## SUMMARY OF SEASONAL OCCURRENCES

of

## LOUISIANA BIRDS

by

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## 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 596. 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	MAL	FEB					JUL	AUG			NOV	DEC
COMMON LOON						• • • •	2	3		В 🎆		
			***********	<b>****</b> 20	}					22 💥	_	• •30
RED-THROATED	••••	••••	• • 14		-							233
RED-NECKED GREBE												• 2
HORNED GREBE			<b>20</b>	) 10							8	
EARED GREBE					•	• •13				18		24 •
LEAST GREBE												+14 +14
WESTERN GREBE	****	••••	•••2	5								•••
PIED-BILLED GREBE	*											
YELLOW-NOSED .					•9							
GREATER SHEARWATER	<u> </u>				•3		•16	• 11	4•5			
AUDUBON'S SHEARWATER			29 •		4				••15			
LEACH'S STORM-PETREL				-			<u> </u>		•2	3		• 5
WILSON'S STORM-PETREL				в • • •	• • • •				<b>9</b>			
WHITE-TAILED TROPICBIRD				[				•15				
AMERICAN WHITE PELICAN				1 403.50	***	• • • •	••••	•••	•• 🕾			
BROWN PELICAN	* *11								30			
MASKED BOOBY				1			••••	• • • •	••13 •13			
BROWN BOOBY	•		<u> </u>	•			•		•		•	
RED-FOOTED BOOBY											1+	
NORTHERN GANNET	••••	••••	••••	••••	• 5						29 *	•••

SPECIES	,	MAL	FEB	MAR	APR	MAY	JUN	JUL		SEP	<u>/ост</u>	/NOV	DEC
DOUBLE-CRESTED CORMORANT	*						••••	• • • •	• • • •	•			
OLIVACEOUS CORMORANT	*	• 20	0										
AMERICAN ANHINGA	*		4			*****							
MAGNIFICENT FRIGATEBIRD				**		• 2	6		•11	•18		****	••••
GREAT BLUE HERON	*												
GREEN HERON	*		25 🛚					n		**		-	
LITTLE BLUE HERON	*	• • • •		9 🕸	1.3					888	2	.6	• • • •
CATTLE EGRET	*												
REDDISH EGRET	*												
GREAT EGRET	*												
SNOWY EGRET	*			17									30
LOUISIANA HERON	*										• • • •	••13	
BLACK-CROWNED NIGHT HERON	*												
YELLOW-CROWNED NIGHT HERON	*			27			***			<b>*</b> 8			
LEAST BITTERN	*	••••	- 2					200	8	*		• • • •	•••
AMERICAN BITTERN	*						••••	••••	••••				
WOOD STORK		•		24	• • 15			21			28		-
GLOSSY IBIS	*												
WHITE-FACED IBIS	*												
WHITE IBIS	*			24								••••	
ROSEATE SPOONBILL	*									•1	6		
GREATER FLAMINGO		• 11											•6
WHISTLING SWAN			•••									15**	•••
TRUMPETER SWAN	-	• 7										•	
CANADA GOOSE		• 4		• ••11	CO CONTRACT	••••	••••	••••	••••	• • \$		• • • •	_
COMMON BRANT		15•17	7							<del> </del>	<u> </u>		30

BLACK BRANT					,	/ 3 4 14	/ 304	/~~~	/ JE.	,	,v	/DEC
DEXICIT BITTER										21•		
				<del></del> ,								
WHITE-FRONTED GOOSE			33.33	•	27 27				29.		3	
				_				••••	• 50000000			
SNOW GOOSE	•	•	٠	•	•	•	•	•	•	88	₩•	•
ROSS GOOSE	••••	•••2	3								24•	• • • •
BLACK-BELLIED TREE-DUCK											26•	20•
FULVOUS TREE-DUCK	*											
MALLARD	*		14			••••	••••	•••		•••		
BLACK DUCK			- L		16					7 30		
MOTTLED DUCK	*			23								
mot reed door.	<u> </u>				*2			26	• 1 (	B		
GADWALL				2		<b>13</b>		8 <b></b>		5		
NORTHERN	*							• • 💥				
PINTAIL				2	3				<u> </u>	5		
GREEN-WINGED TEAL				<b>33</b> 13	•3	23.	••••	• • • 🕸		245		
BLUE-WINGED TEAL	*							20			2	4
CINNAMON TEAL			***							20 •	• • • •	7
			<del>}</del>									
NORTHERN SHOVELER				1.0	6				25			
AMERICAN WIGEON				<b>#</b> 3		30	•	<u> </u>	11	16		
WOOD DUCK	*											
REDHEAD				2	2			27		i.		
				17		-	<del> </del>	<del>                                     </del>		3		*****
RING-NECKED DUCK		Ι'		388	27			-		3 333		,
CANVASBACK			88			• • • •			••••	28		
GREATER SCAUP				6	<u> </u>		•2	4			2	
LESSER SCAUP			3		· ·						4	
ELIGEN SCASI				20.00	• • • •	••••	••••	••••	• • 💥	888		
COMMON GOLDENEYE			8	2	2				<u> </u>		8 <b>3</b>	
BUFFLEHEAD			2	2 0	3	-		<del> </del>	<u> </u>	13	A	
OLDSQUAW					3						15 15	
HARLEQUIN DUCK				-1			Ϊ	<u> </u>		ļ		

