

**NORTH AMERICAN SPRING MIGRATION COUNT  
JEFFERSON COUNTY, TEXAS**

SPECIES	15-May 1994	14-May 1995	11-May 1996	10-May 1997	9-May 1998	8-May 1999	13-May 2000	12-May 2001	11-May 2002	10-May 2003	8-May 2004	14-May 2005	13-May 2006	12-May 2007	10-May 2008	9-May 2009	8-May 2010	14-May 2011	12-May 2012	11-May 2013	10-May 2014	09-May 2015	14-May 2016	13-May 2017
WHISTLING-DUCK, Black-bell.	2	5	11	4	18	16		26	5	16	11	7	24	20	36	53	59	71	64	68	73	90	242	85
WHISTLING-DUCK, Fulvous	35	96	137	6	89	27	7	44	19	5	37	159	104	11	10	136	45	60	45	63	72	40	17	57
DUCK, Wood	5	3	4	11	8	15	4	8		9	4	14	8	6	8	6	9	2	3	7	6	5	7	19
GADWALL		1	12		2			2						2					2		4	3		
WIGEON, American														1								1		
MALLARD			3				2		1	6	1	5				4	2		2	3				1
DUCK, Mottled	14	66	166	44	154	90	28	40	54	58	41	42	36	19	25	26	67	77	32	44	37	56	21	46
TEAL, Blue-winged		7	141	221	330	97	51	49	52	115	60	27	53	59	47	43	96	83	96	263	245	271	150	88
SHOVELER, Northern			10		17	26	1		2	1	2	18	1	5	7	2		2	2	2	3	5	4	
TEAL, Green-winged		2	2			2			1					2			2							2
DUCK, Ring-necked			1						3	2														
SCAUP, Greater					2					1														
SCAUP, Lesser		15	3	4	13	3		3		3				3	1			1	6	2	3	4		4
MERGANSE, Red-breasted								1								1				1				1
MERGANSE species							1																	
DUCK, Ruddy	2	6		8	2			10		2			2	31	5	2		82	1			2		19
DUCK species													1						2					
BOBWHITE, Northern		6	4		7	17	2	20	3	6	25	8	11	5	1		7	5	11	3	10	15	12	4
LOON, Common					1									1				1		1	1		1	
GREBE, Least																				2				8
GREBE, Pied-billed	6	2	1	10	6	5	2	3		2	8	1	3	1	2	1		2	2			2	2	7
GREBE, Eared																								1
STORK, Wood																					25			
FRIGATEBIRD, Magnificent										18		1										2		
CORMORANT, Neotropic	30	146	71	37	43	195	56	90	81	398	377	218	81	115	300	275	458	141	120	110	71	83	448	315
CORMORANT, Double-crested	2		43	1	5	4		3		15		19	2	2		3		4	4	2		8	3	7
CORMORANT species										4	1	4			1		4				1		8	
ANHINGA	7	4	3	2	5	11	1	3	2	2	6	7	4	3	5	11	9	18	3	9	2	7	13	8
PELICAN, American White		50	40	34	21	35		3		16	1					19	7		60	11	25	31	32	
PELICAN, Brown		5			6	26	41		23	57	18	69	47	82	167	231	91	28	113	80	39	cw	28	85
BITTERN, American					1					1		1								2	1			
BITTERN, Least		7	2			7	49	10	4	1	15	7	2	1	6	5	12	3	5	6	11	10	11	11
HERON, Great Blue	5	9	20	14	3	38	11	7	10	6	7	11	5	13	24	16	18	14	12	30	11	25	13	21
EGRET, Great	108	116	266	150	68	375	170	125	283	268	239	160	149	125	339	325	266	149	163	214	83	164	109	156
EGRET, Snowy	51	116	83	52	109	425	155	124	96	94	183	169	96	66	283	137	141	168	122	189	84	86	93	109
HERON, Little Blue	34	163	93	112	65	243	58	53	61	47	48	46	45	34	44	57	64	175	62	27	76	35	55	102
HERON, Tricolored	17	65	35	12	17	451	29	22	29	38	61	46	31	25	64	72	94	77	36	55	50	57	50	51
