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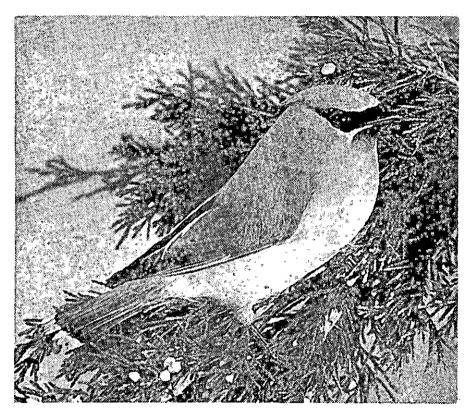
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The Kentucky Warbler

Vol. XXXIII

FEBRUARY, 1957

No. 1



Cedar Waxwing, photograph by H. Harold Davis, Courier-Journal Photographer

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NEWS AND VIEWS

NEW CHAPTER TO BE AT ASHLAND

Our Mr. Okie S. Green announces that everything is now ready to start an East Kentucky chapter of the Kentucky Ornithological Society. We welcome the new regional club and hope that it will bring much satisfaction to the members and to our parent organization.

A CHRISTMAS CASUALTY

Bert (A. L.) Powell, of Maceo, had great plans for his Christmas Bird Count in the Owensboro region. Christmas Eve was very rainy and windy; the count had to be called off. The only other available days found Mr. Powell sick with old-fashioned influenza. We extend our sympathy to him, for a similar attack prevented the editor from attending the fall meeting at Marion, away back in the history of our

(Continued on Page 16)

COOPERATIVE BREEDING BIRD LIST FOR KENTUCKY, 1956

Rodney M. Hays, Transylvania College

INTRODUCTION. This, the second cooperative breeding bird list compiled by the members of the K. O. S., is not as inclusive as the one published by Dr. Land for 1951 in The Kentucky Warbler. There is no claim that this list is a complete list nor even that it approaches that status. Many birds, long known to breed in Kentucky, are not included only because they were not observed by a contributor during 1956.

Many ornithologists have contributed to this study. In particular, I should like to thank Mrs. Anne L. Stamm, whose assistance has been invaluable. Others, to whom I owe a great debt, are given credit in the appropriate places.

YELLOW-CROWNED NIGHT HERON. Nest with a half-grown young, Lexington, Fayette Co., July 22 (Mayfield).

WOOD DUCK. Two broads of eight young each observed in Caperton's Swamp, Louisville, Jefferson Co., from May 5 to June 17 (Croft). Two broads, same area (and perhaps same young) all through May (A. L. Stamm).

HOODED MERGANSER. Female with nine young in Caperton's Swamp, Louisville, Jefferson Co., on May 5 (Croft). Same brood observed on May 10 (A. L. Stamm).

TURKEY VULTURE. Two downy young about three weeks old, Kleber Song Bird Sanctuary, Owen Co., on June 12 (Mullannix) (F. W. and A. L. Stamm).

RED-SHOULDERED HAWK. Nest with bird incubating, fifty feet up in sycamore tree, observed while on Beckham Bird Club field trip to Shepherdsville, Bullitt Co., on April 8. Nest with two downy young forty-five to fifty feet up in sycamore tree in Cherokee Park on April 27 and 28 (Stamm and Croft). Bird was noted incubating the first week of April. Nest discovered in March, thirty feet up in an oak at Kingfisher Lake, Daviess County; four young successfully raised (Powell).

RUFFED GROUSE. Thirty-eight nests studied in McCreary and Pulaski Counties. Earliest known laying date was April 15, and latest known laying date was May 12 (Hardy).

KILLDEER. Three eggs on top of asparagus row in a small depression, Jeffersontown, Jefferson Co., May 3 (Frank and Mary Krull). Nest on rocky waste area in Cave Hill Cemetery, Louisville, Jefferson Co., with four eggs, March 17 (Slack). A nest with four eggs in grassy area, Cave Hill Cemetery, Louisville, Jefferson Co., on April 8 (Slack).

