Editor: Judith Fortney PO Box 51969 Durham NC 27717 jafortney1@aol.com

The Bulletin Chapel Hill Bird Club

February 2013 Volume 41 http://chbc.carolinanature.com

No.2

Next Meeting: Monday, 25 February

When/where: 7:15 pm

refreshments;

7.30 pm meeting. The lounge, Olin T Binkley Baptist Church, corner of Highway 15-501 Bypass and Willow Drive, behind University Mall, Chapel Hill.

25 February 2013: Allen Hurlbert, Assistant Professor of Biology, University of North Carolina, Chapel Hill. *Understanding* Patterns of Bird Diversity

Dr Alan Hurlburt studies the structure of ecological communities and the processes that shape them. Using experiments, mathematical models and global data bases, he and his students work with vertebrate (especially bird), invertebrate and plant communities. He teaches courses on ecology, biodiversity and avian biology. He will describe continental patterns of bird diversity based on data from the North American Breeding Bird Survey, as well as field work in the southern Appalachians and

characterize some of the ecological factors that might be important to birds

Saturday Field Trips

Trips are led by **Doug Shadwick** and depart from Glen Lennox Shopping Center parking lot off Highway 54 promptly at 7.30 every Saturday morning. All skills are welcome. Trips are usually over by noon. Dress for the weather and for walking. Details? Call Doug at 919 942 0479. It's useful to call Doug the night before in case the field trip is not local and leaves from another location.

2012 Chapel Hill Spring Bird Count — Compiler's Comments

Will Cook

The Chapel Hill spring count on May 12 was pretty normal overall, with 122 species, near the 10-year average of 124 species. Observer

effort was well below average at 124 party-hours (average 147.5), and so the number of individual birds counted was a low 8997 (average 10747). The number of birds per party-hour, though, was as normal as you can get (72.6, average 72.6).

The outstanding rarity of the count this year was the same species as the outstanding rarity last year: King Rail. Ginger Travis and Marty McClelland heard three calling from the rushes at the Morgan Creek arm of Jordan Lake, which they covered by kayak, and Dave Curtin saw one in flight at the Little Creek impoundment. This is only our third for the count, with the first only in 2008, though they have nested at Mason Farm. Perhaps they're not all that rare, but just have gone unnoticed in past counts.



Gray-cheeked Thrushes

King Rail

appeared on the count for the first time in a decade, as seen by Tom Driscoll's party and heard by Ali Iyoob (they have a distinctive nocturnal flight call). Will Cook and company found a few good birds at the southwest Durham

wastewater plant, including Lesser Yellowlegs and Least Sandpipers. Yellow-crowned Night-Herons used to be rare on the count, but lately they're being found in increasing numbers as more are breeding near impoundments on the outer fringes of Jordan Lake. This year Scott Winton and Mike Schultz got 10 at the New Hope Creek impoundment on NC 54. Other goodies: Northern Harrier, American Woodcock (flushed at Mason Farm), Eastern Screech-Owl, and a late Yellow-bellied Sapsucker. Some great count week birds: on May 10 Lois Schultz saw a late Dark-eyed Junco and on May 13 Ali Iyoob got Blackburnian, Canada, and Wilson's Warblers at Mason Farm.

We set only a few record highs: the total of 6 Cooper's Hawks edges past the old record of 5 set in 1999, the 4 King Rails beat last year's 2, 29 Least Sandpipers easily surpasses the 20 in 1996, and 10 Great Egrets ties the tallies from 2002 and 2007.

The big miss this year was Yellow-rumped (Myrtle) Warbler, the first miss in the history of the count, which started in 1952. This year's count was a week later than average to avoid a conflict with the Carolina Bird Club's 75th anniversary meeting, but we've had several counts as late or later. We get 89 Myrtles on an average spring count. We set two other record lows: 37 Wood

Thrushes and 1 White-throated Sparrow. We average 101 on a spring count, but the last 5 years have all been below average. Many observers have noted the decline of Wood Thrushes in recent years. The lack of Whitethroated Sparrows is no doubt related to the late date of the count (51 on an average count). Other unusually scare species include Canada Goose (lowest since 1997), Wood Duck (1990), Black-and-white Warbler (2000). Black-throated Blue Warbler (2000), Prairie Warbler (1989), Eastern Towhee (1999), Swamp Sparrow (1996), Scarlet Tanager (1996), Northern Cardinal (1999), and Red-winged Blackbird (1999).

Team honors: Pam Timmons and Perry Haaland, covering the Dairyland Road area, got the top species count with 82, edging out Ali lyoob at Battle Park with 80 and Will Cook's Mason Farm team with 79. Bob Chase counted the most individual birds, 882.

Weather in brief: low 48F, high 76F; wind SSW 5-10 mph; mostly cloudy with no rain.

Thanks to all 39 field counters and 2 feeder watchers!

Future Meetings

25 March 2013: **Michael Tove**, Chair of the state records committee. What is a Records Committee? And why do we care?.

April 2013: **David Smith.** President of the Chapel Hill Bird Club. *Birds (and wildlife) in Kenya.*

20 May 2013: **Norm Budnitz**, science teacher par excellence. *Birding islands in the Bering Sea*

Officers of the Chapel Hill Bird Club

Elected Officers

President: David Smith

(davidjudysmith@frontier.com)

Vice President (Durham area): Judy Smith (davidjudysmith@frontier.com) Vice President (Chapel Hill area):

Kent Fiala (kent.fiala@gmail.com)

Treasurer: Patrica Bailey (pbailey_489@yahoo.com)
Secretary: Edith Tatum

(etatum@nc.rr.com)

Appointed Officers

Bird Count Supervisor/compiler:

Will Cook (cwcook@duke.edu)

Field Trip Chairman: Doug Shadwick

(dougshadwick@nc.rr.com) **Bulletin Editor:** Judith Fortney

(jafortney1@aol.com)
Webmaster: Will Cook
(cwcook@duke.edu)