EGRET, Reddish		2						1								1								
EGRET, Cattle	63	458	1326	437	549	1470	810	381	565	362	425	656	1002	338	942	471	522	615	835	866	1055	583	666	700
HERON, Green	3	6	30	25	18	76	50	57	42	57	52	28	26	25	39	46	44	59	49	42	33	19	34	36
NIGHT-HERON, Black-crowned	3	24	6	4	10	61	5	9	13	20	11	20	8	14	16	6	16	6	21	12	2	3	10	13
NIGHT-HERON, Yellow-crown.	45	17	79	8	152	23	27	18	43	63	29	26	30	36	33	26	34	64	70	35	40	42	65	23
NIGHT-HERON, species						1						5	1	6	1									
IBIS, White	110	601	703	395	222	87	23	21	57	191	90	386	134	411	655	801	238	272	113	145	91	279	116	185
IBIS, Glossy					1				2	1		2			1	2		2		3	2	1	2	1
IBIS, White-faced	15	193	381	261	100	94	74	41	73	266	16	98	33	13	38	38	29	33	52	141	89	32	41	29
IBIS, Plegadis				16	9	69	58	40	4	15	40	134	52	18	64	27	29	28	10	104	112	33	46	139
SPOONBILL, Roseate	20	62	60	13	19	162	34	57	90	163	146	125	33	31	131	24	128	28	20	21	18	75	20	21
VULTURE, Black		2	3	11	37	26	22	35	7	27	58	38	34	97	42	103	40	50	40	107	55	52	83	56
VULTURE, Turkey	3	6	5	14	27	69	20	26	18	23	25	48	60	37	41	56	75	59	50	51	60	89	147	96
VULTURE, species						15																		
OSPREY						1	1	1				2			2	1	2		1		1	1		6
KITE, White-tailed		1	2	1	2	1	2			1	1	4	1	1		1		1		1			2	
KITE, Swallow-tailed																	3					1	1	1
KITE, Mississippi																						2	9	6
HARRIER, Northern			1						1	1										1	4	2	1	
HAWK, Sharp-shinned	1	1	1	1				1									2	1		1			1	
HAWK, Cooper's							1	1	1											1	1	2	1	1
ACCIPITER species										1											1			
EAGLE, Bald																								
HAWK, White-tailed																			3	2	3	2	1	1
HAWK, Red-shouldered		3		5	5	6	8	9	3	2	12	7	8	8	8	6	10	12	14	14	9	8	11	23
HAWK, Broad-winged				1	2	2	2			3	2	2	1	1	2		1	2	3	1	2	5	3	4
HAWK, Swainson's		1			2	4	2	1	1	6	2	2	7	1	5	3	5	8	3	7	6	9	6	15
HAWK, Red-tailed		4	1	1	2	1	4	1	1	1		3	3	2	2		5	3	11	5	2	3	3	9
HAWK species										1											2			
RAIL, King		1	3	1			2		1			1	2			2	1	2	2	5	5	4	12	2
RAIL, Clapper	5	1	2		1	1	4	2	10	43	28	16	18	23	26	27	27	28	11	19	25	32	32	32

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RAIL, Virginia																					1	2		2	
SORA		1			6	3		2			1		2	2	3	1	8	17	5	14	50	3		13	
GALLINULE, Purple	2	4	6	1	3	5	4	2	8	9	20	23	17	10	8	6	17	38	22	21	32	19	45	20	
GALLINULE, Common	21	43	140	5	48	42	23	25	21	38	25	62	50	31	50	35	34	52	18	34	36	49	86	43	
COOT, American		14	144	14	53	75	40	25	3	2	3	24	63	48	13	7	38	27	46	41	63	118	72	28	
STILT, Black-necked	11	47	70	92	148	125	112	72	87	198	128	81	85	57	140	39	189	147	101	105	82	118	125	106	
AVOCET, American					139	10	150	43			12	17	30	18	31	7		98	50	8	52	81	20	10	
OYSTERCATCHER, American																				3	1				
