



MARYLAND'S 2012–13 CHRISTMAS BIRD COUNTS

CHANDLER S. ROBBINS

Following last year's warm and snow-less winter, this winter's Christmas Bird Counts (CBC) provided unusual excitement for the record number of participants. Every Maryland count turned up unexpected species as well as exceptional numbers of individuals of the expected species. For the first time in 32 years we asked the compilers of the 24 counts that are centered in Maryland to send us copies of their 2012–13 counts together with coverage details and names of observers. The response was overwhelming; every one responded promptly, provided the necessary information and responded to queries. Thus, for the first time in decades, you can compare the results of the count(s) you were on with those from other parts of Maryland months before they will be available through the new Audubon Christmas Count website. Remarkably, half the Maryland counts equaled or broke 100 species this year.

Although waterfowl numbers were not unusually high this winter, the species were well distributed because open water was available in every CBC 7½-mile circle. Even Garrett County observers found 16 species of waterfowl plus loons, grebes, and a cormorant. Ring-necked Ducks were found in every circle except Crisfield, Hooded Mergansers in 21 of the 24 counts, and Ruddy Ducks in all but Washington and Allegany counties. Mute Swans are still restricted to tidewater except for a single bird at Seneca. A Gray Partridge at Chesterville was not considered unusual because they as well as Ring-necked Pheasants are released locally for hunting; but the increase in Wild Turkeys (403 birds, 15 circles) is extraordinary.

Good numbers of Black Vultures, counts of more than 100 in almost half the circles, show the continued spread of this species, and the Turkey Vulture total reached a new winter high of 6109. Bald Eagles were found in every circle except Allegany County, with an impressive total of 1474 birds. There were 18 Merlins and 21 Peregrines.

As expected, Ocean City stole the show with lingering or wintering shorebirds, being the only count to report Black-bellied and Semipalmated Plovers, oystercatchers, willets, turnstones, Least Sandpipers, and dowitchers. They also discovered 2 Dovekies and 3 Razorbills.

Hummingbirds were detected on an incredible one-quarter of the Maryland CBCs, 1 Ruby-throat, 5 Rufous, and 2 *Selasphorus* sp. and, remarkably, 2 were not in the vicinity of feeders. The nocturnal counters heard 700 owls of seven species, dominated by 319 Great Horneds and 268 Screech-Owls. Pileated (683) and Red-bellied (3068) Woodpeckers were found in all circles, but the Red-headed (75) was restricted to seven. The sapsucker, often silent in winter, was detected in every county except Garrett.

Insectivorous Phoebes surprised counters on 16 of the 24 counts, and it was a great winter for Blue Jays (7391). Common Ravens continue to expand eastward. They have not reached Baltimore yet, but were found in all circles to the west of there.

As would be expected, many of the highest counts of common species came from Seneca, the circle with the most participants working in the most parties: Red-shouldered Hawk, Red-bellied, Downy and Pileated Woodpeckers, sapsucker, Blue Jay, titmouse, White-breasted Nuthatch, Brown Creeper, Carolina Wren, both kinglets, bluebird, Red-wing, and Purple Finch. However, Bowie, the count with the largest number of party-hours on foot, had the highest totals for Cooper's Hawk (tie), Rock Pigeon, Mourning Dove, Monk Parakeet, Hairy Woodpecker, flicker, American Crow, Winter Wren, towhee, both crossbills, Lincoln's Sparrow (tie), White-throat, junco, and Cardinal.

To get an idea of which species have been increasing and which have been declining over the years, I compared the 2012–13 results with those from 1976–77 (a cold fall and early-winter season) and 1980–81 (another cold early-winter season), the most recent ones that were published in full in Maryland Birdlife. Most of the areas were the same ones as this season, but the total number of counts was 21 in the first two years and 24 this year. In order to compensate for the increase in effort over the years I divided the number of birds of each species by the number of party-miles covered on foot and multiplied by ten to show the equivalent of what one person (you) would have counted in ten hours on foot. The numbers are arranged from the earliest of these three years to the most recent.

