

2017 Maryland May Count

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The annual May Count was held on Saturday, 13 May 2017, except the Talbot count was conducted on Sunday, 14 May, in order to provide adequate coverage to both that county and Dorchester. Results were submitted from 22 of Maryland's 23 counties (Table 1).

Table 1. 2017 Maryland May Count: participating counties, county codes, and compilers. (The dashed line separates the Western and Eastern Shore counts.)

County	Code	Compiler
Garrett	GA	Nadine Jakubowski
Allegany	AL	J.B. Churchill
Washington	WA	Mark Abdy
Frederick	FR	David Smith
Montgomery	MO	Diane Ford
Carroll	CA	Don Jewell
Howard	HO	Kevin Heffernan, Chuck Stirrat
Baltimore	BA	Joel Martin
Prince George's	PG	Fred Fallon
Anne Arundel	AA	Dotty Mumford
Charles	CH	Lynne Wheeler
Calvert	CT	Sherman Suter
St. Mary's	SM	J. Tyler Bell
Harford	HA	Rick Cheicante
Cecil	CE	Richard Donham
Kent	KE	Walter Ellison
Talbot	TA	David Palmer
Dorchester	DO	Harry Armistead
Caroline	CN	Debby Bennett
Wicomico	WI	Ellen Lawler
Worcester	WO	Marcia Balestri
Somerset	SO	Paul Bystrak

Weather statewide on 13 May was quite unseasonable. It was cool statewide, with lows in the 40s to low 50s °F. Garrett was coolest at 43 °F. Afternoon highs were mostly in the high 50s °F, although it did hit 70 °F in Cecil. Normal lows are in the mid 50s °F (except in Western Maryland) and highs in the mid 70s °F. There was rain in most areas during the morning, except in Harford and Cecil. On the Western Shore, there were mostly showers or light rain, although Howard did report 0.68 inches total. The rain was steady to heavy on the Eastern Shore in the morning, with Somerset reporting 0.7 inches, and then intermittent showers in the afternoon. Most areas were cloudy all day, although some afternoon sun breaks appeared in Western Maryland. Winds were generally fairly light – calm to 15 mph with a few higher gusts, out of the NW to NE.

A total of 416 counters in 285 parties reported 242 species (plus Lawrence's Warbler in Carroll) and 107,942 individual birds (Tables 2 and 3). Total numbers of birds seen were down about 15% from 2016, which was a particularly strong year. Numbers were not significantly lower than the three years prior to 2016.

Among the most notable sightings reported were 20 American Wigeon (Worcester), 106 American Black Duck (2 in Garrett, 1 in Montgomery, 1 in Calvert, 3 in St. Mary's, 5 in Talbot, 38 in Dorchester, and 56 in Somerset), 2 Common Eider (1 each in St. Mary's [Figure 1] and Worcester), 171 Ruddy Duck (reported from 10 counties, including 112 in Dorchester), 17 Black-necked Stilt (2 in Dorchester and 15 in Somerset, compared to 0 in 2016), 1 American Golden-Plover (Kent [Figure 2]), 25 Black Skimmer (Worcester), 287 Brown Pelican (133 in St. Mary's, 5 in Talbot, 143 in Dorchester, and 6 in Somerset), and 15 Yellow-crowned Night-Heron (1 in Calvert, 2 in Howard and 12 in Baltimore) (Tables 4 and 5).

Notable misses this year were Green-winged Teal, Northern Gannet (after a very high 218 seen last year), American Coot, and American Pipit.

Although most shorebirds were present in good numbers, Dunlin were significantly low. Hawk numbers were lower than usual, especially Sharp-shinned and Broad-winged. Flycatchers, with the exception of Eastern Phoebe, were another group present in smaller numbers than usual. Eastern Wood-Pewee and Acadian Flycatcher numbers were particularly low. Vireos were also low. Surprisingly, Tree Swallow numbers were much higher than recent years, while Purple Martins were lower. Warbler numbers were generally lower than last year, especially Common Yellowthroat, Northern Parula, and Prairie Warbler. Indigo Bunting numbers were quite low.

This was a fairly good count, considering the weather.

Table 2. 2017 Maryland May Count: Western Shore summary.