PLOVER, Black-bellied	6	90	100	19	41	58	149	213	51	35	80	60	50	29	62	128	61	76	30	69	69	113	41	39	
PLOVER, American Golden		2			52	25	3			3							3			2	6	1			
PLOVER, Snowy				1	1						2	4		1	2	4		1		1	3	2	1		
PLOVER, Wilson's		1	3	2	4		3	4		3		1	1	4	1	1	7	5	12	10	10	8	8	10	
PLOVER, Semipalmated				2	8		4	4	11	4		4	31		4	16	8	7	4	7	14	6	10	15	
PLOVER, Piping		2	1	1	3						6	4			4	2					2	2	4		
KILLDEER	17	142	60	100	77	109	82	89	106	111	95	86	87	95	82	82	110	62	84	130	67	97	138	127	
PLOVER, species						1					2														
SANDPIPER, Spotted	3	7	1	51	17	13	2	7	10	12	12	10	16	41	41	13	8	21	26	27	23	12	22	15	
SANDPIPER, Solitary				1				1			2	7	1		3	2	5								
YELLOWLEGS, Greater	1	33	2	23	9	24	6		21	11	4	5	1	34	47	9	37	6	12	32	22	11	7	7	
WILLET	7	15	25	10	21	15	40	21	22	37	40	35	12	32	53	25	69	87	40	33	69	24	40	41	
YELLOWLEGS, Lesser	10	13	20	121	207	43	4	5	15	409	48	32	3	34	81	33	63	61	46	234	330	53	27	24	
YELLOWLEGS species											3				1		3		7	4		2		2	
SANDPIPER, Upland					2																				
WHIMBREL	10	19	192	20	33	111	28	32	47	264	204	8	33	51		16	385	130	44	7	121	82	70	21	
CURLEW, Long-billed						10			2	2	28	41	42					1	7						
GODWIT, Hudsonian		22	1	204	132	177	16		60	109	9	112	2	8	9	94	4	1	16	26		14	6	2	
GODWIT, Marbled				5	5			8				1								1					
TURNSTONE, Ruddy	24	150	77	46	56	356	24	23	80	20	59	75	38	16	48	32	74	53	16	27	76	47	70	30	
KNOT, Red		1	4	4			6		1	16															
RUFF																	1								
SANDPIPER, Stilt		6	13	590	323	61	254	183	503	1501	371	569	881	20	140	29	506	679	1	167	70	367	97	144	
SANDERLING,	30	605	105	195	405	119	50	25	202	60	325	300	126	166	514	227	230	50	147	183	136	274	129	301	
DUNLIN			10	6	200		194	228	37	69	49	632	355		14	217	49	438	38	103	170	30	77	23	
SANDPIPER, Baird's	2	3	3	3			3		12		7	7			1					7	4		7	2	
SANDPIPER, Least		18	6	200	304	174	50	156	211	251	30	316	204	28	63	126	72	325	27	89	45	145	74	46	
SANDPIPER, White-rumped	15	80		2005	497	1002	708	3	660	1000	561	271	615	124	313	144	909	458	61	828	448	527	202	446	
SANDPIPER, Buff-breasted		2			27	14		5		35			4	2						34	4		1		
SANDPIPER, Pectoral	1	56		53	138	110	10	35	4	58	8	70	34	8	4	42	88	304	38	116	38	5	27	3	
SANDPIPER, Semipalmated	13	8	5	12	3	19	11	6	6	50	541	10		65	8	381	11	128	90	294	23	5	51	75	
SANDPIPER, Western	2	30	8	380	16	101	326	643	282	502	15	302	80	10	16	98	45	43	15	19	3	6	24	13	
SANDPIPER, "Peep"					2	48	30	1040	100	6	50	3100	120		290	1151	660	460	109	227	100	65	117	49	
DOWITCHER, Short-billed			2		30	50		20	7	5	126	59			6	7	28		1	104	58	1	2		
DOWITCHER, Long-billed		5	1	20	41	105				3		4	20	4			62		1	3	8	18	12	2	
DOWITCHER, species						140	1006	2	3			40	13				114	51		56	17	3	28		
PHALAROPE, Wilson's		2	20	4	99	313	15	21	13	374	2	5	182	5	229	36	87	54	4	335	473	92	32	7	
