |  |
| <input type="checkbox"/> Cherrybark Oak          | <input type="checkbox"/> Pecan        | <input type="checkbox"/> Willow           |  |
| <input type="checkbox"/> Chinaberry              | <input type="checkbox"/> Pine         | <input type="checkbox"/> Willow Oak       |  |
| <input type="checkbox"/> Chinese Tallow          | <input type="checkbox"/> Post Oak     | <input type="checkbox"/> Winged Elm       |  |
| <input type="checkbox"/> Cottonwood              |                                       |   |  |

GROUND SURFACE: (Check as Applicable)

- sand
- rocks
- soil
- other \_\_\_\_\_
- shell
- cliff
- dead herbaceous/wrack/drift
- cobble
- salt/mud flat

Mississippi Colonial Waterbird Count Form

COLONY NAME: \_\_\_\_\_  
 (Use other side to describe a new colony or update description for a known colony)  
 (check one)

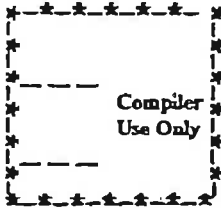
COLONY CODE NO: \_\_\_\_\_ SURVEY, INACTIVE

SURVEY DATE: 6 28 97 SURVEY, ACTIVE   
 mo. day year

OBSERVER(S):  
 Primary: Knight, Gene and Shannon  
 Last name, first, m.i.

Address: Route 4 Box 204-H  
 Goopertory: Oxford, MS 38655

phone # 236-2413



**CENSUS PARTICIPANTS**

Please be as complete as possible particularly:

1. Review form guidelines prior to census.
2. Fill in/check mark all pertinent spaces in section, side 1.
3. Always provide "Est. Breed. Pairs" data for active colonies.
4. Give updated site description data on side whenever changes are detected.

SURVEY VANTAGE  AERIAL  
 POINT:  ON-SITE VISIT  
 VIEW FROM ADJACENT AREA BY VEHICLE/BOAT/ON FOOT

TIME: Start \_\_\_\_\_ military  
 END \_\_\_\_\_ format

STATUS  
 1 NEW COLONY  2 PREV. KNOWN COLONY (COUNT + DESCRIPTION. UPDATE)  3 PREV. KNOWN COLONY (COUNT ONLY)

	Predominant Reprod. Stage (enter 1 code)	Survey Type (enter code)		No. Active Nests	No. Adults	Est. Breed. Pairs
		NESTS	ADULT			
Brown pelican						
Bl.-cr. Cormorant						
Anhinga						
Great Blue Heron						
Great Egret						
Snowy Egret						
Little Blue Heron				3		
Tricolored Heron						
Reddish Egret						
Cattle Egret				50		
Bl.-cr. Night-Heron				1		
Y.-cr. Night-Heron						
White Ibis						
White-faced Ibis						
Roseate Spoonbill						
Laughing Gull						
Gull-billed Tern						
Caspian Tern						
Royal Tern						
Sandwich Tern						
Forster's Tern						
Least Tern						
Black Skimmer						

Pre-nesting = 1    Recent fledglings = 4  
 Eggs in Nests = 2    Post nesting = 5  
 Unfledged Young = 3

Total Count = 1    Sampling = 3  
 Visual Estimate = 2  
 Other = 0 = specify in comments

COMMENTS: Reported by Fred Bigerman. Gene and Shannon Knight would be able to give you more detailed information.

Mississippi Colonial Waterbird Count Form

COLONY NAME: Flat Lake  
 (Use other side to describe a new colony or update description for a known colony)

COLONY CODE NO: \_\_\_\_\_

(Check one)  
 COLONY, INACTIVE \_\_\_\_\_

SURVEY DATE: 06-11-03  
 mo day year

COLONY, ACTIVE

OBSERVER(S):  
 Primary: Woods, Rebecca L.  
 Last name, first, m.i.