	GA	AL	WA	FR	MO	CA	HO	BA	PG	AA	CH	CT	SM	HA
Parties	23	9	7	15	4	12	54	35	22	17	12	10	10	5
Observers	38	9	14	18	4	19	73	41	33	26	19	14	12	25
Start time	0545	0500	0445	0430	0700	0630	0145	0133	0545	0600	0630	0615	0600	0700
Stop time	2325	1900	1700	2000	1830	2030	2100	2009	2030	1700	2045	2105	1915	1700
Driving														
hours	63.9	25.5	33.5	46.85	1	26	42.2		15.6	14.25	25.5	3.8	26	
miles	451.3	168	413	472.5	17	311	361.6		139.5	58	257	17	301	15
Walking														
hours	63.6	15	18	38.53	7	25.3	181.8	72	87.5	32.5	41.25	36	18.5	30
miles	48.4	14	13.5	26.72	4.5	27	132.2	61.31	72	29	24	27	21.3	8.5
Other	tractor						feeder watch				bicycle			
hours	1						18.3				3			
miles	7										2.5			
Owling														
hours	2	1	2	0.75			1.6		1		0.5			
miles	27		0.5	5					0					
Stationary														
hours	19.5	3	5.5	6.95		17.5		11.4	5.5	17.5	14	12	4.5	
Total														
Species	166	120	113	131	98	124	136	132	134	115	138	134	136	113
Individuals	6105	2713	1268	10274	790	6067	14376	4925	6479	3600	5842	4172	4174	1284

Table 3. 2017 Maryland May Count: Eastern Shore and total summary.

	CE	KE	TA	DO	CN	SO	WI	WO	Total	
Parties	4	1	10	9	13	4	6	3	285	
Observers	4	2	20	12	14	6	9	4	416	
Start time	0545	0630	0400	0330	0430	0530	0553	0842		
Stop time	1827	2015	2030	2100	2100	1830	1700	1839		
Driving										
hours			7.25	40	49	35	12	7.25	19	493.6
miles			42.5	282	566	359	131.8	135	103	4601.2
Walking										
hours		15	6	29	24	17	5.5	13.5		776.98
miles		11	3.5	12	44	12	5.5	4.75		602.18
Other						golf cart				
hours						1			23.3	
miles						0.5			10	
Owling										
hours			3.5	6		1			19.35	
miles			50	51		2			135.5	
Stationary										
hours	2.5	1			12	7.3	10.25		150.4	
Total Species	114	98	141	167	131	100	93	120	242	
Total Individuals	1244	3376	5680	10,846	7326	1741	1868	3792	107,942	



Figure 1. Common Eider (*Somateria mollissima*). Female; Point Lookout State Park, St. Mary’s County, Maryland; observed on 13 May 2017 and photographed on 14 May 2017 by Patty Craig.



Figure 2. American Golden-Plover (*Pluvialis dominica*) with Black-bellied Plovers (*Pluvialis squatarola*). Tolchester, Kent County, Maryland; 13 May 2017; photographed by Nancy Martin.

Table 4. 2017 Maryland May Count: Western Shore observed species.

Species	GA	AL	WA	FR	MO	CA	HO	BA	PG	AA	CH	CT	SM	HA
Snow Goose														
Canada Goose	203		152	353	10	387	702	202	207	163	288	69	113	37
Mute Swan				1										
Tundra Swan														
Wood Duck	101	16	10	40	13	8	46	21	76	13	47	12	11	2
Blue-winged Teal	1													
Northern Shoveler								2						
Gadwall									2					
American Wigeon														
Mallard	52	15	50	122	3	24	112	95	50	49	60	90	18	5
American Black Duck	2				1							1	3	
Canvasback														1
Redhead														
Ring-necked Duck	3			2										
Lesser Scaup									1					
Common Eider														1
Surf Scoter														
White-winged Scoter														
Black Scoter														1
Bufflehead										3				
Hooded Merganser	1				8		1		1		3			
Common Merganser	5			1	2									
Red-breasted Merganser		1									6			
Ruddy Duck	6	2	5					17			8	8		
duck sp.														
Northern Bobwhite			1								2		1	
Ruffed Grouse	5	2												
Wild Turkey	40	3	11	4			7	9	7		48			
Pied-billed Grebe					1									
Horned Grebe														1
Rock Pigeon	34	85	55	117		70	55	67	94	4	2	7	12	17
Mourning Dove	111	71	117	350	24	184	343	105	108	91	160	103	84	30
Yellow-billed Cuckoo	1	4		2	1		1	3	4	1	2	1		3
Black-billed Cuckoo	7	1		1					1					
Common Nighthawk					1		3							
Chuck-will's-widow														1
Eastern Whip-poor-will	1	1	2											
Chimney Swift	13	68	49	123	33	64	159	207	88	30	111	53	6	19
Ruby-throated Hummingbird	26	9	3	11	1	4	19	8	4	8	9	6	6	1
Clapper Rail														
King Rail									2					
Virginia Rail	3												1	
Sora	1						1							
Common Gallinule			1											
Sandhill Crane	1													
Black-necked Stilt														
American Oystercatcher														
Black-bellied Plover	3													29
American Golden-Plover														
Semipalmated Plover													1	15