GULL, Laughing	27	260	488	144	86	27	33	42	209	174	233	584	269	210	244	238	92	335	127	122	108	253	155	142	
GULL, Franklin's										1		16				1				5				1	
GULL, Ring-billed	1	4		1	11	2	17	2	1	34	55	68	2	1	12	20	7	13	3	3	12	3	7		
GULL, Herring		2		1	2	1	3	4	8	1	5	10	2		2	4	1	4			5	5	1	2	
GULL, Glaucous																									
TERN, Least	51	100	18	8	42	21	47	11	92	204	52	640	156	182	134	48	108	28	45	20	33	117	118	169	
TERN, Gull-billed	2	3			1	2						5			9	2			1	2	2		3		
TERN, Caspian	2	34	16	2	108	71	4	40	67	123	51	73	5	5	15	87	43	16	1	6	11	10		36	
TERN, Black	23	36	124	4	237	9	27	4	318	343	52	176	76	45	319	116	38	16	61	127	530	419	51	211	
TERN, Common	1	4	4	49	4	1	9	3		6	6	30		2	2					2	6	2	4	2	
TERN, Forster's	2	29	25	72	54	2	2	19	9	34	77	133	35	56	84	33	23	25	18	37	39	69	12	51	
TERN, Royal	4	25	100	15	49	46	18	12	4	87	270	266	15	131	197	342	147	41	2	50	87	12	6	378	
TERN, Sandwich				8	1							31					2	7		10	3			18	
SKIMMER, Black	22	2	14		12	6	1	84		11		2	6				6	47	2	6	133	2	5	293	
PIGEON, Rock	12	24	72	40	55	33	24	105	51	29	43	123	78	122	204	285	166	101	110	133	103	107	127	115	
COLLARED-DOVE, Eurasian						2	4	12	8	30		17	14	17	63	35	61	43	70	46	15	56	50	17	
DOVE, Inca		4	4	8	6	10	17	6	9	58	8	6	8	4			3	4		9	2	8	4	12	2
GROUND-DOVE, Common																				1					
DOVE, White-winged					1			3	11	6	38	46	36	34	62	102	54	97	104	47	136	151	254	112	
DOVE, Mourning	38	184	308	138	215	374	213	277	255	627	377	352	193	329	298	275	218	177	335	393	348	342	312	234	
CUCKOO, Yellow-billed	12	4	4	21	5	21	9	24	18	38	20	3	18	41	14	11	10	40	50	31	12	17	20	21	
CUCKOO, Black-billed														1						1					
OWL, Barn		1			4	3	1		4	4		1							5	1	cw	2		2	

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SCREECH-OWL, Eastern				1			1			2			1		1				1	1	1	1		2
OWL, Great Horned								1		2	1		1	4	2	1	2	1	2	2	cw	3	2	1
OWL, Barred		2	1	1			3	4	1	1		5	7	1	2	1	2	1	5	7	2	3	9	9
NIGHTHAWK, Common	5	8	10	6	12	17	17	21	10	11	6	47	7	20	10	8	10	38	69	61	33	20	65	43
WIDOW, Chuck-Will's-				1																				
SWIFT, Chimney	10	503	124	877	746	222	225	203	75	138	61	131	36	55	54	33	21	148	49	35	17	80	39	63
HUMMINGBIRD, Buff-bellied																					cw			
HUMMINGBIRD, Ruby-throated	2	3	4	11	4	15	17	32	5	11	9	49	5	33	24	12	16	13	50	21	16	10	8	3
HUMMINGBIRD, Species				2	1	1	4	1	1	1						1				1		3	2	
KINGFISHER, Belted						5	1	2		8	1	2	1		1	1	3	3	2	2	1	2		3
WOODPECKER, Red-headed		1	3	1	3	14	8	8		2	5		4	2	1	1	5	6	15	17	10	23	15	5
WOODPECKER, Golden-fronted																				1	1	2	1	
WOODPECKER, Red-bellied	2	7	4	19	13	59	36	44	26	49	32	25	42	28	30	32	21	39	52	31	32	49	39	37
SAPSUCKER, Yellow-bellied								1		1	1						1						1	
WOODPECKER, Downy	7	5	4	6	3	17	15	28	11	21	20	18	19	22	21	26	8	18	19	16	10	18	10	15
