

United States Department of the Interior

FISH AND WILDLIFE SERVICE MISSISSIPPI WETLAND MANAGEMENT DISTRICT





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

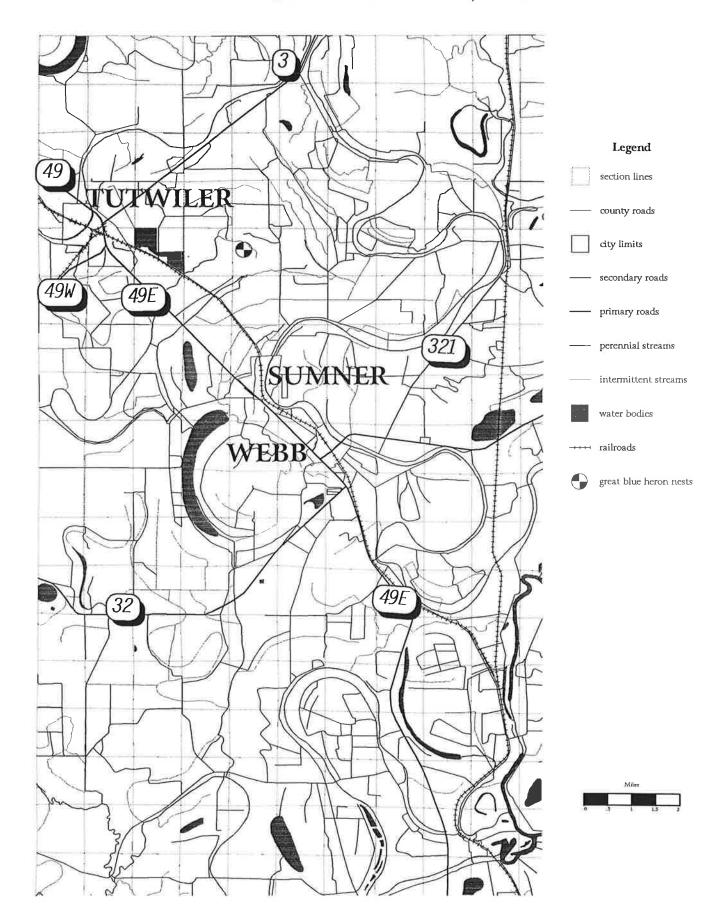
12 W					-	
	1	• 20				
CLONIAN P	enninator Furt	Mississippi Col	onial Waterbird Count	Form	CENSUS PARTICIPAN	side 1
OLONY NAME: // Toler of the control	be a new colony or update desc	cription for a known co	lony)	i	ODNOOD TAKTION AN	
olony code no:	A24-1	SURVEY, INACTIV	(check one)		Please be as complete as particularly:	s possible
JRVEY DATE: 04 - 0 mo. da	2-94 ay year	SURVEY, ACTIVE	∠ *-*-*-	-*-*- *	Review form guideli	nes prior to census.
BSERVER(S): Primary: Last name cooperators:	may J Fred , first, m.i.			Compiler * Use Only * -*-*-*	 Fill in/check mark all section, side 1. Always provide "Est active colonies. Give updated site de whenever changes an 	. Breed. Pairs" data for scription data on side 2
JRVEY VANTAGE DINT:	_ AERIAL _ ON-SITE VISIT _ VIEW FROM ADJACENT A	AREA BY VEHICLE/I		TIME: Start <u>(500</u> END <u>1600</u>	<	ilitary rmat
TATUS 1 NEW COLONY	2 PREV. KNOWN COLO	NV (COUNT + DES	CRIPTION LIPDATE	3 PR	EV. KNOWN COLONY	(COUNT ONLY)
_ I NEW COLONI	Predominant Reprod. Stage (enter 1 code)		(enter code)	No Active Nests	T	Est. Breed.
Brown pelican	Dinge (criter 1 cour)					
Dblcr. Cormorant		U				
Anhinga						
Great Blue Heron	2?	1	1	63	100	63
590 - 4596 - C						1
Great Egret						
Snowy Egret						
Little Blue Heron						
Tricolored Heron						
Reddish Egret						
Cattle Egret						
Blcr. Night-Heron						-
Ycr. Night-Heron						
White Ibis						
White-faced Ibis						
Roseate Spoonbill						
Laughing Gull						
Gull-billed Tern						
Caspian Tern						
Royal Tern						
Sandwich Tern						
Forster's Tern				<u> </u>		
Least Tern						
Black Skimmer				-		
	1					
renesting ggs in Nests Infledged Young	= 1 Recent Fledglings = 2 Post nesting = 3	= 4 = 5 highest wonl	Total Count Visual Estimate Other	= 1 Sampling = 2 = 0 = specify in co	i	ut of three
or tour visi	is represents the	Starling OF P	ests, all of which	h were in	good repair, 1	descruations were

male with a spotting scope from thise distance.

COLONY SITE DESCRIPTION

county: Tollonatchie			SIZE:	hectares
LATITUDE: ~ 34 0 35.78 N	LONGITUDE: ~90° 22'.40	.72"W OWNER: US]	Fuls	· · · · · · · · · · · · · · · · · · ·
NEAREST CITY/TOWN:		Distance:	km. Direction To Colo	ny:
DISTANCE TO NEAREST ROUTINELY OF	CUPIED DWELLING WITHIN 1 km F	ROM COLONY		USE N, S
DISTANCE TO NEAREST HIGHWAY, CAI	NAL, AIRPORT, PARK, RAILROAD, F	ETC. WITHIN 1 km FROM COL	ONY	E, W NE, SE
HEIGHT OF LOWEST NESTS ABOVE NO		meters		NW, SW
WOULD SOME NESTS BE FLOODED BY	EXTREME HIGH WATER LEVELS EX	(PECTED 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	s	
IMPORTANT VEGETATION: (Check as A	Applicable) - Not Limited to vegetation st	apporting 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 Applicate	ole)			
sand rocks soil	_ shell _ cliff _ dead herbaceous/wrack/drift	cobble salt/mud flat		c twp51\work\alkn\cemus_fri