Species	GA	AL	WA	FR	MO	CA	HO	BA	PG	AA	CH	CT	SM	HA
Killdeer	14	10	4	19		4	24	1	8	6	12	5	11	
Ruddy Turnstone	1													
Sanderling														
Dunlin													3	
Least Sandpiper	4	2		2					16		1	6	12	1
White-rumped Sandpiper	3													
Pectoral Sandpiper									1					
Semipalmated Sandpiper sandpiper sp.	6								3				38	
Short-billed Dowitcher	39													
Long-billed Dowitcher	1													
American Woodcock	3	1	2								3			
Wilson's Snipe														
Spotted Sandpiper	30	15	9	4	1	2	6	14	10		4	8	4	3
Solitary Sandpiper	10	4	2	12	3	3	55	2	17	8	5	2	3	
Lesser Yellowlegs	8	2		1			1							
Willet									3					
Greater Yellowlegs yellowlegs sp.	7	2											9	
Bonaparte's Gull	5	1						1						1
Laughing Gull									2		6	9	283	
Ring-billed Gull	1	28						165		20		55	34	
Herring Gull								11			19	8	13	
Lesser Black-backed Gull														
Great Black-backed Gull gull sp.								1		7	19	19		4
Least Tern								5						
Caspian Tern								1		1	5	1	4	
Black Tern														
Common Tern	1										3		3	
Forster's Tern	1								1	1	7	7	3	
Royal Tern												6	7	
Black Skimmer														
Common Loon	5	2	1								1	1	3	
Double-crested Cormorant	14		12	6	2	6	7	53	25	18	124	37	381	2
American White Pelican														
Brown Pelican													133	
American Bittern	1													
Least Bittern								1						
Great Blue Heron	4	1	9	24	2	7	32	12	21	38	31	19	48	4
Great Egret				2		1	3	1	1	1	2	1	5	
Snowy Egret										6		8	5	
Little Blue Heron								6						
Tricolored Heron														
Cattle Egret												1		
Green Heron	5	5	2	7	4	1	27	7	17	2	6	9	2	1
Black-crowned Night-Heron				14					6	1				
Yellow-crowned Night-Heron						1	2	12						
Glossy Ibis							1							
Black Vulture	5	2	19	62		86	136	26	49	44	180	33	47	5
Turkey Vulture	68	18	66	146	9	69	149	28	85	34	145	85	67	22
Osprey	5		1	3	2	1	38	29	51	39	254	62	50	4
Bald Eagle	6	2	3	5	1	6	9	11	21	6	85	13	11	3