WOODPECKER, Hairy					1											1								
FLICKER, Northern	1					1																		
WOODPECKER, Pileated	4	3	2	3	3	8	3	5		1	3	7	5	11	4	7	8	16	10	12	12	6	12	8
CARACARA, Crested										2		2	1				4	4	1	1	7	8	9	12
KESTREL, American			1				1							1										
MERLIN																								
FALCON, Peregrine				4	1			1	1		1						1		1	1		2		
FLYCATCHER, Olive-sided					1		1					1				2		1	4		1	1		3
WOOD-PEWEE, Eastern	6	3	1	16	4	7	10	13	5	6	4	7	17	23	5	5	23	22	87	43	15	7	7	43
FLYCATCHER, Yellow-bellied	1		1	10	3	1	3							2	1	1	2	2	5	1		2	2	2
FLYCATCHER, Acadian	3			2		2		1	4	3	3	3	4	5	5	9	5	7	8	8	4	2	4	8
FLYCATCHER, Alder				2																				
FLYCATCHER, Willow				1					1					1					1					
FLYCATCHER, "Trail's"					1		2		1	1			2	2				3	4			cw	2	1
FLYCATCHER, Least		1		8	3		4					1	4	2			1	3	3	2		cw		4
FLYCATCHER, Empidonax			1	9	2	2	1	2			2	1	4	6	3	2	3	3	19	2	1	3	1	6
PHOEBE, Eastern				1					11															
FLYCATCHER, Vermilion									1															
FLYCATCHER, Great Crested		1		2		3	3	3		5	3	10	12	9	1	8	14	19	13	12	6	25	24	12
KISKADEE, Great																		1						
KINGBIRD, Tropical/Couch's																				1				
KINGBIRD, Western		1	2		9		5				1		3	2	1						1			3
KINGBIRD, Eastern	30	103	119	101	112	259	209	121	69	118	102	83	105	133	52	97	87	89	96	106	74	61	87	158
FLYCATCHER, Scissor-tailed	12	67	74	57	55	74	55	42	35	39	25	50	41	42	43	40	44	51	60	66	63	49	61	54
SHRIKE, Loggerhead	15	145	66	64	62	86	72	97	89	117	85	77	61	53	71	51	56	53	95	73	69	92	69	72
VIREO, White-eyed	3	38	2	4	12	24	9	11	5	15	24	16	25	28	20	24	18	15	16	28	20	34	43	37
VIREO, Yellow-throated				2		1	1	1				2	1	1	2		4	1	8	5	1	1	4	6
VIREO, Blue-headed																	1	1						
VIREO, Warbling														1					2	1	1			1
VIREO, Philadelphia				2		3	3	1				1	1	2		1	2	9	8	15	1	cw	2	12
VIREO, Red-eyed	2			37	3	13	17	7	6		6	10	21	30	4	9	8	51	101	62	7	28	42	29
VIREO, Yellow-green																								
VIREO, Black-whiskered																						1		
JAY, Blue	15	37	53	57	45	118	70	101	64	108	88	80	67	71	67	54	58	63	74	75	76	148	115	76
CROW, American		25	20	100	33	33	30	30	16	42	60	40	18	7	17	19	23	4	43	42	33	54	41	39
CROW, Fish	7	16	9	48	25	32	14	29	12	53	12	25	33	14	20	11	27	34	39	20	32	37	35	13
CROW, Species				30	6	4			9	12	14	11	11	11	7	2	3	10	11		1	5	36	20
SWALLOW, N. Rough-winged		18		1					1	2		16	2	22	8	48	31	9	8	56	4	13	2	4
MARTIN, Purple	17	75	117	84	69	166	303	161	128	198	148	93	304	161	360	121	110	152	203	212	188	113	113	110
SWALLOW, Tree		23	56	54	8	7	3	3	30	70	18	194	12	68	51	84	99	27	148	10	181	72	18	14
SWALLOW, Bank			10	1	72	75	1	1	5	9	249	21		8	5	3	29	18	111	5	71	1	cw	1
SWALLOW, Barn	16	78	537	184	167	250	162	342	214	250	271	224	175	385	211	407	650	217	279	473	280	428	173	199