Compiler Use Only  
 \_\_\_\_\_  
 \_\_\_\_\_

**CENSUS PARTICIPANTS**  
 Please be as complete as possible particularly:  
 1. Review form guidelines prior to census.  
 2. Fill in/check mark all pertinent spaces in top section, side 1.  
 3. Always provide "Est. Breed Pairs" data for active colonies.  
 4. Give updated site description data on side 2 whenever changes are

COOPERATORS: \_\_\_\_\_  
 \_\_\_\_\_

SURVEY VANTAGE POINT:  Aerial  
 On-Site Visit  
 View from adjacent area by vehicle/Boat/On Foot

TIME: Start 1000  
 End 1027  
 (Use Military format)

STATUS:  1. New Colony  2. Prev. Known Colony (Count + Description Update)  3. Prev. Known Colony (Count Only)

Species	Predominant Reproductive Stage (enter 1 code from box below)	Survey Type		No. Active Nests	No. Adults	Est. Breed.Pairs
		Nests (enter code below)	Adults			
Brown Pelican						
Dbl.-cr Cormorant						
Anhinga	3	1	2	9	10	9
Great Blue Heron	3-4*	1	2	10	5	10
Great Egret	3-4*	1	2	30	10	30
Snowy Egret						
Little Blue Heron						
Tricolored Heron						
Reddish Egret						
Cattle Egret						
Bl.-cr. Night-Heron						
Y.-cr. Night-Heron						
Green Heron	2	1	1	1	1	1
White Ibis						
White-faced Ibis						
Roseate Spoonbill						
Laughing Gull						
Gull-billed Tern						
Caspian Tern						
Royal Tern						
Sandwich Tern						
Forster's Tern						
Least Tern						
Black Skimmer						

Reprod. Stage Codes: Prenesting =1, Eggs in Nest =2;  
 Unfledged Young =3, Recent Fledglings =4; Post Nesting =5

Survey Type Code: Total Count = 1, Visual Estimate =2, Sampling =3, Other =0 = specify in

Comments: \* birds primarily moving between nest + surrounding branches

Survey cut short due to thunderstorm.

COLONY SITE DESCRIPTION

County: Tallahatchie

Size: est 0.5 Hectares

Owner: Elliot Lake Hunting Club

Latitude: 33° 51' N

Longitude: 90° 05' W

Owner Address: \_\_\_\_\_

Nearest City/Town: Leverett

Distance: 4.3 km.

Direction to Colony: SW

USE:  
N, S  
E, W  
NE, SE  
NW, SW

Distance to Nearest Routinely Occupied Dwelling within 1km from Colony: None w/in 1km

Distance to Nearest Highway, Canal, Airport, Park, Railroad, Etc. within 1 km from Colony:

Height of Lowest Nests Above Normal Water Level: 10 Meters.

Would Some Nests Be Flooded By Extreme High Water Levels Expected at the Colony?  YES  NO

General Description: Open lake with tupelo and some cypress growing around perimeter. Colony on west side of lake

Is Colony Specifically Managed or Protected For Waterbirds?  YES  NO

GENERAL HABITAT: (Check as applicable)

- Peninsula
- Saltwater Non-barrier Island
- Shoreline/Lake, Pond, Impoundment
- Riparian/River, Stream
- Barrier Island
- Freshwater Island
- Shoreline/Ocean, Estuary
- Upland Wooded
- Bottomland hardwood
- Other: \_\_\_\_\_

SPECIFIC HABITAT: (Check as applicable)

- Salt Marsh
- Wooded Swamp
- Salt Flat
- Sandy Beach
- Deciduous Trees
- Parking Lot
- Man-Made Structure
- Fresh Marsh
- Bog
- Rooftop
- Gravel or Shell Beach
- Evergreen Trees
- Pier, Jetty, Dock, Breakwater
- Spoil/Fill Area
- Sand Bar
- Shrub Swamp
- Dune
- Mixed Trees
- Mixed Forbs/Shrubs/Grass
- Bottomland hardwood
- Other: \_\_\_\_\_

IMPORTANT VEGETATION: (Check as applicable) - Not Limited to Vegetation Supporting Nests.