Species	GA	AL	WA	FR	MO	CA	HO	BA	PG	AA	CH	CT	SM	HA
Northern Harrier				1									1	2
Sharp-shinned Hawk						1								1
Cooper's Hawk	2		1	5		2	5	2	1	1	1			
Red-shouldered Hawk	1		7	23	1	3	51	8	17	8	8	5	1	2
Broad-winged Hawk	7	1					1		1					2
Red-tailed Hawk	12	2	9	26		13	20	10	20	4	13	4	4	3
hawk sp.												1		
Barn Owl												12		
Eastern Screech-Owl	1					1	2				2			1
Great Horned Owl				1			1				1			
Barred Owl	5		5	6	3	4	2	7	10	3	3		1	1
Belted Kingfisher	2	2	3	8	2	13	18	5	6	6	5	7	3	2
Red-headed Woodpecker	8			12		5		3			2	1	2	
Red-bellied Woodpecker	38	34	30	93	20	78	228	49	72	62	45	56	12	7
Yellow-bellied Sapsucker	7					1					2			
Downy Woodpecker	34	15	20	47	11	44	98	33	22	30	15	25	6	5
Hairy Woodpecker	13	4	4	16	5	14	20	4	10	5		5	2	
Downy/Hairy Woodpecker														1
Northern Flicker	47	12	3	11	7	19	37	22	11	11	6	6	2	3
Pileated Woodpecker	18	9	13	23	3	7	52	15	18	11	20	11	1	3
American Kestrel	3	2		8		2	1	1	7	1	1	1	1	1
Merlin	2													1
Peregrine Falcon		4												
Olive-sided Flycatcher							1							
Eastern Wood-Pewee	3	4	5	15	1	5	19	7	6	9	11	13	4	4
Acadian Flycatcher		1	3	8	7	10	35	2	31	1	22	17	4	1
Alder Flycatcher	1	1									2			
Willow Flycatcher		2		1	1	2	2					1		1
Least Flycatcher	6	5		3		1	4	3			1			3
<i>Empidonax</i> sp.						1								
Eastern Phoebe	32	26	16	35	4	38	67	16	18	9	33	20	2	6
Great Crested Flycatcher	8	11	20	49	11	38	88	20	37	21	34	31	30	3
Eastern Kingbird	19	4	21	86		45	82	41	65		31	14	19	8
White-eyed Vireo	2	2	2	10		17	29	6	47	12	23	49	7	4
Yellow-throated Vireo	3	1	6	8	1	4	14	3	19	2	12	13	2	4
Blue-headed Vireo	25			4		1	2	2	5	5	1	3		
Philadelphia Vireo	1													
Warbling Vireo	1	7	18	37	3	5	23	19	8	1	2	1		1
Red-eyed Vireo	87	69	50	117	7	52	280	38	171	67	88	68	21	3
Blue Jay	107	37	57	152	11	138	379	81	65	76	48	54	42	35
American Crow	159	64	114	219	15	167	479	89	93	104	224	129	92	46
Fish Crow		2	12	71	1	40	63	16	32	10	15	16	9	3
crow sp.				44			210	10		13		1	5	
Common Raven	21	11	3	5		1	6		1		1			
Horned Lark			10	15		11	25		3			5		2
Purple Martin	2		21	27	3	18	55	41	15		163	46	31	8
Tree Swallow	154	49	65	192	6	294	239	76	490	33	73	40	12	58
N. Rough-winged Swallow	19	47	19	123	7	33	127	69	54	11	10	20	2	8
Bank Swallow	30	13		10		1		3	11			4		
Cliff Swallow	16	10	23	6		39	10		12					
Barn Swallow	338	145	88	364	16	304	371	122	227	237	192	193	171	62
Carolina Chickadee			32	138	17	83	261	84	92	89	86	87	40	9
Black-capped Chickadee	120	20	2											

Species	GA	AL	WA	FR	MO	CA	HO	BA	PG	AA	CH	CT	SM	HA
Tufted Titmouse	71	50	48	99	9	92	277	47	96	91	107	77	47	13
Red-breasted Nuthatch	5										1			
White-breasted Nuthatch	29	22	12	34	7	44	73	20	15	16	9	18	3	4
Brown-headed Nuthatch											2	5	4	
Brown Creeper	11	1								1	1			
House Wren	63	16	17	66	6	62	119	47	9	12	4	5		5
Winter Wren	3													
Marsh Wren	2							3	3	1	4	1	1	
Carolina Wren	26	45	47	178	21	78	313	57	127	59	120	95	30	8
Blue-gray Gnatcatcher	23	10	13	81	12	48	186	82	143	82	60	41	9	2
Golden-crowned Kinglet	5													
Ruby-crowned Kinglet	2	1				1		1		1		1		
Eastern Bluebird	35	20	69	147	2	101	212	56	92	49	110	71	28	22
Veery	2			5	1	26	8	7	8			14	2	1
Gray-cheeked Thrush				1					1			1	1	
Swainson's Thrush	2	2	1	7	2	9	16	10	9	2	1	4		1
Hermit Thrush	10					1					1			
Wood Thrush	23	14	37	118	16	74	195	26	86	29	39	44	13	5
American Robin	441	243	193	759	25	271	597	362	194	147	71	78	125	66
Gray Catbird	135	70	76	277	16	321	492	164	71	38	31	39	15	32
Brown Thrasher	42	24	19	57	1	36	35	5	26	4	31	22	37	2
Northern Mockingbird	1	20	59	113	2	55	160	40	43	61	103	45	52	21
European Starling	247	166	361	1186	6	445	805	291	315	192	296	191	166	134
Cedar Waxwing	4	9	6	76	42	36	224	35	155	55	121	25	43	4
House Sparrow	55	95	53	278	22	104	285	185	63	38	64	56	76	29
House Finch	30	46	40	145	9	120	168	76	58	49	45	48	37	8
Purple Finch	18			5	1	3	2		1	2				1
Pine Siskin	1													
American Goldfinch	197	106	127	295	38	234	415	112	89	94	122	91	13	6
Eastern Towhee	138	29	36	67	1	45	142	15	54	11	26	34	10	5
Chipping Sparrow	144	54	67	210	2	116	300	76	114	85	132	109	61	24
Field Sparrow	51	17	38	65		21	45	16	13	6	20	12	5	3
Vesper Sparrow	1					1								
Savannah Sparrow	6	1					33	7	18		8	5	3	15
Grasshopper Sparrow	1	3	11	21		4	27	3	10	4	14	9	23	1
Henslow's Sparrow	1													
Saltmarsh Sparrow														
Seaside Sparrow														1
Song Sparrow	161	64	24	164	10	92	138	30	26	50	5	20	23	14
Lincoln's Sparrow	2	1			1			1						2
Swamp Sparrow	27					4	15	11	3	2	7	2	1	
White-throated Sparrow	6			12	1	40	80	22	31	11	1	4	1	1
White-crowned Sparrow	6	10		4	1	5	4			1		1		
Dark-eyed Junco	6													
Yellow-breasted Chat	2	2	19	6		1	8		12	4	11	8	7	1
Bobolink	73	4	3	5		4	57	25	40	22	11	42	8	19
Eastern Meadowlark	18	7	12	40		6	15	9	10	5	8	9	31	1
Orchard Oriole	5	9	6	33	3	12	41	21	49	13	25	15	6	1
Baltimore Oriole	105	16	51	80	7	46	107	41	24	5	6	2		8
Red-winged Blackbird	398	115	21	571	48	184	626	181	427	189	276	232	210	59
Brown-headed Cowbird	16	20	35	111	6	63	210	61	116	47	60	69	42	8
Rusty Blackbird		8									2		1	
Common Grackle	182	110	217	443	26	113	167	85	143	167	263	260	628	39