SWALLOW, Cliff	30	20	64	4	6	30	36	72	25	15	56	540	291	159	764	758	470	1234	594	276	611	1389	2054	1102
SWALLOW, Cave	15	4	2	1	2	1	1	2				1				2			54	9		11		2
SWALLOW, Cave/Cliff														606										19
SWALLOW species									4				1		3		1	7	200	53		122	15	
CHICKADEE, Carolina	6	17	8	17	42	57	40	50	11	33	17	20	78	67	42	46	33	49	54	24	32	66	61	39
TITMOUSE, Tufted	1	19	2	21	5	53	22	27	4	18	12	14	32	17	18	12	13	16	12	14	13	23	11	5
WREN, Sedge									1			1			4		3				2			
WREN, Marsh	2	16		1	8	4	2	4	1	2	4	8	1	1	10	2	8	7		5	13	18	48	26
WREN, Carolina	2	3	2	14	3	45	16	38	15	40	23	22	34	56	65	38	25	42	29	25	25	21	23	20
GNATCATCHER, Blue-gray	1		2			5	3	1				1		3	4		4	5	5			1	2	2
KINGLET, Ruby-crowned																								

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BLUEBIRD, Eastern	1		3	5	2	1	3	4	16	9	13	8	51	8	18	12	10	27	50	9	20	26	10	10
VEERY				3	3	1	2	5	1		3		2	4		3		3	8	3	1	cw	3	1
THRUSH, Gray-cheeked				2	6	2	2	2	1		2	2	2	2		3	1	7	10	3		1	6	3
THRUSH, Swainson's	1	1		46	50	7	5	5	2		8		9	21	2	1	8	57	38	19	8	4	14	54
THRUSH, Wood				6	4	10	3	2	1			3	1	2	2	1	1	1	1	2		1	1	2
ROBIN, American	4	5	10	7	5	11	1	24	25	34	35	32	14	8	11	13	6	20	12	11	32	67	56	8
CATBIRD, Gray		3		33	51	17	6	5	5	10	16	33	17	20	8	28	15	13	16	28	19	16	20	19
THRASHER, Brown				2	1	6		6	2	3	1	6	8	3	13	5	4	8	12	16	15	19	9	11
MOCKINGBIRD, Northern	24	243	170	257	218	344	223	261	308	413	248	226	285	284	411	282	269	263	444	335	452	589	511	408
MOCKINGBIRD, Tropical																			1					
STARLING, European	50	218	222	192	150	310	230	478	362	790	240	282	227	259	456	271	235	201	301	170	209	484	404	292
WAXWING, Cedar		10		43	30	63	2	83		102	1			224	20		174	25	10	176	138	86	7	75
OVENBIRD				4	1			2		2	1	3		11		4	4	6	10	3	3	cw	3	1
WARBLER, Worm-eating																			1			cw		
WATERTHRUSH, Louisiana																			1					
WATERTHRUSH, Northern	2			4	4	1	1	2	1	5	4		2	2	3	2	5	1	9	6	2	1	2	2
WARBLER, Golden-winged																	1							4
WARBLER, Blue-winged																	3			2				
WARBLER, Black-and-white	1			12	2	3	5				2		1	13		5	3	5	8	2	3	2	12	
WARBLER, Prothonotary		1		2	7	6		3	5	6	7	3	4	11	11	11	15	17	7	15	12	12	17	9
WARBLER, Swainson's																					1			
WARBLER, Tennessee				2	1	3	1		2		4			9		1	3	9	12	14	2	1	2	12
WARBLER, Nashville																								1
WARBLER, Mourning													2		1		1							
WARBLER, Kentucky					1			1						1					1	1				
YELLOWTHROAT, Common	6	29	20	8	10	27	8	22	13	19	22	43	27	15	36	25	15	10	16	22	13	22	35	54
WARBLER, Hooded						2					1	1	5	5	5	2	3	2		3		4	6	1
REDSTART, American	1		1	64	2	6	15	4	4	2	3	2	7	40	4	4	9	30	29	30	8	6	8	47
WARBLER, Cape May						1														3				
WARBLER, Cerulean																	1							