MOURNING DOVE. Parent bird incubating, Jeffersontown, Jefferson Co., April 28 (Frank and Mary Krull). Observed feeding of two young, Jeffersontown, Jefferson Co., September 15 (Frank and Mary Krull). One egg in nest on April 5; nest deserted on April 9, Louisville, Jefferson Co., (Croft).

YELLOW-BILLED COOKOO. Nest with two eggs built on the overlapping limbs of two young elm trees, Madisonville, Hopkins Co., August 21 (Hancock). Nest with four eggs and bird incubating, Kleber Bird Sanctuary, Owen Co., May 20 (Stamm).

HORNED OWL. Downy young out of nest, Iroquois Park, Louisville, Jefferson Co., April 22, an adult bird nearby (Croft and members of Beckham Bird Club).

BARRED OWL. Two young out of nest and two adults nearby in Cherokee Park, Louisville, Jefferson Co., April 28 (Croft and Stamm).

CHUCK-WILL'S-WIDOW. Nest with eggs, Junior Sportsman Camp on Kentucky Lake, May 21 (Fuller).

NIGHTHAWK. Nest on a gravel roof with two eggs in Frankfort, Franklin Co., May 25 (Ringo).

YELLOW-SHAFTED FLICKER. Young out of nest but not able to fly, St. Matthews, Jefferson Co., June 30 (Stamm).

DOWNY WOODPECKER. Five young out of nest, Owen Co., May 20 (Stamm and Lovell). Nest with one young nearly ready to leave and another young nearby, Seneca Park, Louisville, Jefferson Co., May 23 (Croft).

KINGBIRD. Nest located in sycamore tree at intersection of Eastern Parkway and Shelby in Louisville, Jefferson Co. The nest was near the end of a branch overhanging the street, at a height of a little above the telephone poles. Nest observed from June 11 to June 18. On June 29, an adult and young observed feeding about two city blocks south of nest (Shannon). Two young out of nest in Washington County, June 24 (Croft). One young out of nest in Nelson Co. on June 24 (Croft). Fledging, August 13, two miles east of Jeffersontown on Rt. 155, Jefferson Co. (Stamm).

CRESTED FLYCATCHER. Parents feeding young, Owen Co., June 26 (Stamm).

PHOEBE. Nest in culvert with three newly hatched young, Owen Co., June 4 (Stamm).

WOOD PEWEE. A young out of nest fed by parent at Caperton's Swamp, Louisville, Jefferson Co., August 25 (Edwards, Sommers, and Shannon).

. HORNED LARK. Three eggs in nest found May 15, Jeffersontown, Jefferson Co. (Frank and Mary Krull).

BANK SWALLOW. Parent birds feeding young, on upper half of Twelve Mile Island (east of Louisville on Ohio river), June 28 (Slack).

BARN SWALLOW. Nest with one egg, located on top of porch light, Louisville, Jefferson Co., May 6 (Tabler). Another nest, or second brood, with one egg found on July 1, Louisville, Jefferson Co. (Tabler).

CLIFF SWALLOW. Fifteen or twenty nests at Kentucky Dam Village, Marshall Co., on the lock wall (west side), discovered on May 5 (Lancaster).

PURPLE MARTIN. Nesting in Martin house, Kleber Bird Sanctuary, Owen Co., during May and June (Lovell and Stamm).

BLUE JAY. Nest in cedar with three eggs, Kleber Bird Sanctuary, Owen Co., May 5 (Stamm). Fledgings being fed by parent birds, Louisville, Jefferson Co., August 11 (Stamm).

CROW. Nest in elm with young, Cherokee Park, Louisville, Jefferson Co., May 6 (Stamm).

TUFTED TITMOUSE. Nest with five young located in post hole at edge of Jefferson Co. Forest near Bullitt Co. line (Slack and F. W. Stamm).

