

POTENTIAL IMPACTS ON AVIFAUNA BY
THE BLIND RIVER MARATHON GASOLINE RELEASE

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The Louisiana Breeding Bird Atlas project used volunteer and paid observers to survey the state, collecting information on species breeding within the state. Observers were assigned one or more U.S. Geological Survey topographic quadrangle maps to conduct their surveys. The project design provided for surveys on every-other quad in the state. Surveys were conducted from approximately March - July, during 1994, 1995 and 1996. The area impacted by the Marathon gasoline release was on the Lutcher quadrangle map, one of the quads not surveyed. I reviewed the breeding bird atlas data for the four quads adjacent to the Lutcher quad; Convent, Lower Vacherie, Mount Airy NW and Reserve, and developed the lists below.

SPECIES OCCURRING ON 4 OF 4 ADJACENT QUADS
VERY HIGH PROBABILITY OF OCCURRENCE ON SITE

SPECIES	R.A. ¹	X 0.13 ²
ANHINGA	0.61	0.08
BLACK-CROWNED NIGHT-HERON	0.44	0.06
YELLOW-CROWNED NIGHT-HERON	4.53	0.59
GREEN HERON	2.78	0.36
TRICOLORED HERON	5.65	0.73
LITTLE BLUE HERON	17.87	2.32
SNOWY EGRET	12.65	1.64
GREAT EGRET	21.28	2.77
GREAT BLUE HERON	2.32	0.30
WHITE IBIS	12.34	1.60
WOOD DUCK	1.18	0.15
KILLDEER	5.30	0.69
MISSISSIPPI KITE	1.60	0.21
RED-SHOULDERED HAWK	1.75	0.23
MOURNING DOVE	16.57	2.15
YELLOW-BILLED CUCKOO	9.09	1.18
BARRED OWL	0.69	0.09
CHIMNEY SWIFT	9.93	1.29
RUBY-THROATED HUMMINGBIRD	0.66	0.09
RED-BELLIED WOODPECKER	9.14	1.19
DOWNY WOODPECKER	3.45	0.45
HAIRY WOODPECKER	0.35	0.05
PILEATED WOODPECKER	2.07	0.27
PURPLE MARTIN	27.87	3.62
BARN SWALLOW	9.08	1.18
BLUE JAY	21.58	2.81
AMERICAN CROW	30.52	3.97
TUFTED TITMOUSE	8.90	1.16
CAROLINA CHICKADEE	11.42	1.48

CAROLINA WREN	23.54	3.06
NORTHERN MOCKINGBIRD	37.32	4.85
BROWN THRASHER	2.68	0.35
EUROPEAN STARLING	24.67	3.21
WHITE-EYED VIREO	14.90	1.94
PROTHONOTARY WARBLER	5.72	0.74
NORTHERN PARULA	2.82	0.37
COMMON YELLOWTHROAT	9.00	1.17
YELLOW-BREASTED CHAT	13.84	1.80
NORTHERN CARDINAL	59.50	7.74
INDIGO BUNTING	10.62	1.38
RUFIOUS-SIDED TOWHEE	5.02	0.65
RED-WINGED BLACKBIRD	90.96	11.82
COMMON GRACKLE	52.81	6.87

SPECIES OCCURRING ON 3 OF 4 ADJACENT QUADS
HIGH TO MEDIUM PROBABILITY OF OCCURRING ON SITE

SPECIES	R.A.	X 0.13
CATTLE EGRET	57.43	7.47
MOTTLED DUCK	5.33	0.69
BLACK VULTURE	2.01	0.26
EASTERN SCREECH-OWL	0.06	0.01
EASTERN KINGBIRD	5.96	0.77
GREAT CRESTED FLYCATCHER	3.53	0.46
FISH CROW	4.44	0.58
BLUE-GRAY GNATCATCHER	3.77	0.49
WOOD THRUSH	4.21	0.55
LOGGERHEAD SHRIKE	5.28	0.69
RED-EYED VIREO	4.77	0.62
YELLOW-THROATED WARBLER	0.21	0.03
PAINTED BUNTING	4.90	0.64
EASTERN MEADOWLARK	25.31	3.29
BROWN-HEADED COWBIRD	14.44	1.88
ORCHARD ORIOLE	11.00	1.43
HOUSE SPARROW	30.23	3.93

SPECIES OCCURRING ON 2 OF 4 ADJACENT QUADS
MEDIUM TO LOW PROBABILITY OF OCCURRENCE ON SITE

SPECIES	R.A.	X 0.13
AMERICAN COOT	NO R.A. INFO FOR LA	
BLACK-NECKED STILT	3.74	0.49
LEAST TERN	1.60	0.21
TURKEY VULTURE	1.78	0.23
RED-TAILED HAWK	0.15	0.02
EURASIAN COLLARED DOVE	NO R.A. INFO FOR LA	
COMMON NIGHTHAWK	1.72	0.22
NORTHERN ROUGH-WINGED SWALLOW	0.52	0.07
EASTERN BLUEBIRD	3.45	0.45

KENTUCKY WARBLER	2.20	0.29
HOODED WARBLER	4.21	0.55
SWAINSON'S WARBLER	0.35	0.05
BLUE GROSBEAK	1.64	0.21
BRONZED COWBIRD	NO R.A. INFO FOR LA	
BOAT-TAILED GRACKLE	45.53	5.92
SUMMER TANAGER	4.71	0.61

SPECIES OCCURRING ON 1 OF 4 ADJACENT QUADS
VERY LOW PROBABILITY OF OCCURRENCE ON SITE

SPECIES	R.A.	X 0.13
PIED-BILLED GREBE	0.38	0.05
DOUBLE-CRESTED CORMORANT	0.63	0.08
BLUE-WINGED TEAL	NO R.A. INFO FOR LA	
COMMON MOORHEN	5.38	0.70
COOPER'S HAWK	NO R.A. INFO FOR LA	
BROAD-WINGED HAWK	0.21	0.03
NORTHERN BOBWHITE	12.19	1.58
BELTED KINGFISHER	0.14	0.02
ACADIAN FLYCATCHER	2.37	0.31
AMERICAN ROBIN	1.05	0.14
GRAY CATBIRD	0.09	0.01
YELLOW-THROATED VIREO	1.13	0.15
NORTHERN (BALTIMORE) ORIOLE	0.48	0.06

¹R.A. = Relative Abundance. Derived from 1966 - 1996 Breeding Bird Survey Estimates (see attached data)

²Product of R.A. multiplied by 0.13, the figure derived by C.K. Associated, Inc., to adjust Breeding Bird Survey relative abundance values for the area impacted by the Marathon spill