Species with winter numbers increasing in Maryland: Wood Duck, 0.2, 3, 10; Gadwall, 0.6, 0.2, 12; Ring-necked Duck, 10, 1, 24; Hooded Merganser, 0.5, 0.9, 14; Turkey, 0.2, 0.2, 2; Black Vulture, 1.5, 2, 15; Cooper's Hawk, 0.2, 0.2, 1; Bald Eagle, 0.2, 0.3, 8; Merlin, 0, 0, 0.1; Peregrine Falcon, 0, 0, 0.1; Common Loon, 0.2, 0.1, 2; Double-crested Cormorant, 0, 0, 9; Great Black-backed Gull, 7, 13, 12; Forster's Tern, 0, 0, 3; Red-bellied Woodpecker, 11, 14, 17; Sapsucker, 2, 1, 3; Pileated Woodpecker, 1, 1, 4; Phoebe, 0.2, 0.1, 0.3; Blue Jay, 28, 46, 40; Common Raven, 0.1, 0.1, 0.3; Fish Crow, 9, 10, 12; Red-breasted Nuthatch, 1, 2, 4; Brown-headed Nuthatch, 0.9, 0.4, 1; Winter Wren, 2, 1, 4; Carolina Wren, 21, 11, 24; Catbird, 0.4, 0.3, 0.7; Eastern Bluebird, 6, 6, 31; Chipping Sparrow, 0.1, 0.3, 5; Fox Sparrow, 0.4, 0.5, 2;

Species with winter numbers declining in Maryland: Canada Goose, 1255, 1597, 1142; Brant, 49, 0.3, 0.0; Mute Swan, 0.5, 0.7, 0.2; Mallard, 113, 205, 151; Black Duck, 45, 66, 32; Bobwhite, 9, 0.1, 0.2; Kestrel, 4, 4, 1; Ring-necked Pheasant, 0.5, 0.7, 0; Woodcock, 0.4, 0.2, 0.3; Rock Dove, 68, 59, 29; Starling, 625, 580, 389; Lapland Longspur, 0.3, 0, 0.1; Snow Bunting, 1, 0, 0.1; Myrtle Warbler, 90, 25, 24; Tree Sparrow, 8, 6, 0.6; Cardinal, 55, 65, 43; Red-winged Blackbird, 756, 1794, 742; Meadowlark, 31, 16, 3; Purple Finch, 3, 0.4, 0.4; House Finch, 10, 24, 15; House Sparrow, 63, 74, 15.

Species counts that were considered unusually high are shown in boldface type in the tables.

Thanks to all the participants, most especially those in the Southern Dorchester County and Crisfield circles who persisted in spite of deplorable weather conditions, and special thanks to all the compilers who worked so hard to assemble and check the results.

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TABLE 1. INLAND CHRISTMAS COUNTS 2012-2013

	<u>OAKLAND</u>	<u>ALLEGANY</u>	<u>WASH. COUNTY</u>	<u>CATOCTIN</u>	<u>SUGAR- LOAF</u>
DATE	15-Dec	18-Dec	30-Dec	15-Dec	30-Dec
HOURS	4:30a– 6:00p	7:30a– 4:30p	7:30a– 4:00p	5:15a– 4:30p	5:00a– 4:45p
SKY	Cloudy	pc	Cloudy	pc	pc
TEMPERATURE (° F.)	28–48	30–52	31–35	25–46	32–38
WIND (mph)	0–10	2–2.5	15–35	Light	10–30
GROUND	Bare	Bare	Bare	Bare	Bare
Greater White-fronted Goose					1
Snow Goose					7
Blue Goose					
Cackling Goose					1
Canada Goose	1,657	160	678		4,018
Tundra Swan	5	1	35		75
Mute Swan					
Wood Duck			4		cw
Gadwall	37				59
Eurasian Wigeon					
American Wigeon	20				2
American Black Duck	40		14	2	75
Mallard	469	89		86	229
Black x Mallard					6
Northern Pintail	1				
Northern Shoveler			1		
Green-winged Teal					29
Redhead					
Canvasback					3
Ring-necked Duck	128	3	1	22	120
Greater Scaup	2				
Lesser Scaup	41				
Scaup sp.					1
Bufflehead	71				70
Common Goldeneye	1				
Hooded Merganser	206	11			26
Common Merganser	8		1		34
Red-breasted Merganser	2				
Ruddy Duck	358			1	28
Ruffed Grouse	2				
Wild Turkey	62		36		28
Gray Partridge					
Ring-neck Pheasant					
Northern Bobwhite					
Common Loon	6				

TABLE 1. INLAND CHRISTMAS COUNTS 2012-2013 (CONT'D.)