SPECIES		JAN	FEB	/MAT	APR	MAY	JUN	JUL.	AUG	SEP	/ост	NOV	DEC
WHITE-WINGED SCOTER		• •	•	• •	•	• 1					17*		••••
SURF SCOTER	┪	•13		•	•	••13						8***	
BLACK SCOTER	+			•	•••	• •;	25				25*	2	4
								••••		-	- 00000000	• 2	4
RUDDY DUCK	*					12					4		
MASKED DUCK		+7			•3	• 5							23 •
HOODED MERGANSER	*												
COMMON MERGANSER			*******		11		•3		-		24 🛭		• • • 21
RED-BREASTED MERGANSER						*********	· • 2	2			25	9 333	
	*					1						- 2280	
BLACK VULTURE	*					1	Į.						
WHITE-TAILED KITE											•11		
	*		15 • •							•3	***2	4	301
	*		••••	• •									•2
GOSHAWK					4				25-50-60			<u>•</u>	30
	*	ent in				Ţ		• • • •			***************************************		30
HAWK	*						************	*******	•	• >>>			
COOPER'S HAWK	_												
RED-TAILED HAWK	*			<u>.</u>									
RED-SHOULDERED HAWK	*				<b>—</b>								
BROAD-WINGED HAWK	*	***	7•••	•							<b>14</b>		
SWAINSON'S HAWK		• 5			7••16	<u> </u>		ε	9		26	28*	6 - 28
WHITE-TAILED HAWK	<del></del>	•1:	e		1	<u> </u>						•11	
ROUGH-LEGGED HAWK				•••1	12						304	••••	12
FERRUGINOUS HAWK			••••		<b></b>								
HARRIS' HAWK					1		<u> </u>				•		
	_			12							8 📖		
GOLDEN EAGLE			1	1	1	•				l	•15	l •:	24

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SPECIES	_	/JAI	<b>√</b>	FEB	/MAI	R/AP	'R/		NOL	<del></del>		SEP	/oct	NOV	DEC
MARSH HAWK					· · · · · · · · ·		22	2	5	28*	•••				
OSPREY	*	•••	·				_		••••	• • • •	• • • •				
			-+-	4	ļ	21	_	• 17			5 *9		5***	••12	
AUDUBON'S CARACARA	*	•••	+	***	••••	• • • •	1		••••		••••	• • • •	••••		
PEREGRINE FALCON	*	8000000	88					<b>≋13</b>		ļ <u>-</u>		9			
7 ALCON									• • 15		+				****
MERLIN			~~		•••				4415			14**	***************************************	• • • •	••••
AMERICAN KESTREL	*														
GREATER PRAIRIE	*	FOR	ME	RLY	A PEF	MANE					EXTIR	ATED	N LOU	SIANA	
CHICKEN	*		1								<u> </u>				
BOBWHITE												**********	**********		
BLACK FRANCOLIN	*														
WILD TURKEY	*														
WHOOPING CRANE	*	FOF	RM1	ERLY	а мо	DERA	TEI	LY CO UT NO	MMON W EX	RESIC	ED A	AIW DN	TER V	ISITOR	
SANDHILL CRANE	*	•••	•	• • • •	•••	• • • •	• •			••••	•		••••	••••	* * * *
KING RAIL	*				Ť .							\			
CLAPPER RAIL	*		4		-	F	=		-						
VIRGINIA RAIL	*	-					•	•••;	25				9 88		
SORA		2					* 2	7	24	20	•	3			
YELLOW RAIL		•	17		• 1			Γ'	-				6		21
BLACK RAIL					• • • •	16	13							8	••••
PURPLE GALLINULE	*	•••	_	•••	• • • 8								•	• • • •	
COMMON GALLINULE	*					vee Selections	ipa k								
AMERICAN COOT	*														
AMERICAN OYSTERCATCHER	7 1				26							1		•6	
BLACK-NECKED STILT	*	7	88					•7				• 10			
AMERICAN AVOCET												Ko la	5 🐃		9
SEMIPALMATED PLOVER		• 4				22	2.00	17	7		7 🎎			3Q	
WILSON'S PLOVER	*		••								<b>8 38 m.</b>			· ·	• • • •