1966 - 1996 BBS Trend Estimates

	AOU #	Species	Locale	Trend (%/yr)	P-value	N	Variance	% Inc.	% dec.	Sig.	Rel. Abun.
58	60	Pied-billed Grebe	LA	-27.631	0.4267	2	479.7789	0.000	1.000		0.38
301	1200	Double-crest. Cormorant	LA	15.018	0.0693	4	29.3022	0.750	0.000		0.63
371	1210	Olivaceous Cormorant	LA	-2.238	0.9543	4	1291.6921	0.750	0.250		6.74
396	1180	Anhinga	LA	-5.659	0.4846	12	60.2577	0.333	0.667		0.61
490	1910	Least Bittern	LA	3.480	0.5958	5	36.5667	0.400	0.400		1.73
528	1940	Great Blue Heron	LA	2.718	0.2093	43	4.5341	0.628	0.349	**	2.32
651	1960	Great Egret	LA	9.636	0.0003	42	5.9417	0.714	0.286	***	21.28
714	1970	Snowy Egret	LA	97.137	0.3361	25	9756.1846	0.680	0.320	*	12.65
763	2000	Little Blue Heron	LA	0.371	0.8763	44	5.5986	0.455	0.545		17.87
800	1990	Tricolored Heron	LA	19.050	0.1450	21	157.0620	0.714	0.286	**	5.65
836	2001	Cattle Egret	LA	5.099	0.0438	50	6.0495	0.560	0.420		57.43
890	2010	Green Heron	LA	1.407	0.2433	47	1.4148	0.553	0.404		2.78
982	2020	Black-cm. Night Heron	LA	48.772	0.0088	12	225.5293	0.917	0.000		0.44
1059	2030	Yellow-cm. Night Heron	LA	6.402	0.3444	33	44.3700	0.455	0.545		4.53
1090	1840	White Ibis	LA	31.990	0.0121	23	133.1804	0.696	0.304	**	12.34
1124	1870	White-faced Ibis	LA	27.070	0.2973	9	589.6773	0.444	0.556		31.14
1145	1830	Roseate Spoonbill	LA	21.802	0.1823	5	182.9460	0.600	0.200	*	1.52
1168	1780	Fulvous Whistling Duck	LA	-5.603	0.4652	4	45.0832	0.500	0.500		7.66
1340	1440	Wood Duck	LA	12.502	0.0333	23	29.9160	0.696	0.261	***	1.18
1526	1340	Mottled Duck	LA	8.157	0.2775	10	49.0180	0.600	0.300		5.33
2315	3260	Black Vulture	LA	-0.194	0.9456	34	7.9397	0.441	0.500		2.01
2368	3250	Turkey Vulture	LA	3.134	0.5208	34	23.2714	0.412	0.588		1.78
2534	3270	Swallow-tailed Kite	LA	12.197	0.7025	2	584.0938	0.500	0.500		0.15
2568	3290	Mississippi Kite	LA	8.264	0.0106	20	8.2841	0.650	0.350		1.60
2908	3390	Red-shouldered Hawk	LA	2.296	0.2691	42	4.1908	0.548	0.381	*	1.75
2982	3430	Broad-winged Hawk	LA	5.256	0.1808	19	14.0217	0.526	0.421		0.21
3134	3370	Red-tailed Hawk	LA	10.674	0.0045	20	10.4251	0.600	0.350		0.15
3358	3600	American Kestrel	LA	28.128	0.0141	7	58.0080	0.714	0.286		0.07
3848	3100	Wild Turkey	LA	-3.756	0.8058	3	142.2690	0.333	0.667		0.08
3944	2890	Northern Bobwhite	LA	-4.739	0.0000	43	0.3253	0.256	0.721	***	12.19
4104	2110	Clapper Rail	LA	2.857	0.9119	5	588.3379	0.600	0.400		0.98
4126	2080	King Rail	LA	-2.683	0.8315	8	147.6828	0.500	0.500		3.46
4233	2180	Purple Gallinule	LA	-22.302	0.1382	6	159.9888	0.333	0.667		0.55
4246	2190	Common Moorhen	LA	9.124	0.3766	9	93.3933	0.333	0.667		5.38
4430	2730	Killdeer	LA	-0.518	0.8305	50	5.7929	0.440	0.520		5.30
4581	2260	Black-necked Stilt	LA	12.582	0.2956	9	123.9503	0.667	0.333		3.74
4689	2580	Willet	LA	-1.456	0.4004	5	2.3982	0.400	0.600		6.10
5099	580	Laughing Gull	LA	42.940	0.1257	9	610.1587	0.667	0.333		7.15
5455	700	Common Tern	LA	-8.930	0.8457	2	1304.613	0.500	0.500		0.12
5503	690	Forster's Tern	LA	24.570	0.5720	7	1653.468	0.571	0.429		1.96
5552	740	Least Tern	LA	-38.920	0.2253	6	738.4065	0.333	0.667		1.60
5620	800	Black Skimmer	LA	27.487	0.7788	2	5758.377	0.500	0.500		0.56
5693	3131	Rock Dove	LA	4.886	0.3991	33	32.5916	0.515	0.455		2.76
5888	3160	Mourning Dove	LA	0.853	0.3765	53	0.9139	0.623	0.340	***	16.57
6148	3870	Yellow-billed Cuckoo	LA	-0.445	0.7681	53	2.2521	0.415	0.566		9.09
6232	3850	Greater Roadrunner	LA	-11.189	0.5022	5	216.3653	0.600	0.400		0.12
6292	3730	Eastern Screech-owl	LA	-0.304	0.9912	3	480.0245	0.333	0.667		0.06
6352	3750	Great Horned Owl	LA	-13.504	0.4387	6	198.2768	0.333	0.500		0.02
6537	3680	Barred Owl	LA	3.986	0.2068	23	9.2991	0.478	0.478		0.69
6669	4200	Common Nighthawk	LA	0.913	0.8473	30	22.0216	0.333	0.667	*	1.72
6823	4160	Chuck-will's-widow	LA	-1.248	0.6392	15	6.7310	0.533	0.467		0.75
6952	4230	Chimney Swift	LA	1.678	0.1898	52	1.5907	0.481	0.519		9.93
7111	4280	Ruby-thr. Hummingbird	LA	0.730	0.8890	34	26.9109	0.294	0.676	**	0.66
7327	3900	Belted Kingfisher	LA	17.887	0.1587	18	144.3171	0.500	0.444		0.14
7472	4060	Red-headed Woodpecker	LA	-4.934	0.0652	33	6.6249	0.394	0.606		1.50
7588	4090	Red-bellied Woodpecker	LA	1.263	0.1574	51	0.7733	0.451	0.549		9.14
7816	3940	Downy Woodpecker	LA	3.225	0.0698	45	3.0004	0.511	0.489		3.45
7944	3930	Hairy Woodpecker	LA	3.695	0.3337	25	13.9423	0.720	0.240	***	0.35
8061	3950	Red-cockaded Woodpeck	LA	2.438	0.4337	3	3.9058	0.333	0.667		0.09

