SUMMARY OF SEASONAL OCCURRENCES

of

LOUISIANA BIRDS

by

GEORGE H. LOWERY, JR.



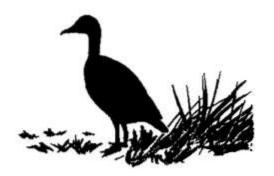
Reprinted for the

LOUISIANA ORNITHOLOGICAL SOCIETY

from the Third, Revised Edition of the book LOUISIANA BIRDS

published by

Louisiana State University Press, 1974



SUMMARY OF SEASONAL OCCURRENCES

IN PREPARING the following charts (Table 3), I have attempted to show in condensed form the seasons or periods of occurrence and the approximate relative abundance of the 411 species of birds that are known to have occurred in Louisiana. Although this graphic presentation provides a quick reference to many useful data, it cannot portray all the facts that may be desired. I have made no attempt to indicate the fine degrees of abundance among the various species. The top category, "common to abundant, at least locally," includes many shades of commonness. It includes not only the Red-winged Blackbird, which sometimes blackens the rice fields, but also the Belted Kingfisher, which is widespread and conspicuous along our bayous and streams but which is seldom seen by a single observer in numbers of more than a dozen in the course of a day. Variations in the relative abundance of a bird in its different habitats and variations in a bird's abundance in different parts of the state are often very great. Although the Seaside Sparrow, for example, is entirely absent in all the inland parishes of the state, it is abundant in its one habitat, the salt marshes of the coast. I have, therefore, designated it as "common." Neither can the charts tell much about the yearto-year fluctuations in the numbers of a given species. The Red-breasted Nuthatch inundated the state in 1940, and to a lesser extent in 1941, in numbers that would have placed it high in the top category. Yet it has been all but absent in some years since the big invasion. Consequently, I have felt obliged to class it with the "very rare or irregular" species.

In a further attempt to overcome some of these difficulties, I have shown the status of each bird in the state as a whole (top line by each species), as well as its status in the Baton Rouge area (second line), which is interpreted here to include East and West Baton Rouge, East and West Feliciana, Pointe Coupee, Iberville, and Ascension parishes. The Baton Rouge area may not be regarded as truly indicative of the situation with respect to all inland localities, but at least it is noncoastal. Moreover, the Baton Rouge area happens to be one of the few areas in the interior of the state where there has been fairly complete coverage over a long number of years. An ideal arrangement, of course, would have been to have had four lines for each species: one for a strictly coastal locality, one for an area in the central-southern part of the state, one for an area in northern Louisiana, and, finally, a line summarizing the data for the state as a whole.

The numbers on the charts are the extreme dates of arrival and departure based on carefully sifted records in the literature or on file in the LSU Museum of Zoology. They cover the period from the time of Audubon to March 1, 1974. Birds definitely known to breed in the state are indicated by a star after the name. Proof of breeding in the state is based on the discovery of an actual nest with eggs or with young, but the detection of juveniles barely capable of flight is also considered sufficient. In the case of several species such unimpeachable evidence of breeding in Louisiana is still lacking, although the birds in question almost surely do so.

Observations that extend any of the migration dates or the seasons of occurrence, as well as any new information relating to the birds of Louisiana, should be transmitted along with full particulars to the LSU Museum of Zoology in order that the new facts may be put on file for future use by anyone who is interested. This does not mean to imply that every sight record of a bird that comes into the museum is automatically accepted and used. Sight records of birds are particularly subject to error, even when made by the most competent ornithologist. Consequently, to be of value they should invariably be accompanied by full supporting details. Scientific data of any sort must always be subject to the closest scrutiny and to the most rigid tests of their validity. Science is truth. When we seek the truth, we must always demand unimpeachable evidence.

Table 3 Charts Showing the Seasonal Occurrence of Louisiana Birds

Common to abundant, at least locally.

Uncommon or only moderately common, but found regularly in smaller numbers.

> Rare; found infrequently, not every day, but to be expected, particularly at certain times of the year.

•••• Very rare or irregular; not found every week or even every month during its season, sometimes skipping a year or more, but when present possibly locally common for a short period.

★ Breeding known.

Note: The first line by each species shows the status of the bird in the state as a whole; the second line shows the status in the Baton Rouge area as geographically defined on page 506. One species, the Purple Sandpiper, was recorded for the first time in Louisiana too late to be included in the charts (see page 315).

SPECIES	/JAI	N/FEE	B/MAF	APF	R/MAY	NUL/Y	JUL	AUG	/SEF	/oc	r/NO	/DE
COMMON LOON	NAME OF TAXABLE PARTY.	-	-		••••		2	3		8	10000	SISTEMA .
COMMON LOON				2	ò		(-1111) ()			22		
RED-THROATED	•••	•••••	• • 14		-							233
RED-NECKED GREBE												•2
HORNED GREBE	22.5		. 2	6		_				4	8	
EARED GREBE		• • • 17				• •13				18		24 •
LEAST GREBE	-			-	-					_		•1
WESTERN GREBE	•••	•••••	***2	6			_					3
PIED-BILLED GREBE	*					GREEN			200			
YELLOW-NOSED ALBATROSS	-				•9							
GREATER SHEARWATER					•3		•16	- 11	4-5			
AUDUBON'S SHEARWATER	-		29 •		4	••••	••••	••••	••15		-	
LEACH'S STORM-PETREL	-								•2	3		• 5
WILSON'S STORM-PETREL				8 ***	••••				9			
WHITE-TAILED TROPICBIRD								•15				
AMERICAN WHITE PELICAN	Table 10	A SERVE	N. S.	AESTAS		••••	••••	••••				3.368
BROWN PELICAN	* •11							•:	30		22.50	
MASKED BOOBY	\vdash	-			••••	••••	••••	••••	••13			
BROWN BOOBY	•			•			•		•		·	
RED-FOOTED BOOBY	-						fise				1+	
NORTHERN GANNET	••••	• • • • •	••••	••••	• 5		<u> </u>				29 •	•••

