

Dear Allen,

This is a first time census of this type for me. I am sending this note along with the forms to better describe what I saw.

On June 21 1998, I started at "The Rookery" which is a secluded fresh water swamp at the southern end of our refuge. It is surrounded by lowland hardwoods and rolling hills. At approximately 12:51 these were the birds observed:

Anhinga	2 adults,	no nest observed.
Great Egret	12 adults	6 nests observed
Little Blue Heron	2 adults	no nests observed
Y capped Night Heron	6 adults	no nests observed

This area is also heavily used by Vultures.

The next area observed on the refuge was "The Swamp". The birds in this area did not seem to have nests nearby, but this area is great for feeding this time of year when the Mississippi river is flooding or beginning to recede. The birds observed in this area were:

Great Blue Heron	2 adults
Cattle Egrets	9 adults (in an adjacent field)
Wood Storks	35 adults
White Pelican	16 adults

Larger flocks of Wood Storks and White Pelicans may be seen on the refuge.

On June 13th while on patrol a flock of 50+ Wood Storks were observed near Cloverdale on the refuge. If I have the privilege of doing this survey next year, I will get an earlier start and get a better job done of it. I apologize for the delay.

Sincerely, Nathan Hill

COLONY NAME: The Rookery

(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 21 98  
mo. day year

SURVEY, ACTIVE \_\_\_\_\_

OBSERVER(S):

Primary:

Hill Nathan R  
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

POINT:

ON-SITE VISIT

VIEW FROM ADJACENT AREA BY VEHICLE/BOAT/ON FOOT

TIME: Start 1251

military

END 1359

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) NESTS   ADULT	No. Active Nests	No. Adults	Est. Breed. Pairs
Brown pelican					
Dbl.-cr. Cormorant					
Anhinga				2	1
Great Blue Heron					
Great Egret			6	12	6
Snowy Egret					
Little Blue Heron				2	1
Tricolored Heron					
Reddish Egret					
Cattle Egret					
Bl.-cr. Night-Heron					
Y.-cr. Night-Heron		1411 = 6		6	3
White Ibis				2	
White-faced Ibis					
Roseate Spoonbill					
Laughing Gull					
Gull-billed Tern					
Caspian Tern					
Royal Tern					
Sandwich Tern					
Forster's Tern					
Least Tern					
Black Skimmer					

nesting = 1  
egs in Nests = 2  
fledged Young = 3

Recent Fledglings = 4  
Post nesting = 5

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

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

## COLONY SITE DESCRIPTION

side 2

COUNTY:

Adams

SIZE:

hectares

LATITUDE:

LONGITUDE:

OWNER:

US Fish + Wildlife

NEAREST CITY/TOWN:

Sibley

Distance:

km.

Direction To Colony:

DISTANCE TO NEAREST ROUTINELY OCCUPIED DWELLING WITHIN 1 km FROM COLONY

1/2 to 1 mile

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

1/2 to 1 mile

HEIGHT OF LOWEST NESTS ABOVE NORMAL WATER LEVEL

Approx 3 meters

USE

N, S

E, W

NE, SE

NW, SW

WOULD SOME NESTS BE FLOODED BY EXTREME HIGH WATER LEVELS EXPECTED AT THE COLONY?

YesNo

GEN. DESCRIPTION:

Secluded swamp surrounded by wooded areaIS COLONY SPECIFICALLY MANAGED  
OR PROTECTED FOR WATERBIRDS?:YesNo

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 fresh water/marsh☐ 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



COLONY NAME: The Swamp, Sibley

(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 21 98  
mo. day year

SURVEY, ACTIVE \_\_\_\_\_

OBSERVER(S):

Primary:

Hill, Nathan R  
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

POINT: ☒ ON-SITE VISIT

\_\_\_\_\_ VIEW FROM ADJACENT AREA BY VEHICLE/BOAT/ON FOOT

TIME: Start

1405

END

1500

military

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		2	1
Great Egret						
Snowy Egret						
Little Blue Heron						
Tricolored Heron						
Reddish Egret						
Cattle Egret			9			4
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						
Wood Storks			35	none sighted		17
White Pelican			16			8

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:

The birds in this area were not nesting, but feeding

## COLONY SITE DESCRIPTION

side 2

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

LATITUDE: \_\_\_\_\_ LONGITUDE: \_\_\_\_\_ OWNER: \_\_\_\_\_

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)

- |  |   |   |
|--|---|---|
| <input type="checkbox"/> peninsula                         | <input type="checkbox"/> barrier island           | <input type="checkbox"/> upland wooded                  |
| <input type="checkbox"/> saltwater non-barrier island      | <input type="checkbox"/> freshwater island        | <input checked="" type="checkbox"/> bottomland hardwood |
| <input type="checkbox"/> shoreline/lake, pond, impoundment | <input type="checkbox"/> shoreline/ocean, estuary |   |
| <input type="checkbox"/> riparian/river, stream            | <input type="checkbox"/> other _____              |   |

SPECIFIC HABITAT: (Check as applicable)

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> salt marsh              | <input type="checkbox"/> fresh marsh                   | <input type="checkbox"/> spoil/fill area          |
| <input checked="" type="checkbox"/> wooded swamp | <input type="checkbox"/> bog                           | <input type="checkbox"/> sand bar                 |
| <input type="checkbox"/> salt flat               | <input type="checkbox"/> rooftop                       | <input type="checkbox"/> shrub swamp              |
| <input type="checkbox"/> sandy beach             | <input type="checkbox"/> gravel or shell beach         | <input type="checkbox"/> dune                     |
| <input type="checkbox"/> deciduous trees         | <input type="checkbox"/> evergreen trees               | <input type="checkbox"/> mixed trees              |
| <input type="checkbox"/> parking lot             | <input type="checkbox"/> pier, jetty, dock, breakwater | <input type="checkbox"/> mixed forbs/shrubs/grass |
| <input type="checkbox"/> man-made structure      | <input type="checkbox"/> other _____                   | <input type="checkbox"/> 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>_____ |
| <input checked="" 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)

- |                                      |  |  |
|--------------------------------------|--|--|
| <input type="checkbox"/> sand        | <input type="checkbox"/> shell                       | <input type="checkbox"/> cobble        |
| <input type="checkbox"/> rocks       | <input type="checkbox"/> cliff                       | <input type="checkbox"/> salt/mud flat |
| <input type="checkbox"/> soil        | <input type="checkbox"/> dead herbaceous/wrack/drift |  |
| <input type="checkbox"/> other _____ |  |  |