HOUSE WREN. Nest in a bird box twelve feet up in an apricot tree in a back yard on S. Seminary Street, Madisonville, Hopkins Co. Young calling, June 20 (Hancock). Nest with six newly-hatched young in yard at Lakeside Drive, Louisville, Jefferson Co., May 25 (Stamm).

BEWICK'S WREN. Nest containing young found near the museum of Bernheim Forest, Bullitt Co., May 19 (Beckham Bird Club members).

CAROLINA WREN. Nest in garage with four eggs, Holzclaw Hill, borders Jefferson Co. Forest, June 2 (Deane). Nest in mail box, five eggs, edge of Jefferson Co. Forest near Bullitt Co. line, June 2 (Stamm). Nest on mowing machine with four eggs, Owen County (Stamm.)

MOCKINGBIRD. Nest located in young Chinese elm, about ten feet from the ground. Incubation observed from July 25 to July 28, when the parent was discovered imprisoned in basement. On release the bird paid a visit to nest but deserted it permanently afterwards, Louisville, Jefferson Co. (Shannon). Nest in cedar tree containing young, Fern Creek, Jefferson Co., first observed July 19; young left nest on July 29 (Stamm). Nest in cedar fifteen feet up with three eggs in mid-June, Prospect, Jefferson Co. (Croft). Nest with two young observed April 28, Louisville, Jefferson Co. (Frank and Mary Krull). Nest in holly tree with young, Cave Hill Cemetery, Louisville, Jefferson Co., observed on June 8 (Stamm).

CATBIRD. Young cathirds out of nest and still being fed by the parents, Louisville, Jefferson Co., September 7 (Stamm). Nest seven feet up in cedar with four eggs, Kleber Bird Sanctuary, Owen Co., May 20 (Lovell).

ROBIN. Nest on top of brush pile with four young almost fledged, off Lime Kiln Road, Louisville, Jefferson Co., May 6 (Stamm and Tabler). Nest on edge of porch pillar with four fully feathered young, April 19, Broadmeade and Trevillian, Louisville, Jefferson County (Stamm). Nest with four eggs; another with first incubating, Cave Hill Cemetery, Louisville, Jefferson Co., April 17 (Slack). Nest atop a brick column under front porch with one egg each day on April 3, 4, and 5, hatched on April 20, birds left nest on May 2, Vermont Avenue, Louisville, Jefferson Co. (Niemeier).

WOOD THRUSH. Nest with one egg of host and one egg of Cowbird, Bernheim Forest, May 19 (Beckham Bird Club members).

BLUEBIRD. Four young in box, June 15. All four birds finally killed by sparrows, Jeffersontown, Jefferson Co. (Frank and Mary Krull). Nest with four eggs in gourd, Girl Scout Camp, Shepherdsville, Bullitt Co., April 8 (Beckham Bird Club members). Female carrying nesting material on June 26, Owen Co. (Stamm).

BLUE-GRAY GNATCATCHER. Pair building nest, Iroquois Park, Louisville, Jefferson Co. (Beckham Bird Club members). Nest being built thirty feet up in an oak tree on May 5; bird incubating on May 20, Kleber Bird Sanctuary, Owen Co. (Stamm).

CEDAR WAXWING. Nest in tree on bank of Fern Creek, Jefferson Co., too high to investigate but appearance of incubation, August 28 (Stamm). Fledging observed with parent on August 13, two miles east of Jeffersontown, on Rt. 155, Jefferson Co. (Stamm).

LOGGERHEAD SHRIKE. Nest with five young almost fledged near Georgetown, Scott Co., May 16 (Stamm). Nest with tiny young located about twelve feet up in tree along roadside on Springdale Road, Jefferson Co., April 30 (Stamm).

STARLING. Parent birds feeding young in cavity of sycamore tree in Cherokee Park, Louisville, Jefferson Co., May 26 (Stamm).