SPECIES		JAN	FEE	MAF	R/APF	R/MA	YJUN	JUL	AUG	SEF	,\oc.	T/NO	V/DE
DOUBLE-CRESTED CORMORANT	*		-									12.77	
OLIVACEOUS CORMORANT	*	• 2	_				***			enen.	-	0.752	
AMERICAN ANHINGA	*		4							i de			
MAGNIFICENT FRIGATEBIRD							26		6 • 11	•1:	1		•••
GREAT BLUE HERON	*												
GREEN HERON	*		25 1	200					10000000		1		
LITTLE BLUE HERON	*		20 0	9 at									
CATTLE EGRET	*			2 4									
REDDISH EGRET	*												
GREAT EGRET	*												
SNOWY EGRET	*		***	17									30
LOUISIANA HERON	*			_	20.			0.000000	ed to the control of	انسم		••13	
BLACK-CROWNED NIGHT HERON	*			i de la constante de la consta									
YELLOW-CROWNED NIGHT HERON	*		100	27									
LEAST BITTERN	*	••••	-									••••	
AMERICAN BITTERN	*							••••	8			-	
WOOD STORK		•	30000000	•••	••15						28		-
GLOSSY IBIS	*			24.				21		ALC: N			
WHITE-FACED	*	_								_			
WHITE IBIS	*	en en		24	-								. 5
ROSEATE SPOONBILL	*				-					•11			
GREATER FLAMINGO	9	• 11				-							•6
WHISTLING SWAN		••••	•••					- '-				15••	•••
TRUMPETER SWAN		• 7						-				•	
CANADA GOOSE	2000	• 4		••11	· •	••••	••••	••••	••••	••	7		•••
COMMON BRANT		15•17	-					_					30

SPECIES		JAN	FEE	MAR	APR	MAY	NUL	/JUL	AUG	SEP	/oct	/NOV	DE
BLACK BRANT											210		
	-L	_						-					
WHITE-FRONTED GOOSE		-	سے		-	27 27				29.			
30032	_	_		1	-	-				1.00			
SNOW GOOSE		-			•	••••	••••	••••	••••	•	0.00	-	
	-	-		1	-	•	•		•	-	8	3.	-
ROSS GOOSE	ŀ		•••;	23				-			and the second	24.	•••
BLACK-BELLIED TREE-DUCK	1											26•	204
FULVOUS TREE-DUCK	*										II.		
MALLARD	*			14			••••	••••	•••				
BLACK DUCK			2,383		100000	16					7	0.000	
					2:		-				30		
MOTTLED DUCK	*	A. A	THE REAL PROPERTY.			•2			26	•18	2	1000	2000
	-		-	_									_
GADWALL				1		-	**13		8		- 000000		
	- 1	M	- Charles	1	2	_	-	-	-		5	(600,600)	and the same
NORTHERN	*					_	••••	• • • •	••	200	200		
PINTAIL	-	9,790		220000	2		-	_	-		5 劉國		
GREEN-WINGED TEAL					13	• 3	23.	••••	••••		24		
BLUE-WINGED	*				-		1000000	et e e					-
TEAL	0.00		-	d at the	1000000				20			SM85 2	4
CINNAMON TEAL											20 •	••••	•••
ON THAT						e - 1010							
NORTHERN										toron.			
SHOVELER	- 1		100000	-	16	5				25強	-		1
AMERICAN							30			11			
WIGEON					23						16 2		
WOOD DUCK	*		****	-	-	-							
WOOD DOCK			1000	40.0	100/2003				Personal Section		200.3	2000	MARK S
			-	Townson.	200000000000000000000000000000000000000	2			27	22220			
REDHEAD	į,		-	-	938 17	-			-		3 ***	-	a distant
RING-NECKED				-	Towns:						800		
DUCK	-				100	-				2	100		
		-1.5		100							• 8000		
CANVASBACK			AUG RE		_						281	1200	22500
	_	NAME OF TAXABLE PARTY.			86	ĺ		•2					100000
GREATER SCAUP								-				4 1000	
LESSER SCAUP										••			
SOMMON		COMPANY.	-	C 00000000000	-0.0	_	-			50000	acceptable (Contract	-
GOLDENEYE	Ē			8	2							16	
					2	,					13	20000	
BUFFLEHEAD	Ĉ			2	ALC: UNKNOWN	Ĭ						A MAIN	
	- f	00000000	*******		_	22			-		-	15	
OLDSQUAW	E			-		3			- 7			15 000	-
	-			-	-1				-	_		1.5	
HARLEQUIN													

SPECIES		/JAN	/FEB	/M/	R/A	PR/M	AY	JUN	/JUL	AUG	SEF	VOC.	r/NO	V/DE
WHITE-WINGED		• •	•	•	• •	•1						17*	• •	•••
SCOTER	_	•13		-	+-		-	- 8	_	-		-	-	-
SURF SCOTER		•	-	·	+	• •••	13	_			-		8	4
	-				+		•2					25*		1
BLACK SCOTER		<u> </u>		1	+	-	1	5				25	_	4
DUDBY BURY	*					10000000	••					A SHARES		
RUDDY DUCK	057					Box seed 1	-					4 1998		
MASKED DUCK		•7			•3	• 5					_		_	23
HOODED MERGANSER	*							The Control of the Control					2.00	1011
COMMON MERGANSER	-11					19	-	•3				24 8		
MERGANSER	_				-	-							20 •	• • • ;
RED-BREASTED MERGANSER						•••	200000	••2	2			25	9 1111	
TURKEY VULTURE	*													
BLACK VULTURE	*													
WHITE-TAILED KITE			_		\perp		-	200				*11		
SWALLOW-TAILED KITE	*		15 • •	8		25 25 2					-	***2	4	30
MISSISSIPPI KITE	*		••••	-	4							••••		
GOSHAWK					1									30
SHARP-SHINNED	*				_	-					- 0000000		_	30
HAWK	^	120000			20000						- 300003	SALVANIA .		-
COOPER'S HAWK	*													
RED-TAILED HAWK	*				-						- 100			
RED-SHOULDERED	*													
HAWK	-													
BROAD-WINGED HAWK	*		7•••	. 30000	00 00	-					**************************************	1000		
SWAINSON'S HAWK		• 5		•	7••1	6				•9	•7 •			6 • 28
WHITE-TAILED HAWK	-	•11	9		1	1							•11	
ROUGH-LEGGED HAWK						2	7					30	••••	
FERRUGINOUS					-		+		-	-	-	,		12
HAWK		*14	_											
HARRIS' HAWK		i ING						19%		700		•	-	-
GOLDEN EAGLE			22.00	%12		F	-		- 5			8 ·15		4
	+	640000	Later Comments	maxas	G WWW	20 1003	200		••••		-	715	100000000000000000000000000000000000000	200000
BALD EAGLE	- 1		••••				-	-					- PROGRAMOSTALITY	