Species	GA	AL	WA	FR	MO	CA	HO	BA	PG	AA	CH	CT	SM	HA
Boat-tailed Grackle														
blackbird sp.				8										3
Ovenbird	97	18	10	50	11	42	192	27	111	20	60	32	23	4
Worm-eating Warbler	1	5	5	5	1	5	13	1	4	2	3	2	4	4
Louisiana Waterthrush	2	5	3	11		7	38	5	10	2	13	8	3	3
Northern Waterthrush	18	3	2	5	11	3	13	10	13			2	3	1
waterthrush sp.														3
Golden-winged Warbler	2													
Lawrence's Warbler						1								
Blue-winged Warbler	3		4			1	4	3	9					1
Black-and-white Warbler	28		7	15	7	13	78	35	27	8	10	5		8
Prothonotary Warbler	2			9	3		1	1	3	9	7	1		5
Tennessee Warbler	5	2			2		2	1					1	
Nashville Warbler	3						3		2	2				
Mourning Warbler						1	2							
Kentucky Warbler	1		1				4	1	1	1	3	6	6	4
Common Yellowthroat	174	29	25	70	6	93	254	57	121	27	82	105	26	24
Hooded Warbler	10	5	5	8		3	2		10	4	30	22	2	
American Redstart	56	6	2	24	7	15	110	37	66	14	17	13	5	4
Cape May Warbler	6	1		5			3	2	2		2		2	2
Cerulean Warbler	12		1	1										9
Northern Parula	13	3	4	29	8	18	141	23	73	16	49	50	10	2
Magnolia Warbler	20	1		12	2	4	17	16	16	5	2	3	2	7
Bay-breasted Warbler	3		1	2	1	5	1	2	2					
Blackburnian Warbler	26	3	1	7		1	4	2	2	4	1			7
Yellow Warbler	75	25	7	50	5	25	91	34	29	5	10	18	8	9
Chestnut-sided Warbler	70	4	7	14	2		21	1	10			1	3	4
Blackpoll Warbler	5		1	13	4	7	27	8	6	3	20	20	2	7
Black-throated Blue Warbler	24		4	31	7	16	63	14	18	8	9	11	1	5
Palm Warbler					1	2	3	4						
Pine Warbler		2	6	5		4	4		18		15	9	8	1
Yellow-rumped Warbler	36	6	2	19	11	51	143	84	55	5	22	9		24
Yellow-throated Warbler	2		2	1			1	2			6	7	4	2
Prairie Warbler		2	14	4			16	1	8	2	13	4	4	
Black-throated Green Warbler	53	5	7	26	3	8	22	10	19	3	2	8	2	4
Canada Warbler	3			2	1		5	3	2			1	1	7
Wilson's Warbler	1	1		1	2	1	5	3			4			6
warbler sp.														1
Summer Tanager									16	1	10	19	5	
Scarlet Tanager	66	30	18	52	7	92	109	79	67	28	46	20	6	9
Northern Cardinal	100	100	133	459	53	250	853	161	207	257	219	180	133	80
Rose-breasted Grosbeak	72	5	5	12	3	18	20	4	8	7	5	4	5	4
Blue Grosbeak				5		1	12		35	5	24	16	24	1
Indigo Bunting	63	32	47	107	4	47	166	19	133	77	93	85	79	6
Dickcissel				1		3			2		2			