- Baccharis
- Bald Cypress
- Black Mangrove
- Black Willow
- Bulrush
- Buttonbush
- Cane
- Cattail
- Cedar Elm
- Cherrybark Oak
- Chinaberry
- Chinese Tallow
- Cottonwood
- Elm
- Green Ash
- Hackberry
- Honey-locust
- Juniper
- Live Oak
- Nuttall Oak
- Oak
- Osage Orange
- Pecan
- Pine
- Post Oak
- Prickly Pear
- Red Maple
- Tupelo
- Salt Cedar
- Salt Marsh Grass
- Sea Ox-eye
- Water Elm
- Water Oak
- Wild Rose
- Willow
- Willow Oak
- Winged Elm

OTHERS: (Print)

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

GROUND SURFACE: (Check as applicable)

- Sand
- Rocks
- Soil
- Shell
- Cliff
- Dead Herbaceous/Wrack/Drift
- Cobble
- Salt/Mud Flat
- Other: water

Mississippi Colonial Waterbird Count Form

COLONY NAME: Juchheim  
 (Use other side to describe a new colony or update description for a known colony)

COLONY CODE NO: \_\_\_\_\_

COLONY, INACTIVE  (Check one)

SURVEY DATE: 06-12-03  
 mo. day year

COLONY, ACTIVE

OBSERVER(S): Woods, Rebecca L.  
 Primary: \_\_\_\_\_  
 Last name, first, m.i.

Compiler Use Only  
 \_\_\_\_\_  
 \_\_\_\_\_

**CENSUS PARTICIPANTS**  
 Please be as complete as possible particularly :  
 1. Review form guidelines prior to census.  
 2. Fill in/check mark all pertinent spaces in top section, side 1.  
 3. Always provide "Est. Breed. Pairs" data for active colonies.  
 4. Give updated site description data on side 2 whenever changes are

COOPERATORS: Karl Juchheim  
 \_\_\_\_\_

SURVEY VANTAGE POINT:  Aerial  
 On-Site Visit  
 View from adjacent area by vehicle/Boat/On Foot

TIME: Start \_\_\_\_\_  
 End \_\_\_\_\_  
 (Use Military format)

STATUS:  1. New Colony  2. Prev. Known Colony (Count + Description Update)  3. Prev. Known Colony (Count Only)

Species	Predominant Reproductive Stage (enter 1 code from box below)	Survey Type		No. Active Nests	No. Adults	Est. Breed. Pairs
		Nests (enter code below)	Adults			
Brown Pelican						
Dbl-cr Cormorant						
Anhinga						
Great Blue Heron						
Great Egret						
Snowy Egret						
Little Blue Heron						
Tricolored Heron						
Reddish Egret						
Cattle Egret						
Bl-cr Night-Heron						
Y-cr Night-Heron						
Green Heron						
White Ibis						
White-faced Ibis						
Roseate Spoonbill						
Laughing Gull						
Gull-billed Tern						
Caspian Tern						
Royal Tern						
Sandwich Tern						
Forsler's Tern						
Least Tern						
Black Skimmer						

Reprod. Stage Codes: Prenesting =1; Eggs in Nest =2,  
 Unfledged Young =3, Recent Fledglings =4; Post Nesting =5

Survey Type Code: Total Count = 1, Visual  
 Estimate =2, Sampling =3, Other =0 = specify in

Comments: This colony has a heron/egret nests but no birds were present. Nests have been on site at least 2 years but successful nesting has not been confirmed. Would like to monitor next year earlier in season.

COLONY SITE DESCRIPTION

County: Tallahatchie Size: est. 0.2 Hectares Owner: Max Juchheim

Latitude: 33° 51' N Longitude: 90° 05' W Owner Address: 939 Ave. of Pines, Grenada, MS 38901

Nearest City/Town: Leverett Distance: 5.6 km. Direction to Colony: S

Distance to Nearest Routinely Occupied Dwelling within 1km from Colony: 0.9 km

Distance to Nearest Highway, Canal, Airport, Park, Railroad, Etc. within 1 km from Colony:

Height of Lowest Nests Above Normal Water Level: 10 Meters.