SPECIES		JAN	FEE	MAI	RAPF	MAY	NUL/Y	JUL	AUG	SEF	/oc	r/NO	V/DE
MARSH HAWK						eriotic :	25	28•	•••	98			
MANSH HAVEK					60000					2			
OSPREY	*	••••	200,000			1	••••	••••	••••	2260000	2000		10000
			•4		21*	••17		*16	•9	•14	5***	••12	
AUDUBON'S CARACARA	*	••••	****	••••	••••	••••	••••	••••	••••	••••	••••	••••	•••
PEREGRINE FALCON	*				1					9			
MERLIN							• • 15			7			
AMERICAN	*							******				• • • •	
KESTREL GREATER PRAIRIE	*	FORM	IERLY	A PER	MANEN	T RES	DENT:	NOW E	XTIRP	ATED	N LOL	ISIAN	
CHICKEN			_										
BOBWHITE	*												
BLACK FRANCOLIN	*					-						-	
WILD TURKEY	*												
WHOOPING CRANE	*	FORM	MERLY	A MOD	ERATE	LY CO	MMON W EXT	RESIDE	D D	D WIN	TERV	SITOR	
SANDHILL CRANE	*	••••	••••	••••	••••	••••		••••			••••	••••	•••
KING RAIL	*												
CLAPPER RAIL	*												
	-		_			-		-					
VIRGINIA RAIL	*	2	No.		•	2	5			••••	9		tions:
SORA		T			2	7 7	4	20•	2		-		
YELLOW RAIL		•17		•14		1		-			6		
BLACK RAIL					••13							8	•••
PURPLE GALLINULE	*	••••									ACCUSATION OF THE PARTY OF THE	••••	
COMMON GALLINULE	*			2.50	17								
AMERICAN COOT	*				No.								
AMERICAN OYSTERCATCHER	*			26						§ 1	*	•6	
BLACK-NECKED	-		00000	63									
STILT AMERICAN						•7_			to the same of	•10			
AVOCET									5 5		5	11	9
PLOVER		•4			22	17	3004900	7	,			30	
			• • • 18	0.00									

SPECIES		/JAN	/FEB	/MAF	APR	MAY Y	/JUN	JUL	./AUG	SEP	/001	/NOV	DE
KILLDEER	*						22.00						
KILLUEEK							100	-	-				
PIPING PLOVER						- MI	••••	••••	8	12			
SNOWY PLOVER						29		18 🊃	T			2000	
AMERICAN			23			2	5			10:00			1
GOLDEN PLOVER				3	2	2				-4000	91254519	•2	2
BLACK-BELLIED PLOVER							26			22		2	2
HUDSONIAN GODWIT					17 🚟				6***		••••		
MARBLED GODWIT					•13		••••	••••	• • • • • •	•10			
ESKIMO CURLEW		FOR	MERLY	AN AB		NT SPR	ING M	GRAN	T: NOV		ALLY	EXTIN	T
WHIMBREL		••••	••••	•••			••••	••••	••••	••••	••••	••••	•••
LONG-BILLED CURLEW				2002									
UPLAND SANDPIPER				3 3		2 9	6 22*	•••	7 100 2		**16		
GREATER YELLOWLEGS					and the last		••19	20					• • 2
LESSER YELLOWLEGS			250	9		9		21 1			2	4	
SOLITARY SANDPIPER		••••	2000			SS 11	-	-			4	•••	•••
WILLET	*	_			-	- T			•7	*10		-	-
SPOTTED SANDPIPER						3	25	20		,,,			
RUDDY TURNSTONE		2000						••		•••1		63334	
WILSON'S PHALAROPE				21*			27	21	-	12		•••	
NORTHERN					30*	• 8				10-12			
PHALAROPE RED PHALAROPE										•10	12	_	••1
AMERICAN	*										•12		
COMMON SNIPE	-					•••	•••	8	14**				
SHORT-BILLED					2	_					10		
DOWITCHER LONG-BILLED								•••	10000000	0+15			
DOWITCHER	_												
RED KNOT										•18			
SANDERLING						Name of Street			28	0			-

SPECIES		/JAN	FE	3/MAI	RAPE	R/MAY	NUL/Y	JUL	./AUG	SEF	/oc	/NO	//DE
SEMIPALMATED SANDPIPER			-				-	-					
	_				1	•12		••••	2000		0000000		-
WESTERN SANDPIPER		-						4.0					
		Allenda		Secondino	20000	15	Commonts	16	2000000	011			00000
SANDPIPER						SHEET T	e e	156					
WHITE-RUMPED				12	• • 600	The same of		_	•13				
SANDPIPER			1			**17			1				-
BAIRD'S				14		STORES.	1	10	4		mm.	**17	
SANDPIPER						•10	-	ege-			• • • •		
PECTORAL			• • • •				17	11					2
SANDPIPER	_		•	11	1			21				12	
DUNLIN							****	•10		4 Million	-		
	_			_	-				-		25 •	•11	-
SANDPIPER		-	-			-	-	-		*13			
STILT		• 1		788			29	2			200000		28
SANDPIPER								24		1	ė		
BUFF-BREASTED				28	SCHOOL SECTION	15		1 200			2	5	
SANDPIPER					•7			1	1000	-	4		
POMARINE JAEGER				-	0***	•••1	•				-		
PARASITIC JAEGER		6**2	1.6		•11	•3	•4•2	1		•12	• 4	•14	
LONG-TAILED	-	1	-	-		24	-	-			-	_	-
JAEGER		_		+	-	-	-				_		-
GLAUCOUS GULL	_					2							4
						_			_				
HERRING GULL				-			***	••••	••••	••••	200		
	-		200				::::::::::::::::::::::::::::::::::::::		-			14	
RING-BILLED GULL					es a	-	S488.		11 8888		200		
	*				8				1 1 1 1 1 1	-	76		
LAUGHING GULL	^		29						6+11	•10	• 4		
	_	0000000000				••17		-	-	25			demand.
FRANKLIN'S GULL			29			- "						3 ;	27
BONAPARTE'S		NAME OF	-	-	-		14		29+	• • 900		-	-
GULL				2	0						8		VIA VOID
LITTLE GULL		_			31					-			
BLACK-LEGGED KITTIWAKE		•2			18++	26						-	1001
GULL-BILLED	*				_						10000		
TERN	_				-					*10			and the same
EODETED: - TEO:	*											_	
FORSTER'S TERN			HAND.	1888 2	5			23		-	CONTRACT OF STREET	***********	-
COMMON TERN	*	0.6054			STEEL STEEL		03000		31000		CHANGE !		1
COMMON TERM			•11	•11							••16		
ROSEATE TERN			•				•8	<u> </u>					U. L
	*				• 6	220000							•1