Table 5. 2017 Maryland May Count: Eastern Shore and total observed species.

Species	CE	KE	TA	DO	CN	SO	WI	WO	Total
Snow Goose				1				1	2
Canada Goose	17	56	111	291	127	83	125	129	3825
Mute Swan			1		1	5			8
Tundra Swan				2					2
Wood Duck	3	10	63	51	26		9	6	584
Blue-winged Teal									1
Northern Shoveler									2
Gadwall				2				1	5
American Wigeon								20	20
Mallard	11	25	75	232	37	9	46		1180
American Black Duck			5	38		56			106
Canvasback				5					6
Redhead				1					1
Ring-necked Duck		1							6
Lesser Scaup		1	2	2					6
Common Eider								1	2
Surf Scoter			67	3					70
White-winged Scoter				1					1
Black Scoter			22						23
Bufflehead			1					3	7
Hooded Merganser									14
Common Merganser									8
Red-breasted Merganser			1	3					11
Ruddy Duck		2		112		1		10	171
duck sp.				4					4
Northern Bobwhite			3	10	2		1	1	21
Ruffed Grouse									7
Wild Turkey	7	11	30	50	38		11	7	283
Pied-billed Grebe									1
Horned Grebe									1
Rock Pigeon		1	9	20	68	5	6	1	729
Mourning Dove	13	51	82	117	143	21	47	10	2365
Yellow-billed Cuckoo	2		4	4	2		1	4	40
Black-billed Cuckoo									10
Common Nighthawk	1				1				6
Chuck-will's-widow			7	7		1			16
Eastern Whip-poor-will					2				6
Chimney Swift	13	65	46	52	241		1	5	1446
Ruby-throated Hummingbird	2	3	9	12	12	3	4	2	162
Clapper Rail				10		2	3	1	16
King Rail								1	3
Virginia Rail		2	3	34		5			48
Sora									2
Common Gallinule				2					3
Sandhill Crane									1
Black-necked Stilt				2		15			17
American Oystercatcher				4				4	8
Black-bellied Plover		654	16	6	15	9	5	806	1543
American Golden-Plover		1							1

Species	CE	KE	TA	DO	CN	SO	WI	WO	Total
Semipalmated Plover	12	87	1	50	34	15	10	18	243
Killdeer	2	5	13	37	25	1	2	3	206
Ruddy Turnstone				15				53	69
Sanderling				6				2	8
Dunlin		6	7	195				209	420
Least Sandpiper	37	60	43	299	14		70	18	585
White-rumped Sandpiper				1					4
Pectoral Sandpiper	1								2
Semipalmated Sandpiper	1			78	12		3	86	227
sandpiper sp.				5					5
Short-billed Dowitcher		2		17		11		10	79
Long-billed Dowitcher									1
American Woodcock					2				11
Wilson's Snipe					8	2			10
Spotted Sandpiper			4	58	10		4	1	187
Solitary Sandpiper	1		7	12	3	1		1	151
Lesser Yellowlegs	21	19	4	35	17			8	116
Willet			1	50		34			88
Greater Yellowlegs	17	2	3	51	16	2	12	25	146
yellowlegs sp.		1							1
Bonaparte's Gull					2			1	11
Laughing Gull	90	2	331	1018	1357	353	111	415	3977
Ring-billed Gull	5	288	23	45	113		4	12	793
Herring Gull			20	85	2	25	9	192	384
Lesser Black-backed Gull								1	1
Great Black-backed Gull		1	11	21	2	2	2	29	114
gull sp.					4				9
Least Tern		7	14	8	4	3		17	58
Caspian Tern		4		2		7			25
Black Tern						2			2
Common Tern				11	2	5		30	55
Forster's Tern		23	12	89	10	32	6	32	224
Royal Tern			1	39			4	60	117
Black Skimmer								25	25
Common Loon			4	1					18
Double-crested Cormorant		26	688	160	22	24	69	130	1806
American White Pelican				1					1
Brown Pelican			5	143		6			287
American Bittern						1			2
Least Bittern				1					2
Great Blue Heron	14	18	93	92	26	12	31	4	542
Great Egret	3	1	9	72	1	34	3	7	147
Snowy Egret			11	38		21	2	29	120
Little Blue Heron				2				1	9
Tricolored Heron				1					1
Cattle Egret	11		13						25
Green Heron	2		11	16	5	1	2	1	133
Black-crowned Night-Heron								4	25
Yellow-crowned Night-Heron									15
Glossy Ibis			2	4	2	2		100	111
Black Vulture	3	35	33	37	86	2	11	6	907
Turkey Vulture	17	93	199	232	213	35	76	109	1965
Osprey	5	48	140	110	45	9	25	1	922