1966 - 1996 BBS Trend Estimates

	AOU #	Species	Locale	Trend (%/yr)	P-value	N	Variance	% Inc.	% dec.	Sig.	Rel. Abun.
8192	4120	Yellow-shafted Flicker	LA	-1.885	0.5353	34	9.0367	0.294	0.647	**	0.79
8301	4050	Pileated Woodpecker	LA	0.003	0.9991	39	4.9251	0.590	0.385		2.07
8523	4610	Eastern Wood-pewee	LA	-2.319	0.1998	32	3.1236	0.375	0.594		3.20
8638	4650	Acadian Flycatcher	LA	2.786	0.1904	35	4.3315	0.600	0.371		2.37
9106	4560	Eastern Phoebe	LA	18.350	0.4725	3	436.6581	0.333	0.667		0.17
9311	4520	Grt. Crested Flycatcher	LA	0.188	0.9264	44	4.1029	0.591	0.409		3.53
9537	4440	Eastern Kingbird	LA	-3.528	0.0382	49	2.7301	0.367	0.571		5.96
9650	4430	Scissor-tail Flycatcher	LA	-14.064	0.2515	11	129.4861	0.000	0.909		0.50
9691	4740	Horned Lark	LA	8.784	0.0759	6	15.4761	1.000	0.000		1.50
9810	6110	Purple Martin	LA	0.403	0.8163	54	2.9722	0.426	0.537		27.87
10070	6170	N. Rough-winged Swallow	LA	3.249	0.6683	20	55.4080	0.500	0.450		0.52
10290	6120	Cliff Swallow	LA	107.305	0.3254	2	3620.6326	1.000	0.000		0.57
10427	6130	Barn Swallow	LA	9.550	0.0000	47	1.8647	0.830	0.149	***	9.08
10640	4770	Blue Jay	LA	-0.887	0.2952	53	0.7021	0.509	0.491		21.58
10908	4880	American Crow	LA	2.250	0.0000	50	0.2402	0.660	0.340	**	30.52
11040	4900	Fish Crow	LA	2.444	0.5183	43	14.0636	0.465	0.488		4.44
11292	7360	Carolina Chickadee	LA	-3.244	0.0000	48	0.5028	0.375	0.604		11.42
11477	7310	Tufted Titmouse	LA	-0.092	0.9574	47	2.9364	0.404	0.574		8.90
11810	7290	Brown-headed Nuthatch	LA	0.538	0.8215	23	5.5344	0.391	0.609		2.15
12011	7180	Carolina Wren	LA	1.146	0.0363	51	0.2827	0.529	0.451		23.54
12356	7250	Marsh Wren	LA	24.487	0.2364	3	214.3373	0.667	0.333		2.94
12585	7510	Blue-gray Gnatcatcher	LA	-4.065	0.0149	34	2.4843	0.441	0.559		3.77
12693	7660	Eastern Bluebird	LA	6.122	0.0001	30	1.6456	0.733	0.267	***	3.45
13125	7550	Wood Thrush	LA	2.356	0.2135	35	3.4408	0.629	0.371		4.21
13204	7610	American Robin	LA	-2.497	0.2672	22	4.7717	0.409	0.545		1.05
13369	7040	Gray Catbird	LA	0.404	0.9716	10	119.5466	0.400	0.600		0.09
13476	7030	Northern Mockingbird	LA	-0.059	0.8926	52	0.1886	0.442	0.519		37.32
13606	7050	Brown Thrasher	LA	2.858	0.2586	41	6.2041	0.512	0.463		2.68
13921	6220	Loggerhead Shrike	LA	-0.484	0.5577	44	0.6710	0.455	0.500		5.28
14017	4930	European Starling	LA	1.096	0.7028	50	8.1494	0.420	0.580		24.67
14146	6310	White-eyed Vireo	LA	-0.695	0.3764	47	0.6049	0.447	0.553		14.90
14350	6280	Yellow-throated Vireo	LA	3.785	0.0869	32	4.5501	0.656	0.312	**	1.13
14580	6240	Red-eyed Vireo	LA	-1.293	0.4650	41	3.0649	0.366	0.634	*	4.77
14929	6480	Northern Parula	LA	-3.278	0.2179	34	6.7840	0.294	0.706	***	2.82
15522	6630	Yellow-throated Warbler	LA	17.330	0.0342	11	46.1808	0.545	0.455		0.21
15575	6710	Pine Warbler	LA	0.707	0.6245	27	2.0329	0.481	0.519		8.57
15641	6730	Prairie Warbler	LA	-9.803	0.0788	19	27.2666	0.421	0.526		0.86
15799	6360	Black-&-white Warbler	LA	7.182	0.3609	14	56.7429	0.714	0.214	***	0.56
15881	6870	American Redstart	LA	4.539	0.1597	8	7.5640	0.375	0.500		0.89
15969	6370	Prothonotary Warbler	LA	-1.249	0.4870	39	3.1584	0.436	0.564		5.72
16012	6390	Worm-eating Warbler	LA	9.564	0.0046	6	1.5646	0.500	0.167	***	0.09
16052	6380	Swainson's Warbler	LA	-4.995	0.3748	12	28.6133	0.250	0.500		0.35
16215	6760	Louisiana Waterthrush	LA	3.026	0.4643	4	13.0882	0.750	0.250		0.09
16269	6770	Kentucky Warbler	LA	0.227	0.8883	31	2.5602	0.581	0.419		2.20
16420	6810	Common Yellowthroat	LA	-0.147	0.9033	53	1.4427	0.472	0.528		9.00
16544	6840	Hooded Warbler	LA	3.053	0.0415	34	2.0607	0.588	0.353	*	4.21
16701	6830	Yellow-breasted Chat	LA	1.479	0.2535	46	1.6318	0.696	0.304	***	13.84
16803	6100	Summer Tanager	LA	1.165	0.2911	42	1.1837	0.310	0.643	**	4.71
16978	5930	Northern Cardinal	LA	-0.075	0.9299	53	0.7125	0.585	0.396		59.50
17204	5970	Blue Grosbeak	LA	5.630	0.0007	35	2.2380	0.600	0.343	**	1.64
17333	5980	Indigo Bunting	LA	0.414	0.6851	45	1.0265	0.489	0.511		10.62
17424	6010	Painted Bunting	LA	-5.853	0.0088	43	4.5091	0.395	0.558		4.90
17461	6040	Dickcissel	LA	-3.334	0.2749	22	8.7636	0.318	0.682	*	3.84
17564	5870	Eastern Towhee	LA	4.410	0.0677	36	5.4400	0.556	0.444		5.02
17727	5750	Bachman's Sparrow	LA	-0.023	0.9957	15	18.1765	0.333	0.667		0.89
17824	5600	Chipping Sparrow	LA	-0.420	0.9114	19	13.8207	0.263	0.737	**	1.47
18016	5630	Field Sparrow	LA	2.139	0.1679	8	1.7613	0.500	0.500		0.44
18210	5520	Lark Sparrow	LA	0.751	0.7886	5	6.5682	0.600	0.400		0.22
18671	5500	Seaside Sparrow	LA	-4.248	0.9649	2	5928.9062	0.500	0.500		0.16

1966 - 1996 BBS Trend Estimates

	AOU #	Species	Locale	Trend (%/yr)	P-value	N	Variance	% Inc.	% dec.	Sig.	Rel. Abun.
19270	4980	Red-winged Blackbird	LA	-2.598	0.1073	53	2.5084	0.377	0.623	*	90.96
19413	5010	Eastern Meadowlark	LA	-4.942	0.0005	51	1.7627	0.314	0.647	**	25.31
19736	5139	Great-tailed Grackle	LA	62.532	0.3917	6	4452.8164	0.667	0.333		1.04
19773	5130	Boat-tailed Grackle	LA	6.930	0.1473	13	19.7629	0.538	0.462		45.53
19805	5110	Common Grackle	LA	-4.090	0.0404	52	3.7701	0.462	0.538		52.81
19931	4950	Brown-headed Cowbird	LA	-2.883	0.0016	53	0.7412	0.377	0.604		14.44
20061	5060	Orchard Oriole	LA	-2.340	0.1192	53	2.1771	0.340	0.642	**	11.00
20234	5070	Baltimore Oriole	LA	-2.036	0.6877	21	24.7891	0.429	0.571		0.48
20958	6882	House Sparrow	LA	-6.871	0.0000	48	1.5232	0.312	0.688	***	30.23

LOUISIANA BREEDING BIRD ATLAS



Name * Ronald J. Stein

7 1/2 min. Quad Name Convent 187-D Region 7 Year 1996

Visit	Date Surveyed		Party Hours
	Day	Month	
1	13	APRIL	6
2	20	"	6
3	4	MAY	6
4	11	"	6
5	18	"	4.5
6	27	"	3
7	1	JUNE	2.5
8	5	"	3
9	15	"	2
10	7	July	3
Total Party Hours:			42

READ INSTRUCTIONS
IN HANDBOOK
BEFORE FILLING
OUT DATA SHEET

Return form to:
Breeding Bird Atlas
Dept. Wildlife & Fisheries
Natural Heritage Program
P. O. Box 98000
Baton Rouge, LA 70898

* Assisted by Tom Sylvest, John Sylvest,
Josh Sylvest, David L. Hoste & Marti Guidry

Breeding Codes (For more information see handbook.)

Observed column (OB)		Probable column (PR)		Confirmed column (CO)	
O	Seen but not breeding	S	Safe Date	DD	Distraction display
		M	7 or more singing males	PE	Physiological Evidence
		P	Pair	NB	Nest building (all others)
		T	Territory defense	NU	Used nest
		C	Courtship	NO	Occupied nest
Possible column (PO)		V	Visiting potential nest site	NE	Nest with egg(s)
/	Observed in suitable hab.	A	Agitated Behavior	NY	Nest with young
X	Singing male	N	Nest building (wren, wp.)	AY	Attending young
Cowbird eggs or young indicate breeding by both cowbird & host!		FL	Fledglings		

Abundance Codes (column AB; optional)

A 1-2 B 3-30 C >30

Vegetation Data (For more information see handbook.)

Choose an acre (about 200 ft X 200ft.). MARK IT ON THE SATELLITE MAP!

Avg. TRUNK SIZE of 5 largest trees: B= >18 in.; M= 8-18 in.; S= <8 in.

DENSITY: Canopy is treetops; mid-story is shrub-tops; density may be L=light; M=medium; H=high.

DOMINANT CANOPY PLANT: dominant means common and large; use English name or genus.

HABITAT

F	Forest.
S	Swamp is wetland dominated by trees.
T	Thicket is woodland with trees no more than 30-40 ft tall; incl. pine plantation or canebrake.
C	Clearcut.
M	Marsh is wetland dominated by reeds, sedges, and other herbs.
G	Grassland includes pasture and prairie.
O	Orchard. Only orchards with large trees are suitable.

HABITAT CODES (Optional)

See Key to Plant Formations on the back of this sheet. Use the key to determine the 4-digit code (for example, "1A9b") for the habitat. Also see the Handbook page 14 for more information and examples.

Density

Site	Trunk Size	Density			Dominant Canopy Plant	Habitat	Habitat Code
		Herb Layer	Mid-Story	Canopy			
1							
2							
3							
4							
5							
6							
7							
8							

All nests require a Nest Record Card. Confirmed breeding by species not on the list requires confirmation by the Regional Coordinator!