2012 TRIANGLE AREA SPRING BIRD COUNT TOTALS

4/25 4/26 4/29 5/6 5/12 — Chapel Hill Observer Party Number —

GOOSE, Canada 97 120 88 203 217 22 8 24 1 8 8 17 55 2 8 4 10 9 36 2 3 DUCK, Wood 7 12 90 82 17 2 1 6 3 2 1 6 3 2 1 1 6 6 3 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Species	FL	KL	Dur	JL	СН	1			4		6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
MAILASP	GOOSE, Canada	97		88				8		24	1	8	8			55	2	8	4								3	
TRAI, New-winged CAUPL GREATERY SER STATEMENT NEW MITHER STATEMENT NE	DUCK, Wood	7	12										1	_			1			6		3		2				
SKAFF, GERAFER S	MALLARD	26	4	23	53	44	2	3		2		4		1	2	21		4	1		1					2	1	
HINGANNEH Honded 1	TEAL, Blue-winged		4	5																								
REFIREAD Red breasted 1			5																									
MIRICIANER, Misself HICK, Roudy 1			4																									
Rock-Preseased 4 11			1																									
Mile	MERGANSER, Hooded		1																									
TURKEY, Wild 2			4	11																								
SOBMETER Northern		1																										
LOON, Common		2	6		9	4					1												2	1				
Cornect 10 20 4 1 1 2 4 1 2 4 1 2 4 1 2 4 1 2 4 1 2 4 1 2 4 1 2 4 4 2 2 2 2 2 1 3 7 1 1 4 2 3 1 1 3 4 4 3 3 5 6 4 7 11 1 4 4 3 3 5 6 4 7 11 1 4 4 4 5 6 4 7 11 1 4 4 5 6 4 7 11 1 4 4 5 6 4 7 11 1 4 4 5 6 4 7 11 1 4 4 5 6 4 7 11 1 4 4 5 6 4 7 11 1 4 4 5 6 4 7 11 1 4 4 5 6 6 6 6 7 7 1 1 1 4 6 7 7 7 1 1 1 4 4 2 3 17 18 8 4 63 3 5 5 1 6 6 6 6 6 7 7 7 7 7	,		4	2	4	1																				1		
Horneric 1			6		1																							
CORMORANT, Double-cerested 110 204 409 484 699 1		1	2	4	1																							
BITTER, American Fig. 1		110	204	100	104								20								_					- 4		
HERON, Great Blue		110	204	409	484	69							30						- 6	4	1/	11	1			4		6
Scheel			22	1 70	200	1.50	_					1	7	- 1	1	1	4			17	10			- (2		1.5	1	
HERON, Green	*	69		/0	200						1	- 1		1	1	1	4	- 2	3	1/			4	63		15	1	6
NIGHT-HERON, vellow-crowneds			2	1	1								1			2					8	1	1					
BIBN. CLOSNY 1			1	5	8		6						7	2		3				2			1			1		
VILITURE, Block 28 101 29 120 83 1 2			- 1			10							7	3														
Turkey	,	20	101	20	120	0.2	-	2		- 7	2	1			2	- 1	-	-	2	11			11	10	- 1		2	1.4
DSPREY 31 22 29 69 16							12			-			1			-		-				2			_			
EAGLE, Bold adult 6 imm: 7							13	13		4	6	1				3	1/	11	5					14	1/		4	1/
AARRIER, Northern		31	22				\vdash			1			1		2		1	1	1							1		_
IAWK. Sharp-shinned		8	4	10	58										1		- 1		1		4	3				- 1		_
Cooper's		2	_	_		2																						
Accipier sp.				2	1	1									2									_				l
Red-shouldered 11 5 20 26 29 1 4 1 2 1 1 2 2 4 3 1 1 2 1 1 2 1 1 2 1 1		1		4	1	0									3													
Broad-winged			_		_	1											_										-	
Red-tailed 9 4 12 20 27 2		11	5	20	26	29	- 1			- 1	2	1	1	2	2	4				I		1	2		I		2	
KESTREL, American CW S COOT, American CW S RILLDEER 28 16 11 33 4				1		2		1									- 1											
RAIL, KING COY, American CW 5 CHILDEER 28 16 11 34 4		9	4	12	20	27	2			2	1				4	5	4	2			1		1	1	2	1	1	
COOT, American CW STLIDER 28 16 11 34 37 10 1			- 1	3	1																							
VELLOWLEGS, Greater			_	1	3	4							1								3							_
YELLOWLEGS, Greater YELLOWLEGS, Greater YELLOWLEGS, Lesser SANDPIFER, Solitary 1					2.4	2.5	10						-				0											_
VELLOWLEGS, Lesser		28		11	34	37	10	1			1		5		- 1	3	8	I	4				1	- 1		- 1		
SANDPIPER, Solitary			6																									
Spotted 12 19 10 31 29 4				1.4	1.0	1							_				-											
Least		1	10			•	L .			_							-			_		_						
WOODE/Cock American		12	19	10	31		4			- 2			4			8				3	1	2	1			22		
SNIPE, Wilson's						29											1									22		
GULL, Bonaparte's 7 6	*		-			1											I											_
Ring-billed 110 35 51 27					1																							
Laughing		110			1																							
TERN, Common 1 1 3 3 5 1 1 1 3 5 1 5 5 5 5 5 5 5 5		110	35	51	27																							
TERN, Caspian 1	0 0		- 1		- 1																							
PIGEON, Rock 5		1	12																									_
DOVE, Mourning 64 90 96 279 238 22 14 14 16 6 4 5 6 32 9 21 4 21 3 11 8 12 11 1 1 1 17 CUCKOO, Yellow-billed 2 20 15 13		1	12				- 11						2		0	_												
CUCKOO, Yellow-billed		5	00					1.4		1.4	17			-			0	21		2.1	2	11	0	10	1.1	1	1	17
OWL, Eastern Screech- Great Horned 3		64	90				22	14		14	16	$\overline{}$	4	3	- 6	32		21			3	11			11	1	1	1 /
Great Horned 3		,		20		13	— ,					1			- 1	1						1	1	1				
Barred	2	1		1	2	1	1	1																				—
CHUCK-WILL'S-WIDOW WHIP-POOR-WILL SSWIFT, Chimney 50 2 64 135 116 7 9 1 1 3 2 3 6 1 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		3	_	1	10	1		•			1				1	1	2					,	_	-		1		_
WHIP-POOR-WILL 5 3 8 9 1 3 8 1 1 1 3 2 30 10 9 4 8 4 10 4 15 15 HUMMINGBIRD, Ruby-throated 6 4 18 23 43 2 3 3 5 1 1 1 1 1 4 14 1 1 1 3 1 1 1 2 3 3 KINGFISHER, Belted 7 4 8 10 7 2 2 2 3 5 1 1 1 2 2 1 1 1 2 2 1 1 4 3 3 1 1 2 2 3 3 5 1 1 1 1 2 2 1 1 1 6 9 2 2 3 5 5 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		4	3	8	10	16	2		2	- 2	I				1	1	2					1	2			1		
SWIFT, Chimney		/			1	0	$\vdash \vdash$															0						\dashv
HUMMINGBIRD, Ruby-throated 6 4 18 23 43 2 3 5 1 1 1 4 14 1 1 3 1 1 2 3 3 KINGFISHER, Belted 7 4 8 10 7 2 2 2 3 3 5 1 1 1 2 2 1 1 2 2 1 1 4 3 3 1 1 2 2 3 3 2 5 1 1 2 1 2 2 1 1 4 3 3 1 1 1 2 2 3 3 3 1 1 1 2 2 3 3 3 1 1 1 2 2 3 3 3 1 1 1 2 2 3 3 3 1 1 1 3 3 1 1 1 2 3 3 3 1 1 1 3 3 1 1 1 2 3 3 3 1 1 1 3 3 1 1 1 2 3 3 3 3			_ ^	C 4	125					- 0		1	2		20	10	0	4		0				10	4			15
KINGFISHER, Belted 7 4 8 10 7 2 2 1 1 12 2 1 1 1 2 1 1 4 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			_						2			1			30	_		4			2			10				
WOODPECKER, Red-headed 22 11 20 52 30 2 1 12 2 1 1 2 1 4 3 1 Red-bellied 60 30 71 182 184 10 14 3 25 15 5 7 7 3 21 10 13 2 9 2 7 11 6 9 2 3 SAPSUCKER, Yellow-bellied cw 1 1 4 6 2 6 11 1 2 3 2 5 9 15 WOODPECKER, Downy 23 8 35 53 97 6 5 5 14 1 4 6 2 6 11 1 2 3 2 5 9 15 Hairy 7 3 5 16 12 2 2 1 1 1 3 1 1		0	4			43	H 2	2		3	1		1		1		14	1		1	3	1	1				-	_3
Red-bellied 60 30 71 182 184 10 14 3 25 15 5 7 7 3 21 10 13 2 9 2 7 11 6 9 2 3 SAPSUCKER, Yellow-bellied cw 1 1 0 0 0 0 0 0 0 0 0 1 1 0 <		22	11			20	2			1	12	2	1					2		1		A		2				
SAPSUCKER, Yellow-bellied cw 1									1	- 1				7	2	•	10		2	1	2				0		2	-
WOODPECKER, Downy 23 8 35 53 97 6 5 5 14 1 4 6 2 6 11 12 2 2 1 1 1 1 2 3 2 5 9 15 Hairy 7 3 5 16 12 2 2 2 1 1 1 1 2 1 2 1 1 1 1 3 1 1 4 4 4 4 1 2 1 1 1 1 3 1 1 4 4 4 4 4 4 1 2 1 1 1 1 3 1 1 4 4 1 2 1 1 1 1 1 3 4 1 2 5 5 4 1 2 1 1 1 1 3 4 <t< td=""><td></td><td>00</td><td>30</td><td></td><td>182</td><td>184</td><td>10</td><td>14</td><td>)</td><td>23</td><td>13</td><td>3</td><td>/</td><td>/</td><td>3</td><td>21</td><td>10</td><td>13</td><td>2</td><td>9</td><td></td><td></td><td>11</td><td>О</td><td>9</td><td></td><td>2</td><td></td></t<>		00	30		182	184	10	14)	23	13	3	/	/	3	21	10	13	2	9			11	О	9		2	
Hairy 7 3 5 16 12 2 2 2 1 1 1 1 1 2 1 2 1 4 1 4 1 1 2 5 1 1 2 5 1 1 2 1 2 1 2 1 2 1 1 1 1		22	0		52	07		-		1.4	1		4	-	2	-	11	1		2		2	1	-	0			
"Yellow-shafted" FLICKER 13 6 11 29 19 2 1 2 1 3 1 3 1 1 3 1 1 4 Pileated 14 10 13 34 28 4 1 2 1 1 1 1 3 4 1 2 5 WOOD-PEWEE, Eastern 7 1 14 79 41 6 4 1 2 1 1 2 1 2 4 2 8 4 3 1 FLYCATCHER, Acadian 4 7 9 42 76 8 6 8 4 5 1 6 2 1 10 2 1 14 5 1 2 PHOEBE, Eastern 26 11 32 59 47 4 4 1 4 1 1 2 1 6 7 4 1 </td <td></td> <td>23</td> <td>8</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>•</td> <td>1</td> <td>4</td> <td>О</td> <td>1</td> <td></td> <td>11</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>9</td> <td></td> <td></td> <td>13</td>		23	8								•	1	4	О	1		11	1							9			13
Pileated 14 10 13 34 28 4 1 2 1 1 1 1 1 3 4 1 2 5 8 WOOD-PEWEE, Eastern 7 1 14 79 41 6 4 1 2 1 1 2 1 2 1 2 4 2 8 4 3 1 FLYCATCHER, Acadian 4 7 9 42 76 8 6 8 4 5 1 6 2 1 10 2 1 14 5 1 2 PHOEBE, Eastern 26 11 32 59 47 4 4 1 1 2 2 1 6 7 4 1 2 5 1 1		12	_						-			1			1		2			1		1		-	1			
WOOD-PEWEE, Eastern 7 1 14 79 41 6 4 1 2 1 2 1 2 4 2 8 4 3 1 FLYCATCHER, Acadian 4 7 9 42 76 8 6 8 4 5 1 6 2 1 10 2 1 14 5 1 2 PHOEBE, Eastern 26 11 32 59 47 4 4 1 4 1 1 2 2 1 6 7 4 1 1 2 5 1 1				_						_	_					1		_		1		-			1			-4
FLYCATCHER, Acadian 4 7 9 42 76 8 6 8 4 5 1 6 2 1 10 2 1 14 5 1 2 PHOEBE, Eastern 26 11 32 59 47 4 4 1 4 1 1 2 2 1 6 7 4 1 1 2 5 1 1		14	10								1		1		1		-	1										
PHOEBE, Eastern 26 11 32 59 47 4 4 1 4 1 1 2 2 1 6 7 4 1 2 5 1 1		7	1													1			1	2				8				-
PHOEBE, Eastern 26 11 32 59 4/ 4 4 1 4 1 1 2 2 1 6 7 4 1 1 2 5 1 1 FLYCATCHER, Great Crested 45 36 58 174 98 6 2 1 17 8 1 3 2 2 4 4 2 4 7 5 9 11 5 1 4			,													1		2	1			14						2
FLYCATCHER, Great Crested 45 56 58 1/4 98 6 2 1 1/ 8 1 3 2 2 4 4 2 2 4 7 5 9 11 5 1 4				32															_		_	_				1		_
	FLYCATCHER, Great Crested	45	36	58	174	98	6	2	I	17	8	1	3	2	2	4	4		2	4	7	5	9	11	5		I	4