KILLDEER  PIPING PLOVER  SNOWY PLOVER  AMERICAN GOLDEN PLOVER					3							
SNOWY PLOVER						200000000000000000000000000000000000000			3 3			
SNOWY PLOVER						00000000		oost 1.5 i	·.			
AMERICAN			***	8	•	••••	••••	8 ****	<b>38</b> 12			
AMERICAN	*****	*****			29		18 🊃					
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BLACK-BELLIED PLOVER					• 2			***********			2	,
HUDSONIAN	-			17 🧱		<u>5</u> 5		6***				
GODWIT				1.7 :20003		<u> </u>						
MARBLED	******				•	••••	••••	• •		****		
GODWIT				•13				<u> </u>	•10			
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WHIMBREL	• • • •		• • •	99000	3,233	••••	• • • •				• • • •	-
LONG-BILLED	******				*	23632383				-		*******
CURLEW	***********	90000	36070000		Ĺ							
UPLAND			3 🛭		2	6 22*	• • • 💥			••16		
SANDPIPER			3 %	8	<b>38</b> 9			7 3888 2	5	<u> </u>		
GREATER						••19	20				000	26
YELLOWLEGS					16	}		24 9			• • •	• • 20
LESSER YELLOWLEGS		**************************************	9		33 9 33 9		21			2	4	
SOLITARY			388		***	••••			1			• • • •
SANDPIPER		2			<b>33311</b>	• 4	•• 🚿	****		≋4		• •
*						_				I		
WILLET								•7	•10			
SPOTTED												
SANDPIPER				,	884 + 2		20					
RUDDY TURNSTONE		Bargio (Barri			8	•••	• • ***		• • • [	<u> </u>	50000000	Marific <u>adas</u>
				-200000000000	******		21.00		12	<del>-</del>	•••	Η.
WILSON'S PHALAROPE			21.		****		21		10-12	<del> </del>	-	
NORTHERN			<del>                                     </del>	30*	- 8		<u> </u>		•			
PHALAROPE			Ĺ.,									
RED PHALAROPE					<u> </u>	<u> </u>			- 10	§ • 12	29	• • 10
			1	<u> </u>	<b></b>				ļ	•12		
AMERICAN ★,		200		4								
WOODCOCK				40000000				14••		2000000 -		
COMMON SNIPE			1 1000014	2	2 2	•••1	1	14.	****	10		
SHORT-BILLED				-	Ē.,,,,	••••			***			
DOWITCHER				I					0.15			
LONG-BILLED					77.5	• • • •	•••					
DOWITCHER		ļ	<u> </u>	ļ	ļ	ļ—	<u> </u>		-	<u> </u>		<u></u>
RED KNOT				<b>********</b>	(100m)					<u> </u>		77
<del></del>		<u> </u>	<u> </u>	<u> </u>					*18			
SANDERLING								28	io•••		20	

SPECIES		JAN	FEE	MAI	RAPI	R/MA	4UL/Y	4/JUL	AUG	SEF	/oc	r/NO'	V/DEC
SEMIPALMATED SANDPIPER						•12		• • • •	20174				
WESTERN												5000000	50,000,000
SANDPIPER				, we logged to		15		16	200	2	<u> </u>		
SANDPIPER				L		2 100000	8	15					
WHITE-RUMPED SANDPIPER				16**		• • • 17	33.2	21	•13		-		ļ
BAIRD'S				14				10			-	••17	
SANDPIPER PECTORAL			• • • •		<u> </u>	• 1	<del>-</del>	ļ		14**	• • • •	• 9	
SANDPIPER		•	•	11	₩1	1	3 Z	21			1000	12	• • 23
DUNLIN						3000	•••	•10		4 8888	25 •	•11	
CURLEW SANDPIPER						-			ļ	*13			
STILT SANDPIPER		• 1		7****			29	12					28
BUFF-BREASTED				28		15	, ,	24		1	2	5	<del> </del>
SANDPIPER					•7		ļ	1			4		
POMARINE JAEGER				1		• • • 1	<u> </u>	<u> </u>		ļ		ļ <u>.</u>	
PARASITIC JAEGER		6**2	1* 6		*11	• 3	•4•2	21		• 12	• 4	•14	
LONG-TAILED JAEGER					•;	24							
GLAUCOUS GULL						2							4 %
HERRING GULL		******	30000000000000000000000000000000000000			. 2	•••	••••	****	••••		14	
RING-BILLED GULL				***	<b>8</b>		•	••••	11				
LAUGHING GULL	*		29						6+11	•10			
FRANKLIN'S GULL			29			••17			-	25		3 ;	
BONAPARTE'S GULL			<u> </u>	000000		***	••14		29+	• • 🥦			
LITTLE GULL					31				-		8		
BLACK-LEGGED KITTIWAKE		• 2			18••	26							••18
GULL-BILLED TERN	*									<b>-</b> 10			
FORSTER'S TERN	*	***************************************		2				23		-10			
COMMON TERN	*		•11		J	88.2-22		2.5				co-socialis Sociales	2. 2838. 20. 2838.
ROSEATE TERN	7		•	• 11			• g			1	••16		
SOOTY TERN	×				• 6								*15