SPECIES LIST

Species	OB	PO	PR	CO	AB
Pied-billed Grebe					
Brown Pelican *					
Anhinga		/			B
Neotropic Cormorant *		/			B
Double-cr. Cormorant		/			B
Least Bittern					
Black-cr. Night-Heron		/			B
Yellow-cr. Night-Heron		/			C
Green Heron				NE	C
Tricolored Heron		/			C
Little Blue Heron		/			C
Reddish Egret *					
Cattle Egret		/			C
Snowy Egret		/			C
Great Egret		/			C
Great Blue Heron		/			B
Glossy Ibis *					
White-faced Ibis		/			C
White Ibis		/			C
Roseate Spoonbill *					
Mallard *					
Mottled Duck				AY	B
Blue-winged Teal		/			A
Fulvous Whistling Duck					
Wood Duck				AY	C
Hooded Merganser *					
King Rail *					
Clapper Rail *					
Purple Gallinule					
Common Moorhen					
American Coot		/			B
Amer. Oystercatcher *					
Black-necked Stilt				NO	B
Wilson's Plover *					
Killdeer				AY	C
Willet					
American Woodcock					
Laughing Gull	Q				B
Forster's Tern	O				B
Gull-billed Tern *					
Least Tern *				AY	C
Sandwich Tern					
Royal Tern					
Black Skimmer					
Turkey Vulture		/			A
Black Vulture		/	S		B
Bald Eagle *					
Mississippi Kite				NE	C
Swallow-tailed Kite *					
Cooper's Hawk					
Red-shouldered Hawk June/July			S		B
Broad-winged Hawk *		/			A
Red-tailed Hawk 5-4			S		A
Osprey *					
American Kestrel					
Northern Bobwhite					
Wild Turkey					
Rock Dove				AY	C
Mourning Dove June/July			S		C
Com. Ground-Dove *					
White E. Collared Dove June			PS		B
Yellow-billed Cuckoo				AY	C
Greater Roadrunner					
Barn Owl					
Great Horned Owl					
Barn Owl June/July			S		B
Eastern Screech Owl 6-5			S		B
Chuck-will's-widow					
Common Nighthawk 6-5		/			B
Chimney Swift June/July			S		C
Ruby-throated Hummingbird June/July			S		B
Belted Kingfisher					A
Northern Flicker					
Red-bellied Woodpecker				AY	C
Red-headed Woodpecker					

Quad Name:

Convent

not in safe
date period

All nests require a Nest Record Card!

Species	OB	PO	PR	CO	AB
Hairy Woodpecker June/July			S		B
Red-cockaded Woodpecker					
Pileated Woodpecker June/July			S		B
Eastern Kingbird 6-15			S		A
Scissor-tailed Flycatcher					
Great Crested Flycatcher			A		B
Eastern Wood-Pewee					
Eastern Phoebe					
Acadian Flycatcher		/			A
Horned Lark					
Purple Martin				AY	C
N. Rough-winged Swallow		/			B
Cliff Swallow					
Barn Swallow				AY	C
Blue Jay				NB	C
American Crow June/July			S		C
Fish Crow June/July			S		C
Tufted Titmouse				AY	C
Carolina Chickadee			S	FL	C
White-breasted Nuthatch *					
Brown-headed Nuthatch					
Carolina Wren				AY	C
Marsh Wren					
Blue-gray Gnatcatcher June/July			S		B
Eastern Bluebird 5-11			S		B
Wood Thrush 6-5			S		A
American Robin					
Loggerhead Shrike				NO	C
Gray Catbird					
Northern Mockingbird				AY	C
Brown Thrasher June/July			S		C
European Starling				AY	C
White-eyed Vireo June/July			S		C
Yellow-throated Vireo					
Red-eyed Vireo June/July			S		C
Warbling Vireo *					
Prothonotary Warbler				AY	C
Northern Parula June/July		/			C
Black-and-white Warbler					
Yellow-throated Warbler 5-18			S		B
Prairie Warbler					
Pine Warbler					
Kentucky Warbler 5-27			S		B
Hooded Warbler 6-1			S		B
Worm-eating Warbler					
Swainson's Warbler June/July			S		B
Louisiana Waterthrush *					
Common Yellowthroat				AY	C
Yellow-breasted Chat				AY	B
American Redstart					
Northern Cardinal			S	FL	C
Blue Grosbeak		/			B
Indigo Bunting			M		C
Painted Bunting			M		C
Rufous-sided Towhee June/July			S		B
Seaside Sparrow					
Lark Sparrow					
Bachman's Sparrow *					
Field Sparrow					
Chipping Sparrow					
Dickcissel					
Eastern Meadowlark			M		C
Red-winged Blackbird				NB	C
Brown-headed Cowbird June/July			S		C
Bronzed Cowbird					
Common Grackle				NB	C
Boat-tailed Grackle		/			B
Great-tailed Grackle					
Orchard Oriole			M		C
Northern Oriole		/			A
Summer Tanager			A		B
House Sparrow				AY	C
House Finch *					

not allowed

LOUISIANA BREEDING BIRD ATLAS

Name **THOMAS SYLVEST**

7 1/2 min. Quad Name **CONVENT** Region **187-D** Year **1994**

Visit	Date Surveyed	Party Hours	READ INSTRUCTIONS IN HANDBOOK BEFORE FILLING OUT DATA SHEET
1	15 APRIL	4	
2	16 APRIL	4	
3	17 APRIL	4	
4	19 May	8	
5			
6			
7			
8			
9			
10			
Total Party Hours:		20	

Return form to Regional Coordinator, or if the region has no coordinator, to:
Breeding Bird Atlas
Dept. Wildlife & Fisheries
Natural Heritage Program
P. O. Box 98000
Baton Rouge, LA 70898

Breeding Codes (For more information see handbook.)

Observed column (OB)	Probable column (PB)	Confirmed column (CO)
O Seen but not breeding	S Safe Date	DD Distraction display
	M 7 or more singing males	PE Physiological Evidence
	P Pair	NB Nest building (all others)
	T Territory defense	NU Used nest
	C Courtship	NO Occupied nest
	V Visiting potential nest site	NE Nest with egg(s)
	A Agitated Behavior	NY Nest with young
	N Nest building (wren, wp.)	AY Attending young
	FL Fledglings	

Possible column (PO)
/ Observed in suitable hab.
X Singing male

Cowbird eggs or young indicate breeding by both cowbird & host

Abundance Codes (column AB; optional)

A₁ 1-2 B 3-30 C >30

VEGETATION DATA (For more information see handbook.)

Choose an acre (about 200 ft X 200ft.). MARK IT ON THE SATELLITE MAP!
Avg. TRUNK SIZE of 5 largest trees: B = > 18 in.; M = 8-18 in.; S = < 8 in.
DENSITY: Canopy is tree-top; mid-story is shrub-top; density may be L=light; M=medium; H=high.
DOMINANT CANOPY PLANT: dominant means common and large; use English name or genus.

F	Forest	HABITAT Codes:
S	Swamp is wetland dominated by trees.	
T	Thicket is woodland with trees no more than 30-40 ft tall; incl. pine plantation or canebrake.	
C	Clearcut.	
M	Marsh is wetland dominated by reeds, sedges, and other herbs.	
G	Grassland includes pasture and prairie.	
O	Orchard. Only orchards with large trees are suitable.	

Density

Site	Trunk Size	Herb Layer	Mid-Story	Canopy	Dominant Canopy Plant	Habitat
1	B	L	M	H	OAK	F
2	B	L	M	H	OAK	F
3	B	L	M	H	ELM	F
4	B	L	M	H	ELM	F
5	B	L	M	H	HACKBERRY	F
6	B	H	M	H	CYPRESS	S
7	B	H	M	H	CYPRESS	S
8	B	H	M	H	TYGARD GUM	S

SPECIES LIST

Species	OB	PO	PR	CO	AB
Pied-billed Grebe					
Brown Pelican *					
Anhinga					
Neotropic Cormorant *					
Double-cr. Cormorant					
Least Bittern					
American Bittern *					
Black-cr. Night-Heron					
Yellow-cr. Night-Heron					C

Confirmed breeding by asterisked species requires a Nest Record Card!