2012 TRIANGLE AREA SPRING BIRD COUNT TOTALS

4/25 4/26 4/29 5/6 5/12 — Chapel Hill Observer Party Number —

Species	FL	KL	Dur	JL	СН	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
KINGBIRD, Eastern	26	36		84	24	3						1		1	2	5	3			4	1	2	2				
SHRIKE, Loggerhead				2																							
VIREO, White-eyed	26	30	69	51	33	2	2				1			2	2	11		1	3		3	2	1	1		1	1
Blue-headed	11	3	4	7	4					1									2				1				
Yellow-throated	7	9	12	23	13	1						1			1	3					3		1	3			
Red-eyed	89	78	159	204	205	14	14	1	21	17	7	-	8	5	14	32		2	13	5		9	8	9		5	6
JAY, Blue	69	36	82	160	166	12	12			12	3		5			16	11		12	4		4	12	5		3	9
CROW, American	175	104	130	358	308	38	22			15	12		5			7	26	5		7	8	30	15	4	1	6	18
Fish	27	29	25	57	54	5	2		2	3	12	2	2			2	20		3	4		2	3	1	- 1	1	5
MARTIN, Purple	10	13	32	71	59				-					12		- 4	1		3	-	5			1		1	41
/ 1	73	11	11	14	13	2						1		12	1		1		2	2			2				41
SWALLOW, Tree			17	155		2	4		2		_	-		_	- 1	- 7	2			1	3	_	3		0		_
N. Rough-winged	65	68	1 /		61	11	4		2		2	3	5	2	5	7	3			1		2	3		8	1	2
Bank			1	3																							
Cliff	51	4	17	173	2		_		4.0			_						2									
Barn	98	65	78	216	49	2	3		10	1	4.0	5	4	_		8	1	3		2			1	4.0			
CHICKADEE, Carolina	134	53	154	250	314	23	24			4			20			24	3	5	8	$\overline{}$		21	10	10		17	24
TITMOUSE, Tufted	143	86	216	361	429	30	20			28	11	20	25			32	17	4	14	10		41	11	11		15	21
NUTHATCH, White-breasted	18	9	9	21	62	7		2		3		3	3	_	_	3	2	1	7		4		2	6			4
Brown-headed	41	24	54	114	92	10	7			4	1	2	3		-	3		2	10	2		8	4	6		2	10
WREN, Carolina	107	57	155	285	442	22	29	_	-	12	23	28	30	4		54	15	2	7	7	10	25	8	16		12	27
House	2		7		33		2		7			3		1	2						1						17
Winter	1																										
Sedge			1																								
GNATCATCHER, Blue-gray	81	44	254	197	220	14	3		19	2	1	8	25	9	14	41		1	20	5	21	10	12	4		7	4
KINGLET, Ruby-crowned	4		5																								
BLUEBIRD, Eastern	100	92	112	236	202	44	16	4	29	8	4	6	7	3	11	5	18		2			10	9	4	1	1	20
VEERY			1		1									1													
THRUSH, Gray-cheeked					3				1					2													
Swainson's			4	1	9				1					8													
Hermit	4		. 6	-					-					<u> </u>													-
Wood	19	23	16	49	37	2	6		2	1	1	3	1	2		2	3	1			2		3	7			1
ROBIN, American	75	30	103	153	333	6	43		17	4	2	9		_		5	24	2				8	9	1	2		40
*	16		59		80		12	1	20	-+	2	1		_		7	4		2				7	1			
CATBIRD, Gray		5		17		2						-	6					_	2	- 1	_	2				_	13
MOCKINGBIRD, Northern	44	51	93	210	179	15	21		7	5	5	8	2			6	18	2	2	1	2	4	9	4	1	5	34
THRASHER, Brown	22	15	38	66	59	3	9		7					5	-	2	1		2			4	1	1			19
STARLING, European	41	116	124	125	211	31	14		19	2	19				20	50	26	3				13	12				2
PIPIT, American			6																								
WAXWING, Cedar	66	2	29	409	159	25	36					18			35	9											36
OVENBIRD	53	39	53	155	93	7	12	1	8	5	1	1	3	3	3	14			1	2	8	8	4	8			4
WARBLER, Worm-eating	1		1	1	1									1													
WATERTHRUSH, Louisiana	6	3	4	14	20	4		1	4		1			2			1				3			3			1
Northern	3	2	20	3	10					1		7		1		1											
WARBLER, Blue-winged	3		1																								
Black-and-white	8	5	36	31	17									4		3		1			4	2	1	2			
Prothonotary	6	24	23	54	32							4			2	3		- 1		11	7	2	2				
Orange-crowned	cw			-											_							_					
Kentucky	1		3		4																3			1			
YELLOWTHROAT, Common	33	26	64	86	117	7	7	_	3	1	2	6	2	2	13	37	1	2	5	1	6	4	5	1		13	-
WARBLER, Hooded	22					3	,		5	- 1		3		2		31	1	1	1	-			- 3	5		3	
REDSTART, American	22	13	17	57	56	1	ر	<u> </u>	5	1		3		6		25		1	1	1	7	3	-	,	\vdash	د	2
PARULA, Northern	23	10		99	71	3	3	-	3	4	1	3	5		_			2			3	3		5			2
WARBLER, Magnolia	_	10	3/	99	71	٥	3	-	3	4	1	٥	3	10	3	2		- 4	/	1	3			3			
	cw	- 1	1	1	- 2										_										\vdash	\rightarrow	
Blackburnian		1	1		cw									cw	—												
Yellow	6	2	11	8	6	2						1		1	l l								1				-
Chestnut-sided				2	1									1													
Blackpoll	L			4	5	1		L			<u>L</u> _	3		1		L_											
Black-throated Blue	7		19	43	15	2	2		1					4	1	3		1				1					
Palm	1	3	1		1									1													
Pine	95	31	83	248	142	10	11	1	10	5	2	11	6	4	10	9		2	11	2	11	19	9	7		2	\neg
Yellow-rumped (Myrtle)	215	316	189	11	0																						\neg
Yellow-throated	26	21	28	85	20							2		1		3		2	3	2	3		3			- 1	1
Prairie	15	17	32	76	24	1	1				1			1	1	1					12		3	2		1	
Black-throated Green	- 13	1,	32	2	1	-					<u> </u>			1		-										-	-
Canada	3				cw			<u> </u>						cw												- 1	-
Wilson's								-						_				-		-			-		\vdash		-
		17	27	40	cw	_		-		•	,			cw	-					-		_		_	\vdash		\dashv
CHAT, Yellow-breasted	4	16	36	49	33	2			2.1	3	1			_	6	6	_				9	2	2	2			
TOWHEE, Eastern	69	25	80	130	175	12		_	21	6	1	6	3	_		8	5	1	8	_	5	3	10	4		1	27
SPARROW, Chipping	137	129		282	212	40	19	2	18	1	1	1	3	3		12	9		4	1	3	32	10	2		20	24
Field	13	17	13	40	16	2									7						6			1			
Vesper			1											L												J]
Savannah	11	9	17	1	0																						
•											-																