PARULA, Northern	1	16	2	2	8	20	12	8	4	10	10	8	15	30	17	14	21	14	11	8	9	6	12	6
WARBLER, Magnolia			2	18	3	10	6	8		2	3	1	4	72	6	4	9	22	33	31	6	4	10	27
WARBLER, Bay-breasted				33	1	2	7	1	1	2	2			15			16	3	27	17	1	1	2	24
WARBLER, Blackburnian	1			5		2	4				1		2	9	1		2	3	28	13	3	2	1	15
WARBLER, Yellow	10			2	10	17	2	3	2	5	11	1	6	14	6	6	9	7	32	24	5	8	4	4
WARBLER, Chestnut-sided				10	1	3	2		1	1	2		1	9	2	1	8	5	17	12	2	1	cw	12
WARBLER, Blackpoll			1	5	1			2		4	5			2		2		1				2	cw	
WARBLER, Black-thr. Blue						1													1					
WARBLER, Palm										1										1	1			
WARBLER, Pine	2	1		1	2	35	12	7		2	2	4	21	17	18	18	11	7	11	4	4	3	15	10
WARBLER, Yellow-rumped						2	1		1			5												
WARBLER, Yellow-throated						1		1			2	1		6	2	2	3	2	3	2	1	2	4	1
WARBLER, Prairie			2	1																				
WARBLER, Black-thr. Green				2		3	5							8	1		3	1	8	12	5	1	4	6
WARBLER, Canada				1		4							1	1			5	1	17	5		cw		1
WARBLER, Wilson's					1	1																		
CHAT, Yellow-breasted			1	1							2	3		2	1	1	2		2	1			3	4
SPARROW, Nelson's								4		1		34		17	15	7	57	15		8	4	9	3	6
SPARROW, Seaside							35	5	7	12	13	4	6	14	15	16	12	17	9	19	16	23	25	39
SPARROW, Chipping					14																			
SPARROW, Lark					2	1													1				1	
SPARROW, White-crowned																								1
SPARROW, White-throated			1																					
SPARROW, Savannah		2	8	1	9	6		1	2	2	8	22		1	5	12	32	4	11	93	34	5	1	3
TOWHEE, Eastern					1																			
TANAGER, Summer		2		8	3	10	7	3		3	4	4	5	1	5	6	5	1	15	5	4	7	5	8
TANAGER, Scarlet				4	2	7	3	2	9		6	2	6	2	1	1	2	2	4	5	4	2	1	
TANAGER, Western					2								1											
CARDINAL, Northern	9	106	114	143	138	285	155	173	119	158	102	119	126	165	236	135	154	126	180	137	109	254	243	142
GROSBEAK, Rose-breasted				10	4	4	2	4	5	1	6		10	10	1		5	5	15	9	5	2	cw	9
GROSBEAK, Black-headed						1																		
GROSBEAK, Blue	2		2	3	5	5	2	1		1	14	4	3	6			3	4	1	18	4	7	6	17
BUNTING, Indigo	5	2	5	47	30	22	4	5	3	4	8	29	6	12	8	12	32	18	24	38	3	13	8	43
BUNTING, Painted	2	9	2	2	2	12	3	10	3	7	17	17	7	18	6	11	8	5	15	7	8	16	22	12
DICKCISSEL	9	147	323	214	241	345	56	45	43	67	132	92	73	66	120	64	200	143	125	128	108	103	86	180
BOBOLINK		2		5								1				35	29			14		1	6	1
BLACKBIRD, Red-winged	85	519	559	332	523	484	338	514	337	994	643	729	445	371	707	435	446	349	256	339	489	407	1115	375
MEADOWLARK, Eastern	13	165	127	58	86	197	78	83	77	34	93	64	32	61	77	14	55	31	141	76	87	119	83	103

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MEADOWLARK, species							2		5	13	2	23	31	20	17	46					1			
BLACKBIRD, Yellow-headed		1			53	2																	4	
GRACKLE, Common	12	105	115	171	186	271	173	261	276	306	255	149	176	196	269	123	147	96	308	212	143	240	180	148