RED-EYED VIREO. Nest with one host egg and two fledging Cowbirds, June 12, Owen Co. (Stamm).

WARBLING VIREO. Bird sitting on nest and incubating believed started; the nest was about forty feet up in a hackberry along the edge of a new subdivision off Limekiln Lane, Jefferson Co., May 5 (Stamm).

BLACK AND WHITE WARBLER. Nest with four newly-hatched young at Bernheim Forest, Bullitt Co., May 19 (Stamm and Slack).

PRAIRIE WARBLER. Nest on May 20 with one host egg and one Cowbird egg; it contained one young Cowbird, June 4, Kleber Bird Sanctuary, Owen Co. (Stamm).

LOUISIANA WATER THRUSH. Parent bird with food in bill at Bernheim Forest, Bullitt Co., May 19 (Stamm).

KENTUCKY WARBLER. One young out of nest at Caperton's Swamp, Louisville, Jefferson Co., June 21 (Croft).

YELLOW-THROAT. Adult parent bird with food in bill, much distressed, Owen Co., June 26 (Stamm).

YELLOW-BREASTED CHAT. Nest with four eggs, Louisville, Jefferson Co., May 20 (Lovell). Two newly hatched young in black-berry patch but nest placed in coralberry, Owen Co. (Stamm).

ENGLISH SPARROW. Nest under eaves of house at Lakeside Drive; Louisville, Jefferson Co., with three eggs, May 29 (Stamm).

MEADOW LARK. Four eggs, May 15—all four young raised, Jeffersontown, Jefferson Co. (Frank and Mary Krull).

ORCHARD ORIOLE. Building nest in very top of dogwood, May 6. This nest abandoned. June 1, discovered new nest about fifty feet high in scarlet oak. June 15, four very young orioles found at bottom of tree. Three dead, one young bird raised, Jeffersontown, Jefferson Co. (Frank and Mary Krull). Nest found about sixty feet up in large sycamore at Kleber Bird Sanctuary, Owen Co., on June 4. On June 26 the parents were feeding the young (A. L. Stamm).

BALTIMORE ORIOLE. One young out of nest being fed by female in the yard at Louisville, Jefferson Co., June 15 (Stamm).

PURPLE GRACKLE. Birds carrying nesting material to evergreen tree, Cave Hill Cemetery, Louisville, Jefferson Co., April 1 (Stamm). Bird incubating and nest placed twenty feet up in a maple at Fairview Beach, Louisville, Jefferson Co., April 28 (Stamm and Slack).

SUMMER TANAGER. Building nest on June 12; three eggs in nest on June 26, Kleber Bird Sanctuary, Owen Co. (F. W. Stamm). One young out of nest, Marion Co., June 24 (Croft).

CARDINAL. Nest in cedar tree about four feet from ground. Two young already hatched May 19. Jeffersontown, Jefferson Co. (Frank and Mary Krull). Nest with three eggs built in rose bush in yard at Ferndale Road, Fern Creek, Jefferson Co., April 25 (Stamm). In privet about nine feet up with bird incubating in yard, Louisville, Jefferson Co., July 29 (Stamm).

INDIGO BUNTING. Nest with two eggs, bird incubating and nest, located in grapevine, at edge of Jefferson Co. Forest near Bullitt Co. line, June 2 (Beckham Bird Club members). Nest discovered with one Cowbird egg, Louisville, Jefferson Co., May 20 (Lovell). Nest with one young, Kleber Bird Sanctuary, Owen Co., June 26 (Stamm).

DICKCISSEL. Nest with two eggs and two newly hatched young in fence row, Brownsboro Road, Jefferson Co., June 14 (Stamm).

TOWHEE. Nest with three eggs on the ground in the Elk Creek area, Madisonville, Hopkins Co., fairly well concealed by common cinquefoil, June 10 (Hancock). Nest with three eggs, Bernheim Forest, Bullitt Co., May 19 (Hornemann and members of Beckham Bird Club).