2012 TRIANGLE AREA SPRING BIRD COUNT TOTALS

4/25 4/26 4/29 5/6 5/12 — Chapel Hill Observer Party Number —

Species	FL	KL	Dur	JL	CH	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Grasshopper		3	5		3	3																					
Song	5	1	6	2	56	1	2		3			1	2	8	22	2								1			14
Lincoln's			1																								
Swamp	9	15	14		1											1											
White-throated	108	50	51	3	1	1																					
White-crowned		1																									
JUNCO, Dark-eved					cw								cw														
TANAGER, Summer	36	26	33	183	88	14	2		10	7		3	1	5	3	14	2		1	2	8	5	4	6			1
Scarlet	16	10	17	52	32	9			2	- i	1			2		1				1		_	2				
CARDINAL, Northern	230	85	245	466	590	48				16	17	35	16	2		36	36	3	22	5		38	20			15	35
GROSBEAK, Rose-breasted	6	- 02	4	6	4				- ' '		- 1	- 50		4		- 50					<u> </u>	- 50			10		- 50
Blue	9	21	32	96	33	5	3		3		1	2				6			3		5	1	2			2	
BUNTING, Indigo	24	30	121	173	177	13	_		13	7	3	6	9	25	8			2			8	1	10			2	3
BOBOLINK		30	130	78	1//	13			13						_	50			17		-		10				
BLACKBIRD, Red-winged	169	66	80	73	73	13					1	2	- 1	10		5			12	12		2	8		2	5	
MEADOWLARK, Eastern	13	21	31	34	13	13					- 1		1	10					12	12			- 0		-		
GRACKLE, Common	59	157	145	240	194	9	18		6		6	32	2		30	12	11		10	10	6	4	3				35
COWBIRD, Brown-headed	63	67	124	199	165	14			11	6	1	32	7	1	12		6	6	-	10	4	19	4				25
ORIOLE, Orchard	15	24	22	66	21	14	2		11	1	- 1			1	12	1	- 0	- 0	3	6		1)	-	-			1
Baltimore	13	1	1	1	21					1				1		1				0	3	1					1
FINCH, House	38	21	42	76	196	17	13		15		4	15	6	7	26	9	29	1	5			6	12				31
SISKIN, Pine	36	21	42	76	190	1 /	13		13		4	13	- 0	/	20	9	29	1	3			0	12				31
GOLDFINCH, American	140	68	116	195	263	29	9	8	22	2	4	10		8	38	18	10	2	20	3	8	1	21	15		10	25
SPARROW, House	23	23	170	22	48	4	9	0	6		2			25			4		20	3	0	1	21	13		10	23
SPARROW, House	23	23	1 /	22	46	4			- 0					23	3		4										
TOTAL SPECIES 160	115	120	132	120	122	92	61	23	67	50	52	60	44	80	71	70	44	44	58	45	67	61	65	52	20	3.9	60
TOTAL SPECIES 160	115	120	132	120	122	82 776			67 770	50 263			44 277	80 433	71	79 778	44 370	44 103	58 412	45 185		61 470	65 433			38 174	60 702
TOTAL SPECIES 160 TOTAL INDIVIDUALS	115 4367	120 3421	132 5835	120 10471	122 8997	82 776		23 68			52 197		44 277	80 433	71 882			103		45 185			65 433			38 174	
TOTAL INDIVIDUALS	4367		5835	10471	8997	776		68	770						882							470	433				
TOTAL INDIVIDUALS Number of Groups	4367	3421	5835 11	10471	8997	776	581	68	770	263		410			882	778	370	103	412	185	376	470	433	258	79 1		702
TOTAL INDIVIDUALS	4367		5835	10471	8997	776	581	68	770				277	433	882	778					376	470	433				
Number of Groups Number of Participants	4367	3421	5835 11 30	10471	8997 22 39	776 1 2	581 1 2	1	770 1 3	263 1	197	1 2	277 1 1	1 1	1 1	778 1 5	370 1	103	1 1	185	376 1 1	1 1	1 1	258 1 1	79 1	174	702 1 8
Number of Groups Number of Participants Start	4367	3421	5835 11 30 530	10471	8997 22 39	776 1 2	581 1 2	68	770 1 3	263 1 1	197 1 1 700	1 2 615	277 1 1	433 1 1 800	1 1 1 515	778 1 5	370 1 1 645	103	1 1 1 745	185	376 1 1 530	1 1 1 545	433 1 1 630	258 1 1 630	79 1 1 800	174 1 1 745	702 1 8
Number of Groups Number of Participants	4367	3421	5835 11 30	10471	8997 22 39	776 1 2	581 1 2	1	770 1 3	263 1	197	1 2	277 1 1	1 1	1 1	778 1 5	370 1	103	1 1	185	376 1 1 530	1 1	1 1	258 1 1 630	79 1	174	702 1 8
Number of Groups Number of Participants Start End	4367 11 18	8 12	5835 11 30 530 1510	10471 24 55	8997 22 39 515 2000	776 1 2 530 1735	581 1 2 610	68	770 1 3 650 1430	263 1 1 550 1200	197 1 1 700 1230	410 1 2 615 1115	277 1 1 755 1100	433 1 1 800 1900	1 1 515 1730	778 1 5 700 1545	370 1 1 645 1545	103 1 1 900 1100	1 1 1 745 1200	185 1 2 900 1330	376 1 1 530 1230	470 1 1 545 1400	433 1 1 630 1200	258 1 1 630 1900	79 1 1 1 800 1200	174 1 1 745 1100	702 1 8 615 1500
Number of Groups Number of Participants Start End Party Hours: Total	4367 11 18 71.25	8 12 48.25	5835 111 30 530 1510	10471 24 55	8997 22 39 515 2000	776 1 2 530 1735	581 1 2 610 1610	68 1 1 1 600 2000	770 1 3 650 1430	263 1 1 550 1200	197 1 1 700 1230	410 1 2 615 1115	277 1 1 755 1100	433 1 1 800 1900	1 1 1 515 1730	778 1 5 700 1545	370 1 1 645 1545 8.25	103 1 1 900 1100	1 1 1 745 1200 4.25	185	376 1 1 530 1230	470 1 1 545 1400	433 1 1 630 1200	258 1 1 1 630 1900	79 1 1 1 800 1200	174 1 1 745 1100	702 1 8 615 1500