<u>SENECA</u>	<u>TRIA-DELPHIA</u>	<u>LOCH RAVEN</u>	<u>ROCK RUN</u>	<u>BOWIE</u>	<u>ELKTON</u>	<u>CHESTER-VILLE</u>
16-Dec	15-Dec	16-Dec	5-Jan	1-Jan	16-Dec	23-Dec
6:15a-5:00p	5:00a-5:30p	7:00a-4:30p	2:15p-6:30p	7:00a-3:30p	4:30a-	4:00a-5:15p
Cloudy 40-43 0-5 Bare	pc 28-53 0-10 Bare	Cloudy 40-43 0-5 Bare	pc 25-41 0-5 Bare	Cloudy 37-42 0-5 Bare	Cloudy 32-50 Calm Bare	pc 30-46 0-6 Bare
				1	519	27,252
	6		2	3	2	18
2,691	5,140	6,844	16,458	16,044	5,054	15,729
4		2	2,402	5	20	235
1						
	2	1	1	42	1	5
6	2	36	19	46	224	120
		1				
		236		13		25
12	3	62	133	103	59	496
47	61	171	654	858	191	794
450	174	2	6	3		
				1		
3						
10	1		1		2	24
20	4			8		76
		13				
			54			
194	55	1,247	16	455	91	543
			1			
6		10	97		8	
			9	1		
117	3	87	209	4	27	4
		21	97			2
		154	91	134	7	6
55	43		461	1	2	6
28	21					
8	11	8	378	80	548	2
	3					
						1
						2
						34
		1				

TABLE 1. INLAND CHRISTMAS COUNTS 2012-2013 (CONT'D.)

	<u>OAKLAND</u>	<u>ALLEGANY</u>	<u>WASH. COUNTY</u>	<u>CATOCTIN</u>	<u>SUGAR- LOAF</u>
Pied-billed Grebe	13	4			21
Horned Grebe	cw				
Double-crested Cormorant	1				
Great Blue Heron	1	5	2	12	31
Great Egret					
Black-crowned Night-Heron					
Black Vulture			32	12	238
Turkey Vulture	cw		41	63	385
Bald Eagle	3		2	7	15
Northern Harrier	cw			2	2
Sharp-shinned Hawk			1		4
Cooper's Hawk	cw	4	1	10	11
Accipiter sp.	1				2
Red-shouldered Hawk	3	1	2	18	40
Red-tailed Hawk	17	7	14	107	74
American Kestrel	4	1	6	29	17
Merlin					1
Peregrine Falcon					1
American Coot	465				24
Virginia Rail					
Sora					
Sandhill Crane					
Killdeer	3	10	3	22	4
Greater Yellowlegs				1	
Common Snipe					2
American Woodcock					
Black-headed Gull					
Bonaparte's Gull					
Ring-billed Gull		cw			50
Herring Gull					
Lesser Black-backed Gull					
Great Black-backed Gull					
Gull sp.			1		
Rock Pigeon	104	203	185	293	209
Mourning Dove	59	21	99	284	221
Monk Parakeet					
Eastern Screech-Owl	3	1		7	1
Great Horned Owl	1			5	
Barred Owl	4		1	3	6
Short-eared Owl					
Northern Saw-whet Owl	1				
Rufous Hummingbird					
Belted Kingfisher	8	3	8	8	14
Red-headed Woodpecker				4	
Red-bellied Woodpecker	14	10	35	142	279

TABLE 1. INLAND CHRISTMAS COUNTS 2012-2013 (CONT'D.)

<u>SENECA</u>	<u>TRIA- DELPHIA</u>	<u>LOCH RAVEN</u>	<u>ROCK RUN</u>	<u>BOWIE</u>	<u>ELKTON</u>	<u>CHESTER- VILLE</u>
20	14	165	30	17	4	9
	1	16				
	4	4	28	5	15	8
71	19	25	120	25	31	88
1						
			1			
183	121	66	311	157	47	217
424	171	190	129	115	230	488
11	5	30	145	20	249	67
3	2	1	7	7	2	10
11	9	7	4	12	4	10
7	14	13	5	16	9	14
1		1				
100	59	42	32	49	11	17
55	49	42	55	53	15	79
9	3	6	3	10	3	13
1		2		1		1
	1	2	1	2		2
			37	17	154	
					2	6
						2
				2		
19		9	18	83	30	115
2	2	11	1	17		
		1		7	1	1
			5			1
835	83	396	5,075	822	1,995	252
10	4	19	391	71	32	19
			1			1
			219		556	1
111	1		110	24		
567	616	353	392	760	48	251
479	599	412	171	1,067	46	408
				1		
1	12	4	6	1	11	22
1	7	6	11	5	7	36
7	5	3	3	11	4	10
cw	1					
			2			
	1		1			
32	21	36	25	36	12	15
45				cw		
585	233	176	106	397	62	178

TABLE 1. INLAND CHRISTMAS COUNTS 2012-2013 (CONT'D.)