SPECIES		/JAN	i/FEI	з/маі	R/API	₹/MA	Y/JUI	ומר/ו	-/AU	G/SE	P/oc	T/NO	V/DE
BRIDLED TERN		<u> </u>				1				10 -10	7		
LEAST TERN	*	••••	••••	• • • •						10•		••••	•
ROYAL TERN	*			<b>-</b>		4					24	-	-
SANDWICH TERN	*								<u> </u>	• 10			
CASPIAN TERN	*						<u> </u>		-	•10			
		•3 •2	2	19	1	2	21		7		1	1	
BLACK TERN		-		1	20		7	2			9		
BROWN NODDY				-				<u> </u>		30-1	6		
BLACK SKIMMER	*							• 9		۰ ۱۵۰	• 2		
ANCIENT MURRELET						•6							
BAND-TAILED PIGEON	·	• 2	1			•7	ļ	<u> </u>			ļ		•1•
ROCK PIGEON	*												
WHITE-WINGED DOVE	*										25	21•	• 1
MOURNING DOVE	*											210	
PASSENGER PIGEON		FOR	MERLY	AN AB	LUNDA	NT WIN	NTER R	ESIDE	יד: אס	W EXT	INCT		,
COMMON GROUND DOVE	*	•6•18		15							4 ****		200 0000
INCA DOVE								<u> </u>				• • • •	
CAROLINA PARAKEET	*	FORM	ERLY	A COM	MON P	ERMAN	NENT R	ESIDE	NT: NO	W EXT	INCT		
YELLOW-BILLED CUCKOO	*			• • • • •								16	• • • •
BLACK-BILLED CUCKOO		-			21		6		24		18	6	
GREATER ROADRUNNER	*										18		dadaa.
SMOOTH-BILLED		14**	•8					• 18	3				
GROOVE-BILLED	*	2.0											777 S.
	*	3•8								•8	• 7 3		• • • •
BARN OWL	- {												
COMMON	*												
		2											

SPECIES		/ian	/===	/MAI	ADE	/140	Y/JUN	7 1111	/4116	·/ess	/00	- /4:03	./5=0
SNOWY OWL	-		•1	f e	7	7 141	17331	301	7.00	JE	700.	/ 100	/ DEC
BURROWING OWL					1	•	•	•	•		7		
	*			2	2							O	
BARRED OWL									1				
LONG-EARED OWL		_	• • • •	•••2	_				•		• 2	0	22*
SHORT-EARED OWL					3		21			ļ	15 <b>30</b>		
NORTHERN SAW-WHET OWL													29
CHUCK-WILL'S- WIDOW	*	••••		28								••••	••••
WHIP-POOR-WILL		••••		• •	7					12			_
COMMON NIGHTHAWK	*		••••		• •							••••	• • • •
LESSER NIGHTHAWK		•9			7		3			8	13	28*	*4*16
CHIMNEY SWIFT	*			6 <b>***</b>								• • <u>10</u>	
VAUX'S SWIFT				≝3 ≅3				[ 			14		
RUBY-THROATED HUMMINGBIRD	*	••••	••••	•								***	
BLACK-CHINNED HUMMINGBIRD		•••	••••	••••	**12	<u></u>						25*	271
BROAD-TAILED HUMMINGBIRD		• 7	-										****
RUFOUS HUMMINGBIRD					<b>26</b> 15				26 •	• •	25 🗯		
BUFF-BELLIED HUMMINGBIRD		••••		••• 2	8							23••	***
BELTED KINGFISHER	*						200.0000.000	(	00.00000000000000000000000000000000000	2000			;
COMMON FLICKER	*							**********					
PILEATED WOODPECKER	*							007-07-7030		1.00			
RED-BELLIED WOODPECKER	*												
RED-HEADED WOODPECKER	*												
YELLOW-BELLIED SAPSUCKER						<u>™7</u> 29			1	0% <b>***</b>			
HAIRY WOODPECKER	*	00000000000	A0A3703400000						000000000000000000000000000000000000000				*****
DOWNY WOODPECKER	*		70.00	F 4, 38					10000000			eterio	
RED-COCKADED WOODPECKER	*												