Number of Groups Number of Participants Start End Party Hours: Total Party Hours: On Foot	11 18 71.25 56.75	8 12	5835 11 30 530 1510 64.85 49.6	10471 24 55 156 122	22 39 515 2000 124	776 1 2 530 1735 9.5 8.5	581 1 2 610 1610	68 1 1 600 2000 2.25 2	770 1 3 650 1430 7 6.25	263 1 1 550 1200	197 1 1 700 1230 5.5 4.5	410 1 2 615 1115 5 4.5	277 1 1 755 1100 3 2.5	433 1 1 800 1900	1 1 515 1730 9 7.5	778 1 5 700 1545 8 7.5	370 1 1 645 1545 8.25 2	103 1 1 900 1100 2 1.5	1 1 1 745 1200	185 1 2 900 1330	376 1 1 530 1230 6.5 6.25	470 1 1 545 1400 7	433 1 1 630 1200 5.5	258 1 1 630 1900 5	79 1 1 1 800 1200	174 1 1 745 1100	702 1 8 615 1500 6 5
Number of Groups Number of Participants Start End Party Hours: Total Party Hours: On Foot Party Hours: By Car	71.25 56.75	8 12 48.25	5835 111 30 530 1510	10471 24 55	8997 22 39 515 2000	776 1 2 530 1735	581 1 2 610 1610	68 1 1 1 600 2000	770 1 3 650 1430 7 6.25	263 1 1 550 1200	197 1 1 700 1230	410 1 2 615 1115	277 1 1 755 1100	433 1 1 800 1900 7 6	1 1 1 515 1730	778 1 5 700 1545 8 7.5	370 1 1 645 1545 8.25 2	103 1 1 900 1100	1 1 1 745 1200 4.25	185 1 2 900 1330	376 1 1 530 1230	470 1 1 545 1400	433 1 1 630 1200 5.5	258 1 1 630 1900 5	79 1 1 1 800 1200	174 1 1 745 1100	702 1 8 615 1500
Number of Groups Number of Participants Start End Party Hours: Total Party Hours: On Foot Party Hours: By Car Party Hours: By Bicycle	11 18 71.25 56.75	8 12 48.25	5835 11 30 530 1510 64.85 49.6	10471 24 55 156 122 21.5	22 39 515 2000 124 97 17.5	776 1 2 530 1735 9.5 8.5	581 1 2 610 1610	68 1 1 600 2000 2.25 2	770 1 3 650 1430 7 6.25	263 1 1 550 1200	197 1 1 700 1230 5.5 4.5	410 1 2 615 1115 5 4.5	277 1 1 755 1100 3 2.5	433 1 1 800 1900	1 1 515 1730 9 7.5	778 1 5 700 1545 8 7.5	370 1 1 645 1545 8.25 2	103 1 1 900 1100 2 1.5	1 1 1 745 1200 4.25	185 1 2 900 1330 4.5	376 1 1 530 1230 6.5 6.25 0.25	470 1 1 545 1400 7	433 1 1 630 1200 5.5	258 1 1 630 1900 5	79 1 1 800 1200	174 1 1 745 1100	702 1 8 615 1500 6 5
Number of Groups Number of Participants Start End Party Hours: Total Party Hours: On Foot Party Hours: By Car	71.25 56.75	8 12 48.25	5835 11 30 530 1510 64.85 49.6	10471 24 55 156 122	22 39 515 2000 124	776 1 2 530 1735 9.5 8.5	581 1 2 610 1610	68 1 1 600 2000 2.25 2	770 1 3 650 1430 7 6.25	263 1 1 550 1200	197 1 1 700 1230 5.5 4.5	410 1 2 615 1115 5 4.5	277 1 1 755 1100 3 2.5	433 1 1 800 1900 7 6	1 1 515 1730 9 7.5	778 1 5 700 1545 8 7.5	370 1 1 645 1545 8.25 2	103 1 1 900 1100 2 1.5	1 1 1 745 1200 4.25	185 1 2 900 1330	376 1 1 530 1230 6.5 6.25 0.25	470 1 1 545 1400 7	433 1 1 630 1200 5.5	258 1 1 630 1900 5	79 1 1 1 800 1200	174 1 1 745 1100	702 1 8 615 1500 6 5
Number of Groups Number of Participants Start End Party Hours: Total Party Hours: On Foot Party Hours: By Car Party Hours: By Bicycle Party Hours: By Boat	71.25 56.75 14.5 0.5	3421 8 12 48.25 39.25 9	5835 111 30 530 1510 64.85 49.6 9.25	10471 24 55 156 122 21.5	22 39 515 2000 124 97 17.5 1 8.5	776 1 2 530 1735 9.5 8.5 1	581 1 2 610 1610 6.5 6.5	68 1 1 600 2000 2.25 2 0.25	770 1 3 650 1430 7 6.25 0.75	263 1 1 550 1200 5 5	197 1 1 700 1230 5.5 4.5	410 1 2 615 1115 5 4.5 0.5	277 1 1 1 755 1100 3 2.5 0.5	433 1 1 800 1900 7 6	515 1730 9 7.5 1.5	778 1 5 700 1545 8 7.5 0.5	370 1 1 645 1545 8.25 2 6.25	103 1 1 900 1100 2 1.5 0.5	412 1 1 1 745 1200 4.25 4.25	185 1 2 900 1330 4.5	376 1 1 530 1230 6.5 6.25 0.25	1 1 1 545 1400 7 4 3	433 1 1 630 1200 5.5 5	258 1 1 630 1900 5 5	79 1 1 1 800 1200 4	174 1 1 745 1100 3.25 3.25	702 1 8 615 1500 6 5
Number of Groups Number of Participants Start End Party Hours: Total Party Hours: On Foot Party Hours: By Car Party Hours: By Bicycle Party Hours: By Boat Party Miles: Total	71.25 56.75 14.5 0.5	3421 8 12 48.25 39.25 9	5835 111 300 530 1510 64.85 49.6 9.25 6	10471 24 55 156 122 21.5 12.5	22 39 515 2000 124 97 17.5 1 8.5	776 1 2 530 1735 9.5 8.5 1	581 1 2 610 1610 6.5 6.5	68 1 1 600 2000 2.25 2 0.25	770 1 3 650 1430 7 6.25 0.75	263 1 1 1 550 1200 5 5 6	197 1 1 10 1230 5.5 4.5 1	410 1 2 615 1115 5 4.5 0.5	277 1 1 1 755 1100 3 2.5 0.5	433 1 1 1 800 1900 7 6 1	\$82 1 1 1 515 1730 9 7.5 1.5	778 1 5 700 1545 8 7.5 0.5	370 1 1 645 1545 8.25 2 6.25	103 1 1 1 900 1100 2 1.5 0.5	412 1 1 745 1200 4.25 4.25	185 1 2 900 1330 4.5	376 1 1 530 1230 6.5 6.25 0.25	470 1 1 1 545 1400 7 4 3 6	433 1 1 1 6300 12000 5.5 5 0.5	258 1 1 630 1900 5 5	79 1 1 800 1200	174 1 1 100 3.25 3.25 2.5	702 1 8 615 1500 6 5
