

Howard2013 WebTable County Totals

BIRD COUNT - HOWARD CO.		Season:	Fall	Type:	Regular	Area:	Howard	Date:	9/21/2013
Species & Codes (1) / Area No.:		1	2	3	4	5	6	7	Totals
Canada Goose	A	195	65	90	104	209	106	129	898
Wood Duck	B	6		7	3		5		21
American Black Duck	B				1				1
Mallard	A	73		10	31	31	20	16	181
Wild Turkey	* C					5			5
Pied-billed Grebe	@ B				1				1
Double-crested Cormorant	B		2		2	1		3	8
Great Blue Heron	A	3	5	3	4	2	8	8	33
Great Egret	B				1		4		5
Green Heron	A		1	3	3	2	8	2	19
Black-crowned Night-Heron	* C					1			1
Black Vulture	A	82	3	34	10	1	6	17	153
Turkey Vulture	A	59	17	52	23	5	96	23	275
Osprey	B		2	1		2	1		6
Bald Eagle [ad/im/unk]	B		3		2			3	8
Sharp-shinned Hawk	B					1	1	1	3
Cooper's Hawk	B	6	1	1	2		2	3	15
<i>accipiter species</i>		2		1		1	1		5
Red-shouldered Hawk	A	14	2	12	4	6	1	17	56
Broad-winged Hawk	B			1					1
Red-tailed Hawk	A	3	2	5	1	2	4	1	18
Killdeer	A	8	9	6	30	3	3	1	60
Spotted Sandpiper	B					1			1
Solitary Sandpiper	B			1	1		1		3
Greater Yellowlegs	B				1	1			2
Lesser Yellowlegs	B		4					2	6
Least Sandpiper	B		16			1			17
Pectoral Sandpiper	B		3			1			4
Caspian Tern	B		2						2
Rock Pigeon	A	71	1	1	200	23	9	3	308
Mourning Dove	A	106	39	56	88	4	19	78	390
Yellow-billed Cuckoo	A	2		3					5
Black-billed Cuckoo	B	1							1
Eastern Screech-Owl	B			1					1
Great Horned Owl	B		1						1
Barred Owl	B						4		4
Chimney Swift	A	11	4	35	17	14	45	28	154
Ruby-throated Hummingbird	B	7		5	8		1		21
Belted Kingfisher	A	12	4	7	3	2	2	8	38
Red-headed Woodpecker	* C		1	1					2
Red-bellied Woodpecker	A	40	11	55	18	28	15	43	210
Downy Woodpecker	A	17	4	23	18	12	6	42	122
Hairy Woodpecker	A	3	2	4	4	3	4	7	27
Northern(Yellow-sh'd) Flicker	A	16	6	43	5	9	8	30	117
Pileated Woodpecker	A	18	6	11	1	5	2	9	52
American Kestrel	A	6		4					10
Merlin	* C	1				1			2
Eastern Wood-Pewee	A	12	1	10	4	7	3	6	43
Acadian Flycatcher	* A	2		5				1	8
<i>Empidonax species</i>		6		3		3		2	14

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Eastern Phoebe	A	15	3	18	12	5	13	8	74
Great Crested Flycatcher	@ A	1				4	1		6
Eastern Kingbird	@ A						1		1
White-eyed Vireo	A			2	1	3	2		8
Yellow-throated Vireo	B	2		1					3
Warbling Vireo	@ B					1	1		2
Philadelphia Vireo	* C					1	1		2
Red-eyed Vireo	A			6	2	2		15	25
Blue Jay	A	131	33	226	55	109	69	200	823
American Crow	A	165	192	166	33	33	37	122	748
Fish Crow	A	5		1	1	11	9	53	80
<i>crow species</i>		114		15	108	25		24	286
Horned Lark	* C			8	4				12
Tree Swallow	A				1		3		4
Barn Swallow	A	6		7					13
Carolina Chickadee	A	69	11	83	41	57	14	91	366
Tufted Titmouse	A	43	15	42	22	21	8	77	228
White-breasted Nuthatch	A	27	6	26	5	8	5	40	117
Brown Creeper	@ A	1							1
House Wren	A	9		7	8	5	2	8	39
Marsh Wren	* C				1		1		2
Carolina Wren	A	86	19	106	42	54	13	125	445
Blue-gray Gnatcatcher	A	1	1	3			3		8
Golden-crowned Kinglet	** A					1			
Ruby-crowned Kinglet	@ A	1							1
Eastern Bluebird	A	104	21	88	5	19	40	24	301
Veery	B			1				1	2
Wood Thrush	A					2		11	13
American Robin	A	158	18	106	35	51	79	123	570
Gray Catbird	A	80	12	63	73	73	26	83	410
Northern Mockingbird	A	20	9	40	4	8	24	23	128
Brown Thrasher	A	5		3	2	2	1	2	15
European Starling	A	1,087	33	195	127	292	179	149	2,062
American Pipit	* C				1				1
Cedar Waxwing	A	2		15	16	15	9	1	58
Ovenbird	A							1	1
Worm-eating Warbler	@ B	1							1
Northern Waterthrush	B						1		1
Black-&-white Warbler	A	3		4	3	4	4	12	30
Tennessee Warbler	B	1		1			1	9	12
Nashville Warbler	B			1					1
Kentucky Warbler	@ A							1	1
Common Yellowthroat	A	17	4	24	12	12	12	9	90
American Redstart	A	5	3	6	1	11	4	3	33
Cape May Warbler	B	2		2	5				9
Northern Parula	A	1		2		1	2	3	9
Magnolia Warbler	A	9		23	6	7	4	20	69
Bay-breasted Warbler	B						3	1	4
Blackburnian Warbler	B						1	2	3
Yellow Warbler	@ A		1						1