CONVENT

SPECIES LIST (continued from first page)

Species	OB	PO	PR	CO	AB
Green Heron	O		A 5-19		C
Tricolored Heron	O		S 5-19		C
Little Blue Heron	O		S 5-19		C
Reddish Egret *					
Cattle Egret	O		S 5-19		C
Snowy Egret	O				C
Great Egret	O				C
Great Blue Heron	O				C
Glossy Ibis *					
White-faced Ibis					
White Ibis	O				C
Roseate Spoonbill *					
Mottled Duck	O				B
Blue-winged Teal					
Fulvous Whistling Duck					
Wood Duck	O			AY	B
King Rail *					
Clapper Rail *					
Purple Gallinule					
Common Moorhen					
American Coot	O				B
Amer. Oystercatcher *					
Black-necked Stilt	O				B
Piping Plover *					
Wilson's Plover *					
Killdeer safe date not alone	O		S 5-19		B
Willet					
American Woodcock					
Laughing Gull	O				
Forster's Tern	O				
Gull-billed Tern *					
Least Tern *					
Sandwich Tern					
Royal Tern					
Black Skimmer					
Turkey Vulture					
Black Vulture					
Bald Eagle *	O				A
Mississippi Kite not in safe date	O		S 5-19		B
Swallow-tailed Kite *					
Cooper's Hawk *	O				A
Red-shouldered Hawk	O		S 5-19		B
Broad-winged Hawk *	O				A
Red-tailed Hawk					
Osprey *	O				A
American Kestrel					
Northern Bobwhite					
Wild Turkey					
Rock Dove					
Mourning Dove	O		S 5-19		C
Com. Ground-Dove *					
Yellow-billed Cuckoo	O		A 5-19		B
Greater Roadrunner					
Barn Owl					
Great Horned Owl					
Barred Owl	O		S		
Eastern Screech Owl					
Chuck-will's-widow					
Common Nighthawk					
Chimney Swift					
Ruby-throated Hummingbird	O		S 5-19		B
Belted Kingfisher					
Northern Flicker					
Red-bellied Woodpecker	O		AY 5-19		B
Red-headed Woodpecker					
Downy Woodpecker	O		S 5-19		B
Hairy Woodpecker					
Red-cockaded Woodpecker *					
Pileated Woodpecker	O		S 5-19		B
Eastern Kingbird	O				

Quad Name: CONVENT 1994 Jan & April

Confirmed breeding by species requires a Nest Record Card!					
Species	OB	PO	PR	CO	AB
Scissor-tailed Flycatcher					
Great Crested Flycatcher	O		S 5-19		B
Eastern Wood-Pewee					
Eastern Phoebe					
Acadian Flycatcher					??
Horned Lark *					
Purple Martin	O			AY 5-19	C
N. Rough-winged Swallow					
Barn Swallow	O		S 5-19		B
Blue Jay	O		S 5-19		B
American Crow	A		S		
Fish Crow					
Tufted Titmouse	O		S 5-19		B
Carolina Chickadee	O		S 5-19		B
White-breasted Nuthatch *					
Brown-headed Nuthatch					
Carolina Wren	O		S		B
Marsh Wren					
Blue-gray Gnatcatcher					??
Eastern Bluebird					
Wood Thrush	O		S		B
American Robin					
Loggerhead Shrike	O		S		B
Gray Catbird					
Northern Mockingbird	O			NE 5-19	B
Brown Thrasher					?
European Starling	O			AY 5-19	C
White-eyed Vireo	O		S 5-19		B
Yellow-throated Vireo					
Red-eyed Vireo	O				A
Warbling Vireo *					
Prothonotary Warbler	O		S 5-19		B
Northern Parula					?
Black-and-white Warbler					
Yellow-throated Warbler					
Prairie Warbler					
Pine Warbler					
Kentucky Warbler					??
Hooded Warbler					?
Worm-eating Warbler *					
Swainson's Warbler *					
Louisiana Waterthrush *					
Common Yellowthroat	O		S 5-19		B
Yellow-breasted Chat	O				B
American Redstart					
Northern Cardinal	O			NB	C
Blue Grosbeak					?
Indigo Bunting	O				B
Painted Bunting					???
Rufous-sided Towhee					?
Seaside Sparrow					
Lark Sparrow					
Bachman's Sparrow *					
Field Sparrow					
Chipping Sparrow					
Dickcissel					
Eastern Meadowlark					?
Western Meadowlark *					
Red-winged Blackbird	O		S 5-19		C
Brown-headed Cowbird	O		S 5-19		C
Common Grackle	O		S 5-19		C
Boat-tailed Grackle					
Great-tailed Grackle					
Orchard Oriole					??
Northern Oriole					?
Summer Tanager					
House Sparrow	O			AY 5-19	C
House Finch *					

not in safe d period

not in safe d period

??

?

?

??

??

??

??

??

??

??

??

LOUISIANA BREEDING BIRD ATLAS

Name

CAROL WORTH/NG 1001

7 1/2 min. Quad Name

Lower Vacherie

203-A

Region 8 Year 1994

Visit

Date Surveyed
Day Month

Party Hours

1	09	04	3
2	16	05	3 1/2
3	20	05	3
4	28	06	3 1/2
5	03	07	3
6	05	07	2 1/2
7			
8			
9			
10			

Total Party Hours:

18 1/2

READ INSTRUCTIONS
IN HANDBOOK
BEFORE FILLING
OUT DATA SHEET

Return form to Regional
Coordinator, or if the region
has no coordinator, to:
Breeding Bird Atlas
Dept. Wildlife & Fisheries
Natural Heritage Program
P. O. Box 98000
Baton Rouge, LA 70898

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Observed column (OB)	Probable column (PR)	Confirmed column (CO)
O Seen but not breeding	S Safe Date	DD Distraction display
	M 7 or more singing males	PE Physiological Evidence
	P Pair	NB Nest building (all others)
	T Territory defense	NU Used nest
	C Courtship	NO Occupied nest
	V Visiting potential nest site	NE Nest with egg(s)
	A Agitated Behavior	NY Nest with young
	N Nest building (wren, wr.)	AY Attending young
		FL Fledglings

Corvid eggs or young indicate breeding by both cowbird & host

Abundance Codes (column AB; optional)

A 1-2	B 3-30	C >30
-------	--------	-------

Choose an acre (about 200 ft X 200ft). MARK IT ON THE SATELLITE MAP!
Avg. TRUNK SIZE of 5 largest trees: B = > 18 in.; M = 8-18 in.; S = < 8 in.
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HABITAT Codes:

F Forest.
S Swamp is wetland dominated by trees.
T Thicket is woodland with trees no more than 30-40 ft tall; incl. pine plantation or canebrake.
C Clearcut.
M Marsh is wetland dominated by reeds, sedges, and other herbs.
G Grassland includes pasture and prairie.
O Orchard. Only orchards with large trees are suitable.

Density

Site	Trunk Size	Herb Layer	Mid-story	Canopy	Dominant Canopy Plant	Habitat
1	M	L	L	H	OAK-BEACH-MAPLE	S
2	M	M	A	M	OAK-CYPRESS	S
3					SUGAR CANE	S
4	S				MULLEN	S
5	M	L	M	M	WILLOW	S
6					GRASS	S
7	M	L	M	M	OAK	S
8	M	H	M	M	GUM-MAPLE-WILLOW	S

SPECIES LIST

Species	OB	PO	PR	CO	AB
Pied-billed Grebe	O			FL	
Brown Pelican *					
Anhinga				NO	
Neotropic Cormorant *					
Double-cr. Cormorant					
Least Bittern					
American Bittern *					
Black-cr. Night-Heron					
Yellow-cr. Night-Heron					

Confirmed breeding species requires a Record Card

1996 BREWER

SPECIES LIST (continued from first page)