SPECIES		/JAN	I/FEE	MAI	R/APF	R/MA	Y/JUN	1/JUL	./AUG	SEF	oc.	T/NO	V/DE
BRIDLED TERN										0 -16			
										10.			
LEAST TERN	*	••••	• • • •	••••	20000	-				Mary .		••••	•••
						4				-	4		
ROYAL TERN	*					_							
government version and the					_	-				•10	_		_
SANDWICH TERN	*	20000	33333	-								-	
	_	_	_	_	-	_	-	-	_	•10	-	-	-
CASPIAN TERN	*												
		•3 •2		-	100	2	1	-	7		10	_	
BLACK TERN		••••	****	••••							****	••••	•••
		_	-	_	20		7	2		300	9		-
BROWN NODDY		-	-	-	-	-	-		•	30-10	5		-
	*		-					-			\vdash		
BLACK SKIMMER	-				-		-	• 9		0	.2		
ANCIENT			_			•6		- 8	,	J		_	-
ANCIENT MURRELET					-	-6		1					-
BAND-TAILED		• 2	1			•7							
PIGEON						•7					_		
DOCK Planes	*												
ROCK PIGEON								- Indian					
WHITE-WINGED	*			-	-	-	STATE OF THE PARTY OF			-	-	-	-
DOVE	U.O.									• 2	25	21.	• 1
	*												$\overline{}$
MOURNING DOVE													
MOURNING DOVE	_												
PASSENGER PIGEON	_		MERLY	AN AE	SUNDA	NT WIN	NTER R	ESIDE	NT: NO	W EXT	INCT		
PASSENGER PIGEON COMMON GROUND	*		MERLY	AN AE	UNDA	NT WIN	TER R	ESIDE	NT: NO	W EXT	INCT		
PASSENGER PIGEON		FOR		Sec.	JUNDA				VT: NO		INCT		1
PASSENGER PIGEON COMMON GROUND		FOR		15	ation and				NT: NO		4		_
PASSENGER PIGEON COMMON GROUND DOVE		*6 *11	• • • •	15		5	•••				4 28•	-	_
PASSENGER PIGEON COMMON GROUND DOVE	*	*6 *11	• • • •	15		5	•••				4 28•	-	_
PASSENGER PIGEON COMMON GROUND DOVE INCA DOVE CAROLINA	*	*6 *11	e e e e e e e e e e e e e e e e e e e	15		5	•••				4 28•	••••	•••
PASSENGER PIGEON COMMON GROUND DOVE INCA DOVE CAROLINA PARAKEET	*	*6 *11	***** ********************************	15 M		5	•••				4 28•	••••	•••
PASSENGER PIGEON COMMON GROUND DOVE INCA DOVE CAROLINA PARAKEET YELLOW-BILLED CUCKOO BLACK-BILLED	*	*6 *11	***** ********************************	15 A COM	MON P	ERMAN	NENT R	1			4 28•	16	•••
PASSENGER PIGEON COMMON GROUND DOVE INCA DOVE CAROLINA PARAKEET YELLOW-BILLED CUCKOO	*	*6*11	4ERLY 27•	15 A COM	MON P	ERMAN	NENT R	1	NT: NO	DW EXT	4 28•	16 6	•••
PASSENGER PIGEON COMMON GROUND DOVE INCA DOVE CAROLINA PARAKEET YELLOW-BILLED CUCKOO BLACK-BILLED CUCKOO	*	*6*11	***** ********************************	15 A COM	MON P	ERMAN	NENT R	1	NT: NO	DW EXT	4 28 • INCT	16	•••
PASSENGER PIGEON COMMON GROUND DOVE INCA DOVE CAROLINA PARAKEET YELLOW-BILLED CUCKOO BLACK-BILLED CUCKOO GREATER ROADRUNNER	*	*6*11	27• 27•	15 A COM	MON P	ERMAN	NENT R	1	NT: NO	DW EXT	4 28 • INCT	16	
PASSENGER PIGEON COMMON GROUND DOVE INCA DOVE CAROLINA PARAKEET YELLOW-BILLED CUCKOO BLACK-BILLED CUCKOO GREATER ROADRUNNER SMOOTH-BILLED ANI	*	*6*11	27° 27°	15 A COM	MON P	ERMAN	NENT F	1 ESIDE	NT: NO	DW EXT	4 28 • INCT	16	
PASSENGER PIGEON COMMON GROUND DOVE INCA DOVE CAROLINA PARAKEET YELLOW-BILLED CUCKOO BLACK-BILLED CUCKOO GREATER ROADRUNNER SMOOTH-BILLED ANI GROOVE-BILLED ANI	* * * *	FORM	27° 27°	15 A COM	MON P	ERMAN	NENT F	1 RESIDE:	NT: NO	DW EXT	4 28 • INCT	16	
PASSENGER PIGEON COMMON GROUND DOVE INCA DOVE CAROLINA PARAKEET YELLOW-BILLED CUCKOO BLACK-BILLED CUCKOO GREATER ROADRUNNER SMOOTH-BILLED ANI GROOVE-BILLED ANI	* * *	*6*11	27° 27°	15 A COM	MON P	ERMAN	NENT F	1 RESIDE:	NT: NO	DW EXT	4 28 • INCT	16	
PASSENGER PIGEON COMMON GROUND DOVE INCA DOVE CAROLINA PARAKEET YELLOW-BILLED CUCKOO BLACK-BILLED CUCKOO GREATER ROADRUNNER SMOOTH-BILLED ANI GROOVE-BILLED ANI BARN OWL	* * * *	*6*11*** FORM	27° 27°	15 A COM	MON P	ERMAN	NENT F	1 RESIDE:	NT: NO	DW EXT	4 28 • INCT	16	
PASSENGER PIGEON COMMON GROUND DOVE INCA DOVE CAROLINA PARAKEET YELLOW-BILLED CUCKOO BLACK-BILLED CUCKOO GREATER ROADRUNNER SMOOTH-BILLED ANI GROOVE-BILLED ANI BARN OWL COMMON SCREECH OWL	* * * *	FORM -6-11 -FORM -14	27° 27°	15 A COM	MON P	ERMAN	NENT F	1 RESIDE:	NT: NO	DW EXT	4 28 • INCT	16	
PASSENGER PIGEON COMMON GROUND DOVE INCA DOVE CAROLINA PARAKEET YELLOW-BILLED CUCKOO BLACK-BILLED CUCKOO GREATER ROADRUNNER SMOOTH-BILLED ANI GROOVE-BILLED ANI BARN OWL COMMON SCREECH OWL	* * * *	FORM -6-11 -FORM -14	27° 27°	15 A COM	MON P	ERMAN	NENT F	1 RESIDE:	NT: NO	DW EXT	4 28 • INCT	16	•••
PASSENGER PIGEON COMMON GROUND DOVE INCA DOVE CAROLINA PARAKEET YELLOW-BILLED CUCKOO BLACK-BILLED CUCKOO GREATER ROADRUNNER SMOOTH-BILLED ANI GROOVE-BILLED ANI BARN OWL COMMON SCREECH OWL	* * * *	FORM -6-11 -FORM -14	27° 27°	15 A COM	MON P	ERMAN	NENT F	1 RESIDE:	NT: NO	DW EXT	4 28 • INCT	16	