	<u>OAKLAND</u>	<u>ALLEGANY</u>	<u>WASH. COUNTY</u>	<u>CATOCTIN</u>	<u>SUGAR- LOAF</u>
Yellow-bellied Sapsucker		2	10	12	32
Downy Woodpecker	49	19	29	92	164
Hairy Woodpecker	18	3	6	16	17
Northern Flicker	1	6	12	57	129
Pileated Woodpecker	9	5	11	27	56
Eastern Phoebe		1	1		8
Blue Jay	69	57	50	244	356
American Crow	888	59	207	235	2,847
Fish Crow		1			59
Crow sp.					2,220
Common Raven	12	3	2	19	7
Horned Lark	20		49	15	371
Black-capped Chickadee	232	53			1
Carolina Chickadee			110	182	522
Tufted Titmouse	84	49	72	94	337
Red-breasted Nuthatch	31	2	2	10	16
White-breasted Nuthatch	84	46	28	102	180
Brown Creeper	11	3	8	17	53
Carolina Wren	10	38	57	169	269
House Wren					cw
Winter Wren	1	2	3	5	37
Marsh Wren					
Gold-crowned Kinglet	16	21	28	42	119
Ruby-crowned Kinglet		1	2	2	13
Eastern Bluebird		51	87	211	317
Hermit Thrush		3		2	14
American Robin	1	26	103	33	263
Gray Catbird	1				3
Northern Mockingbird	2	15	20	119	116
Brown Thrasher					
European Starling	742	344	1,468	3,054	4,546
American Pipit		15	30	173	131
Cedar Waxwing			23	25	258
Lapland Longspur					12
Snow Bunting					6
Northern Parula					
Myrtle Warbler		7	2	49	41
Pine Warbler					
Palm Warbler					
Common Yellowthroat	1				
Eastern Towhee	2	3		4	19
AmericanTree Sparrow	44			4	17
Chipping Sparrow			2		1
Field Sparrow		5	1	8	34
Vesper Sparrow					

TABLE 1. INLAND CHRISTMAS COUNTS 2012-2013 (CONT'D.)

<u>SENECA</u>	<u>TRIA-DELPHIA</u>	<u>LOCH RAVEN</u>	<u>ROCK RUN</u>	<u>BOWIE</u>	<u>ELKTON</u>	<u>CHESTER-VILLE</u>
104	18	21	25	43	9	22
383	193	178	118	333	58	83
59	33	47	23	74	14	22
266	144	120	81	414	58	107
107	53	39	24	86	11	20
8	5	1	1	4	1	
1,100	665	170	151	1,063	143	404
1,504	2,652	5,091	1,006	18,896	395	126
434	502	95	126	251	89	
1,735	1,655			810		
3	4					
35	21		16		2	307
	4		2			
1,084	582	549	359	875	169	306
680	347	340	220	576	99	236
17	44	45	48	91	2	31
459	224	209	112	269	61	116
106	21	37	27	34	22	17
629	382	287	209	92	110	214
1	2	4	cw	1		
99	53	34	44	114	12	36
						3
299	54	86	106	115	41	35
114	3	5	6	18	3	30
462	381	352	335	238	70	300
16	15	6	13	57	4	31
1,208	4,617	378	324	1,189	221	372
2	3	2	1	4	3	2
208	140	115	126	205	78	176
	3	1	1	20	1	6
6,449	3,003	3,657	1,329	5,525	1,333	5,937
1				64		608
532	246	92	2	39	85	110
cw			1			2
			1			
165	17	21	21	62	33	51
	1			1		
2						1
		1				
72	82	41	35	133	10	46
9	5	1	19	7	3	
4	9	50	8	27		3
55	95	31	59	116	14	121
	1					

TABLE 1. INLAND CHRISTMAS COUNTS 2012-2013 (CONT'D.)

	<u>OAKLAND</u>	<u>ALLEGANY</u>	<u>WASH. COUNTY</u>	<u>CATOCTIN</u>	<u>SUGAR- LOAF</u>
Savannah Sparrow			1	25	14
Fox Sparrow		1	1	3	12
Song Sparrow	14	30	24	168	340
Lincoln's Sparrow					
Swamp Sparrow	1			4	33
White-throated Sparrow	4	59	304	284	951
White-crowned Sparrow		4	1	134	85
Dark-eyed Junco	135	229	798	456	1,984
Summer Tanager					
Northern Cardinal	48	51	147	226	427
Red-winged Blackbird				146	357
Eastern Meadowlark			25	4	3
Rusty Blackbird				2	2
Common Grackle				51	21
Brown-headed Cowbird			287	55	31
Blackbird sp.					102
Purple Finch	2		2		2
House Finch	23	11	43	93	100
Common Redpoll					
Red Crossbill	6				
White-winged Crossbill	23				
Pine Siskin	1				2
American Goldfinch	16	34	84	99	177
House Sparrow	87	93	147	216	136
Total species	72	55	66	70	95
Total individuals	6,510	1,886	5,490	9,087	24,845
Observers	17	5	16	19	60
Parties	10	4	12	8	33
Hours on foot	40.25	7.5	5	19	99.5
Hours by car	39	19	14	46.5	62.25
Total hours	79.25	26.5	19	65.5	161.75
Miles on foot	28.5	7.5	3	11	83.25
Miles by car	429.75	210	120	430	435
Total miles	458.25	217.5	123	441	518
Feeder hours	6.25	0	3	0	11.75
Owling hours	2.8	0	0	4.5	4
Owling miles	11	0	0	30	21.25

TABLE 1. INLAND CHRISTMAS COUNTS 2012-2013 (CONT'D.)