SPECIES	_	JAN	FEB	MAR	APR	MAY	אחר	JUL	AUG	SEP	/ост	NOV	DEC
IVORY-BILLED WOODPECKER	*	FORM	IERLY OW EX	A COM	MON PI LY RAF	ERMAN RE OR	NENT R	ESIDEN	NT:				
EASTERN	*		6	••								• • • 2	б
KINGBIRD			6	• • ***								28	
GRAY KINGBIRD					25+	• • 11							
TROPICAL KINGBIRD											+9		
WESTERN KINGBIRD	*	••••	••••				****		••	5	2		•••
CASSIN'S KINGBIRD					_							• 7	
SCISSOR-TAILED FLYCATCHER	*				2							2	1
GREAT KISKADEE	*		•14	•	• •	•		•			•		*8
SULPHUR-BELLIED FLYCATCHER										•	30		
GREAT CRESTED	*			2• 💥						86		•••2	6
FLYCATCHER				25							3 1 S		
WIED'S CRESTED FLYCATCHER		•3 •	27									24 •	••••
ASH-THROATED FLYCATCHER		• • • •	••••	20+2	1	1•9				4	••••	• • • •	23*
EASTERN PHOEBE	*			• •	• 7					1			
SAY'S PHOEBE		••••	• • 16							29 *	••10	23•	••••
YELLOW-BELLIED FLYCATCHER					•••	*****	8		9.3333		2		
ACADIAN	*	t			8							1	
FLYCATCHER	_				11			-			• • 1	9	
WILLOW FLYCATCHER					28	••12	• • 16		14		1.		
ALDER FLYCATCHER	-					2#2 •12		-	17		4		
LEAST FLYCATCHER		• 1		30		16		17**	1	15.	15		••••
HAMMOND'S FLYCATCHER		•1	7										
EASTERN WOOD PEWEE	*	3 10		6 27							-	• •11	21•
WESTERN WOOD PEWEE			-								*10		
OLIVE-SIDED FLYCATCHER					22 •	••• 2	23	31		7**2	2	0	
VERMILION				3	17					16	2		
FLYCATCHER					_	<del></del>					T		
HORNED LARK	*	••••	28								28	278	26•

SPECIES		/JAN	FEE	3/MAI	RAPF	MA	יוטנ/י	זטר/ו	./AUG	SEF	,\oc	r/No	V/DE
BANK SWALLOW				234			•9	4.				****•	• 3
<u>-</u>		<u> </u>		_	12	18		18	2000		<b>38 12</b>	ļ	<u> </u>
ROUGH-WINGED SWALLOW	*	200000000000000000000000000000000000000		888								32	
SWALLOW		*********		-	, ""								
BARN SWALLOW	*			_		****							*********
		ļ		20 💥	1	• •	1		3			• • •	
CLIFF SWALLOW		• 2	:3	}	2		• • 2	8 18-			•	+	4
	*	22	_ 2000000000	<u> </u>	9	85			5			74	26
PURPLE MARTIN	-	23 • •		L							<del></del>	<del>                                     </del>	20
	*	23.	7.00								**10	<u></u>	<u> </u>
BLUE JAY													
	*												1
COMMON CROW								L	7				L
FIGURA DONE	*			L									
FISH CROW													
CAROLINA	*		L										
CHICKADEE													
TUFTED	*												
TITMOUSE													
WHITE-BREASTED	*												
NUTHATCH													
RED-BREASTED					• • • •					21 •		• • • •	
NUTHATCH		• • • •		• • • •	•••2	o				27 •	••••	****	• • •
BROWN-HEADED	*												
NUTHATCH													
BROWN CREEPER					12			ļ	<u> </u>		0		
					12	•	ļ				11		1
NORTHERN HOUSE WREN						9				7			
1100BE MILEN	_					-				7	_		
WINTER WREN					**************************************						8		
				200000	2				•9	26 8	17		
BEWICK'S WREN				*******	• 9	0			79	26			
	*	000000000	. is, is, assessed	A-3A		_				20%	9888- **. ***		
CAROLINA WREN													
	*												
MARSH WREN	-				<b>****</b> 2	7				1938			
CEDGE MOEN		-				••12					100000		
SEDGE WREN			******		<b>***</b> • 19					-			
NORTHERN	*												
MOCKINGBIRD						-							
GRAY CATBIRD	$\star$				á.	_							****
		*****								****		****	
BROWN THRASHER	*												
CURVE-BILLED				ļ					•	26		-	7• 31
THRASHER								ļ					
SAGE THRASHER		•2					•	26				•8 1	• 31
	*												