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Chestnut-sided Warbler	A	3		2		2	1	5	13
Blackpoll Warbler	B						1		1
Blk.-thrt'd. Blue Warbler	A	4	1	4			2	6	17
Palm Warbler	@ A	13							13
Pine Warbler	B				1				1
Yel.-rump'd (Myrtle) Warbler	@ A							1	1
Yellow-throated Warbler	B			1					1
Prairie Warbler	A	1			1				2
Blk.-thrt'd. Green Warbler	B	4	1	6	7		8	12	38
Canada Warbler	B	1							1
<i>warbler species</i>				1				26	27
Eastern Towhee	A	24	4	10	1	13	6	1	59
Chipping Sparrow	A	96	6	62	12	3	12	30	221
Field Sparrow	A	6		19			2		27
Savannah Sparrow	* B			4	4		1		9
Grasshopper Sparrow	@ B			2					2
Song Sparrow	A	19	8	25	17	2	12	9	92
White-throated Sparrow	@ A					2			2
Scarlet Tanager	A		1	7		2		3	13
Northern Cardinal	A	63	11	89	59	61	25	214	522
Rose-breasted Grosbeak	B	1		1			2	2	6
Blue Grosbeak	B	2		5	1	2	3	3	16
Indigo Bunting	A	31	4	17	5	3	7		67
Bobolink	B				80				80
Red-winged Blackbird	A	7	10		1	6	15		39
Eastern Meadowlark	A			17					17
Common Grackle	A			2	201	3		210	416
Brown-headed Cowbird	A			34	256	4	6	1	301
Baltimore Oriole	A			1			2	1	4
Purple Finch	* C	1							1
House Finch	A	11	7	15	6	7	10	43	99
American Goldfinch	A	46	11	61	17	12	20	78	245
House Sparrow	A	25	56	11		65	4	158	319
Area Total Birds:		3,311	718	2,181	1,885	1,411	1,097	2,527	13,130
Area Total Species:		75	56	83	72	72	79	71	129
Area No.:	1	2	3	4	5	6	7	Totals	
Supplemental Data									
Time Start:	6:40 a	7:00 a	6:45 a	7:30 a	5:50 a	7:00 a	6:35 a	5:50 a	
Time Stop:	7:15 p	1:30 p	4:15 p	4:30 p	4:45 p	2:30 p	4:00 p	7:15 p	
Hours on Foot:	42.0	8.8	24.8	19.0	14.0	16.5	34.2	159.3	
Hours by Car:	11.8	2.5	1.0	1.5	3.8	1.5	3.5	25.6	
Miles on Foot:	21.5	7.0	20.6	9.2	8.8	15.0	32.5	114.6	
Miles by Car:	83.0	40.0	11.8	20.8	65.0	20.0	106.0	346.6	
Hours Feeder Watching:	.5						2.0	2.5	
Hours Stationary:	3.5		1.3	5.5	.9			11.2	
Hours "Owling":					.7			.7	
Miles "Owling":					2.3			2.3	
Area Code:	1	2	3	4	5	6	7	Totals	
Deer Seen	31	3	19		3	4	23	83	

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Species & Codes (1) / Area No.:	1	2	3	4	5	6	7	Totals
Total Observers in Area:	11	7	14	7	4	6	10	58
Total Parties in Area:	7	2	7	4	3	4	8	35
Total Party-Hours (Reg.):	53.8	11.3	25.8	20.5	17.8	18.0	37.7	184.9
Tot. Party Hours (Feeder Watch):	.5						2.0	2.5
Total Party-Hours (Station'y):	3.5		1.3	5.5	.9			11.2
Total Party-Hours (Owling):					.7			.7
Total Party-Hours:					2.3			2.3
Total Party-Miles:	104.5	47.0	32.4	30.0	76.1	35.0	138.5	463.5
Area No.:	1	2	3	4	5	6	7	Totals