SPECIES		/JAN	/FEE	/MAF	APF	AM/	Y/JUN	I/JUI	./AUG	SEF	/oct	/NOV	/DE
SNOWY OWL			•1	7									8 2
								il Il second			nicezuri S		
BURROWING OWL					1	•		•	•		7 8600	130000	100000
			200	2	2							0	
BARRED OWL	*	يشاهي				_							
LONG-EARED OWL				*** 2	5	-	+	-	-	-	*2	0	22*
	-	ZI-			-	********				-			
SHORT-EARED OWL						********	1		-	-	15		
NORTHERN	_	-			-	1	- 00	-	-	-	30		29
SAW-WHET OWL					_	1							-
CHUCK-WILL'S-	+	••••		•						***************************************			
WIDOW	(1.57b)			28						week :	25		_
				• • 2003						12 330	200000		
WHIP-POOR-WILL		••••	••••	••	7						1	••••	•••
COMMON	*	••••	••••	••••	• •			0				••••	•••
NIGHTHAWK		•2	2		10								30
LESSER	- 100	•9	500		7	2	23	ë.		8	13	28*	•4•
NIGHTHAWK		702/735				0.000.000.00	18		1,000	00700000	1111000		
CHIMNEY SWIFT	*			6								10	
				10								•8	
VAUX'S SWIFT	-ATTIN	****	2000	3							14	-	1000
				≋3		-					14		
RUBY-THROATED	*		-										•••
HUMMINGBIRD	_	••••	••••	•							-	a	•••
BLACK-CHINNED HUMMINGBIRD		••••	••••	••••	**12	-	-		-	-		25*	27
BROAD-TAILED		•7			COLUMN 1								
HUMMINGBIRD		•7					1						•••
RUFOUS					15		65		26 •	• • •			200000
HUMMINGBIRD			00000		₩7			0.00	26*		25 8		****
BUFF-BELLIED HUMMINGBIRD		••••	••••	*** 2	8			A COUNTY	CONTRACTOR			23**	•••
BELTED	*				-				-			-	
KINGFISHER	_					1.000000000	W. C. C. C. C.	THE PERSON NAMED IN	200000000000000000000000000000000000000	00000			
COMMON FLICKER	*									-		- 45	
	-								MILES.		بصقار		
PILEATED WOODPECKER	*												
RED-BELLIED WOODPECKER	*												
RED-HEADED WOODPECKER	*												
YELLOW-BELLIED SAPSUCKER					-	<u>7</u>	12.5	(4) 241 (1)	1	0			
HAIRY WOODPECKER	*												
DOWNY WOODPECKER	*												
RED-COCKADED WOODPECKER	*				22.500	elegios.		20000					300

SPECIES		/JAN	/FEB	MAF	APR	/MAY	NUL/	JUL	AUG	SEP	OCT	NOV	//DE
IVORY-BILLED WOODPECKER	*			A COM					NT:				:
EASTERN	*											•••2	6
KINGBIRD				• • 888							****	28	
GRAY KINGBIRD					25•	••11		_				-	
TROPICAL KINGBIRD					_						•9		
WESTERN KINGBIRD	*	••••	••••	4			••••			5			•••
CASSIN'S KINGBIRD									_			• 7	
SCISSOR-TAILED FLYCATCHER	*							Total States		I I		2	1
GREAT KISKADEE	*		•14		••	•		•			•		*8
SULPHUR-BELLIED FLYCATCHER										•	30		
GREAT CRESTED FLYCATCHER	*		-	25							- 1 m	•••2	6
WIED'S CRESTED FLYCATCHER		•3 •	27				-					24 •	•••
ASH-THROATED FLYCATCHER		••••	••••	20-2	-	1.9				- 4	••••	••••	23*
EASTERN PHOEBE	*												
SAY'S PHOEBE		••••	••16							29 •	••10	23•	••••
YELLOW-BELLIED FLYCATCHER					•••2	6	8		9		2	1	
ACADIAN FLYCATCHER	*				11						•••	1	
WILLOW FLYCATCHER					28	12	••16	-	14		1		
ALDER FLYCATCHER						2 m 2	2		17	_	4		
LEAST FLYCATCHER		•1		30		16		17**	•••				•••
HAMMOND'S FLYCATCHER		•1	-	-									
EASTERN WOOD PEWEE	*	3+10		6 27						-		••11	21
WESTERN WOOD PEWEE											*10		
OLIVE-SIDED FLYCATCHER					22•	••• 2	3	31		7**2	***2	0	
VERMILION FLYCATCHER	01.01			3	338 17	-				16			
HORNED LARK	*		28								28	27	26
TREE SWALLOW	*								· ###	-			