TALLAHTCHIE COUNTY, MISSISSIPPI



Λ.	COLONI SHE DE	JOKII I ION	
TY: Leflore		SIZE: 2-5	hectares
2001	LONGITUDE: 90° 20' 19.90	OWNER: US ACOE	
EST CITY/TOWN: NOI 9 a N	City	Distance: 5,2 km. Direction To Colon	نگ ا
		T V 1A.	
NCE TO NEAREST ROUTINELY OCC	CUPIED DWELLING WITHIN 1 km FRO	M COLONY 5 NP	USE N, S
NCE TO NEAREST HIGHWAY, CANA	L, AIRPORT, PARK, RAILROAD, ETC	WITHIN 1 km FROM COLONY PUM ALMS at Spoil COULD BECAME	E, W NE, SE
IT OF LOWEST NESTS ABOVE NORM		A meters at Mest site!	NW, SW
.D SOME NESTS BE FLOODED BY EX	KTREME HIGH WATER LEVELS EXPE	CTED AT THE COLONY? Yes No	
\ _	11 11 11 -	D. Ti usaa	£
DESCRIPTION: Say 5	poil from 42200	KIVER OWNED BY USCO.	
LONY SPECIFICALLY MANAGED	e vept.	ially to be deeded to USF.	LWS.
PROTECTED FOR WATERBIRDS?:	Yes		
	No No		
RAL HABITAT: (Check as applicable)			
ninsula	barrier island	upland wooded	
twater non-barrier island	freshwater island	_ bottomland hardwood	
oreline/lake, pond, impoundment	shoreline/ocean, estuary	11 1 Agar Cala	lavia
arian/river, stream	_other _Sand dunes CA	reated by the ACOE after dre	05175
	the yazoo River		
	× × ×	(S) = x (6) V	
(FIC HABITAT: (Check as applicable)			
: marsh	fresh marsh	spoil/fill area	
oded swamp	bog	sand bar	
t flat	rooftop	shrub swamp	
idy beach	gravel or shell beach	▼ dune	
eiduous trees	evergreen trees	mixed trees	
rking lot	_ pier, jetty, dock, breakwater	mixed forbs/shrubs/grass	
in-made structure	other	bottomland hardwood	
	160 F	3	
		ating mosts	
RTANT VEGETATION: (Check as App	olicable) - Not Limited to vegetation suppor	tting nests.	
ceharis	Elm	Prickly Pear OTHERS (print in)	
ld Cypress	Green Ash	Red Maple	
ack Mangrove	Hackberry	Tupelo	
ack Willow	Honey-locust	Salt Cedar	
Irush	Juniper	Salt March Grass	
:ttonbush	_ Live Oak	Sea ox-eye	
ine	Nuttall Oak	Water Elm	
ıttail	_ Oak	_ Water Oak	
edar Elm	Osage Orange	Wild Rose	
terrybark Oak	Pecan	Willow	
inaberry	Pine	Willow Oak	
ninese Tallow	Post Oak	Winged Elm	
ottonwood	_	15	
	To the second se		
UND SURFACE: (Check as Applicable)		*	
		aphle	
nd	_ shell	cobble salt/mud flat	
eks	_ cliff	SalVilluu Itat	
il .	_ dead herbaceous/wrack/drift		e:\wp51\work\allan\census.fm
L			

COLONY NAME: Le	eflore Least.	Mississippi Co	olonial Waterbird Cour		CENSUS PARTICIPAN	side 1
	ibe a new colony or update de	scription for a known co			CENSUS PARTICIPAN	13
COLONY CODE NO:_		SURVEY, INACTI	(check one) VE		Please be as complete as	possible
SURVEY DATE: 6	16 97 ay year	SURVEY, ACTIVE	¥	i	particularly:	
	ay year		*-*-*-	*-*-*-	1. Review form guideling	nes prior to census.
OBSERVER(S): Brimary:	serman Fr	د گ	*	*	Fill in/check mark al section, side 1.	pertinent spaces in top
Last name	, first, m.i.		*	Compiler L. Use Only		D. I D. III.
Cooperators: <u>US</u>	T-1 . 1 1111	Inc Sun		Use Omy	 Always provide "Est active colonies. 	Breed. Pairs" data for
Cooperators: 1/2		UN this trac	¥_*_*_	*_*_*_*	4. Give updated site des	cription data on side 2
ACO	E presenty o.	up this trac	+	<u>L</u>	whenever changes are	
SURVEY VANTAGE _	ERIAL			TIME: Start	o Pry	
POINT:	ON-SITE VISIT					itary
STATUS -	_ VIEW FROM ADJACENT	AREA BY VEHICLE	BOAT/ON FOOT	END_1400	PM ← for	wat
1 NEW COLONY	2 PREV. KNOWN COL	ONY (COUNT + DES	CRIPTION. UPDATE	3 PRE	V. KNOWN COLONY	(COUNT ONLY)
	Predominant Reprod. Stage (enter 1 code)	Survey Typ	e (enter code) ADULT	No. Active Nests	No. Adults	Est. Breed.
Brown pelican	Stage (enter 1 code)	NESTS	ADOLI			Pairs
Dblcr. Cormorant						
Anhinga						
Great Blue Heron						
Great Egret						
Snowy Egret						
Little Blue Heron						
Tricolored Heron						i i
Reddish Egret						
Cattle Egret						
Blcr. Night-Heron						
Ycr. Night-Heron						
White Ibis						
White-faced Ibis				-		
Roseate Spoonbill						
Laughing Gull		-				
Gull-billed Term						
Caspian Tern Royal Tern						*
Sandwich Tern						
Forster's Tern						
Least Tern	4	1	1	2	10	4
Black Skimmer				1	1.0	
	1	1	1			
Prenesting Eggs in Nests Unfledged Young	Eggs in Nests = 2 Post nesting = 5 Unfledged Young = 3 Visual Estimate = 2 Other = 0 = specify in comments					
COMMENTS: OPE	toples in red	s seen at t	his location) ON 7/2	99 + A Sec	attached votes

species	number	date	county	observer	comments
leasttein	9	6(5/,6)2/397	Leffore	as:	one nest with three eggs and a half a dozen empty nest scrapes, defensive behavior exibited by all nine adults in sand dune habitat, south of Morgan City and north of the Yazoo River
least tern	4	06/05/97		FB	Tallahatchie NWR, 5 miles south of Crowder
least tern	2	06/15/97	Tall/Quit	FB	Tallahatchie NWR, 5 miles south of Crowder
léastiem leastiem	10		THE RESERVE OF THE PARTY OF THE	FB FB	One nest with two eggs, another nest with only one egg and a half a dozen empty nest scrapes. Defensive behavior exibited by 10-12 adults. The nest with three eggs was not relocated and the scrapes were at different locations then 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 FmHaTract, immediately east of Sledge, MS
least tern	2	06/27/97	Tall/Quit	FB	Tallahatchie NWR, 5 miles south of Crowder
Paston	6	07/111/97	Loilere	SB.	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.
leas-(form	9	97/220197	Leilore	P Bajjanur	a young saby tem was found. Sand dunt area 3.5 niles south of Morgan City.

COLONY NAME: PET	mington tmHA	Mississippi Colon		unt Form	CENSUS PARTICIPAN	TS sid
COLONY CODE NO: 7 SURVEY DATE: 6 mo. de OBSERVER(S): 7	ay year also 4/1/97 serman Fred instrument. Fish and Wild AERIAL ON-SITE VISIT	SURVEY, INACTIVE SURVEY, ACTIVE	*-*-*	Compiler tuse Only to the Compiler tuse Only to the Compiler tuse Only to the Compiler tuse Only	Please be as complete as particularly: 1. Review form guideli 2. Fill in/check mark al section, side 1. 3. Always provide "Est active colonies. 4. Give updated site dec whenever changes are	possible nes prior to census. I pertinent spaces in to Breed. Pairs data for
TATUS 1 NEW COLONY	2 PREV. KNOWN COLON	Y (COUNT + DESCRI	PTION. UPDAT		EV. KNOWN COLONY	
	Predominant Reprod. Stage (enter 1 code)	Survey Type (er NESTS A	DULT	No. Active Nests	No. Adults	Est. Breed. Pairs
Brown pelican						
Dblcr. Cormorant						a.
Anhinga	002 1 7 / 1					
Great Blue Heron	80) 3/4			50		50
Great Egret	birds all					
Snowy Egret	young looking,					
Little Blue Heron						
Tricolored Heron						
Reddish Egret		P*-		2		
Cattle Egret						8
Blcr. Night-Heron					in in	
Ycr. Night-Heron						
White Ibis	4					
White-faced Ibis	- P				<u> </u>	ls.
Roseate Spoonbill						
Laughing Gull						
Laughing Gull Gull-billed Tern						
Laughing Gull Gull-billed Tern Caspian Tern						
Laughing Gull Gull-billed Tern Caspian Tern Royal Tern	7					*
Laughing Gull Gull-billed Tern Caspian Tern Royal Tern Sandwich Tern						
Laughing Gull Gull-billed Tern Caspian Tern Royal Tern Sandwich Tern Forster's Tern						25.
Laughing Gull Gull-billed Tern Caspian Tern Royal Tern Sandwich Tern Forster's Tern Least Tern						
Laughing Gull Gull-billed Tern Caspian Tern Royal Tern Sandwich Tern Forster's Tern						275
Laughing Gull Gull-billed Tern Caspian Tern Royal Tern Sandwich Tern Forster's Tern Least Tern		9				J#:

COMMENTS:

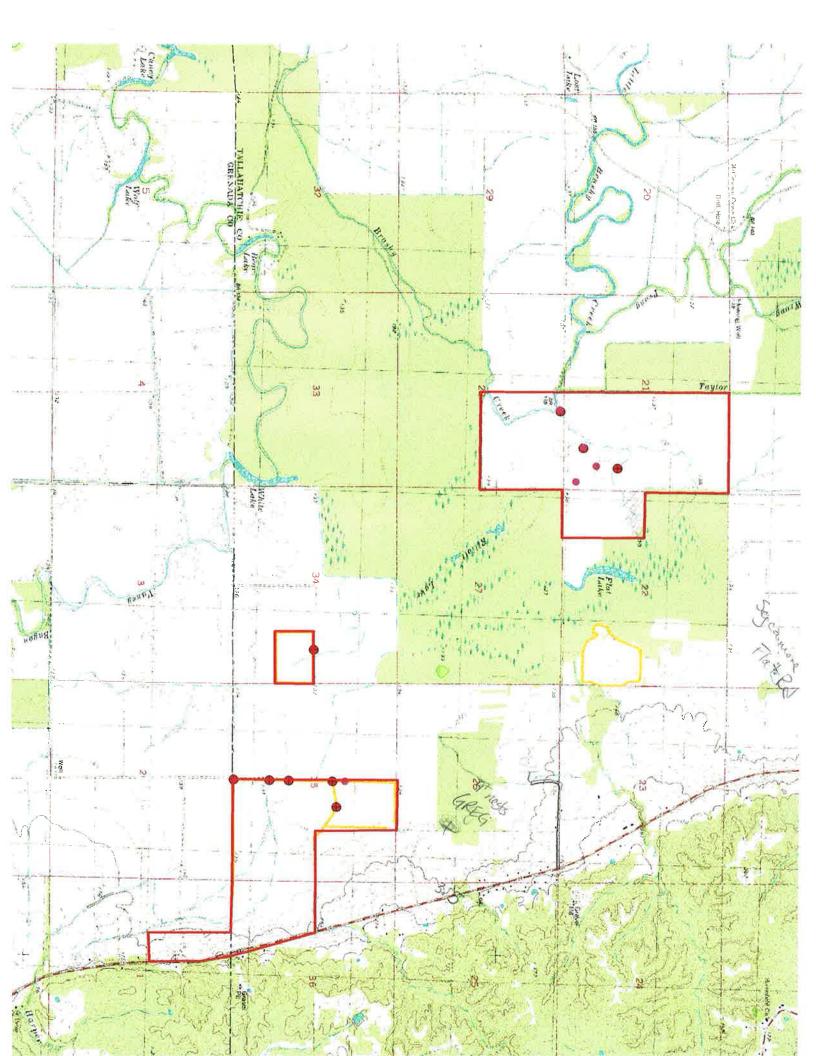
	.77	Mississippi Co	Ionial Waterbird Cour	nt Form		side 1
	be a new colony or update descri				CENSUS PARTICIPAN	
COLONY CODE NO:		SURVEY, INACTIV	(check one) /E	ii e	Please be as complete as	possible
SURVEY DATE: 06 2		SURVEY, ACTIVE	✓	P	articularly:	
mo. da	•		*-*-	*-*-*- *	. Review form guidelin	es prior to census.
OBSERVER(S): Wood	S, Rebecca L.		* *	* 2	 Fill in/check mark all section, side 1. 	pertinent spaces in top
Last name,	first, m.i.		*	Compiler Use Only 3	. Always provide "Est.	Breed Pairs" data for
Cooperators:			*	*	active colonies.	Dicca. Fairs data for
			*_*_*	*-*-*-*	. Give updated site des	
STAPUS	_ AERIAL _ ON-SITE VISIT _ VIEW FROM ADJACENT A 2 PREV. KNOWN COLO		•	TIME: Start 08:5		itary mat
V I NEW COLONI	Predominant Reprod. Stage (enter 1 code)			No. Active Nests	V. KNOWN COLONY (Est. Breed.
Brown pelican	Stage (enter 1 code)	NÉSTS	e (enter code) ADULT			Pairs
Dblcr. Cormorant						
Anhinga						
Great Blue Heron	4/5	/		6	-	6
Great Egret	- 7					
Snowy Egret						
Little Blue Heron						
Tricolored Heron						
Reddish Egret	+					
Cattle Egret						
Blcr. Night-Heron				(**)		
Ycr. Night-Heron						
White Ibis						
White-faced Ibis				1 C = 1 35		321
Roseate Spoonbill						
Laughing Gull						
Gull-billed Tern		P)				
Caspian Tern						
Royal Tern						
Sandwich Tern						
Forster's Tern					78	
Least Tern						
Black Skimmer						
	<u> </u>					
Prenesting Eggs in Nests Unfledged Young	= 1 Recent Fledglings = 2 Post nesting = 3	= 4 = 5	Total Count Visual Estimate Other	= 1 Sampling = = 2 = 0 = specify in com	ments	
COMMENTS: COUNT	ed Il birds + Still on nos	hat flushed	ed - prob	ably Soul	fledglings.	2 add time