Species	OB	PO	PR	CO	AB
Green Heron		/		NU	
Tricolored Heron		/		NO	
Little Blue Heron	0	/		NO	
Reddish Egret *		/			
Cattle Egret	0	/		NO	
Snowy Egret	0	/		NO	
Great Egret	0	/		NO	
Great Blue Heron	0	/		NO	
Glossy Ibis *		/			
White-faced Ibis		/			
White Ibis	0	/			
Roseate Spoonbill *		/			
Mottled Duck		/			
Blue-winged Teal	0	/			
Fulvous Whistling Duck		/			
Wood Duck	0	/			
King Rail *		/			
Clapper Rail *		/			
Purple Gallinule		/			
Common Moorhen 5/16		/	S		
American Coot		/			
Amer. Oystercatcher *		/			
Black-necked Stilt		/		FL	
Piping Plover *		/			
Wilson's Plover *		/			
Killdeer		/			
Willet		/			
American Woodcock		/			
Laughing Gull	0	/			
Forster's Tern		/			
Gull-billed Tern *		/			
Least Tern *		/			
Sandwich Tern		/			
Royal Tern		/			
Black Skimmer		/			
Turkey Vulture		/			
Black Vulture		/			
Bald Eagle *		/		NO	
Mississippi Kite 6/28		/	S		
Swallow-tailed Kite *		/			
Cooper's Hawk *		/			
Red-shouldered Hawk 6/28		/	S		
Broad-winged Hawk *		/			
Red-tailed Hawk		/			
Osprey *		/			
American Kestrel		/			
Northern Bobwhite 5/16		/	S		
Wild Turkey		/			
Rock Dove		/			
Mourning Dove 5/16		/	S		
Com. Ground-Dove *		/			
Yellow-billed Cuckoo 6/28		/	S		
Greater Roadrunner		/			
Barn Owl		/			
Great Horned Owl		/			
Barred Owl 4/9		/	S		
Eastern Screech Owl 6/28		/	S		
Chuck-will's-widow		/			
Common Nighthawk		/			
Chimney Swift 5/16		/	S		
Ruby-throated Hummingbird 6/28		/	S		
Belted Kingfisher		/			
Northern Flicker		/			
Red-bellied Woodpecker		/	S		
Red-headed Woodpecker		/			
Downy Woodpecker 5/16		/	S		
Hairy Woodpecker 5/16		/	S		
Red-cockaded Woodpecker *		/			
Pileated Woodpecker 5/16		/	S		
Eastern Kingbird		/			

1946 ORDER

Quad Name: Lower Vacherie side LDWF

Confirmed breeding by *** species requires a Nest Record Card

Species	OB	PO	PR	CO	AB
Scissor-tailed Flycatcher					
Great Crested Flycatcher					??
Eastern Wood-Pewee					
Eastern Phoebe					???
Acadian Flycatcher					
Horned Lark *					
Purple Martin 5/16		/	S	NO	
N. Rough-winged Swallow		/			
Barn Swallow		/		NU	
Blue Jay 5/16		/	S		
American Crow 5/16		/	S		
Fish Crow		/			
Tufted Titmouse 4/9		/	S		
Carolina Chickadee 4/9		/	S	AY	
White-breasted Nuthatch *		/			
Brown-headed Nuthatch		/			
Carolina Wren		/	M		
Marsh Wren		/			
Blue-gray Gnatcatcher 5/16		/	S		
Eastern Bluebird		/			
Wood Thrush		/			??
American Robin		/			
Loggerhead Shrike 5/16		/	S	AY	
Gray Catbird		/			
Northern Mockingbird 5/16		/	S	NE	(4)
Brown Thrasher 5/16		/	S		
European Starling		/		AY	
White-eyed Vireo		/	M	FL	
Yellow-throated Vireo		/			???
Red-eyed Vireo		/			
Warbling Vireo *		/			
Prothonotary Warbler 5/16		/	S	FL	
Northern Parula		/	M		
Black-and-white Warbler		/			
Yellow-throated Warbler		/			
Prairie Warbler		/			
Pine Warbler		/			
Kentucky Warbler		/			??
Hooded Warbler		/			??
Worm-eating Warbler *		/			?
Swainson's Warbler *		/			
Louisiana Waterthrush *		/			
Common Yellowthroat 5/16		/	S	AY	
Yellow-breasted Chat 5/16		/	S		
American Redstart		/			
Northern Cardinal		/	M	FL	
Blue Grosbeak		/			
Indigo Bunting	0	/	M		
Painted Bunting 5/16		/	S		
Rufous-sided Towhee 5/16		/	S		
Seaside Sparrow		/			
Lark Sparrow		/			
Bachman's Sparrow *		/			
Field Sparrow		/			
Chipping Sparrow		/			
Dickcissel		/			
Eastern Meadowlark 5/16		/	S		
Western Meadowlark *		/			
Red-winged Blackbird		/	M	AY	
Brown-headed Cowbird 5/16		/	S		
Common Grackle 5/16		/	S		
Boat-tailed Grackle		/			
Great-tailed Grackle		/			
Orchard Oriole 5/16	0	/	S		
Northern Oriole		/			
Summer Tanager		/			
House Sparrow 4/9		/	S	NO	
House Finch *		/			
Bronzed Cowbird		/			MA

SPECIES LIST

Species	OB	PO	PR	CO	AB
Pied-billed Grebe					
Brown Pelican *					
Anhinga					
Neotropic Cormorant *					
Double-cr. Cormorant					
Least Bittern					
Black-cr. Night-Heron					
Yellow-cr. Night-Heron					
Green Heron					
Tricolored Heron				NO	
Little Blue Heron				NO	
Reddish Egret *					
Cattle Egret					
Snowy Egret				NO	
Great Egret				NO	
Great Blue Heron				NO	
Glossy Ibis *					
White-faced Ibis					
White Ibis					
Roseate Spoonbill *					
Mallard *					
Mottled Duck					
Blue-winged Teal					
Fulvous Whistling Duck					
Wood Duck					
Hooded Merganser *					
King Rail *					
Clapper Rail *					
Purple Gallinule					
Common Moorhen					
American Coot					
Amer. Oystercatcher *					
Black-necked Stilt					
Wilson's Plover *					
Killdeer					
Willet					
American Woodcock					
Laughing Gull					
Forster's Tern					
Gull-billed Tern *					
Least Tern *					
Sandwich Tern					
Royal Tern					
Black Skimmer					
Turkey Vulture					
Black Vulture					
Bald Eagle *					
Mississippi Kite					
Swallow-tailed Kite *					
Cooper's Hawk *					
Red-shouldered Hawk					
Broad-winged Hawk *					
Red-tailed Hawk					
Osprey *					
American Kestrel					
Northern Bobwhite					
Wild Turkey					
Rock Dove					
Mourning Dove					
Com. Ground-Dove *					
Inca Dove					
Yellow-billed Cuckoo					
Greater Roadrunner					
Barn Owl					
Great Horned Owl					
Barred Owl					
Eastern Screech Owl					
Chuck-will's-widow					
Common Nighthawk					
Chimney Swift					
Ruby-throated Hummingbird					
Belted Kingfisher					
Northern Flicker					
Red-bellied Woodpecker					
Red-headed Woodpecker					
Downy Woodpecker					

All nests require a Nest Record Card!

Species	OB	PO	PR	CO	AB
Hairy Woodpecker					
Red-cockaded Woodpecker *					
Pileated Woodpecker					
Eastern Kingbird					
Scissor-tailed Flycatcher					
Great Crested Flycatcher					
Eastern Wood-Pewee					
Eastern Phoebe					
Acadian Flycatcher					
Horned Lark					
Purple Martin					
N. Rough-winged Swallow					
Cliff Swallow					
Barn Swallow					
Blue Jay					
American Crow					
Fish Crow					
Tufted Titmouse					
Carolina Chickadee					
White-breasted Nuthatch *					
Brown-headed Nuthatch					
Carolina Wren					
Marsh Wren					
Blue-gray Gnatcatcher					
Eastern Bluebird					
Wood Thrush					
American Robin					
Loggerhead Shrike					
Gray Catbird					
Northern Mockingbird					
Brown Thrasher					
European Starling					
White-eyed Vireo					
Yellow-throated Vireo					
Red-eyed Vireo					
Warbling Vireo					
Prothonotary Vireo					
Northern Parula					
Black-and-white Warbler					
Yellow-throated Warbler					
Prairie Warbler					
Pine Warbler					
Kentucky Warbler					
Hooded Warbler					
Worm-eating Warbler					
Swainson's Warbler					
Louisiana Waterthrush *					
Common Yellowthroat					
Yellow-breasted Chat					
American Redstart					
Northern Cardinal					
Blue Grosbeak					
Indigo Bunting					
Painted Bunting					
Rufous-sided Towhee					
Seaside Sparrow					
Lark Sparrow					
Bachman's Sparrow *					
Field Sparrow					
Chipping Sparrow					
Dickcissel					
Eastern Meadowlark					
Red-winged Blackbird					
Brown-headed Cowbird					
Bronzed Cowbird					
Common Grackle					
Boat-tailed Grackle					
Great-tailed Grackle					
Orchard Oriole					
Northern Oriole					
Summer Tanager					
House Sparrow					
House Finch *					

Quad Name: Lower Vacherie 203-A

Data from LDWF
database -
ORKERS surveyed
in 1994.