SPECIES		JAI	N/FE	в/ма	R/API	R/MA	·γ/Jι	Jr/Nr	JL/AU	G/SE	P/oc	T/NC	V/DE
WOOD THRUSH	*	•3	5* * *								.]		••••
HERMIT THRUSH				18		• • • 1	5			26		•	8
	_	,	-			<u>2</u> 1	<u> </u>	<u> </u>		<u>.</u>	21		
SWAINSON'S THRUSH		-		3	20		<u> 30</u> 9	+	+	12	1	_	2_
GRAY-CHEEKED			1	-	7	- 88	26	+	31		_	129	+
THRUSH					22		25			26	_	L	
VEERY		<u> </u>	<del></del>	31			4	1	31	4		29	<b>_</b>
EASTERN	*	900000000			20	1	9		000000000000000000000000000000000000000	11	27		
BLUEBIRD													
MOUNTAIN BLUEBIRD		28	_				-			-			
NORTHERN WHEATEAR					<b>—</b>					•12			
BLUE-GRAY	*				J		<u> </u>			-			
GNATCATCHER											1.		
GOLDEN-CROWNED KINGLET					***2	4	<u> </u>				7 •		
RUBY-CROWNED				***			+	_			15 #	3 (X (X)	
KINGLET						≋311 285	+	<del></del>	+	17			
WATER PIPIT					•••	• •14					3 3888		
CTT 1 - 11 - 1					12		<del> </del> _				18		
SPRAGUE'S PIPIT		18• 2			2	6	├-		+-	20•			deser-
CEDAR WAXWING			_				1	<del> </del>	+	27		• 3	
					700	2 3		Ĭ.			338000000000000000000000000000000000000	7	
LOGGERHEAD SHRIKE	*								<u> </u>				<u> </u>
EUROPEAN STARLING	*												
WHITE-EYED VIREO	*						1.	-					
BELL'S VIREO	*	• • • 17	7	18•		****					1		
DELL'S VIREO		•		10 -			990000			11	-	<u> </u>	1 29
YELLOW-THROATED VIREO	*	• • • •									2	5	23
	-	00000000000	3 • • •	700					- 2		2	5	
SOLITARY VIREO	Ì			),300 - 1 8000 - 100	19	<b>28</b> 5	<u> </u>	+	• • • 1	2	5 MARKET		
BLACK-WHISKERED VIREO				18 •	••	• •	•••	• • 4	•	29	,		
RED-EYED VIREO	*	.3		15								8	
PHILADELPHIA VIREO	7		+5	20 <b>***</b>	• ***		30		2		2	:6 ∭12	•3
WARBLING VIREO	*					*13			24		2	6 •••2	4
BLACK AND WATER	-	• • • •		26⊗						***********	3		
BLACK-AND-WHITE WARBLER	<u>^</u>		5	20002120	0100			100000000000000000000000000000000000000			2.00	••••	9 25
BACHMAN'S	1				••••	• • • •	•3				**	2	# 20°
WARBLER						•9		1		•			