Number of Groups Number of Participants Start End Party Hours: Total Party Hours: By Car Party Hours: By Bieyele Party Hours: By Boat Party Miles: Total Party Miles: Total	71.25 56.75 14.5 0.5	3421 8 12 48.25 39.25 9 132.5 25.5	5835 111 300 530 1510 64.85 49.6 9.25 6 63.95 36.75	10471 24 55 156 122 21.5 12.5 251 80.5	22 39 515 2000 124 97 17.5 1 8.5	776 1 2 530 1735 9.5 1 5 3 3	581 1 2 610 1610 6.5 6.5 10.5	688 1 1 1 600 2000 2.25 2 0.25 4 4 2	770 1 3 650 1430 7 6.25 0.75 15.5 10.5	263 1 1 550 1200 5 5	197 1 1 700 1230 5.5 4.5 1 19.5 4.5	11 2 615 1115 5 4.5 0.5 10 5 5	277 1 1 1 755 1100 3 2.5 0.5	433 1 1 800 1900 7 6	882 1 1 515 1730 9 7.5 1.5	778 1 5 700 1545 8 8 7.5 0.5	370 1 1 1 645 1545 8.25 2 6.25 46 2	103 1 1 1 900 1100 2 1.5 0.5	412 1 1 745 1200 4.25 4.25	185 1 2 900 1330 4.5	376 1 1 1 530 6.5 6.25 0.25	1 1 1 545 1400 7 4 4 3 6 6 3	433 1 1 1 630 1200 5.5 5 0.5	258 1 1 630 1900 5 5 5	79 1 1 1 800 1200 4	174 1 1 745 1100 3.25 3.25	702 1 8 615 1500 6 5
Number of Groups Number of Participants Start End Party Hours: Total Party Hours: On Foot Party Hours: By Car Party Hours: By Bieycle Party Hours: By Boat Party Miles: Total Party Miles: Total Party Miles: On Foot Party Miles: By Car	71.25 56.75 14.5 0.5	3421 8 12 48.25 39.25 9	5835 111 300 530 1510 64.85 49.6 9.25 6	10471 24 55 156 122 21.5 12.5	22 39 515 2000 124 97 17.5 1 8.5	776 1 2 530 1735 9.5 8.5 1	581 1 2 610 1610 6.5 6.5 10.5	68 1 1 600 2000 2.25 2 0.25	770 1 3 650 1430 7 6.25 0.75 15.5 10.5	263 1 1 1 550 1200 5 5 6	197 1 1 10 1230 5.5 4.5 1	410 1 2 615 1115 5 4.5 0.5	277 1 1 1 755 1100 3 2.5 0.5	433 1 1 800 1900 7 6 1 9 6	\$882 1 1 515 1730 9 7.5 1.5 12 9 3	778 1 5 700 1545 8 8 7.5 0.5	370 1 1 1 645 1545 8.25 2 6.25 46 2	103 1 1 1 900 1100 2 1.5 0.5	412 1 1 745 1200 4.25 4.25	185 1 2 900 1330 4.5	376 1 1 530 1230 6.5 6.25 0.25	1 1 1 545 1400 7 4 4 3 6 6 3	433 1 1 1 6300 12000 5.5 5 0.5	258 1 1 630 1900 5 5 5	79 1 1 1 800 1200 4	174 1 1 100 3.25 3.25 2.5	702 1 8 615 1500 6 5
Number of Groups Number of Participants Start End Party Hours: Total Party Hours: On Foot Party Hours: By Car Party Hours: By Bicycle Party Hours: By Boat Party Miles: Total Party Miles: Total Party Miles: By Car Party Miles: By Bicycle	71.25 56.75 14.5 0.5	3421 8 12 48.25 39.25 9 132.5 25.5	5835 111 300 530 1510 64.85 49.6 9.25 6 63.95 36.75	10471 24 55 156 122 21.5 12.5 12.5 12.5 158.5	22 39 515 2000 124 97 17.5 1 8.5	776 1 2 530 1735 9.5 1 5 3 3	581 1 2 610 1610 6.5 6.5 10.5	688 1 1 1 600 2000 2.25 2 0.25 4 4 2	770 1 3 650 1430 7 6.25 0.75 15.5 10.5	263 1 1 1 550 1200 5 5 6	197 1 1 700 1230 5.5 4.5 1 19.5 4.5	11 2 615 1115 5 4.5 0.5 10 5 5	277 1 1 1 755 1100 3 2.5 0.5	433 1 1 1 800 1900 7 6 1	\$882 1 1 515 1730 9 7.5 1.5 12 9 3	778 1 5 700 1545 8 8 7.5 0.5	370 1 1 1 645 1545 8.25 2 6.25 46 2	103 1 1 1 900 1100 2 1.5 0.5	412 1 1 745 1200 4.25 4.25	185 1 2 900 1330 4.5 4.5	376 1 1 530 1230 6.5 6.25 0.25	1 1 1 545 1400 7 4 4 3 6 6 3	433 1 1 1 630 1200 5.5 5 0.5	258 1 1 630 1900 5 5 5	79 1 1 1 800 1200 4 4 3	174 1 1 100 3.25 3.25 2.5	702 1 8 615 1500 6 5
Number of Groups Number of Participants Start End Party Hours: Total Party Hours: On Foot Party Hours: By Car Party Hours: By Bieycle Party Hours: By Boat Party Miles: Total Party Miles: Total Party Miles: On Foot Party Miles: By Car	71.25 56.75 14.5 0.5	3421 8 12 48.25 39.25 9 132.5 25.5	5835 111 300 530 1510 64.85 49.6 9.25 6 63.95 36.75	10471 24 55 156 122 21.5 12.5 251 80.5	22 39 515 2000 124 97 17.5 1 8.5	776 1 2 530 1735 9.5 1 5 3 3	581 1 2 610 1610 6.5 6.5 10.5	688 1 1 1 600 2000 2.25 2 0.25 4 4 2	770 1 3 650 1430 7 6.25 0.75 15.5 10.5	263 1 1 1 550 1200 5 5 6	197 1 1 700 1230 5.5 4.5 1 19.5 4.5	11 2 615 1115 5 4.5 0.5 10 5 5	277 1 1 1 755 1100 3 2.5 0.5	433 1 1 800 1900 7 6 1 9 6	\$882 1 1 515 1730 9 7.5 1.5 12 9 3	778 1 5 700 1545 8 8 7.5 0.5	370 1 1 1 645 1545 8.25 2 6.25 46 2	103 1 1 1 900 1100 2 1.5 0.5	412 1 1 745 1200 4.25 4.25	185 1 2 900 1330 4.5	376 1 1 530 1230 6.5 6.25 0.25	1 1 1 545 1400 7 4 4 3 6 6 3	433 1 1 1 630 1200 5.5 5 0.5	258 1 1 630 1900 5 5 5	79 1 1 1 800 1200 4	174 1 1 100 3.25 3.25 2.5	702 1 8 615 1500 6 5