LOUISIANA BREEDING BIRD ATLAS

Name THOMAS SYLVEST

7 1/2 min. Quad Name M+ Airy NW 188-A Region Year 1994

Visit	Date Surveyed		Party Hours
	Day	Month	
1	4-20-94	April	4
2	5-3-94	May	4
3	5-24-94	May	8
4			
5			
6			
7			
8			
9			
10			
Total Party Hours:			16

READ INSTRUCTIONS
IN HANDBOOK
BEFORE FILLING
OUT DATA SHEET

Return form to Regional
Coordinator, or if the region
has no coordinator, to:
Breeding Bird Atlas
Dept. Wildlife & Fisheries
Natural Heritage Program
P. O. Box 98000
Baton Rouge, LA 70898

Breeding Codes (For more information see handbook.)

Observed column (OB)		Probable column (PR)		Confirmed column (CO)	
O	Seen but not breeding	S	Safe Date	DD	Distraction display
		M	7 or more singing males	PE	Physiological Evidence
		P	Pair	NB	Nest building (all others)
		T	Territory defense	NU	Used nest
		C	Courtship	NO	Occupied nest
		V	Visiting potential nest site	NE	Nest with egg(s)
		A	Agitated Behavior	NY	Nest with young
		N	Nest building (wren, wp.)	AY	Attending young
				FL	Fledglings
Cowbird eggs or young indicate breeding by both cowbird & host!					

Abundance Codes (column AB; optional)

A 1-2 B 3-30 C >30

Choose an acre (about 200 ft X 200 ft.). MARK IT ON THE SATELLITE MAP!
Avg. TRUNK SIZE of 5 largest trees: B= >18 in.; M= 8-18 in.; S= <8 in.
DENSITY: Canopy is treetops; mid-story is shrub-tops; density may be L=light; M=medium; H=high.
DOMINANT CANOPY PLANT: dominant means common and large; use English name or genus.

HABITAT Codes:

F	Forest.
S	Swamp is wetland dominated by trees.
T	Thicket is woodland with trees no more than 30-40 ft tall; incl. pine plantation or canebrake.
C	Clearcut.
M	Marsh is wetland dominated by reeds, sedges, and other herbs.
G	Grassland includes pasture and prairie.
O	Orchard. Only orchards with large trees are suitable.

Density

Site	Trunk Size	Herb Layer	Mid-Story	Canopy	Dominant Canopy Plant	Habitat
1	M	H	M	H	Tupelo Gum	S
2	M	H	M	H	Tupelo Gum	S
3	M	H	M	H	Tupelo Gum	S
4	M	H	M	H	Tupelo Gum	S
5	M	H	M	H	Tupelo Gum	S
6	M	H	M	H	Cottonwood	F
7	M	H	M	H	Tupelo Gum	S
8	M	H	M	H	Tupelo Gum	S

SPECIES LIST

Species	OB	PO	PR	CO	AB
Pied-billed Grebe					
Brown Pelican *					
Anhinga					
Neotropic Cormorant *					
Double-cr. Cormorant					
Least Bittern					
American Bittern *					
Black-cr. Night-Heron	O				A
Yellow-cr. Night-Heron	O			NY	C

5-24-94

Confirmed
breeding by
asterisked
species
requires a Nest
Record Card!

NW M-AIRY

SPECIES LIST (continued from first page)

Species	OB	PO	PR	CO	AB
Green Heron	0	/	S 5-24	B	
Tricolored Heron	0	/	S 5-24	B	
Little Blue Heron	0	/	S 5-24	B	
Reddish Egret *					
Cattle Egret					
Snowy Egret	0	/	S 5-24	C	
Great Egret	0	/	S 5-24	C	
Great Blue Heron	0	/	S 5-24	B	
Glossy Ibis *					
White-faced Ibis					
White Ibis	0	/	F	C	
Roseate Spoonbill *					
Mottled Duck					
Blue-winged Teal					
Fulvous Whistling Duck					
Wood Duck	0	/	S 5-24	B	
King Rail *					
Clapper Rail *					
Purple Gallinule					
Common Moorhen					
American Coot					
Amer. Oystercatcher *					
Black-necked Stilt					
Piping Plover *					
Wilson's Plover *					
Killdeer no safe date →	0	/	S 5-24	B	
Willet					
American Woodcock					
Laughing Gull	0				B
Forster's Tern					
Gull-billed Tern *					
Least Tern *					
Sandwich Tern					
Royal Tern					
Black Skimmer					
Turkey Vulture					
Black Vulture	0		S		B
Bald Eagle *	0			NO	B
Mississippi Kite	0			NB	B
Swallow-tailed Kite *					
Cooper's Hawk *					
Red-shouldered Hawk	0		T	5-3	B
Broad-winged Hawk *					
Red-tailed Hawk	0				A
Osprey *					
American Kestrel					
Northern Bobwhite					
Wild Turkey					
Rock Dove					
Mourning Dove	0		S	5-24	B
Com. Ground-Dove *					
Yellow-billed Cuckoo	0	/	S 5-24	B	
Greater Roadrunner					
Barn Owl					
Great Horned Owl					
Barred Owl	0		S	5-3	B
Eastern Screech Owl					
Chuck-will's-widow					
Common Nighthawk					
Chimney Swift	0	/			B
Ruby-throated Hummingbird	0	/	S 5-3	B	
Belted Kingfisher	0				A
Northern Flicker					
Red-bellied Woodpecker	0	X	S	5-24	B
Red-headed Woodpecker					
Downy Woodpecker	0		S	5-24	B
Hairy Woodpecker	0		S	5-3	A
Red-cockaded Woodpecker *					
Pileated Woodpecker	0	B	C	5-24	B
Eastern Kingbird					

no safe date
1946
Quadrant Name
Northwest
NW Airy
1994
side
LWF

Confirmed breeding by *** species requires a Nest Record Card!

Species	OB	PO	PR	CO	AB
Scissor-tailed Flycatcher					
Great Crested Flycatcher	0	X	S 5-24	B	
Eastern Wood-Pewee					
Eastern Phoebe					
Acadian Flycatcher					
Horned Lark *					
Purple Martin	0		S	5-3	B
N. Rough-winged Swallow					
Barn Swallow	0		S 5-24	NB	B
Blue Jay	0		S 5-24	AV	B
American Crow	0		S		B
Fish Crow	0				B
Tufted Titmouse	0	X	S	5-24	B
Carolina Chickadee	0		S	5-24	B
White-breasted Nuthatch *					
Brown-headed Nuthatch					
Carolina Wren	0		S	5-3	B
Marsh Wren					
Blue-gray Gnatcatcher					
Eastern Bluebird					
Wood Thrush	0	X			B
American Robin					
Loggerhead Shrike					
Gray Catbird	0				A
Northern Mockingbird	0	/			C
Brown Thrasher	0	/			B
European Starling	0			NB	B
White-eyed Vireo	0	X	M	5-24	B
Yellow-throated Vireo					
Red-eyed Vireo	0	/			A
Warbling Vireo *					
Prothonotary Warbler	0		M	5-24	C
Northern Parula	0	/	S 5-3	B	
Black-and-white Warbler					
Yellow-throated Warbler	0		S	5-3	B
Prairie Warbler					
Pine Warbler					
Kentucky Warbler					
Hooded Warbler					
Worm-eating Warbler *					
Swainson's Warbler *					
Louisiana Waterthrush *					
Common Yellowthroat	0		S	5-24	B
Yellow-breasted Chat	0	/			A
American Redstart					
Northern Cardinal	0		S	4-20	C
Blue Grosbeak					
Indigo Bunting	0	/			A
Painted Bunting					
Rufous-sided Towhee	0		S	5-24	B
Seaside Sparrow					
Lark Sparrow					
Bachman's Sparrow *					
Field Sparrow					
Chipping Sparrow					
Dickcissel					
Eastern Meadowlark					
Western Meadowlark *					
Red-winged Blackbird	0		S	4-20	B
Brown-headed Cowbird					
Common Grackle	0		S	5-24	C
Boat-tailed Grackle					
Great-tailed Grackle					
Orchard Oriole					
Northern Oriole					
Summer Tanager					
House Sparrow					
House Finch *					

not in safe date per

??

?

no safe date allow

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???