SPECIES	_	JAN/	EFR	/MAR	APR	MAY	/JUN/	JUL	AUG	SEP	OCT.	Nov	DEC
	۲.	5 (	/	, ,,, ,,,	****				3888		2		$\neg$
GOLDEN-WINGED WARBLER	ľ		二士		13				5 🚟		2		
BLUE-WINGED	Ī			22	8	2	2	27	6.: 1	333	<b>****18</b>	• 2	9
WARBLER	↓			30%	*****	2	<u> </u>	4	, 2000	700.00		<u> </u>	
TENNESSEE	L		<u> (</u>	2 ****	Ž.	2	2		$\overline{}$		_		• 1
WARBLER	4				6			-		_		31	
ORANGE-CROWNED	Ì	=7			2000000								
WARBLER	4	-										2	
NASHVILLE WARBLER	ŀ		-	29	<u> </u>	10			319				19*
LUCY'S WARBLER	ŀ							_					30 •
NORTHERN PARULA	*	••••	• • • 8	81							****		••••
WARBLER	1		28 9		,						200000	•7	••
	7			••••		100 e	+16					• • •	• • • •
YELLOW WARBLER	ŀ		-	11		14					2	••	• 3
CHESTNUT-SIDED	ヿ			21 🗯		2 2	2		27	6.J. 1998		1	$\perp \perp \mid$
WARBLER	ţ				6	17	,		27				
CERULEAN				23		-		• • ****		W 18		3	
WARBLER	╧			31		486	-16	22	8 (3.3%)	2	<u> </u>		
BLACK-THROATED BLUE WARBLER	٦	•3	25 •	• • • •		<b>&gt;&gt;&gt;&gt; 2</b>	0				*****		••••
							!			19 🎆	2	<u> </u>	┝─┤
PINE WARBLER	×												
YELLOW-THROATED	$\star$	••••	• • 8333	*									
WARBLER			1	•		,				****		_	
BLACK-THROATED		••••	• • • •	-	-	↓	-	<u> </u>	ļ <u>.</u>			****	••••
GRAY WARBLER				• 2	29		ļ	<del> </del>	<del>                                     </del>		•5	<b></b>	$\vdash$
HERMIT WARBLER		•12			• 2	0							<u> </u>
BLACK-THROATED		• 5 •		14 333			24		2 ****				23 -18
GREEN WARBLER				18 💥		11		Ī		1 18		1	Ż
PRAIRIE	*	•••		• • • •	T		1"		W.		•		••••
WARBLER				25			·]			30		<u> </u>	$oxed{oxed}$
CAPE MAY					5	<b>15</b>	5	<u> </u>			<u> </u>	1	
WARBLER							Ι	<u>L</u> .					
BLACKBURNIAN		•3		10	8 855	HAN.	29		22 💥	33	-	•••	• 8
WARBLER		<u> </u>			2 111	16	<u> </u>	<u> </u>	-	2		<del>1 -</del>	<b>-</b>
MAGNOLIA		••12	<u> </u>	21 💥			28	<u> </u>	30	<b>8</b>		_	3 * * *
WARBLER			<u> </u>	ļ	16 📟	1	8	├	-	8		7	<del> </del>
MYRTLE WARBLER						12					. *****		-
				-	13 2 15 21  22 20 27 18 3  30 20 4 14  22 9 31  22 9 31  20 9 31								
PALM WARBLER		22,000			8 g\$	<b>85</b>	+	-	29	•••			8 3 30 0
			111111111111111111111111111111111111111		8	1	+	<del> </del>		<del> </del>		\$ 50000000	
BLACKPOLL WARBLER		<u> </u>	-	$\vdash$	+	_	1	$\pm$	<del> </del>				
BAY-BREASTED	_				16					21 🛭		_	
WARBLER	_					1	<del>7</del>	<del> </del>	<u> </u>	<u> </u>	8		_
AMERICAN REDSTART	×	••••	-	28				7				7	•19
NEGOTARI		<b>.</b> -		•			%3C		9 2000		ومعروف	****	• • • •
OVENBIRD		<u> </u>	+	7 38333	\$ PL 800	10 10 10 10 10 10 10 10 10 10 10 10 10 1	_	+-	- 30000			25	1
<del></del>		L	<u> </u>		,	1	<u>~</u> .	<del></del>					

SPECIES	/AR	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	/ост	/NOV	DEC
NORTHERN WATERTHRUSH	• •	••••	••		18		13				****	••••
LOUISIANA	r		10	16	10			15			<u>4</u>	
WATERTHRUSH	`-		14								5	
SWAINSON'S	t l		218								27	
WARBLER			30							15		
WORM-EATING	۲		14	Ą						2	6	30•
WARBLER	<u> </u>	<u> </u>	14	š					********	12	ļ	L .
PROTHONOTARY * WARBLER	·	- 3	5 #							###18 ##15	•	29 <u>25</u>
COMMON ** YELLOWTHROAT												
KENTUCKY #	7 02		14			•				2	5	
WARBLER			19							16		
CONNECTICUT WARBLER				27*	•16					6• 9 6•		
MOURNING		1	2	*******	2	4		8	************	18		
WARBLER									15 200	Γ.		
MACGILLIVRAY'S											*15	
WARBLER	ļ									ļ	<u> </u>	
	14*1	8	7							×	× · · ·	• 7
WARBLER	1	<del> </del>	15#							2	1	<del></del>
WILSON'S WARBLER	•••	• 1	• • • •	• • ::::	•	• 4 • 4		25•	7****	· 2	4	
	+		318	******************************	2			9	7 344	SOURCE STATE	.4	
CANADA WARBLER		1	51,		17	-		13 ****			4	
PAINTED REDSTART						-					17 • •	•7
YELLOW-BREASTED				******								••••
CHAT	•		15.							2	7	
HOUSE SPARROW												
BOBOLINK			1	• • 6888		••16	•13	4•••	30	• 5		
EASTERN			-	19	2	3			30	3		
EASTERN MEADOWLARK			1	f								-
WESTERN MEADOWLARK	*				17		+18			222		S0000000
YELLOW-HEADED				2	**16			*13	*10		•	•17
BLACKBIRD		22	27 •		110			13		8	•11	•1,7
RED-WINGED BLACKBIRD												
ORCHARD ORIOLE	• • • •	• • • •								•	• • • •	••••
SCOTT'S ORIOLE	26	• • • •	••15		• 6						•9	28•
BALTIMORE ORIOLE										-	• • • •	••••
	• • • •		•••		• 10				9030	<b>≋3</b> 21∰		• • •
RUSTY BLACKBIRD				1	- 10						22	
BREWER'S					26					5		
BLACKBIRD				14	<u>.                                    </u>				L	1	2	