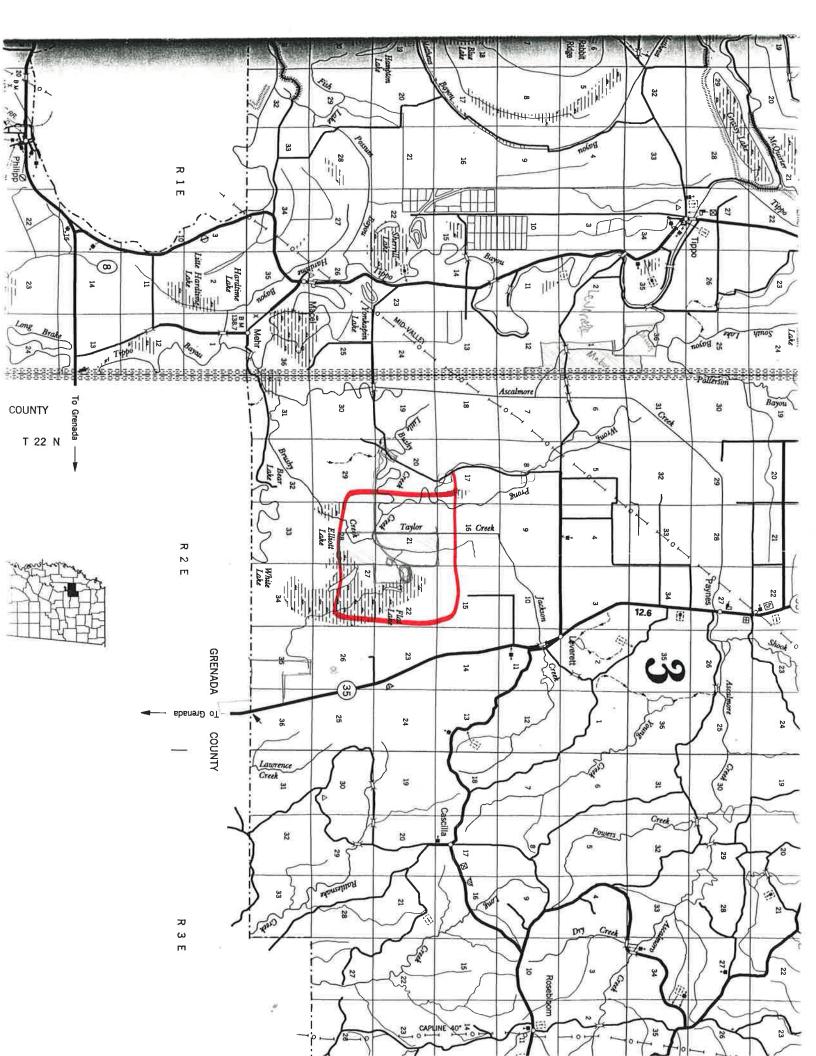
COLONY SITE DESCRIPTION

COUNTY: Grenada			SIZE: 0.12	hectares
LATITUDE: 33.76 N	LONGITUDE: 89,78	W OWNER: UST	FWS	
NEAREST CITY/TOWN: Grenada		Distance: kr	n. Direction To Color	ny: SE_
DISTANCE TO NEAREST ROUTINELY OCC	CUPIED DWELLING WITHIN 1 km FRO	M COLONY _ D. G	,4 km	USE N, S
DISTANCE TO NEAREST HIGHWAY, CAN	al, airport, park, railroad, etc	. WITHIN 1 km FROM COLOR	NY _ O. 64	E, W NE, SE
HEIGHT OF LOWEST NESTS ABOVE NOR	MAL WATER LEVEL	meters	L	NW, SW
WOULD SOME NESTS BE FLOODED BY E	XTREME HIGH WATER LEVELS EXPE	CTED AT THE COLONY?	Yes No	
GEN. DESCRIPTION: 2 hests in	trees over pond, Fer	mairder high	in oak tree	es along
IS COLONY SPECIFICALLY MANAGED OR PROTECTED FOR WATERBIRDS?:	Yes	C P P x 1 3 b	Stream	
N 1 N 2	_X No		g the season	
GENERAL HABITAT: (Check as applicable)	*		A- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	× 26
peninsula	barrier island	upland wooded		
_ saltwater non-barrier island	🏂 freshwater island	∠ bottomland hardwood	N .	
shoreline/lake, pond, impoundment	shoreline/ocean, estuary		3	
riparian/river, stream	other			
VI II g		V.	8 9	
SPECIFIC HABITAT: (Check as applicable)		, R =		
salt marsh	≥ fresh marsh	spoil/fill area		
Xwooded swamp	bog	sand bar		⊙
salt flat	rooflop	shrub swamp		
sandy beach	gravel or shell beach	dune		
deciduous trees	evergreen trees	_ mixed trees		
parking lot	_ pier, jetty, dock, breakwater	mixed forbs/shrubs/grass bottomland hardwood	0.00	
man-made structure	_ other	Dollomiana narawood		
IMPORTANT VEGETATION: (Check as Ap	plicable) - Not Limited to vegetation suppor	rting nests.	9	
Baccharis	Elm	_ Prickly Pear	OTHERS (print in)	
Bald Cypress	Green Ash	_ Red Maple	***************************************	
Black Mangrove	Hackberry	Tupelo		
Black Willow	Honey-locust	_ Salt Cedar		
— Bulrush	_ Juniper	_ Salt March Grass		
_ Buttonbush	Live Oak Nuttall Oak	Sea ox-eye Water Elm		
_ Cane Cattail	X Oak	Water Cak		
Cedar Elm	_ Osage Orange	Wild Rose	*	
_ Cherrybark Oak	Pecan	Willow		
Chinaberry	_ Pine	Willow Oak		
_ Chinese Tallow	Post Oak	Winged Elm		
Cottonwood				
	¥-		40	
<u> </u>				
GROUND SURFACE: (Check as Applicable)	v - F		*	
sand	shell	cobble	7 4 5	
sand rocks	_ snell _ cliff	salt/mud flat		
soil	dead herbaceous/wrack/drift		69	
all as	_ Dada IIO. Dancouni ii Iunai allii			and deliberation of

T.	\.u	Mississippi Co	lonial Waterbird Cou			side 1
COLONY NAME: (Use other side to descri	be a new colony or update descri	intion for a known co	lony)	- II 3	CENSUS PARTICIPAN	TS
			(check one)	ı		
COLONY CODE NO:		SURVEY, INACTIV	/E		Please be as complete as particularly:	possible
SURVEY DATE: 06 2 mo. da	J Ol year	SURVEY, ACTIVE			l. Review form guideli	nes prior to census.
OBSERVER(S): Primary: Last name,	ods, Rebecca L		*	Compiler *	2. Fill in/check mark al section, side 1.	
Cooperators:			* *		3. Always provide "Est active colonies.	
1			~-~-		 Give updated site des whenever changes are 	scription data on side 2 detected.
	_ AERIAL _ ON-SITE VISIT VIEW FROM ADJACENT AI 2 PREV. KNOWN COLON		*	TIME: Start /045 END // 30	mi	(0)
_				No. Active Nests	No. Adults	Est. Breed.
	Predominant Reprod. Stage (enter 1 code)	NESTS	e (enter code) ADULT	No. Active Nests	No. Addits	Pairs
Brown pelican						
Dblcr. Cormorant						
Anhinga						
Great Blue Heron						
Great Egret						
Snowy Egret						
Little Blue Heron	3	1	1	9	12	9
Tricolored Heron		N = .				
Reddish Egret						
Cattle Egret	\$2	2	1	250	275	250
Blcr. Night-Heron		3 3 30.00				
Ycr. Night-Heron						
White Ibis						
White-faced Ibis				V		2
Roseate Spoonbill		× %;				
Laughing Gull						
Gull-billed Tern						
Caspian Tern		ı ûş				
Royal Tern						
Sandwich Tern						
Forster's Tern		**				
Least Tern		15"				
Black Skimmer						
	\uparrow	1	1			
Prenesting Eggs in Nests Unfledged Young	= 1 Recent Fledglings = 2 Post nesting = 3	= 4 = 5	Total Count Visual Estimate Other	= 1 Sampling : = 2 = 0 = specify in com	1	
COMMENTS: AHL	the egests were		esso Ma		s, I believe	e a number
nest as if	incubating (the	u were ad	lults in b	needing plans	ge). There	were several