Number of Groups Number of Participants Start End Party Hours: Total Party Hours: On Foot Party Hours: By Car Party Hours: By Bicycle Party Hours: By Boat Party Miles: Total Party Miles: Total Party Miles: By Car Party Miles: By Bicycle Party Miles: By Bicycle Party Miles: By Boat	71.25 56.75 14.5 0.5 107.3 44.5 62.8 2.5	3421 8 12 48.25 39.25 9 132.5 25.5	5835 111 300 530 1510 64.85 49.6 9.25 6 63.95 36.75	10471 24 55 156 122 21.5 12.5 251 80.5 158.5	22 39 515 2000 124 97 17.5 1 8.5 209 88 109 3	776 1 2 530 1735 9.5 8.5 1 5 3 2	581 1 2 610 1610 6.5 6.5 10.5	68 1 1 600 2000 2.25 2 0.25 4 2 2	770 1 3 650 1430 7 6.25 0.75 15.5 10.5	263 1 1 1 550 1200 5 5 6	197 1 1 700 1230 5.5 4.5 1 19.5 4.5	11 2 615 1115 5 4.5 0.5 10 5 5	277 1 1 1 755 1100 3 2.5 0.5	433 1 1 8000 77 6 1 9 6 3	\$882 1 1 515 1730 9 7.5 1.5 12 9 3	778 1 5 700 1545 8 8 7.5 0.5	370 1 1 1 645 1545 8.25 2 6.25 46 2	103 1 1 1 900 1100 2 1.5 0.5	412 1 1 745 1200 4.25 4.25	185 1 2 900 1330 4.5 4.5	376 1 1 1 530 6.55 6.25 0.25 8 8 6 2	1 1 1 545 1400 7 4 4 3 6 6 3	433 1 1 1 630 1200 5.5 5 0.5	258 1 1 630 1900 5 5 5	79 1 1 1 800 1200 4 4 3	174 1 1 100 3.25 3.25 2.5	702 1 8 615 1500 6 5
Number of Groups Number of Participants Start End Party Hours: Total Party Hours: On Foot Party Hours: By Car Party Hours: By Bicycle Party Hours: By Boat Party Miles: Total Party Miles: Total Party Miles: By Gar Party Miles: By Boat Nocturnal Hours	71.25 56.75 14.5 0.5 107.3 44.5 2.5	8 12 48.25 39.25 9 132.5.5 107	5835 111 300 530 1510 64.85 49.6 9.25 6 63.95 36.75	156 122 21.5 12.5 12.5 12.5 12.5 251 158.5	22 39 515 2000 124 97 17.5 1 8.5 209 88 109 3 3 3	776 1 1 2 2 530 1735 9.5 5 1 1 5 3 2 2	610 610 6.5 6.5 10.5	68 1 1 1 2000 2.25 2 0.25 4 2 2 0.5	770 1 3 650 1430 7 6.25 0.75 15.5 10.5	263 1 1 1 550 1200 5 5 6	197 1 1 700 1230 5.5 4.5 1 19.5 4.5	11 2 615 1115 5 4.5 0.5 10 5 5	277 1 1 1 755 1100 3 2.5 0.5	433 1 1 1 800 1900 7 6 1 9 6 3	882 1 1 1 1 515 1730 9 7.5 1.5 12 9 3 3	778 1 5 700 1545 8 8 7.5 0.5	370 1 1 1 645 1545 8.25 2 6.25 46 2	103 1 1 1 900 1100 2 1.5 0.5	412 1 1 745 1200 4.25 4.25	185 1 2 900 1330 4.5 4.5	376 1 1 1 230 6.5 6.25 0.25 8 8 6 6 2 2	1 1 1 545 1400 7 7 4 4 3 6 6 3	433 1 1 1 630 1200 5.5 5 0.5	258 1 1 630 1900 5 5 5	79 1 1 1 800 1200 4 4 3	174 1 1 100 3.25 3.25 2.5	702 1 8 615 1500 6 5
Number of Groups Number of Participants Start End Party Hours: Total Party Hours: On Foot Party Hours: By Car Party Hours: By Bicycle Party Hours: By Boat Party Miles: Total Party Miles: Total Party Miles: By Car Party Miles: By Bicycle Party Miles: By Bicycle Party Miles: By Boat	71.25 56.75 14.5 0.5 107.3 44.5 62.8 2.5	3421 8 12 48.25 39.25 9 132.5 25.5	5835 111 300 530 1510 64.85 49.6 9.25 6 63.95 36.75	10471 24 55 156 122 21.5 12.5 251 80.5 158.5	22 39 515 2000 124 97 17.5 1 8.5 209 88 109 3	776 1 2 530 1735 9.5 8.5 1 5 3 2	610 610 6.5 6.5 10.5	68 1 1 600 2000 2.25 2 0.25 4 2 2	770 1 3 650 1430 7 6.25 0.75 15.5 10.5	263 1 1 1 550 1200 5 5 6	197 1 1 700 1230 5.5 4.5 1 19.5 4.5	11 2 615 1115 5 4.5 0.5 10 5 5	277 1 1 1 755 1100 3 2.5 0.5	433 1 1 8000 77 6 1 9 6 3	882 1 1 1 1 515 1730 9 7.5 1.5 12 9 3 3	778 1 5 700 1545 8 8 7.5 0.5	370 1 1 1 645 1545 8.25 2 6.25 46 2	103 1 1 1 900 1100 2 1.5 0.5	412 1 1 745 1200 4.25 4.25	185 1 2 900 1330 4.5 4.5	376 1 1 1 530 6.55 6.25 0.25 8 8 6 2	1 1 1 545 1400 7 7 4 4 3 6 6 3	433 1 1 1 630 1200 5.5 5 0.5	258 1 1 630 1900 5 5 5	79 1 1 1 800 1200 4 4 3	174 1 1 100 3.25 3.25 2.5	702 1 8 615 1500 6 5
Number of Groups Number of Participants Start End Party Hours: Total Party Hours: On Foot Party Hours: By Car Party Hours: By Bicycle Party Hours: By Boat Party Miles: Total Party Miles: Total Party Miles: By Gar Party Miles: By Boat Nocturnal Hours	71.25 56.75 14.5 0.5 107.3 44.5 2.5	8 12 48.25 39.25 9 132.5.5 107	5835 111 300 530 1510 64.85 49.6 9.25 6 63.95 36.75	156 122 21.5 12.5 12.5 12.5 12.5 251 158.5	22 39 515 2000 124 97 17.5 1 8.5 209 88 109 3 3 3	776 1 1 2 2 530 1735 9.5 5 1 1 5 3 2 2	610 610 6.5 6.5 10.5	68 1 1 1 2000 2.25 2 0.25 4 2 2 0.5	770 1 3 650 1430 7 6.25 0.75 15.5 10.5	550 1200 5 5 6 6	197 1 1 700 1230 5.5 4.5 1 19.5 4.5	11 2 615 1115 5 4.5 0.5 10 5 5	277 1 1 1 755 1100 3 2.5 0.5	433 1 1 1 800 1900 7 6 1 9 6 3	882 1 1 1 1 515 1730 9 7.5 1.5 12 9 3 3	778 1 5 700 1545 8 8 7.5 0.5	370 1 1 1 645 1545 8.25 2 6.25 46 2	103 1 1 1 900 1100 2 1.5 0.5	412 1 1 745 1200 4.25 4.25	185 1 2 900 1330 4.5 4.5	376 1 1 1 230 6.5 6.25 0.25 8 8 6 6 2 2	1 1 1 545 1400 7 7 4 4 3 6 6 3	433 1 1 1 630 1200 5.5 5 0.5	258 1 1 630 1900 5 5 5	79 1 1 1 800 1200 4 4 3	174 1 1 100 3.25 3.25 2.5	702 1 8 615 1500 6 5