Species	CE	KE	TA	DO	CN	SO	WI	WO	Total
Bald Eagle	3	21	35	109	20	11	14	6	401
Northern Harrier				2		3			9
Sharp-shinned Hawk				3	1				6
Cooper's Hawk		1	2	4	3	1			31
Red-shouldered Hawk	4		1	1	5		2		148
Broad-winged Hawk	1								13
Red-tailed Hawk	5		9	10	5	3		2	174
hawk sp.									1
Barn Owl									12
Eastern Screech-Owl			4	3	2	1			17
Great Horned Owl			1		8				12
Barred Owl		3				8			61
Belted Kingfisher	3		1	5	3				94
Red-headed Woodpecker			2	14					49
Red-bellied Woodpecker	15	7	45	24	43	3	6	2	969
Yellow-bellied Sapsucker									10
Downy Woodpecker	5	5	15	14	16	3	7	3	473
Hairy Woodpecker			2	2	7			2	115
Downy/Hairy Woodpecker									1
Northern Flicker		1	4	17	12	4		1	236
Pileated Woodpecker	1	3	9	12	16	1	1	2	249
American Kestrel				2	2				32
Merlin				1	1				5
Peregrine Falcon									4
Olive-sided Flycatcher									1
Eastern Wood-Pewee	6	2	15	8	12		2	6	157
Acadian Flycatcher	6		1	4	5	2	3	7	170
Alder Flycatcher									4
Willow Flycatcher									10
Least Flycatcher									26
<i>Empidonax</i> sp.									1
Eastern Phoebe	4		5	3	25		1	2	362
Great Crested Flycatcher	12	18	63	103	78	20	26	14	735
Eastern Kingbird	11	22	25	47	26	5	8	3	582
White-eyed Vireo	9		10	15	12	9	14	13	292
Yellow-throated Vireo	3		2	3		2		3	105
Blue-headed Vireo			4		1				53
Philadelphia Vireo									1
Warbling Vireo	2	2	1						131
Red-eyed Vireo	35	24	39	26	38	4	11	10	1305
Blue Jay	16	15	34	54	91	3	17	2	1514
American Crow	30	21	112	189	87	26	36	43	2538
Fish Crow	11	10	20	10	21	1	9	4	376
crow sp.				81	17		7		388
Common Raven									49
Horned Lark	2	16	11	9	49		2	34	194
Purple Martin	2	59	129	137	129		22	52	960
Tree Swallow	45	50	258	682	223	29	4	72	3144
Northern Rough-winged Swallow	14	1	5	8	11		5	1	594
Bank Swallow	12	7	2	12	2			2	109
Cliff Swallow		6	3		5				130
Barn Swallow	28	113	195	467	172	40	47	99	3991
Carolina Chickadee	18	21	41	52	75	7	24	10	1266