Would Some Nests Be Flooded By Extreme High Water Levels Expected at the Colony?  YES  NO

General Description: \_\_\_\_\_

USE:  
N, S  
E, W  
NE, SE  
NW, SW

Is Colony Specifically Managed or Protected For Waterbirds?  YES  NO

GENERAL HABITAT: (Check as applicable)

- Peninsula
- Saltwater Non-barrier Island
- Shoreline/Lake, Pond, Impoundment  
(beaver pond)
- Riparian/River, Stream
- Barrier Island
- Freshwater Island
- Shoreline/Ocean, Estuary
- Upland Wooded
- Bottomland hardwood
- Other: \_\_\_\_\_

SPECIFIC HABITAT: (Check as applicable)

- Salt Marsh
- Wooded Swamp
- Salt Flat
- Sandy Beach
- Deciduous Trees
- Parking Lot
- Man-Made Structure
- Fresh Marsh
- Bog
- Rooftop
- Gravel or Shell Beach
- Evergreen Trees
- Pier, Jetty, Dock, Breakwater
- Spoil/Fill Area
- Sand Bar
- Shrub Swamp
- Dune
- Mixed Trees
- Mixed Forbs/Shrubs/Grass
- Bottomland hardwood
- Other: \_\_\_\_\_

IMPORTANT VEGETATION: (Check as applicable) - Not Limited to Vegetation Supporting Nests.

- Baccharis
- Bald Cypress
- Black Mangrove
- Black Willow
- Bulrush
- Buttonbush
- Cane
- Cattail
- Cedar Elm
- Cherrybark Oak
- Chinaberry
- Chinese Tallow
- Cottonwood
- Elm
- Green Ash
- Hackberry
- Honey-locust
- Juniper
- Live Oak
- Nuttall Oak
- Oak
- Osage Orange
- Pecan
- Pine
- Post Oak
- Prickly Pear
- Red Maple
- Tupelo
- Salt Cedar
- Salt Marsh Grass
- Sea Ox-eye
- Water Elm
- Water Oak
- Wild Rose
- Willow
- Willow Oak
- Winged Elm

OTHERS: (Print)  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

GROUND SURFACE: (Check as applicable)

- Sand
- Rocks
- Soil
- Shell
- Cliff
- Dead Herbaceous/Wrack/Drift
- Cobble
- Salt/Mud Flat
- Other: water

**Mississippi Colonial Waterbird Count Form**

COLONY NAME: Gillon Tract  
 (Use other side to describe a new colony or update description for a known colony)

COLONY CODE NO: GRN-01 (Check one)  
 COLONY, INACTIVE

SURVEY DATE: 06 08 05  
 mo. day year COLONY, ACTIVE

OBSERVER(S):  
 Primary: Rosamond, Rebecca L.  
 Last name, first, m.i.

COOPERATORS: Hal Mitchell  
Tabitha Beach

**Compiler Use Only**

**CENSUS PARTICIPANTS**  
 Please be as complete as possible particularly:  
 1. Review form guidelines prior to census.  
 2. Fill in/check mark all pertinent spaces in top section, side 1.  
 3. Always provide "Est. Breed. Pairs" data for active colonies.  
 4. Give updated site description data on side 2 whenever changes are

SURVEY VANTAGE POINT:  Aerial  
 On-Site Visit  
 View from adjacent area by vehicle/Boat/On Foot

TIME: Start 0900  
 End 0950  
 (Use Military format)

STATUS:  1. New Colony  2. Prev. Known Colony (Count + Description Update)  3. Prev. Known Colony (Count Only)