CHIPPING SPARROW. Nest with three eggs, Mammoth Cave National Park, Edmonson Co., June 30 (Croft).

FIELD SPARROW. Nest three and one-half feet up in a persimmon sapling, with three young, Madisonville, Hopkins Co., August 18 (Hancock). In shrub six inches off ground, nest had three eggs and one Cowbird egg, Jeffersontown, Jefferson Co., May 1 (Frank and Mary Krull). Nest with four eggs and one of the Cowbird at Kleber Bird Sanctuary, Owen Co., May 20 (Stamm). Nest with three eggs, Jefferson Co., forest edge, June 2 (Stamm). Four newly-hatched young, Owen Co., July 22 (Stamm).

SONG SPARROW. Nest located in arbor vitae at front doorway, a little less than five feet from ground. On May 30, three eggs found but incubation had not started. On May 31, incubation had started. Two young in nest on June 12. On June 23 the two young left nest and two eggs remained, Louisville, Jefferson Co. (Shannon). Birds were carrying food to young in a nest in a small shrub at lower end of Seneca Park, Louisville, Jefferson Co., May 6 (Stamm).

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MID-WINTER BIRD COUNT 1956-1957	Woodlands 1	Woodlands 2	Marion	Henderson	Madisonville	Sorgho	Bowling Green	Mam. Cave N.P.	Glasgow	Louisville	Otter Creek	Danville	Frankfort	Kleber Sanct,	Willard	Ashland
Com. Loon Hor. Grebe		*			2				Ì,							<u> </u>
Pied-b. Grebe Dc. Cormorant	8	4			2				ļ	1 1		2				
G. B. Heron	1		17	1							ļ	1				
Can. Goose	4000	4800	44	100						39 95	23	29	47			20
Snow Goose	*	3					i			30	20	25	*1	j		20
Blue Goose Mallard	26000	7 27500	12000	63000	600		12	o.]]		آه و	000	9			
Black Duck	4000	3000	4000	5000	000		22	2 2		226 184	14	260 18	160 12			
Gadwall A. Widgeon	25				į	į	Ì		ĺ	2	j	3				•
Pintail	1000	216		16	3	-	2			6		16	ام			
Gw. Teal	6	2		5	ا ا		_		Ī	2		5	4			
Bw. Teal Shoveller		2 2 1			Į	[Į	ļ		[[İ	7			
Wood Duck	*	3	7	4		-	- 1	ļ	;	8		ĺ	- 1			
Redhead		9								1			ł	-	·	
Ring-n. Duck Canvas-back	*	25	4	1 4	60 60		ľ		j	30	- 1		j	ĺ	ĺ	
L. Scaup Duck		20	9	3	90	1				45 126	1	2	-	ŀ	Ī	
Am. Golden-eye			į	i	.	i	i	i		2	i	-	ł	1	l	
Buffle-head Old-Squaw	14	12])		3 2 4	ĺ	1])		ı	
Ruddy Duck	6	8		2	3	-		Į		4	1	4		- 1	1	
H. Merganser Am. Merganser	5 10	6 70	2	[- (l			1		3		ŀ		
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B. Vulture Shsh. Hawk			2	[))		13	5	4 6 *	Ì	ľ		1		
Cooper's Hawk	ł	l	1	1			*	Ì	1	1	1	1	2 1 3		1	1