COUNTY: Tallahatchie			SIZE: 0.25	hectares
ATITUDE: 33,85N	LONGITUDE: 90.08 W	OWNER:	-ws	
NEAREST CITY/TOWN: _ Le Vere	!+	Distance: 4.4	km. Direction To Color	ıy: <u>SW</u>
DISTANCE TO NEAREST ROUTINELY OC	CUPIED DWELLING WITHIN 1 km FRC	M COLONY N	<u> </u>	USE
DISTANCE TO NEAREST HIGHWAY, CAN	AL, AIRPORT, PARK, RAILROAD, ETC		NYN/A	N, S E, W
HEIGHT OF LOWEST NESTS ABOVE NOR	MAL WATER LEVEL	1/2 meters		NE, SE NW, SW
WOULD SOME NESTS BE FLOODED BY E	EXTREME HIGH WATER LEVELS EXPE	ECTED AT THE COLONY?	Yes No	7
GEN. DESCRIPTION: Jensely	clustered nests in	buttonbush	140	
JEN. DESCRIPTION:	TIESTE TIESTE IN	SIGNOTORSK		
OR PROTECTED FOR WATERBIRDS?:	Yes	* * 2 * 1	Lia e	2
To wall a mile;	<u> </u>		A Paranaga	6)
GENERAL HABITAT: (Check as applicable)				v _3
* 1	8			
_ peninsula	barrier island	upland wooded		
_ saltwater non-barrier island	freshwater island	bottomland hardwood	*	
_ shoreline/lake, pond, impoundment	shoreline/ocean, estuary	s — a 5		
_ riparian/river, stream	other	5		0.4
		12		
SPECIFIC HABITAT: (Check as applicable)			* *	
salt marsh	fresh marsh	spoil/fill area		
_ wooded swamp	_ bog	sand bar		
salt flat	rooflop	Shrub swamp		
sandy beach	gravel or shell beach	dune		e* 2
deciduous trees	evergreen trees	mixed trees	*.	
_ parking lot	_ pier, jetty, dock, breakwater	mixed forbs/shrubs/grass		
man-made structure	_ other	bottomland hardwood	8 = 8	4.8
1518 5 81	2 2 2		s = 2 *	Si .
8 to 0 ie		20		
IMPORTANT VEGETATION: (Check as App	plicable) - Not Limited to vegetation suppor	rting nests.	击	30 %
_ Baccharis	Elm	Prickly Pear	OTHERS (print in)	
Bald Cypress	Green Ash	Red Maple		
_ Black Mangrove	Hackberry	Tupelo		
Black Willow	Honey-locust	Salt Cedar	:	
Bulrush	Juniper	Salt March Grass		
∑ Buttonbush	Live Oak	Sea ox-eye		
Cane	Nuttall Oak	Water Elm		
_ Cattail	_ Oak	Water Oak	X •	
_ Cedar Elm	Osage Orange	Wild Rose		
_ Cherrybark Oak	Pecan	Willow	-	
_ Chinaberry	Pine	Willow Oak		
_ Chinese Tallow	Post Oak	Winged Elm		
_ Cottonwood				
			1272	
GROUND SURFACE: (Check as Applicable)				
	4.0	y 18 ²	6	
— sand	shell	_ cobble	5 2	
rocks soil	cliff	salt/mud flat		H =
other	dead herbaceous/wrack/drift			T .





wasirsinni Color	nial Waterbird Count Form					Side 1
	Gillon Tract			CENSU	JS PARTICII	PANTS
(Use other side to de	scribe a new colony or update description for	a known colony)		Please particul		ele as possible
COLONY CODE NO	8	COLONY, IN	(Check one)		ew form guid	delines prior to
SURVEY DATE: 04	,-10-03		TIVE /	2. Fill in		all pertinent
OBSERVER(S)	day year	0020,,,,,	, (10.0)	3. Alwa	ys provide "E	Est Breed,
Primary:	Joods, Rebecca L. ast name, first, m.i.	_	Compiler Use Only	4. Give		e colonies description data changes are
_						
SURVEY VANTAGE	POINT:Aerial On-Site Visit View from adjacent area by	v vehicle/Boat/On F	TIM	E: Start 084 End 074 (Use Military	S (ormat)	
STATUS*					·	
Species	Colony 2, Prev. Known Colony (Count					
Species	Predominant Reproductive Stage (enter 1 code from box below)	Nests (enter cod	vey Type de below) Adults	No. Active Nests	No.Adults	Est. Breed.Pairs
Brown Pelican						
Dbl -cr Cormorant						
Anhinga						
Great Blue Heron	4 (recent or nearly fledged).		2	8	5	8
Great Egret	3.33	•				
Snowy-Egret						
Lille Blue Heron						
Tricalored Heron						
Reddish Egret						
Cattle Egret						
BI -cr Night-Heron						
Y -cr Night-Heron						
Green Heron		_				
White Ibis				11500000	40 004	
While-faced lbis	a) (a) — (a) — ad					
Roseate Spoonbill						
Laughing Gull						
Gull-billed Tern						
Caspian Tern						
Royal Tern						
Sandwich Tern						
Forster's Tern						
Least Fern						
Black Skimmer						
Reprod. Stage Codes Unfledged Young =3.	s: Prenesting =1, Eggs in Nest =2, Recent Fledglings =4; Post Nesting =5		Survey Type C Estimate = 2, Sa	ode: Fotal Count = 1 impling =3, Other =0	, Visual = specify in	

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

<i>C</i> ,				Side Z
County: Grenada	Size: 0,12 H	Hectares Owner: 1	ISFWS	E.
Latitude: 33°45′ N	Longitude: 89°4	Owner A	Address: 2776 Suns	et DE Caren
			Ms 389	
Nearest City/Town: Grenac	٠	2 99		
Nearest City/Town: Cit & Was	Distance	ce: <u>2.98</u> km.	Direction to Colony: 3	E USE:
				N, S
Distance to Nearest Routinely C	Occupied Dwelling within 1km fr	rom Colony: 0.64 K	n	E, W NE. SE
				NW, SW
Distance to Nearest Highway C	Canal, Airport, Park, Raliroad, E	the within 4 long frame Call	> lad box	
Distance to Nearest Flighway, C	anai, Airport, Park, Raiiroad, E	itc. within 1 km from Colony:	3.64 EMO	
Height of Lowest Nests Above N	Normal Water Level: 15	Meters.		
Would Some Nests Be Flooded	By Extreme High Water Levels	Expected at the Colony?	YES NO	
General Description: 411	lests high in he	end woods overhaum	winding creek	. Newt
		60	3	
to impounded water	<i>^</i>			
Is Colony Specifically Managed	or Protected For Waterbirds?	□YES ®MO		
GENERAL HABITAT: (Check a	s applicable)			
□ Peninsula	® Zingsion/Di	ives Street	D CI - II 10	
☐ Saltwater Non-barrier Island	© Riparjan/Ri □ Barrier Isla		Shoreline/Ocean,Upland Wooded	Estuary
Shoreline/Lake, Pond, Impou	ndment □ Freshwater		□ Bottomland hardy	vood
			□ Other:	
SPECIFIC HABITAT: (Ob a al	g 11)			
SPECIFIC HABITAT: (Check as	applicable)			
□ Salt Marsh	□ Fresh Mars	.h	□ Sand Bar	
□ Wooded Swamp	□ Bog		□ Shrub Swamp	
□ Salt Flat	□ Rooftop		□ Dune	
□ Sandy Beach	☐ Gravel or S		 Mixed Trees 	
Deciduous Trees	□ Evergreen ⁻		 Mixed Forbs/Shru 	bs/Grass
□ Parking Lot		Dock, Breakwater	 Bottomland hardw 	
□ Man-Made Structure	□ Spoil/Fill Ar	ea	□ Other:	
IMPORTANT VEGETATION: (C	heck as applicable) - Not Limite	ed to Vegetation Supporting No.	ete	STEW- IA IN
(0	rook as applicable, 140t Elithic	so to vegetation supporting ive	SIS.	
 Baccharis 	□ Elm	 Prickly Pear 	OTHER	S: (Print)
□ Bald Cypress	□ Green Ash	□ Red Maple		5. ()
□ Black Mangrove	□ Hackberry	□ Tupelo		
□ Black Willow	□ Honey-locust	 Salt Cedar 		
□ Bulrush	□ Juniper	□ Salt Marsh Grass		
□ Buttonbush	□ Live Oak	□ Sea Ox-eye		
□ Cane □ Cattail	Nuttall Oak	□ Water Elm		
□ Cedar Elm	© Oak	□ Water Oak		
□ Cherrybark Oak	Osage OrangePecan	□ Wild Rose		
□ Chinaberry	□ Pecan □ Pine	□ Willow □ Willow Oak		
□ Chinese Tallow	□ Post Oak			
□ Cottonwood	o i ost Oak	Winged Elm		
GROUND SURFACE: (Check as	applicable)			
□ Sand	□ Shell		Cabble	
□ Rocks	□ Cliff		 □ Cobble □ Salt/Mud Flat 	
Soil /leaves		aceous/Wrack/Drift	□ Other:	