SPECIES		/JAN	1/FEE	MAI/E	R/APR	MAY Y	/JUN	I/JUL	-/AUG	SEF	/oc	r/No	V/DE
DANIK CIWALLOW			A. C. C.	23	-	200000	1.9	4 - 1000	-		******	3000 ·	• 3
BANK SWALLOW					12	18		18		-	12	-	1
ROUGH-WINGED	*	100000	10000000	20			- '			-		200	000000
SWALLOW		COLUMN TO SERVICE SERV										24	200
	*	0000		0.000		10000	earnon	-	20			303	
BARN SWALLOW				20				25	3				28
		•:	23	1	2 =		_	8 18	*******				-
CLIFF SWALLOW		7			distribution of	#5		1	- Marie				1
	*	23.	. 200		- Make				-		••11		26
PURPLE MARTIN	- 52	23.		Lane.		=	-	-	Pome	-	• •10		+=:
11/10/4	*	_	170200		-					-			1
BLUE JAY	7												-
	*												
COMMON CROW	•								-	-			T
Stephen and the second	*												7
FISH CROW	~							-				-	-
	-												
CAROLINA CHICKADEE	*												
						Inches Control							
TUFTED	*												,
TITMOUSE	- 200												
WHITE-BREASTED	*												į.,,,,,,
NUTHATCH	_	100000				5 % A.M.		2000	1000	Sec. 25.2			
RED-BREASTED		••••	****	• • • •	• • • •	• 7		_		21 •		***	• • • •
NUTHATCH	_	••••	••••	****	***2	0			_	27.	• • • •	****	• • • •
BROWN-HEADED	*												
NUTHATCH				NAME OF STREET	The same of		100	1					
BROWN CREEPER		THE REAL PROPERTY.	STATE OF THE PARTY OF		12		100000000000000000000000000000000000000			1	0		
		10000	100000		12	3				0	11		
NORTHERN					5000	₩ 9				7			
HOUSE WREN					200.2	7				7			
WINTER WREN				3	2	3		12200	200-723		8		
WINTER WREN					4	Sonwall				1 %	17		
BEWICK'S WREN					2	0			•9	26 8			1
DEWICK S WHEN		CONTRACT OF THE PARTY.	-	SERVICE SERVIC	•9	9		Assessed 1	Section 1	26			
	*						77.5						T
CAROLINA WREN													
	*								-				
MARSH WREN	- 1	*******	·	and the same	2	7	-			19 33	Contract of the Contract of th		-
			2000000000	THE REAL PROPERTY.	-	••12		-	-		-		-
SEDGE WREN				****	** •19		_			1	20000		
NORTHERN	*				10						- massage		
MOCKINGBIRD	•												
	*			www.pap.w		200							
GRAY CATBIRD	~			2002005		-				CONT.			
		100000	6000000	20200000	22	3000							200
BROWN THRASHER	*		-						-				
									or the same	-			
CURVE-BILLED			- 0.00							26			7 • 31
THRASHER	-												
SAGE THRASHER		•2					•	26				•8 1	• 31
	100			9127222									
	*												

SPECIES		/JAN	/FEE	MAF	APF	MA'	A/JUI	UL/N	L/AUG	SEF	/oc	T/NO	V/DE
WOOD THRUSH	*	•3	5	-								-	
WOOD THRUSH		•3		181								1 - 188	8
HERMIT THRUSH						••15				26			
	_			_	_	1	-	+-	+	-	21		
SWAINSON'S THRUSH		-	-	31	20	19	30	-	1	12	15		2
GRAY-CHEEKED								$\overline{}$	1			29	1
THRUSH				_	22		26	_	31	26%	-	1	+
	_			311	100000		4	1	31			29	
VEERY		_		30	20	19	-	—	1 31	-	27	7.0	-
EASTERN	*			-	20	1/2		-		119	-	-	
BLUEBIRD	•			-				T. Carlo			CONTRACTOR OF THE PERSON NAMED IN		THE REAL PROPERTY.
MOUNTAIN	-	28*	*14				-		-	-	1		1
BLUEBIRD		28*	*14	_							110		
NORTHERN WHEATEAR					-		-			*12			-
BLUE-GRAY	*	-	-										-
GNATCATCHER				00000								-	
GOLDEN-CROWNED				00000	₩••2	4				-	•		
KINGLET			No. of Lot		-			-		1	15 機	SVAZEN.	-
RUBY-CROWNED			CONTRACTOR OF THE PARTY OF THE			11	1			17	NAME OF TAXABLE PARTY.		
KINGLET					-	25				291	200		
11/1						• • 14					200000		
WATER PIPIT					12						18		por
SPRAGUE'S		-	Name of	200000	2	-				201		-	-
PIPIT		18* 2	4			-			t	20.	304	• 3	
CERAR MANNES	_				400		18	!		27	100.00	-	
CEDAR WAXWING						2	-	ĺ	1		00000000	7 200	
LOGGERHEAD	*												
SHRIKE													
EUROPEAN STARLING	*												
					-				1				
WHITE-EYED VIREO	*			888									
VINEO	_			1000									
BELL'S VIREO	×	***17	_	18 •	-		2.55			11	_	110.5	1 20
						-	-		-	-	_	-	-
YELLOW-THROATED VIREO	*	••••									2	3	23
VINEO	-		3	200					-			5	
SOLITARY VIREO				Se Sent	-	%5		_	•\$ 1	2	5		in a
	-	MA CONTRACT	and the same		19				+	_	3	Section 2	
BLACK-WHISKERED VIREO				18 •	••	•••	••••	• 4		29			
RED-EYED VIREO	*	.3		15								8	
and the same of th				20 10								26	
PHILADELPHIA			•5		• 3333		30		2			12	•3
VIREO						*13			24		1000.2	6	
WARBLING VIREO	*	-=		4 2 2 2 2 2					-	Manual State		***2	4
				26						***********	13	100	
BLACK-AND-WHITE	*	••••				(100)					ACCUSED NO.		•••
WARBLER			6 • • •	• 920000	100	0,515			-	3	-	2	9 25
BACHMAN'S			27 .			• • • • •	•3						
WARBLER	- 1					•9			T				