SPECIES		JAN	/FEE	MAF	APF	MA'	יטנ/ץ	IUL/N	./AUG	SEF	/oc	r/No\	//DEC
GREAT-TAILED GRACKLE	*	• ••	• • • •								••••	••••	••••
BOAT-TAILED GRACKLE	*	•7											22••
COMMON GRACKLE	*												
BROWN-HEADED COWBIRD	*												
BRONZED COWBIRD				*14	12**	• • • •	• 5						31
WESTERN TANAGER		••	• •			•••2		3	30*	••		• • • •	26
SCARLET TANAGER				27 🛚	16	13	31	•	26 30		14	•7_	28
SUMMER TANAGER	*		• • • •	• • • •									• • • •
NORTHERN CARDINAL	*												
ROSE-BREASTED GROSBEAK		• • • •	• • • •	••••		16	• 8			22	2	5	28
BLACK-HEADED GROSBEAK		••••	••••	• • • •	• 3	8					0 🎆	2	
BLUE GROSBEAK	*	••••	••••	e			•••						••••
INDIGO BUNTING	*	* * * *		•	8							***	
PAINTED BUNTING	*	••••	• • • •	••••	•						2	3	••••
DICKCISSEL	*		• • • •	••••	•							***	
EVENING GROSBEAK		• • • •		• • • •		4	j					26 ·	
PURPLE FINCH			300 (888) 200 (888)	•	• • • 2!	5					_	7. 23	
PINE SISKIN						• • 14					20		18
AMERICAN GOLDFINCH	*					18	*****					13	
LESSER GOLDFINCH					•17	,							
RED CROSSBILL		•2	27	20**	27								
GREEN-TAILED TOWHEE	1				•13							• 4	28
RUFOUS-SIDED TOWHEE	*												
LARK BUNTING										•4			23•
SAVANNAH SPARROW						<b>**</b>	++17			18			
GRASSHOPPER SPARROW	*						•••18	••••	• 1	18			

	7	7	7	7	7	7	. /	7	7	/		Z
SPECIES	JAN	FEE	MAF	YAPE	<del>/                                    </del>	NUC	7301	/AUG	SEF	/ oci	r/NO	//DEC
HENSLOW'S SPARROW			<b>** 4</b>		• • 15					18 24		
LE CONTE'S SPARROW				$\overline{}$	<b>8</b> 6					6		
			Ц.	10	• • • •	• 7		ļ	22.5	31		
SHARP-TAILED SPARROW				F\$(2000)		-			23			22*
SEASIDE SPARROW *												
VESPER SPARROW					30		2	* * * *	•••			
	**********	27. Car	2		-			ļ		18	1	
LARK SPARROW *	• • • •		****	13		•2	i	24		14	26	• • • •
BACHMAN'S *												
SLATE-COLORED		. 20.10.3		•••2	_	i		20000000	\$2500 discount	5 8888	200000000	70000000000
JUNCO JUNCO				••14	Ť	$\vdash$		<u> </u>		12		
GRAY-HEADED JUNCO		•3										•15
AMERICAN TREE	27*	• • • • •	<del> </del>				_				31 (	• 27•
SPARROW	27 *		Ĭ	İ								
CHIPPING *										[ <sup></sup>		-
CLAY-COLORED SPARROW		30 30		••••	•8				29•	• • • •	• • •	
SPARROW	<del>  '</del>	30		-		-	<del>                                     </del>				19*	•7
BREWER'S SPARROW											137	7
FIELD SPARROW *												
HARRIS' SPARROW			••	• • • 2	9		-				7 3	••14
WHITE-CROWNED					**** 17	<del> </del>				8		
SPARROW				****	P					28		
GOLDEN-CROWNED SPARROW				• 2	0			-		•	26	
WHITE-THROATED					****	30	•	•	12			
SPARROW					⊚ 6			<b></b>	12			
FOX SPARROW			19	•10	<u> </u>		<del></del>			21•	14	
LINCOLN'S						30	İ		25 🤉	333300		
SPARROW				<b>3214</b>						11		
SWAMP SPARROW					## 13 ## 5				25	10		
50NG SPARROW					30		•5			4		
LAPLAND			2	8 0			•5			23	12	
LONGSPUR SMITH'S		••14							-		22**	
LONGSPUR												
CHESTNUT-COLLARED	••••	****	••••	30				-		18**	• • • •	••••
SNOW BUNTING	SPE	CIME	TAKE	N AT C	OVING	TON O	N AN U	NSPEC	IFIED	DATE		
	1	1	Ц.,					Ĺ				