<u>SENECA</u>	<u>TRIA-DELPHIA</u>	<u>LOCH RAVEN</u>	<u>ROCK RUN</u>	<u>BOWIE</u>	<u>ELKTON</u>	<u>CHESTER-VILLE</u>
13	15	7	16	34	3	78
18	60	9	3	45	6	13
539	784	448	464	889	144	746
				1	1	
70	47	19	21	145	48	67
1,967	2,107	1,404	1,022	2,755	677	2,123
20	13	10	18	21	2	117
1,515	1,378	1,494	701	2,640	864	2,040
	1					
680	571	476	349	849	193	524
229	457	194	1342	912	3401	31,964
1				11		
190			1	40		46
8	853	59	5,983	267	1,091	2,875
21	13	2	102	30	376	252
145	513			12		25,500
24			4	8	3	2
100	134	102	120	272	58	418
1						
	25		2	26		9
			6	51		2
1	8	2	40	cw		7
310	271	252	168	289	46	124
95	146	156	259	179	79	131
98	93	92	104	100	88	102
31,674	31,274	29,778	49,821	46,424	20,251	124,687
109	56	36	42	81	15	23
46-48	23	32	9-42	42	8	11-13
225	152	121	56	228.75	32.4	79.5
30	37	10	50	49.25	29.8	49.5
255	189	131	111	278	62.2	129
164	105	91	41	175.35	21.75	60.25
356	364	105	419	403	236	470.7
520	468	196	475	578.35	257.75	530.95
10	2	0	3	2	2	4
3	10	2	11	10.5	3.5	16.25
1	0	15	65	41.5	10	81.1

TABLE 2. TIDEWATER CHRISTMAS COUNTS 2012-2013

	<u>ANNA- POLIS</u>	<u>PATUXENT RIVER</u>	<u>JUG BAY</u>	<u>PORT TOBACCO</u>	<u>POINT LOOKOUT</u>
DATE	30-Dec	30-Dec	16-Dec	16-Dec	23-Dec
HOURS		5:00a– 5:30p	6:00a– 3:30p		5:15a– 5:15p
SKY	pc	pc	Cloudy	Cloudy	pc
TEMPERATURE (° F.)	35–41	25–39	42–51	35–50	24–48
WIND (mph)	10–35	25–50	0	Light	0–10
GROUND	Bare	Bare	Bare	Bare	Bare
Snow Goose			1		18
Blue Goose					
Ross's Goose			1		
Cackling Goose	2		2		1
Canada x Snow Goose					
Canada Goose	7,251	3,839	9,476	2,692	2,341
Mute Swan	5		3	2	
Tundra Swan	472	17	129	15	60
Wood Duck	2	5	6	2	1
Gadwall	6	45	72	7	1
European Wigeon					
American Wigeon	7		1	3	
American Black Duck	34	12	356	92	1
Mallard	812	294	755	149	71
Black x Mallard					
Northern Pintail			70		
Northern Shoveler			7		
Blue-winged Teal					
Green-winged Teal			87		
Canvasback	52				
Redhead	2				
Ring-necked Duck	22	16	39	11	2
Greater Scaup	2,287		3,607		311
Lesser Scaup	81	143	106	19	35
Scaup sp.	968	4	300		
Common Eider					
Harlequin Duck					
Surf Scoter	19	5	117		357
White-winged Scoter					3
American Scoter	5		54		179
Scoter sp.	4				75
Long-tailed Duck	109	48	308		409
Bufflehead	1,241	189	432	137	775
Common Goldeneye	185	24	32	1	179
Barrow's Goldeneye					1

TABLE 2. TIDEWATER CHRISTMAS COUNTS 2012-2013 (CONT'D.)