SPECIES		/JAN	/FEB	/MAF	RAPE	MA'	Y/JUN	/JUL	./AUG	SEF	/oc	r/NOI	V/DE
GOLDEN-WINGED		• 5			2	1001	6		5	-	2	1	
WARBLER					13	12			15 9		WW 2	1	
BLUE-WINGED		777		22%	-	2	0	271	-	-	18		29
WARBLER				-			_	-	4		BURN (Ī
TENNESSEE			-				_			0	1-	••2	
WARBLER		_	-	2	61		_	-	-	5		1	1
	-			_	0	16	-	_	-	9		31	
ORANGE-CROWNED WARBLER					100	2	-		-	-	9		
	-					30	-	-	-	-	2 200		
NASHVILLE WARBLER				29)	T. Carrie	10			31	1	W35		19
LUCY'S WARBLER		_						_	_	_		_	30
MARKING AND IN A	+												
NORTHERN PARULA WARBLER	^				-		7						1
HANDERN	-	-	28 9	3							Station	•7	-
YELLOW WARBLER		••••	••••	••••		-	-	•				••••	-
	-	-	-	11		14		•		-	2	0	• 3
CHESTNUT-SIDED			_	21	00000	2 2		_	27	TO SEC.	12.00	1	-
WARBLER			_		6	17	7		27			27	_
CERULEAN				23 👑		-					11	8	
WARBLER		W		31	THE REAL PROPERTY.		•16	22	S. Princer	2	ò.		
BLACK-THROATED		•3	25 •		turantiti	2008 2	0			8 2000	000000		
BLUE WARBLER						-	Ī		1	-	2	-	
*	*												
PINE WARBLER													
	-					-							
YELLOW-THROATED * WARBLER	~	••••									•		-
	_		1	•						200	-	****	-
BLACK-THROATED		••••	••••	***2	_						3	****	•••
GRAY WARBLER				• 2	1						•5		
HERMIT WARBLER	Sin	•12		_	•2	-	-		-		-	_	
BLACK-THROATED		.5 .		14			24		2 0000	-		1006	23 •1
GREEN WARBLER	- 1			18			1		-	f free		water 1	_
	-			-				-		119		-	
PRAIRIE WARBLER	*	••••	••••							120	- ·	• • • •	***
WARBLER	-		-	25						30	-	_	-
CAPE MAY	- 1				5	15							_
WARBLER													
BLACKBURNIAN		•3	1	O	107	2	9		22	SHIP			.8
WARBLER	_ [7		2 (1888)	16				2 100	100 2	7	
MAGNOLIA		**12			323		28		30	200	-	8	3
WARBLER	_				16	THE 18	3			8		87	
					- 200	15	_		• 5	1588	-		
MYRTLE WARBLER						5	+16		• 5	16 388	A-100		
	-							_	_	_			
PALM WARBLER		- THE	200			85		-	29.	•••	A.	1	
	-				8		_		_		9		2000
BLACKPOLL WARBLER	i		-		22	13	26	_		• 17		-	
BAY-BREASTED		-				-							. 20
WARBLER	ł	-	-	-	16		28	-	-	21 33			
	J		-	-	1730	17							
C. Landing and Control of the Principle	7	••••	-	28								M#	_
REDSTART	4	_			7						ji)	37	•1
OVENBIRD		• •	••	• small	SEE NO.	SECTION SECTION	30		9		585	***	
	- 1			-	15	16			258			5	

SPECIES		/JAN	/FEE	MAF	APR	/MA	Y/JUN	/JUL	AUG	SEP	OCT	/NOI	DE
NORTHERN WATERTHRUSH		• •	••••	•••	The second second second	1		13				****	•••
	-	_			16	16	1	_	15		2	4	-
LOUISIANA WATERTHRUSH	*			10								5	-
WATERTHRUSH				14							2000	5	-
SWAINSON'S	*			218							-	27	_
WARBLER				30							15		-
WORM-EATING WARBLER	*	-		14						30 A A	2	6	30
	*			14	Ė					250000	12	-	20.0
PROTHONOTARY WARBLER	^	-	-	3 200						933	18	-	29 2
	_			5						300	15		
COMMON YELLOWTHROAT	*		200.00										
VENTUCKY	*		200,0000									5	
WARBLER	^	•2		195		-					16	-	
CONNECTICUT	7			12.000	27•	•1		_			6-9		
WARBLER	i				~-	_	1				6•		-
MOURNING	_				2 338888	200000 :	24		8 88888		18		
WARBLER	- 1				T		7 1			15 2			
MACGILLIVRAY'S	7						1 1					•15	
WARBLER	i	- 1	10-3		1		1 1			6			
HOODED	+	14*18		7						WIII THE	-	2	• 7
WARBLER		14 10		1588					10	-	TOTAL 2		
					• • 300	SALVANO.	• • 4		25•	• 800000			
WILSON'S WARBLER			•1	9			• 4		A	7 1000	MESS 2	4	
CANADA WARBLER				311	-		22		9		THE OWNER OF THE OWNER OWNER OF THE OWNER OWNE	*4	
				31	291	_	_		13 ****	to Land	STATE OF THE PARTY.	4	_
PAINTED	j											17 • •	•7
REDSTART	_						-				_	_	_
YELLOW-BREASTED	*	••••	****		W.							• • • •	•••
CHAT		• •		15	•		يفسون				2	7	
HOUSE SPARROW	*												
Dobouwiii	-		-				• • 16	*13	4		• 5	- 10.0	
BOBOLINK	3			1	19 🚟		23		-	30 *	-		
EASTERN	*				10 000							-	
MEADOWLARK	ି												
WESTERN	*			-		03888 4	7	•18			7		-
MEADOWLARK				40.77	-	-	1	-10					
YELLOW-HEADED		• 2	2					- E	•13	•11	5		•1
BLACKBIRD			1	27 •							• 8	•11	
RED-WINGED	*										_		
BLACKBIRD													
ORCHARD ORIGIN	*									and the same of th	2000.		
ORCHARD ORIOLE	5020		1	14			7				200000		
************	-	26.		••15		• 6						•9	28
SCOTT'S ORIOLE	j		1	13									
BALTIMORE ORIOLE	*						-			-	2000 ·		
BALTIMORE ORIOLE	2.00	••••									3		••
						• 10					21		
RUSTY BLACKBIRD					1	- 10	1 1					22	
BREWER'S	-		-			26		andano.	-	0.0224	5 10 10 10	-	
DUCALEU O	- 8			7.00	SCHOOL SECTION	100	1				2 000000	2	_