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not safe date

? 2 White-rumped Sandpipers observed on Tieu Ri canal on 5-24-94 JAH

LOUISIANA BREEDING BIRD ATLAS

Name Ronald J. Stein

7 1/2 min. Quad Name

Reserve 188-D

Region 8 Year 1994

READ INSTRUCTIONS
IN HANDBOOK
BEFORE FILLING
OUT DATA SHEET

Return form to Regional
Coordinator, or if the region
has no coordinator, to:
Breeding Bird Atlas
Dept. Wildlife & Fisheries
Natural Heritage Program
P. O. Box 98000
Baton Rouge, LA 70898

Visit	Date Surveyed	Party
	Day	Hours
1	16	04
2	17	04
3	14	05
4	11	06
5		
6		
7		
8		
9		
10		
Total Party Hours:		22

Breeding Codes (For more information see handbook.)

Observed column (OB)	Probable column (PR)	Confirmed column (CO)
O Seen but not breeding	S Safe Date	DD Distraction display
	M 7 or more singing males	PE Physiological Evidence
	P Pair	NB Nest building (all others)
	T Territory defense	NU Used nest
	C Courtship	NO Occupied nest
	V Visiting potential nest site	NE Nest with egg(s)
	A Agitated Behavior	NY Nest with young
	N Nest building (wren, wp.)	AY Ascending young
	FL Fledgling	
Cowbird eggs or young indicate breeding by both cowbird & host		

Abundance Codes (column AB; optional)

A 1-2	B 3-30	C >30
-------	--------	-------

Note: I LIVE IN THIS QUAD.
I had assistance from Melvin Weber, Jane Bayhi and Donald Snee

Vegetation Data (For more information see handbook.)

Choose an acre (about 200 ft X 200ft). MARK IT ON THE SATELLITE MAP!

Avg. TRUNK SIZE of 5 largest trees: B = > 18 in.; M = 8-18 in.; S = < 8 in.

DENSITY: Canopy is tree-top; mid-story is shrub-top; density may be L=light; M=medium; H=high.

DOMINANT CANOPY PLANT: dominant means common and large; use English name or genus.

HABITAT Codes:
F Forest.
S Swamp is wetland dominated by trees.
T Thicket is woodland with trees no more than 30-40 ft tall; incl. pine plantation or canebrake.
C Clearcut.
M Marsh is wetland dominated by reeds, sedges, and other herbs.
G Grassland includes pasture and prairie.
O Orchard. Only orchards with large trees are suitable.

Site	Density				Dominant Canopy Plant	Habitat
	Trunk Size	Herb Layer	Mid-Story	Canopy		
1	B	L	H	H	CYPRESS	S
2					CANEFIELD	C
3	B	H	M	H	OAK	F
4	M	H	M	M	WILLOW, Cottonwood	F
5					Grass (Willow)	G
6	B	H	H	H	Hackberry, Maple	F
7	B	L	H	H	Cypress, Tupelo	S
8	B	L	H	H	Cypress, Tupelo	S

SPECIES LIST

Species	OB	PO	PR	CO	AB
Pied-billed Grebe					
Brown Pelican *					
Anhinga					A
Neotropic Cormorant *					
Double-cr. Cormorant					
Least Bittern					
American Bittern *					
Black-cr. Night-Heron					B
Yellow-cr. Night-Heron					B

Confirmed
breeding by
asterisked
species
requires a Nest
Record Card!

SPECIES LIST (continued from first page)

Species	OB	PO	PR	CO	AB
Green Heron		/		AY	C
Tricolored Heron		/			
Little Blue Heron		/			B
Reddish Egret *		/			
Cattle Egret		/			C
Snowy Egret		/			C
Great Egret		/			C
Great Blue Heron		/			C
Glossy Ibis *		/			
White-faced Ibis	0	/			
White Ibis		/			B
Roseate Spoonbill *		/			
Mottled Duck		/			
Blue-winged Teal		/			
Fulvous Whistling Duck		/			
Wood Duck		/		NY	C
King Rail *		/			
Clapper Rail *		/			
Purple Gallinule		/			
Common Moorhen		/			
American Coot		/			
Amer. Oystercatcher *		/			
Black-necked Stilt	0	/			
Piping Plover *		/			
Wilson's Plover *		/			
Killdeer		/		NY	C
Willet		/			
American Woodcock		/			A
Laughing Gull	0	/			C
Forster's Tern		/			
Gull-billed Tern *		/			
Least Tern *		/		AY	B
Sandwich Tern		/			
Royal Tern		/			
Black Skimmer		/			
Turkey Vulture		/			B
Black Vulture		/	S		B
Bald Eagle *		/	P		B
Mississippi Kite		/		NO	C
Swallow-tailed Kite *		/			
Cooper's Hawk *	0	/			A
Red-shouldered Hawk		/		NY	C
Broad-winged Hawk *		/			
Red-tailed Hawk		/	P		A
Osprey *		/			
American Kestrel		/			
Northern Bobwhite		/			
Wild Turkey		/			
Rock Dove		/		NY	C
Mourning Dove		/		NY	C
Com. Ground-Dove *		/			
Yellow-billed Cuckoo		/	M		C
Greater Roadrunner		/			
Barn Owl		/	S		A
Great Horned Owl		/	T		B
Barred Owl		/	M		C
Eastern Screech Owl		/	T		B
Chuck-will's-widow		/			
Common Nighthawk		/		NE	B
Chimney Swift		/		NO	C
Ruby-throated Hummingbird		/	C		C
Belted Kingfisher	0	/			A
Northern Flicker		/			
Red-bellied Woodpecker		/	N		C
Red-headed Woodpecker		/			
Downy Woodpecker		/		AY	C
Hairy Woodpecker		/			B
Red-cockaded Woodpecker *		/			
Pileated Woodpecker		/	S		B
Eastern Kingbird		/	P		C

Quad Name: Reserve

Confirmed breeding by *** species requires a Nest Record Card

Species	OB	PO	PR	CO	AB
Scissor-tailed Flycatcher		/			
Great Crested Flycatcher		/	V		C
Eastern Wood-Pewee	0	/			
Eastern Phoebe		/			
Acadian Flycatcher		/			
Horned Lark *		/			
Purple Martin		/		NY	C
N. Rough-winged Swallow		/	P		B
Barn Swallow		/		NY	C
Blue Jay		/		NY	C
American Crow		/		NY	C
Fish Crow		/	T		B
Tufted Titmouse		/		NY	C
Carolina Chickadee		/	M		C
White-breasted Nuthatch *		/			
Brown-headed Nuthatch		/			
Carolina Wren		/		NY	C
Marsh Wren		/			
Blue-gray Gnatcatcher		/	P		B
Eastern Bluebird		/		NY	B
Wood Thrush		/	T		B
American Robin		/		AY	B
Loggerhead Shrike		/	T	AY	C
Gray Catbird		/			B
Northern Mockingbird		/		NY	C
Brown Thrasher		/		NY	C
European Starling		/		NY	C
White-eyed Vireo		/	T		C
Yellow-throated Vireo	0	/			B
Red-eyed Vireo		/	P		C
Warbling Vireo *		/			
Prothonotary Warbler		/	P		C
Northern Parula		/	P	AY	C
Black-and-white Warbler		/			
Yellow-throated Warbler		/		AY	
Prairie Warbler		/			
Pine Warbler		/			
Kentucky Warbler		/			B
Hooded Warbler		/	T		B
Worm-eating Warbler *		/			
Swainson's Warbler * 5-15		/	S		A
Louisiana Waterthrush *		/			
Common Yellowthroat		/	P		C
Yellow-breasted Chat		/	P		C
American Redstart		/			
Northern Cardinal		/		NY	C
Blue Grosbeak		/			C
Indigo Bunting		/	P		C
Painted Bunting		/	P	NY	C
Rufous-sided Towhee		/	P	AY	C
Seaside Sparrow		/			
Lark Sparrow		/			
Bachman's Sparrow *		/			
Field Sparrow		/			
Chipping Sparrow		/			
Dickcissel		/			
Eastern Meadowlark		/		NY	C
Western Meadowlark *		/			
Red-winged Blackbird		/	P	AY	C
Brown-headed Cowbird (OR. ISLE)		/	P	AY	C
Common Grackle		/		NY	C
Boat-tailed Grackle		/		NY	C
Great-tailed Grackle		/			
Orchard Oriole		/		AY	C
Northern Oriole		/			B
Summer Tanager 6-11-94		/	S		B
House Sparrow		/		NY	C
House Finch *		/			
Eur. Collared Dove		/	C		R
Bronzed Cowbird		/		AY	B

??