Species	Predominant Reproductive Stage (enter 1 code from box below)	Survey Type		No. Active Nests	No. Adults	Est. Breed. Pairs
		Nests (enter code below)	Adults			
Brown Pelican						
Dbl.-cr. Cormorant						
Anhinga						
Great Blue Heron	4	1	1	12	5+	12
Great Egret						
Snowy Egret						
Little Blue Heron						
Tricolored Heron						
Reddish Egret						
Cattle Egret						
Bl.-cr. Night-Heron						
Y.-cr. Night-Heron						
Green Heron						
White Ibis						
White-faced Ibis						
Roseate Spoonbill						
Laughing Gull						
Gull-billed Tern						
Caspian Tern						
Royal Tern						
Sandwich Tern						
Forster's Tern						
Least Tern						
Black Skimmer						

**Reprod. Stage Codes:** Prenesting =1; Eggs in Nest =2; Unfledged Young =3; Recent Fledglings =4; Post Nesting =5

**Survey Type Code:** Total Count = 1; Visual Estimate =2; Sampling =3; Other =0 = specify in

Comments: \_\_\_\_\_

**COLONY SITE DESCRIPTION**

County: \_\_\_\_\_ Size: \_\_\_\_\_ Hectares Owner: \_\_\_\_\_

Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_ Owner Address: \_\_\_\_\_

Nearest City/Town: \_\_\_\_\_ Distance: \_\_\_\_\_ km. Direction to Colony: \_\_\_\_\_

**USE:**  
N, S  
E, W  
NE, SE  
NW, SW

Distance to Nearest Routinely Occupied Dwelling within 1km from Colony: \_\_\_\_\_

Distance to Nearest Highway, Canal, Airport, Park, Railroad, Etc. within 1 km from Colony: \_\_\_\_\_

Height of Lowest Nests Above Normal Water Level: \_\_\_\_\_ Meters.

Would Some Nests Be Flooded By Extreme High Water Levels Expected at the Colony?  YES  NO

General Description: \_\_\_\_\_

Is Colony Specifically Managed or Protected For Waterbirds?  YES  NO

**GENERAL HABITAT:** (Check as applicable)

- Peninsula
- Saltwater Non-barrier Island
- Shoreline/Lake, Pond, Impoundment
- Riparian/River, Stream
- Barrier Island
- Freshwater Island
- Shoreline/Ocean, Estuary
- Upland Wooded
- Bottomland hardwood
- Other: \_\_\_\_\_

**SPECIFIC HABITAT:** (Check as applicable)

- Salt Marsh
- Wooded Swamp
- Salt Flat
- Sandy Beach
- Deciduous Trees
- Parking Lot
- Man-Made Structure
- Fresh Marsh
- Bog
- Rooftop
- Gravel or Shell Beach
- Evergreen Trees
- Pier, Jetty, Dock, Breakwater
- Spoil/Fill Area
- Sand Bar
- Shrub Swamp
- Dune
- Mixed Trees
- Mixed Forbs/Shrubs/Grass
- Bottomland hardwood
- Other: \_\_\_\_\_

**IMPORTANT VEGETATION:** (Check as applicable) - Not Limited to Vegetation Supporting Nests.

- Baccharis
- Bald Cypress
- Black Mangrove
- Black Willow
- Bulrush
- Buttonbush
- Cane
- Cattail
- Cedar Elm
- Cherrybark Oak
- Chinaberry
- Chinese Tallow
- Cottonwood
- Elm
- Green Ash
- Hackberry
- Honey-locust
- Juniper
- Live Oak
- Nuttall Oak
- Oak
- Osage Orange
- Pecan
- Pine
- Post Oak
- Prickly Pear
- Red Maple
- Tupelo
- Salt Cedar
- Salt Marsh Grass
- Sea Ox-eye
- Water Elm
- Water Oak
- Wild Rose
- Willow
- Willow Oak
- Winged Elm

OTHERS: (Print)

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**GROUND SURFACE:** (Check as applicable)

- Sand
- Rocks
- Soil
- Shell
- Cliff
- Dead Herbaceous/Wrack/Drift
- Cobble
- Salt/Mud Flat
- Other: \_\_\_\_\_