<u>LOWER KENT</u>	<u>DENTON</u>	<u>ST. MICHAELS</u>	<u>SOUTHERN DORC. CO.</u>	<u>CRISFIELD</u>	<u>SALISBURY</u>	<u>OCEAN CITY</u>
16-Dec	15-Dec	16-Dec	26-Dec	27-Dec	16-Dec	28-Dec
	5:30a–6:30p	5:00a–6:00p	6:00a–5:00p	6:00a–7:00p	5:15a–5:50p	5:00a–6:00p
Cloudy 45–55 Light Bare	pc 32–54 Light Bare	Cloudy 45–55 Calm Bare	Rain! 36–51 10–20 Flooded	Cloudy 39–48 25–44 Flooded	Cloudy 50–55 Light Bare	pc 33–43 10–25 Saturated
3567 104 1 2 2	1042 6		6896 338		202	19,329 60 2
		1				
37,684 8 1,390 38 1,264 4 415 953 13,696 6	2,680 53 3	40,737 13 409	10,755 4 642 52 14	1,067 51 3 49	7,856 6 20 5	9,605 676 5 198
				1		177
	27	205	160	379	57	2564
13,696 6	135	702	2167	214	736	3845
153 608		17	414 237 10	1		81 157
294 234		17	133	9	3	458 680
11 869 204 10,933 372	55	6 11 2,016 18	1 193 41	1 4 15	28 8 9 7	3 280 13 108 3
						3 3
12		724 2 13		1 1 1		49 7
		15 274		3 1		244 57
85 944 564	4 1	1,878 231	168 3	298 13	61 1	2,445 1

TABLE 2. TIDEWATER CHRISTMAS COUNTS 2012-2013 (CONT'D.)

	<u>ANNA- POLIS</u>	<u>PATUXENT RIVER</u>	<u>JUG BAY</u>	<u>PORT TOBACCO</u>	<u>POINT LOOKOUT</u>
Hooded Merganser	77	40	22	18	64
Common Merganser			24		2
Red-breasted Merganser	4	8	1		59
Ruddy Duck	1,378	363	98	1,443	2,331
Ruffed Grouse					
Wild Turkey	11		10	5	2
Ring-necked Pheasant					
Northern Bobwhite					
Red-throated Loon	1				4
Common Loon	4		33		44
Pied-billed Grebe	13	3	4	3	2
Horned Grebe	1	3	6		56
White Pelican					1
Brown Pelican		1			172
Northern Gannet	1				40
Double-crested Cormorant	800	25	62	72	96
Great Cormorant	9		1		6
Cormorant sp.					
American Bittern					
Great Blue Heron	93	18	57	20	32
Great Egret					
Little Blue Heron					
Black-crowned Night-Heron				2	
Black Vulture	220	117	444	229	23
Turkey Vulture	267	207	141	235	66
Osprey					
Bald Eagle	43	17	41	175	27
Northern Harrier	1	3	11	9	4
Sharp-shinned Hawk	9	4	9	2	1
Cooper's Hawk	12	1	4	5	2
Accipiter sp.				3	
Red-shouldered Hawk	21	5	35	19	10
Red-tailed Hawk	34	13	25	22	19
Rough-legged Hawk					
Golden Eagle				3	
American Kestrel		1	8	2	6
Merlin	2			1	1
Peregrine Falcon	4				
Clapper Rail			1		1
King Rail					
Virginia Rail	4		8		
Sora			1		
American Coot		2	2		
Black-bellied Plover					
Semipalmated Plover					

TABLE 2. TIDEWATER CHRISTMAS COUNTS 2012-2013 (CONT'D.)

	<u>ANNA- POLIS</u>	<u>PATUXENT RIVER</u>	<u>JUG BAY</u>	<u>PORT TOBACCO</u>	<u>POINT LOOKOUT</u>
Killdeer	31		87	9	40
American Oystercatcher					
Greater Yellow-legs					
Willet					
Lesser Yellow-legs					
Ruddy Turnstone					
Sanderling					2
Least Sandpiper					
Purple Sandpiper	1		12		
Dunlin					
Peep sp.					
Long-bill Dowitcher					
Wilson's Snipe			6	3	
American Woodcock	2		2	6	2
Laughing Gull				1	
Bonaparte's Gull	137				90
Ring-billed Gull	1,604	620	660	418	1,070
Herring Gull	556	82	763	52	136
Iceland Gull					
Lesser Black-backed Gull	1		1		
Great Black-backed Gull	202	22	287	27	63
Gull sp.	180		126	33	
Common Tern					
Forster's Tern					3
Dovekie					
Razor-bill					
Rock Pigeon	238	14	40	5	
Mourning Dove	178	125	531	147	98
Barn Owl			1	1	
Eastern Screech-Owl	10		5	2	6
Great Horned Owl	5	2	16	7	6
Barred Owl	1	6	9		1
Long-eared Owl					
Short-eared Owl					1
Northern Saw-whet Owl					
Ruby-throated Hummingbird					
Rufous Hummingbird	2		1	1 sp.	
Belted Kingfisher	25	14	21	23	12
Red-headed Woodpecker		6	1	16	
Red-bellied Woodpecker	192	48	253	77	55
Yellow-bellied Sapsucker	38	11	48	11	11
Downy Woodpecker	155	29	170	41	32
Hairy Woodpecker	19	6	45	11	3
Northern Flicker	65	28	204	80	30
Pileated Woodpecker	20	3	69	14	2

TABLE 2. TIDEWATER CHRISTMAS COUNTS 2012-2013 (CONT'D.)