SPECIES		/JAN	/FEE	MAI	R/API	R/MA	Y/JU!	N/JUI	L/AUG	SE	oc.	/NO	V/DE
GREAT-TAILED GRACKLE	*	• •	••••	- M	-						••••	••••	•••
BOAT-TAILED GRACKLE	*	•7									-		224
COMMON GRACKLE	*												22•
BROWN-HEADED	*												
BRONZED COWBIRD	2			•14	12**		• 5			SULV.			3
				*14		22.1							
WESTERN TANAGER		-	-	••••	20000.000	• • • 2		<u>'</u>	30*	•••		••••	26
SCARLET TANAGER				27		13	31	•	26 30		14	•7_	28
SUMMER TANAGER	*		+		10	13			30			••••	:::
NORTHERN CARDINAL	*				100								
ROSE-BREASTED			••••	••••			• 8			22		g	
GROSBEAK BLACK-HEADED	-/-	Stear act		0.010.00		2B	-		-		10		28
GROSBEAK	*		••••									2	•••
BLUE GROSBEAK	orate.	••		8		•	•••					# · ·	
INDIGO BUNTING	*	****	••••	•									•••
PAINTED BUNTING	*	••••	-	-	_						208 2	••••	•••
DICKCISSEL	*	••••		• • • •	:=							 	
EVENING GROSBEAK			10000	••••	••••	• • • 2	1	200				26 •	•••
PURPLE FINCH				0000 •	•••2							26 ·	
PINE SISKIN					_	••14					20	23	
AMERICAN	*		100.00	2	3							2	18
GOLDFINCH						18						13	
LESSER GOLDFINCH					•17								
RED CROSSBILL	-	•	27	20**	27								
GREEN-TAILED TOWHEE		io			*13		_					•4	28
RUFOUS-SIDED TOWHEE	*												
LARK BUNTING										•4			23
SAVANNAH							••17			18			
SPARROW GRASSHOPPER	*					14		••••	•1	28			
SPARROW											3 20		

SPECIES	/JAN	FEE	MAF	R/APF	MAY	NUC	JUL	AUG	SEP	/oct	NOV	//DE
HENSLOW'S					• • 15					18		
SPARROW		_	24	-						24		
LE CONTE'S					26	- 12				6		
SPARROW				10			2			31		
SHARP-TAILED					••••	• 7			23 •	* * * *		
				-	-		_		23 •	•	_	22
SEASIDE SPARROW *												
					-	-						
VESPER SPARROW				26	-	-	- 45		,	18		
in the second second second			_	_					900	333 · •		
LARK SPARROW ^	_	_		•13		•2		24		14		
BACHMAN'S *	-								2000	1		
SPARROW											CONTRACT OF THE PARTY OF	-
SLATE-COLORED				• • • 2	5					5		
JUNCO				• • 14	8	Sec. 1				12	Sec.	
GRAY-HEADED JUNCO		•3	- 6							SIL		•1
	RROW NTE'S RROW P-TAILED RROW DE SPARROW SPARROW SPARROW SPARROW -COLORED CO HEADED JUNCO ICAN TREE RROW COLORED RROW SPARROW SPARROW SPARROW SPARROW SPARROW SPARROW SPARROW SPARROW E-CROWNED RROW E-CROWNED RROW SPARROW SPARRO											
AMERICAN TREE	_	• • • • 1	6							4.0	31	6 • 27
SPARROW	-											_
SPARROW								-		Sec.		
SPARROW	-	30		••••	*8		_		29•	••••	•••	
	•	30	-	-			_	-		-	• 13	
BREWER'S SPARROW	-	-	-	-		_	_				19*	•7
										-		
FIELD SPARROW *												
	OR OTHER	exet week		2						17	7 💹	TORON.
HARRIS' SPARROW				-	ř-						13	
WHITE-CROWNED	-		-		3885 17	,	Lanc			8###		-
SPARROW				3 000		1				28		1000
GOLDEN-CROWNED				• 2			L		55535	•	26	
SPARROW												
WHITE-THROATED				1000	****	30	•	•	12			
SPARROW					0.6	Zeyoo Z			12			
FOX SPARROW			Mary Control	•10						21•		· ·
LOV SLYUDOM	*******	200000	19								14 🗯	*
LINCOLN'S	-	******				30	Val-		25		0.00	
SPARROW	20030	100.00		14						11 🚃		
SWAMP SPARROW		_			13				25			
				1,0	8 5	-			- 8	10		
SONG SPARROW				_	30		*5		-	4		
				8			•5			23		
LAPLAND LONGSPUR				0	***						12	
	-											
SMITH'S LONGSPUR	••••	••••	•1			8					22**	···
				30			-	-			••••	
LONGSPUR				30		-		-		18.	100	-
	SPI	CIME	TAKE	NATO	OVING	TON O	N AN I	NSPEC	IFIED	DATE	_	-
SNOW BUNTING					-			-				