COUNTY: Tallatitatie		2	SIZE: 1.6	hectare
LATITUDE: 34°05'	LONGITUDE: 90°07'30"	OWNER: US	Fish and Wild!	ife Servi
NEAREST CITY/TOWN: _Crowder,	MS Black Bayon UNIT of			olony:
DISTANCE TO NEAREST ROUTINELY OC	CUPIED DWELLING WITHIN 1 km FROM	M COLONY No de	rellings within	USE N, S
DISTANCE TO NEAREST HIGHWAY, CAN	AL, AIRPORT, PARK, RAILROAD, ETC.			E, W NE, SE
HEIGHT OF LOWEST NESTS ABOVE NOR	MAL WATER LEVEL	meters		NW, SW
WOULD SOME NESTS BE FLOODED BY I	EXTREME HIGH WATER LEVELS EXPE	CTED AT THE COLONY?	Yes No	
GEN. DESCRIPTION: Nest-were in	willows of ob catfin	sh pords		
IS COLONY SPECIFICALLY MANAGED		2 es Dei	se i con	
OR PROTECTED FOR WATERBIRDS?:		<u> </u>		
•	No			
GENERAL HABITAT: (Check as applicable)	4	Sec		*
peninsula	barrier island	upland wooded		(4)
saltwater non-barrier island	_ freshwater island	bottomland hardwood		
shoreline/lake, pond, impoundment	_ shoreline/ocean, estuary _ other _ old ca+fight poid	¥I		
riparian/river, stream	_ outer _ other _ other			6
SPECIFIC HABITAT: (Check as applicable)				7)
8 7			man v	
salt marsh	fresh marsh	spoil/fill area ,		8
wooded swamp salt flat	bog rooftop .	≤ shrub swamp	¥ ×	EC 0.00
sandy beach	gravel or shell beach	dune		18
deciduous trees	evergreen trees	_ mixed trees	<u>s</u>	¥7
_ parking lot	_ pier, jetty, dock, breakwater	mixed forbs/shrubs/grass bottomland hardwood		
L man-made structure	other	— pottomiand nardwood		
\$ 1				
IMPORTANT VEGETATION (Check as A	pplicable) - Not Limited to vegetation suppor	_	OTHERS (-i-i-)	* 8
Baccharis	— Elm	Prickly Pear Red Maple	OTHERS (print in)	0.80
Bald Cypress Black Mangrove	Green Ash Hackberry	Tupelo		
∠ Black Willow	Honey-locust	Salt Cedar		_
Bulrush	Juniper	_ Salt March Grass		(a)
Buttonbush	_ Live Oak	Sea ox-eye Water Elm	Control to the control of the contro	a lace care care. I.C.
_ Cane Cattail	Nuttall Oak Oak	Water Eint Water Oak	and the second second second second second	
_ Cedar Elm	_ Osage Orange	_ Wild Rose		
_ Cherrybark Oak	Pecan	Willow	2 A	 :
Chinaberry	Pine	_ Willow Oak	F13 PX	
_ Chinese Tallow	_ Post Oak	_ Winged Elm	-	-
Cottonwood	*	2007 g - 0 - 200 - 10	F C 586 F	
GROUND SURFACE: (Check as Applicable	· · · · · · · · · · · · · · · · · · ·		33	6
		2.40		
		cobble	****	٠.
sand rocks	_ shell	cobble salt/mud flat	4	
sand rocks soil				•

		Mississinni C	olonial Waterbird Coun	d Form		
COLONY NAME:				r rotm	CENSUS PARTICIPAN	18
(Use other side to descr	ibe a new colony or update des	cription for a known c	olony) (check one)	į,		
COLONY CODE NO:_		SURVEY, INACTI			Please be as complete as	possible
SURVEY DATE: 6 2 mo. d	8 <u>97</u> ay year	SURVEY, ACTIVE	<u> </u>	1	particularly: 1. Review form guidelit	มเรดคว กา วดทักล สดเ
OBSERVER(S): Primary: Last name	ght, Gene and S	hadbon	#-*-*-1 # # #	Compiler 3	2. Fill in/check mark all section, side 1.	portinent spaces in
Address Rout	e 4 Box 201	H-H	*	Use Only	3. Always provide En.	Breed. Pairs data
Ox	on), MS 38	5	*_*_*-1	t-*-*-*	4. Give updated site des	cription data on sid
SURVEY VANTAGE _ POINT:	7	Phone H	236-2413	TIME: Sun	←	itary
	VIEW FROM ADJACENT	AREA BY VEHICLE	TOOT NO/TAOE	END	< for	mat
X 1 NEW COLONY	2 PREV. KNOWN COLO	DNY (COUNT + DES	CRIPTION, UPDATE	1 PRF	V. KNOWN COLONY	יי ואר טאו א
	Predominant Reprod. Stage (enter 1 code)		e (enter code)	No. Active Nests	No. Adults	Est. Breed.
Brown pelican	suge (smar 2 code)	1,1310	ADOLI			Paits
Dblcr. Component						
Anhinga						
Great Blue Heron						
Great Egret						
Snowy Egret						_
Little Blue Heron	1			3		
Tricolored Heron						
Reddish Egret				50		
Cattle Egret				50		
Blcr. Night-Heron				<u> </u>		
Ycr. Night-Heron				1		
White Ibis						
White-faced Ibis						
Roseste Spoonbill						
Laughing Gull						
Gull-billed Tern						
Caspian Tern						
Royal Tern						15
Sandwich Tern						
Forster's Tern						4
Least Tem						
Black Skimmer				22		
	1	1	1			
Eggs in Noses Unfledged Young	= 1 Recent Fledglings = 2 Post nesting = 3	= 4 = 5	Visual Estimate	= 1 Sampling = 2 = 0 = specify in com	ments	FT_