<u>LOWER KENT</u>	<u>DENTON</u>	<u>ST. MICHAELS</u>	<u>SO. DORCH. CO.</u>	<u>CRISFIELD</u>	<u>SALISBURY</u>	<u>OCEAN CITY</u>
139	46	2	36	3	92	84
1			25	20		15
				11		10
						27
						10
						44
						202
						20
						55
		4	215	56		2,571
			33			
						1
7	4		7	7	3	21
9	3	3	1	1	2	9
						52
2,453	729	596	2,157	1,652	215	4,396
478	9	481	206	5,736	545	654
					1	1
				1	1	2
206		317	2	101	63	107
	34	14		1,927	16	14
						1
			7	2		531
						2
						3
69	243	25	9	158	313	319
228	333	250	85	215	551	1,304
40	9	53	8	2	45	19
62	7	72	4		44	15
4	11	2	1	1		2
1						
1				1	2	
	1					2
						1
						1 sp.
30	10	25	8	14	35	38
1			2			
166	68	104	15	37	87	131
26	14	17	5	2	19	15
112	42	45	18	19	70	111
43	17	11	5	1	17	18
133	71	97	42	46	110	163
16	27	10	11	3	28	32

TABLE 2. TIDEWATER CHRISTMAS COUNTS 2012-2013 (CONT'D.)

	<u>ANNA- POLIS</u>	<u>PATUXENT RIVER</u>	<u>JUG BAY</u>	<u>PORT TOBACCO</u>	<u>POINT LOOKOUT</u>
Eastern Phoebe	2	1		1	
Blue Jay	301	31	520	315	23
American Crow	576	435	1,091	216	284
Fish Crow	62		83	2	
Crow sp.	57		255		31
Horned Lark		2		1	
Tree Swallow					
Carolina Chickadee	506	179	305	164	68
Tufted Titmouse	435	134	316	148	53
Red-breasted Nuthatch	23	8	32	3	22
White-breasted Nuthatch	162	22	150	48	12
Brown-headed Nuthatch		7			100
Brown Creeper	14	5	23	3	3
Carolina Wren	301	78	314	95	78
House Wren	1			1	1
Winter Wren	45	5	32	14	3
Sedge Wren					2
Marsh Wren					1
Golden-crowned Kinglet	29	7	27	29	5
Ruby-crowned Kinglet	9	10	30	14	2
Eastern Bluebird	268	160	300	121	131
Hermit Thrush	41	7	67	40	9
American Robin	3,125	363	1,717	657	78
Gray Catbird	12	1	33	1	
Northern Mockingbird	127	48	111	48	34
Brown Thrasher	8	1	28	5	3
European Starling	4,101	1,073	3,454	1,442	703
American Pipit	112	180	288	16	18
Cedar Waxwing	910	219	700	174	102
Lapland Longspur		1			
Snow Bunting		5			
Orange-crowned Warbler					
Nashville Warbler					
Yellow Warbler			1		
Palm Warbler					3
Pine Warbler		2			2
Myrtle Warbler	26	56	73	99	44
Eastern Towhee	65	8	93	63	23
American Tree Sparrow	1				
Chipping Sparrow		14	2	16	7
Clay-colored Sparrow		1			
Field Sparrow	20	1	108	6	38
Vesper Sparrow					
Savannah Sparrow	1	29	71	14	32
Ipswich race					

TABLE 2. TIDEWATER CHRISTMAS COUNTS 2012-2013 (CONT'D.)