Species	CE	KE	TA	DO	CN	SO	WI	WO	Total
Black-capped Chickadee									142
Tufted Titmouse	24	24	56	54	69	5	21	17	1394
Red-breasted Nuthatch									6
White-breasted Nuthatch	3	2	9	2	12		2		336
Brown-headed Nuthatch			1	3	83		11		109
Brown Creeper									14
House Wren	4		8	21	8	18	8	1	499
Winter Wren									3
Marsh Wren				2	38	1	47	1	104
Carolina Wren	11	38	57	84	61	7	35	17	1514
Blue-gray Gnatcatcher	16	10	2	35	8	2	2	28	895
Golden-crowned Kinglet									5
Ruby-crowned Kinglet									7
Eastern Bluebird	4	15	79	103	73	8	3	10	1309
Veery	8								82
Gray-checked Thrush	1								5
Swainson's Thrush	2		1						69
Hermit Thrush					4		1		17
Wood Thrush	32	11	47	5	17	1	2	8	842
American Robin	21	146	186	276	288	28	85	20	4622
Gray Catbird	26	6	32	36	50	3	9	1	1940
Brown Thrasher	4	16	29	16	25		6	2	439
Northern Mockingbird	7	33	66	90	82	7	15	12	1087
European Starling	15	114	154	425	853	37	221	93	6713
Cedar Waxwing	25	33	1	8	82				3 987
House Sparrow	6	82	29	57	121	2	5	20	1725
House Finch	2	23	20	12	54	9	11		1010
Purple Finch									33
Pine Siskin									1
American Goldfinch	6	39	42	71	81	5	9	9	2201
Eastern Towhee	9	8	6	26	11	5	1		679
Chipping Sparrow	18	51	123	108	100	13	32	41	1980
Field Sparrow	3		12	10	23		4	5	369
Vesper Sparrow					4				6
Savannah Sparrow	3		5	1			2		107
Grasshopper Sparrow	1	2	4	11	7		1	4	161
Henslow's Sparrow									1
Saltmarsh Sparrow				3		12			15
Seaside Sparrow				76		91	1	5	174
Song Sparrow	6	1	3	4	8	6	2		851
Lincoln's Sparrow									7
Swamp Sparrow	1	1	2	3					79
White-throated Sparrow	4	12	4	3	3	1			237
White-crowned Sparrow			1						33
Dark-eyed Junco									6
Yellow-breasted Chat	3		13	6	6	3		3	115
Bobolink	40			17					370
Eastern Meadowlark	1	1		25	5	8	1	3	215
Orchard Oriole	9	15	10	29	11	4	6	6	329
Baltimore Oriole	14	5	14	3	4				538
Red-winged Blackbird	35	179	385	928	305	207	65	51	5692
Brown-headed Cowbird	23	24	40	204	64	2	34	22	1277
Rusty Blackbird									11

Species	CE	KE	TA	DO	CN	SO	WI	WO	Total
Common Grackle	3	218	477	955	520	81	186	189	5472
Boat-tailed Grackle				27		11		2	40
blackbird sp.									11
Ovenbird	40		24	40	13	7	9	27	857
Worm-eating Warbler	7		5	6	2			8	83
Louisiana Waterthrush	3		1	2	1	1		4	122
Northern Waterthrush	2		2	2	1				99
waterthrush sp.									3
Golden-winged Warbler									2
Lawrence's Warbler									1
Blue-winged Warbler		2							27
Black-and-white Warbler	12	3	6	4	6		1		273
Prothonotary Warbler			1	7	11	1	2	7	70
Tennessee Warbler									13
Nashville Warbler	1			1					12
Mourning Warbler									3
Kentucky Warbler	1		3	2	3			3	40
Common Yellowthroat	18	17	76	125	29	28	12	7	1405
Hooded Warbler	8			1					110
American Redstart	17	7	11	11	1				423
Cape May Warbler			1						26
Cerulean Warbler									23
Northern Parula	6	6	3	8	15		2	5	484
Magnolia Warbler	12		8	1	1				129
Bay-breasted Warbler									17
Blackburnian Warbler			1						59
Yellow Warbler	6	2	10	10	3	1		5	428
Chestnut-sided Warbler	8		2	1	1				149
Blackpoll Warbler	4		5	2	10				144
Black-throated Blue Warbler	7	4	4	5					231
Palm Warbler						3			13
Pine Warbler	7	3	21	81	11	10	14	11	230
Yellow-rumped Warbler	9	2	11	10	22				521
Yellow-throated Warbler			1				1	8	37
Prairie Warbler	1		1	10	4	1	3	4	92
Black-throated Green Warbler	4		2	5					183
Canada Warbler	2			1					28
Wilson's Warbler			1						25
warbler sp.									1
Summer Tanager			4	23	2	1	8	15	104
Scarlet Tanager	21	6	11	4	7			2	680
Northern Cardinal	28	151	116	136	154	16	42	35	3863
Rose-breasted Grosbeak	2			1	1				176
Blue Grosbeak	2	12	31	48	34	1	5	10	266
Indigo Bunting	12	11	32	95	48	2	17	20	1195
Dickcissel				1					9