COLONY NAME: FIGURE (Use other side to describ	Waterbird Count Form at Lake be a new colony or update description for	or a known colony)	2 1 56	Please particul	arly:	ete as possible
COLONY CODE NO:		COLONY, INA	(Check one) CTIVE	1. Revie		delines prior to
SURVEY DATE: 06 - (1	- 03	COLONY, ACT	IVE V		/check mark in top sectio	all pertinent n. side 1:
OBSERVER(S) mo da Primary : W to Last	y year ds Rehecca L name, first, m.i.		Compiler Use Only	3. Alwa Pairs" d 4. Give	ys provide "E lata for active updated site	Est, Breed.
SURVEY VANTAGE POII STATUS: 1. New Cole	NT: Aerial On-Site Visit View from adjacent area			End 102 (Use Military	7 format)	
Species	Predominant Reproductive Stage (enter 1 code from box below)		у Туре	No. Active Nests	No.Adults	Est. Breed.Pairs
Brown Pelican	,	Heata (enter code	Dolowy Muulia			
Dbl -cr Cormorant						
Anhinga	3	1	2	9	10	9
Great Blue Heron	3~4*	 	2	10	5	10
Great Egret	3 - 4×		2	30	10	30
Snowy Egret						
Little Blue Heron						
Tricolored Heron						
Reddish Egret						
Cattle Egrel						
BI -cr. Night-Heron						
Y -cr. Night-Heron						
Green Heron	2	1	1		ı	1
White Ibis						
White-faced Ibis	Walls a large					
Roseate Spoonbill						
Laughing Gull						
Gull-billed Tern						
Caspian Tern						
Royal Tern						
Sandwich Tern						
Forsler's Tern			- 11			
Least Tern						
Black Skimmer						

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

comments: * birds Prinarily moving between nest + surrounding branches

COLONY SITE DESCRIPTION				Side 2
County: Tallahatchie	Size: <u>ust 0.5</u> H	Hectares Owner: E	Iliot La	
Latitude: # 33° 51' N	Longitude: 90°C	Owner A	ddress:	
Nearest City/Town:Leve+	† Distance	ce: <u>4.3</u> km.	Direction to Co	Plony: \underline{SW} $\underline{\underbrace{USE}}_{N,S}$
Distance to Nearest Routinely Occ	upied Dwelling within 1km fr	om Colony: None w/	in 1km	
Distance to Nearest Highway, Cana	al, Airport, Park, Raliroad, E	tc. within 1 km from Colony:		
Height of Lowest Nests Above Norr	mal Water Level:	Meters.		
Would Some Nests Be Flooded By	Extreme High Water Levels	Expected at the Colony?	YES c) NO
General Description: Down \	ake with tupelo	and Some cypress	growing	around
perimeter. Colony	on west side of	lake		
Is Colony Specifically Managed or f	Protected For Waterbirds?	□YES ≰NO		
GENERAL HABITAT: (Check as ap	oplicable)			
PeninsulaSaltwater Non-barrier IslandShoreline/Lake, Pond, Impound	□ Riparian/Ri □ Barrier Islai nent □ Freshwater	nd	□ Upland \ ≰ Bottomla	e/Ocean, Estuary Wooded and hardwood
SPECIFIC HABITAT: (Check as ap	plicable)		_	
 Salt Marsh Wooded Swamp Salt Flat Sandy Beach Deciduous Trees Parking Lot Man-Made Structure 	□ Fresh Marsi □ Bog □ Rooftop □ Gravel or Si □ Evergreen 1 □ Pier, Jetty, I	hell Beach Frees Dock, Breakwater	Sand Ba Shrub Si Dune Mixed Tr Mixed Fo Mixed Fo Mother: Other:	wamp
IMPORTANT VEGETATION: (Chec	k as applicable) - Not Limite	ed to Vegetation Supporting Nes	sts.	
 □ Baccharis ⋈ Bald Cypress □ Black Mangrove □ Black Willow □ Bulrush □ Buttonbush □ Cane □ Cattail 	□ Elm □ Green Ash □ Hackberry □ Honey-locust □ Juniper □ Live Oak □ Nuttall Oak □ Oak	□ Prickly Pear □ Red Maple ☑ Tupelo □ Salt Cedar □ Salt Marsh Grass □ Sea Ox-eye □ Water Elm □ Water Oak		OTHERS: (Print)
□ Cedar Elm□ Cherrybark Oak□ Chinaberry□ Chinese Tallow	Osage OrangePecanPinePost Oak	□ Water Oak □ Wild Rose □ Willow □ Willow Oak □ Winged Elm		· · · · · · · · · · · · · · · · · · ·
CROUND SUBSACS (OL)				
GROUND SURFACE: (Check as ap	•			
□ Sand □ Rocks □ Soil	ShellCliffDead Herba	ceous/Wrack/Drift	□ Cobble □ Salt/Mud F ☑ Other <u>ω</u>	

Mississippi Colon	ial Waterbird Count Form					Side 1
COLONY NAME:	•	a known colony)		Please particula	arly :	ete as possible
COLONY CODE NO:		COLONY, INAC	(Check one)	1. Revie census.	ew form guid	lelines prior to
SURVEY DATE: 06.		COLONY, ACTIV	/E	spaces	in top section	all pertinent n, side 1
OBSERVER(S) Work	day year ds Rebecca L. ast name, first, m.i.		Compiler Use Only	3. Alway Pairs" d 4. Give	s provide "E ata for active	st. Breed. colonies description data
COOPERATORS:	Karl Juchheim			<u> </u>		
STATUS	Aerial On-Site Visit View from adjacent area by	y vehicle/Boat/On Foo	Time t	E: Start End (Use Military	-	
1. New	Colony 2. Prev. Known Colony (Count	+ Description Update) 🗆 3. Prev. Kr	nown Colony (Cour	it Only)	
Species	Predominant Reproductive Stage (enter 1 code from box below)	Survey Nests (enter code b	· · · · · · · · · · · · · · · · · · ·	No. Active Nests	No.Adults	Est, Breed.Pairs
Brown Pelican						
Dbl_cr Cormorant						
Anhinga						
Great Blue Heron						
Great Egret						
Snowy Egret						
Lille Blue Heron						
Tricolored Heron						
Reddish Egret						
Cattle Egret						
BI -cr. Night-Heron						
Y -cr. Night-Heron						
Green Heron						
White Ibis						
White-faced Ibis						
Roseate Spoonbill						
Laughing Gull						
Gull-billed Tern	18			19		
Caspian Tern						
Royal Tern						
Sandwich Tern						
Forsler's Tern						
Least Tern						
Black Skimmer						
Reprod. Stage Codes Unfledged Young =3	:: Prenesting =1; Eggs in Nest =2; Recent Fledglings =4; Post Nesting =5			ode: Total Count = 1 mpling =3, Other =0		

Comments: This c ments: This adony has a heron/eyest nests but no birds have been on site at least 2 years but successful nestry has Would like to monitor next year earlier in season.