Fall Count, September 21, 2013

Butterflies & Moths*	Area 1	Area 2	Area 3	Area 4	Area 5	Area 6	Area 7	Totals
Cabbage White		6		59		17	5	87
Clouded Sulphur				46			1	47
Common Buckeye				3				3
Common Checkered-Skipper				1				1
Common Wood-Nymph							1	1
Eastern Comma		1					8	9
Eastern Tailed-Blue		2				9	1	12
Eastern Tiger Swallowtail		2		1		1		4
Fall Webworm Caterpillar						7		7
Henry' Marsh Moth Caterpillar		2						2
Least Skipper		2		14		9	3	28
Monarch	1	1		5				7
Northern Pearly-eye				1		1		2
Orange Sulphur				27		3	3	33
Pearl Crescent		2		3		3	2	10
Sachem	2			1		9	9	21
Salt Marsh Caterpillar						8		8
Spicebush Swallowtail						2		2
Variiegated Fritillary		1		7		4	2	14
Viceroy							2	2
White M Hairstreak						1		1
Wild Indigo Duskywing						1		1
Total Individuals								302
Total Species								22
Dragonflies & Damselflies*	Area 1	Area 2	Area 3	Area 4	Area 5	Area 6	Area 7	Totals
Autumn Meadowhawk						1		1
Black Saddlebags	1			2		6		9
Blue Dasher						6		6
Blue-faced MeadowHawk						1		1
Common Green Darner				2		75	2	79
Common Whitetail				2		2		4
Eastern Pondhawk						2		2
Familiar Bluet				1				1
Fawn Darner				1		2		3
Fragile Forktail						2		2
Seepage Dance						12		12
Skimming Bluet						2		2
Twelve-spotted Skimmer				1				1
Wandering Glider				1				1
Widow Skimmer				2				2
Total Individuals								126
Total Species								15

Information [Required]	Area 1	Area 2	Area 3	Area 4	Area 5	Area 6	Area 7	Totals
Hours by Foot	5.5	6.5		11.5		16.5	6.7	46.7
Hours by Car	1.1	1.5		1		1.5	0.8	5.9
Miles by Foot	1	4.5		5.7		15	5.5	31.7
Miles by Car	39	28		20.8		20	22	129.8
Total Observers in Area	1	1		4		6	2	14
Total Parties in Area	1	1		1		4	1	8

Summary of the 2013 Howard County Fall Count

by Mike McClure and Chuck Stirrat

The twentieth annual Howard County Fall Count was conducted on Sept. 21st, 2013. This count has turned out to be a slightly above average count for the number of species and slightly below average for the number of birds observed (13,130 total birds, 129 total species, 25 warbler species, and 380 total warblers). However, the total warblers was below average. Comparison totals for the prior 19 years are: total birds, high, 26,651 in 1994; low 9,293 in 2004; average, 16,827; total species, high, 140 in 2010; low 108 in 2004; average, 125. For total warblers, high, 1,004 in 1994; low 130 in 2004; average, 462; warbler species, high, 30 in 1994; low 13 in 2004; average, 24.

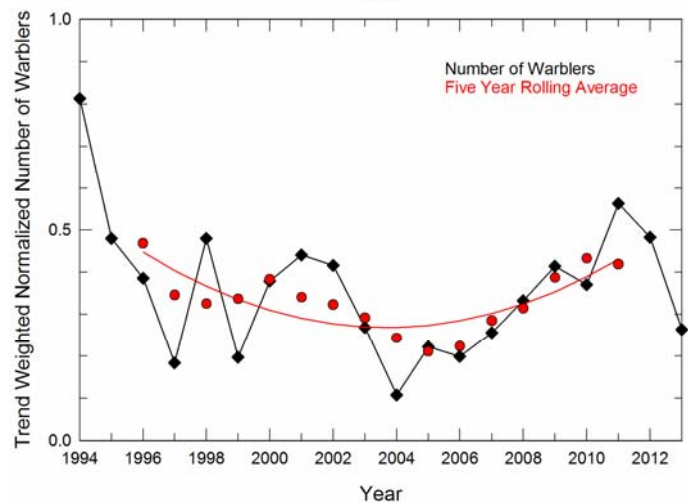
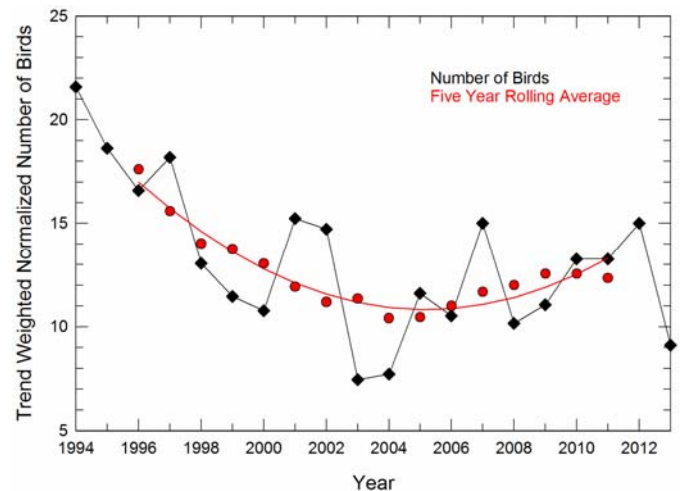
The number of participants and parties (58 and 35) compared to last year's (55 and 32) shows an increase in participation. The participants provided 199 hours of field counting time [average of 191]. The mileage was 464 compared to the average of 396 miles