GRACKLE, Boat-tailed	20	62	183	56	27	33	56	133	96	327	102	28	87	163	205	96	121	83	71	88	100	107	68	113
GRACKLE, Great-tailed	56	354	300	88	144	326	172	260	189	376	173	329	133	185	402	219	352	189	301	231	209	194	277	267
GRACKLE, Gt./Boat-tailed												11	14							10		55	2	8
COWBIRD, Bronzed																			2	8	1		6	1
COWBIRD, Brown-headed	4	50	23	48	25	58	72	66	41	128	113	77	70	79	53	60	164	99	81	134	123	86	197	82
ORIOLE, Orchard	14	13	47	31	17	33	29	48	35	52	45	109	56	71	64	138	112	36	45	56	42	39	49	47
ORIOLE, Hooded		1																						
ORIOLE, Baltimore				8	13		2		2	9	1		3	2		1	9	3	5	2	2		cw	5
FINCH, House			1		26	13	7	9	7	8	2	4	2		9	6	8	15	34	8	9	11	12	17
GOLDFINCH, American			1	1		11																		
SPARROW, House	7	56	84	107	37	174	114	184	105	489	132	133	91	154	197	152	164	223	200	132	152	244	232	100
TOTAL INDIVIDUALS	1457	7568	9086	10348	9251	12997	8797	8990	8329	15230	10213	16119	9867	8730	12851	11987	12629	12026	10040	12089	11345	12604	12551	11288
TOTAL SPECIES	106	139	133	168	176	168	164	162	144	165	167	166	164	174	165	166	181	183	189	197	186	180	176	192
CUMULATIVE TOTAL SPECIES	106	139	167	194	209	218	221	223	224	226	227	229	230	233	235	235	241	242	249					
Number of Observers	3	3	9	15	8	18	17	18	14	13	11	8	16	16	15	15	13	20	18	15	17	17	20	16
Number of Parties	1	2	6	9	6	13	13	13	8 to 9	9 to 10	8 to 10	7	8	12	10	10	8	11	10	9	9	10	12	8-10
Number of party-hours on foot	6.0	8.0	10.0	18.5	13.5	22.0	15.1	17.0	14.7	16.0	18.2	17.7	27.2	20.0	19.28	18.85	24.57	23.65	22.55	16.70	23.73	24.9	25.9	19.9
Number of party-hours by car	3.5	29.0	36.5	21.5	25.0	44.0	28.2	31.0	31.9	39.6	36.8	35.4	41.0	39.0	38.25	35.33	39.03	36.02	42.90	39.73	48.67	46.4	53.9	66.85
Number of party-hours by bicycle						3.0	4.5	2.0						0.5	1.00	1.00		0.50						
Number of party-hours by canoe							2.0					4.0		11.5	6.50	5.00	2.50	14.00					4.7	
Number of party-hours stationary						13.0	13.0	11.0	2.0	6.4	5.0	3.8							4.50	0.50	4.00	6.5		4.33
Total party-hours	9.5	27.0	46.5	40.0	38.0	82.0	62.8	61.0	48.5	60.6	60.1	56.9	72.2	70.9	64.03	64.53	65.77	74.17	69.95	56.43	76.40	77.7	83.8	91.08
Number of party-miles on foot	2.0	10.0	11.0	17.2	17.0	19.0	10.2	15.0	16.8	15.0	16.7	20.5	25.1	20.2	17.85	17.08	20.50	18.00	16.20	10.10	13.80	17.8	18.2	11.15
Number of party-miles by car	110.0	340.0	475.0	195.0	457.2	656.0	336.0	519.0	427.4	660.2	514.7	568.3	480.7	565.8	570.30	558.33	474.30	508.00	563.70	566.50	573.20	550.3	610.3	403.2
Number of party-miles by bicycle						10.0	5.7	8.0						4.0	4.00	4.00		1.00						
Number of party-miles by canoe							4.0																	
Total party-miles	112.0	350.0	485.0	212.2	474.2	685.0	355.9	542.0	444.2	675.2	531.4	588.8	505.8	590.0	588.15	584.41	494.80	527.00	579.90	576.60	587.00	568.0	628.5	414.35