<u>LOWER KENT</u>	<u>DENTON</u>	<u>ST. MICHAELS</u>	<u>SO. DORCH. CO.</u>	<u>CRISFIELD</u>	<u>SALISBURY</u>	<u>OCEAN CITY</u>
1	4				6	12
576	176	426	21	44	218	265
279	186	445	270	561	615	686
	7		319	50	197	
		11	609	375	50	7
122	362	4	5			80
1						7
265	138	230	77	88	297	342
183	100	123	65	31	138	200
41	27	64		6	34	64
106	33	43	2	3	16	13
13		32	30	19	30	34
12	9	8	1	1	26	17
272	101	153	29	76	189	277
1		1		1	2	1
36	27	7	7	8	16	67
				1	1	1
9				3	9	5
25	42	10	3	9	84	82
19	8	5	2	3	28	14
214	278	345	59	196	359	393
20	36	11	3	17	48	43
613	435	1,962	253	325	1,283	11,836
2		5	3	2	17	24
165	91	161	9	41	100	166
13	2	7	1	3	19	23
2,943	2,987	3,221	478	3,202	2,552	8,056
230	101				170	206
272	51	937	12	44	399	118
	2					
			1			5
			1		1	8
2		1	2		1	13
40	26	361	137	375	161	2,504
59	8	9	6	12	75	61
1					1	1
3	9	13		8	93	599
					1	1
53	39	21	8	23	55	87
						1
78	35	9	16	23	28	394
						23

TABLE 2. TIDEWATER CHRISTMAS COUNTS 2012-2013 (CONT'D.)

	<u>ANNA- POLIS</u>	<u>PATUXENT RIVER</u>	<u>JUG BAY</u>	<u>PORT TOBACCO</u>	<u>POINT LOOKOUT</u>
Sharp-tailed Sparrow sp.					
Fox Sparrow	18	3	30		5
Song Sparrow	252	70	398	244	42
Swamp Sparrow	54	45	165	39	10
White-throated Sparrow	1,824	385	1,783	324	209
White-crowned Sparrow			4	9	
Dark-eyed Junco	1,311	561	1,209	736	288
Northern Cardinal	644	170	655	171	119
Red-winged Blackbird	1,004	88	23,195	716	1,382
Eastern Meadowlark		4	31	16	45
Rusty Blackbird	cw		10		
Boat-tailed Grackle					
Common Grackle	342	15	29,869	2437	11
Brown-headed Cowbird	101	50	13	683	1,230
Blackbird sp.	140		40		100
Purple Finch	3	2	5		cw
House Finch	324	52	101	42	
Red Crossbill	4				
White-winged Crossbill	24				
Crossbill sp.					
Common Redpoll		2			
Pine Siskin	13				
American Goldfinch	294	116	202	74	54
Evening Grosbeak					
House Sparrow	207	57	118	30	126
Total species	107	93	115	93	107
Total individuals	38,137	11,213	88,416	15,660	15,139
Observers	75	20	41	18	24
Parties	38-41	12	27	9	4-8
Hours on foot	180	31.5	102	39.5	28.75
Hours by car	95	35	49	23.5	22
Total hours	275	66.5	156	63	50.75
Miles on foot	86	43	70.75	32.5	27
Miles by car	601	291	444.3	180	132
Total miles	687	334	515	212.5	159
Feeder hours	28	4	5.5	0	0
Owling hours	13	0.75	3	3	
Owling miles	20	0.5	8	7.5	

TABLE 2. TIDEWATER CHRISTMAS COUNTS 2012-2013 (CONT'D.)

<u>LOWER KENT</u>	<u>DENTON</u>	<u>ST. MICHAELS</u>	<u>SO. DORCH. CO.</u>	<u>CRISFIELD</u>	<u>SALISBURY</u>	<u>OCEAN CITY</u>
				1		1
15	3	3	4	6	13	84
502	158	346	110	188	381	1,051
265	17	39	49	93	166	285
1,549	932	1,010	134	527	872	2,662
36	12	3		3	10	
961	1,147	1,192	151	354	1,011	1,210
676	147	310	57	163	279	443
6,577	10,162	23,188	14,135	5,908	2,869	8,431
28	17	10	8	63	74	295
8	4		1		30	10
			30	293		3
18,312	12,584	744	37,400	27	10,616	9,330
1,249	198	300	2	14	217	569
140	2,600				12,000	600
5	4	2			5	8
96	175	106	3	3	60	241
1						4
26	6	8				28
3						
						1
68	15	61	4	3	63	34
312	178	245	26	130	294	387
		2				
124	85	106	37	10	98	226
124	88	102	110	108	111	155
119,093	40,740	87,584	82,609	27,267	48,347	112,069
27	16	46	12	18	29	56
10	14-16	15	7	13	14	26
62.75	44	27.1	18	56.45	49.25	138
54	34.5	66.6	42.25	37.1	29	62.5
116.75	78.5	97.37	62.25	97.8	87.25	202.5
50.25	21.5	35.8	13	38.25	21.5	88
321	311.5	408.65	258.5	272.7	345.5	512
371.25	333	458.95	283.5	312.15	377	602
0	0	14	0	0	0	0
14.25	7.5	16.58	2	4.25	8.5	8
59.8	51.2	111.2	12	1.2		37