CH = Chapel Hill count 5/12/12; weather: low 48F, high 76F; wind SSW 5-10 mph; mostly cloudy, no rain

 $Dur = Durham count \ 4/29/12 \qquad FL = Falls \ Lake \ count \ 4/25/12 \qquad KL = Kerr \ Lake \ count \ 4/26/12 \qquad JL = Jordan \ Lake \ count \ 5/6/12$

cw = seen during count week only (within 3 days before or after the count)

Party Areas	Party Members	Party Areas	Party Members
1 1,2,4,7	Pam Timmons, Perry Haaland	13 22S	Phil Warren
2 3,5,6	David & Judy Smith	14 23, 25	Amalie Tuffin
3 4-yard	Cynthia Fox	15 24 - canoe	Ginger Travis, Marty McClelland
4 8,13	Tom Driscoll, Bo Howes, Jill Paul	16 24N-south	Doug Shadwick
5 9,10	Gene Kingsley	17 24N-north	Judy Murray
6 11,12	Kent Fiala	18 24S	Edith Tatum
7 14,17	Scott Winton, Dave Curtin	19 25-home ar	eShelley Theye
8 15	Mike Schultz	20 27-canoe	Terri Buckner
9 16, 29	Ali Iyoob	21 30	Jane Oliver
10 18	Bob Chase	22 32	Maurice Graves, Steven Graves, Richard Graves, David Murdock, Mary Cavenar
11 20, 22N	Will Cook, Catherine & Tony Carter, Peter Perlman, Mark Kosie	ewski	Dietz Kessler, Lynn Ogden, Nancy Hinrichs
12 21	Ken Lundstrom		Feeders: Caroline Pederson, Florence McCachren