Saturday's temperature started in the high 50's at 6:00AM under partial cloud cover, rising to 73 degrees in late afternoon with complete cloud cover during the remainder of the day. The humidity was comfortable (dew point: 56 degrees at 6:00AM rising to 63 degrees by the late afternoon and holding there for the remainder of the day. Winds were not an issue during the day. Despite the delightful weather, counters generally complained about the lack of birds. This problem is reflected in the data from the 20 years of Fall Counts as shown on the graphics for the total number of individual birds and warblers observed countywide as shown by the Rolling Five Year Average [RFYA] data. The RFYAs seem to support that the numbers have reached their lows and are now beginning to rise which contrasts with the serious declines of the early years of the Fall Count.

The accompanying table presents the count data. There were 22 species for which there was only one bird sighted countywide and 6 species for which there were only two birds sighted countywide. The single bird sighting is the highest ever observed and is unchanged from last year. Species showing moderately high numbers (>500) are: Canada Goose, 898; Blue Jay, 823; Crows [American+Fish+species], 1,114; American Robin, 570; European Starling, 2,062; Northern Cardinal, 522.

Berglund, Dena & Scott; Brinkley, Jim & Marilyn; Colangelo, Lisa; Coskren, Dennis & Jane; **Culler, Jeff (Area 2)**; Cullison III, Ralph; Cummings, David; **Darcy, Karen (Area 3 Co-coordinator)**; **Earp, Susan & Wes (Area 1 Co-coordinator)**; Ebert, Ward; Feild, Tom; Feild-King, Geraldine; Finedore, John; Harris, John; **Heffernan, Kevin (Area 3 Co-coordinator)**; Hill, Bill & Gayle; Holdridge, Emy; Hubbel, John; Huestis, Ed & Jason; Kerwin, Michael; Lengade, Shashi; Leumas, Mike; Lillie, Kathie; Lovelett, Felicia; Lubitz, Rosa; Magnusson, Nancy; **McClure, Grazina & Mike (Area 4 & County Co-coordinator)**; McKitterick, John; Miller, Barry; Miller, Tom & Sue; Neri, Sue; Olson, Daryl; Orr, Richard L.; **Ott, Bonnie (Area 6 Coordinator)**; Parr, Steve & Cyndy; Patterson, Howard; Polniaszek, Ron & Susan; Probst, Suzanne; Robinette, Clyde; Ruffing, Russ; **Schwarz, Kurt (Area 5 Coordinator)**; Smith, Romaine; Solem, Jo; Stewart, Michelle; **Stirrat, Chuck (County Co-coordinator)**; **Sunell, Eva (Area 7 Coordinator)**; Todd, Robin; **Wallace, Mark (Area 1 Co-coordinator)**. Lastly, a very special thanks to **Don and Martha Waugh** who hosted the evening tally.

For the second year counters were given the option to list the species of butterflies, dragonflies and damselflies seen as they were counting birds. A total of 14 people [10 in 2012] turned in a list. They are: **Earp, Wes (Area 1 Co-coordinator)**; Magnusson, Nancy; **McClure, Grazina & Mike (Area 4 & County Co-coordinator)**; Smith, Romaine; Robinette, Clyde; **Ott, Bonnie (Area 6 Coordinator)**; Holdridge, Emy; Orr, Richard; Hubbel, John; Probst, Susanne;



Olsen, Daryl; Solem, Jo; Muller, Sue. Counters identified 22 species [37 in 2012] of butterflies and moths for a total of 302 sightings [407 in 2012]. For the dragonflies and damselflies, there were 15 species [13 in 2012] and 126 sightings [142 in 2012]. See the table for greater detail. The butterfly numbers appear to be down significantly but when compared to the unexpectedly large numbers seen during July and August, it's not surprising they're not here in September as well. The dragonfly/damselfly numbers do not appear to have changed appreciably from last year's.

Plan now to join us on a future seasonal count and if possible attend the tally as well. Next year the 2014 Fall Count will be held on the 3rd Saturday of September which will be the 20th.