			ir t	Side 2
County: Tallahatchie	Size: est. 0.2	Hectares Owner: _	Max Juchheim	
Latitude: 33° 51'N			a:20 1 C	0.
Latitude: 30 31 N	Longitude: 90 0	5'W Owner	Address: 139 Ave. of	Pines, Grea
Nooroot City/Tayya A. I.	l r			
Nearest City/Town: LQJ	evett Distar	nce: 5, 4 km,	Direction to Colony:	USE.
Distance to Nearest Routing	ely Occupied Dwelling within 1km (from Colony: 0.9	b	N, S E, W
Sistemed to Hodrest Hodime	ny Occupied Owening within TKIII I	rom Colony:	<u> </u>	NE. SE NW, SW
Distance to Nearest Highwa	y, Canal, Airport, Park, Raliroad, E	Etc. within 1 km from Colony:		
	ve Normal Water Level:			
Would Some Nests Be Floor	ded By Extreme High Water Level	s Expected at the Colony?	□ YES 🎓 NO	
0 10 10				
General Description:				
				==
Is Colony Specifically Manag	ged or Protected For Waterbirds?	□YES 🖈 NO		
GENERAL HABITAT: (Chec	k as applicable)			
□ Peninsula	□ Riparjan/R	liver, Stream	☐ Shoreline/Ocean, Es	stuany
Saltwater Non-barrier Isla	nd 🗆 Barrier Isla	and	□ Upland Wooded	stuary
Shoreline/Lake, Pond, Imp (boxver pond)	ooundment Freshwate	r Island	 Bottomland hardwood 	od
SPECIEIC HABITAT: (Charl			Other:	
SPECIFIC HABITAT: (Check	(as applicable)			
☐ Salt Marsh Wooded Swamp	☐ Fresh Mars	sh	□ Sand Bar	
Salt Flat	□ Bog □ Rooftop		□ Shrub Swamp	
□ Sandy Beach	□ Gravel or S	Shell Boach	□ Dune	
₱ Deciduous Trees	□ Evergreen		□ Mixed Trees	10
Parking Lot		Dock, Breakwater	Mixed Forbs/Shrubs/Bottomland hardwoo	Grass
→ Man-Made Structure	□ Spoil/Fill A		□ Other:	u
IMPORTANT VEGETATION	(Check as applicable) - Not Limit	ed to Vegetation Supporting Ne	ests.	13 5
□ Baccharis	□ Elm	□ Prickly Pear	OTHERS.	(D.: .1)
Bald Cypress	□ Green Ash	□ Red Maple	OTHERS: (Print)
☐ Black Mangrove	□ Hackberry	A Tupelo		
☐ Black Willow	□ Honey-locust	□ Salt Cedar	-	
□ Bulrush	□ Juniper	□ Salt Marsh Grass		
∠ Buttonbush	□ Live Oak	□ Sea Ox-eye	7- 31 III-	
□ Cane	□ Nuttall Oak	□ Water Elm		
□ Cattail	Oak	□ Water Oak	-	
□ Cedar Elm	 Osage Orange 	Wild Rose		4
☐ Cherrybark Oak	Pecan	□ Willow	-	
□ Chinaberry	□ Pine	Willow Oak		
☐ Chinese Tallow ☐ Cottonwood	□ Post Oak	□ Winged Elm		
GROUND SURFACE: (Check	s as applicable)		N-	
Sand				
Rocks	□ Shell □ Cliff		Cobble	
Soil Soil		aceous/Wrack/Drift	□ Salt/Mud Flat A Other: White	
			The second secon	

Mississippi Colo	nial Waterbird Count Form					Side 1
	Gillon Tract escribe a new colony or update description for	or a known colony)		CENS Please particu	be as comp	PANTS lete as possible
COLONY CODE NO	GOELLA		(Check one) NACTIVE	1. Revi	ew form gui	delines prior to
SURVEY DATE: 00	08 05		CTIVE	2. Fill i	n/check marl	k all pertinent
OBSERVER(S): Primary:	Last name, first, m.i.		Compiler Use Only	3. Alwa data fo 4. Give	r active color updated site	Est. Breed. Pairs"
COOPERATORS: _	Hal Mitchell			-		
_	Tabotha Beach	//		.		
STATUS	POINT:Aerial On-Site Visit View from adjacent area I		,	End <u>09</u> (Use Military	format)	
	v Colony	nt + Description Upo	late) 23. Prev. I	Known Colony (Cou	nt Only)	
Species	Predominant Reproductive Stage (enter 1 code from box below)	Sur Nests (enter cod	vey Type de below) Adults	No. Active Nests	No.Adults	Est. Breed.Pairs
Brown Pelican						
Dblcr. Cormorant						
Anhinga						
Great Blue Heron	4			12	5†	17
Great Egret						
Snowy Egret						
Little Blue Heron						
Tricolored Heron						
Reddish Egret						
Cattle Egret						
Blcr. Night-Heron						
Ycr. Night-Heron	1.8					
Green Heron						
White Ibis						
White-faced Ibis						
Roseate Spoonbill						
Laughing Gull						
Gull-billed Tern						
Caspian Tern						
Royal Tern						
Sandwich Tern						
Forster's Tem						
Least Tern						
Black Skimmer						
Reprod. Stage Codes Unfledged Young =3;	Prenesting =1; Eggs in Nest =2; Recent Fledglings =4; Post Nesting =5	•	Survey Type Co Estimate =2; Sar	ode: Total Count = 1; npling =3; Other =0 =	Visual specify in	

Comments:

COLONY SITE DESCRIPTION				Side 2
County:	Size:H	ectares Owner:	-	
Latitude:	Longitude:	Owne	er Address:	
Nearest City/Town:	Distanc	e:km	. Direction to Colony:	USE: N, S
Distance to Nearest Routinely Oc	cupied Dwelling within 1km fro	om Colony:		E, W NE, SE NW, SW
Distance to Nearest Highway, Car	nal, Airport, Park, Raliroad, Et	c. within 1 km from Colony:		
Height of Lowest Nests Above No	rmal Water Level:	Meters.		
Would Some Nests Be Flooded B	y Extreme High Water Levels	Expected at the Colony?	□ YES □ NO	
General Description:				
Is Colony Specifically Managed o	r Protected For Waterbirds?	□YES □NO		
GENERAL HABITAT: (Check as				
□ Peninsula□ Saltwater Non-barrier Island□ Shoreline/Lake, Pond, Impoun	□ Riparian/R □ Barrier Isla dment □ Freshwate	ind	□ Shoreline/Ocean, Es□ Upland Wooded□ Bottomland hardwoo□ Other:	d
SPECIFIC HABITAT: (Check as	applicable)			
 □ Salt Marsh □ Wooded Swamp □ Salt Flat □ Sandy Beach □ Deciduous Trees □ Parking Lot □ Man-Made Structure 	□ Fresh Mars □ Bog □ Rooftop □ Gravel or S □ Evergreen □ Pier, Jetty, □ Spoil/Fill A	Shell Beach Trees Dock, Breakwater	□ Sand Bar □ Shrub Swamp □ Dune □ Mixed Trees □ Mixed Forbs/Shrubs/ □ Bottomland hardwoo	d
IMPORTANT VEGETATION: (Ch	neck as applicable) - Not Limit	ted to Vegetation Supporting	g 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 G □ Sea Ox-eye □ Water Elm □ Water Oak □ Wild Rose □ Willow □ Willow Oak □ Winged Elm	rass	(Print)
GROUND SURFACE: (Check as	applicable)			
□ Sand □ Rocks □ Soil	□ Shell □ Cliff □ Dead Heri	baceous/Wrack/Drift	□ Cobble □ Salt/Mud Flat □ Other:	

□ Dead Herbaceous/Wrack/Drift

□ Soil