Red-t. Hawk	6	7	3	-	Į	1(1	1	4	11	_	4	3	6	ł	2
Harlan's Hawk Red-sho. Hawk	1	2			5		3	4	4	12	٠,		- 1]	-	_
Rough-l. Hawk	. 1	~		1	3	- 1	3	2	1	*	1	ŀ	1	1	ŀ	1
Gol. Eagle Bald Eagle	10	1	ĺ	j	į.	ĺ	i	ĺ	ľ	, i	İ	Ì	ij	Ī	į	
Marsh Hawk	13 1	6	5	1	1	1	1		l	8	1			1		
Per Falcon	ĺ	اـ	ļ	1 1			- 1			*	-			-	- 1	-
Spar. Hawk Ruffed Grouse	5	1	4	6	9	1	2		6	4 8		21	8	- 1		3
Bob-white	30	19	34	15	6	-	10	14	2	13	18	- !	22	27	2 9	50
Rn. Pheasant Chukar	[*		- (1	- 1		1			j	4		٦	
Turkey	*	*			-	ļ	ļ	!	Ą	ļ		ļ	6	ļ		
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Coot Killdeer	* 56	7	9		350	ı		j	_	2		8				
W. Snipe	20	- 4	9	14	7	- 1	2		6 1	8	3	15	7	5		15
Least S'piper		_[1	?	- (- 1	ľ	7			1		Ì		
Herring Gull Rb. Gull	3	250	16		*	- {		}		9 38	ţ	- 1	1			
M. Dove	44	28	8	175	. 1	11	91	19	289	229]	5	69	62	1		
Barn Owl Screech Owl]	- 1		4					2]		-		
Horned Owl	-	1	1	3		-	!	*	-	3 3	ļ		2	ļ		3
Barred Owl	1	-	2	1	1	2	1	3	2	2	1			- {		ō
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MID-WINTER BIRD COUNT	Woodlands 1	Woodlands 2	Marion	Henderson	Madisonville	Sorgho	Bowling Green	Mam. Cave N.P.	Glasgow	Louisville	Otter Creek	Danville	Frankfort	Kleber Sanct.	Willard	Ashland
Sheared Owl B. Kingfisher Ysh. Flicker Fil. Woodpecker Rb. W'dpecker Rh. W'dpecker	1 28 5 9 2	16 3 44 2	3 4 3 5	8 7 8 3	1 15 1 7	19 17	11 22 3	2 35 15 28	4 21 12 18 2	2 34 *	30 4 17	1 2	6 10	8	5	6 1 5 4 1
Yb. Sapsucker Ha. W'dpecker Do. W'dpecker Phoebe	2 6 55	4 8 24	4 14	2 15 18	3 8	7 4	9 5 29 3	20 2 23 7	5 1 29 1	3 7 70 1	4 5 19	28 1	5 20	1 1 22 2	4 5	12 12 1
Horned Lark Blue Jay Crow Bc. Chickadee	64 61	36 38	22 14 39	34 2500	5 14 7)	40 13 35	43 192	15 92 92	40 42 185	35 68 443	3 17 34	14 290	14 966	8 19		20 2000 6
Car. Chickadee T. Titmouse	91 32 6	53 34 14	17 28 2	56 34 4 2	17 8 4	13 22	72 54 2	142 28 10	46 49 2	136 174 23 *	63 55 11		75 47	44 66	19 24 2	50 100 6
B. Creeper	11	2 1 68	2 5 11	1 4	1 ₂ 19	6	4 3 52	2 9 1 39	2 3 58	6 2 60	6 39	2 4 75	2 4 16	2 2 28	1 7	2 20 24
Mockingbird Catbird B. Thrasher Robin	2 1 1	33	9 7	28 1 1000	8, 51	5 1	32 64	9 88	30 6	96 4 14	7 1 18	48 3 7	25 14	5 1		2
Her. Thrush Ob. Thrush Bluebird Gc. Kinglet	36	35 2	26	12 1	1i 23	18	8 74 2	14 67 13	1 56 3	52 12	4 39 5	25	18 6	9 4	8	2 24 12
Rc. Kinglet Ced. Waxwing Log. Shrike Starling	36 1 50	8 61	16 300	3 4000		7 106	142 2 317	93 3	3 2 403	1 3 4 5600		3 3940	947	10	80	500
Myrtle Warbler Palm Warbler Eng. Sparrow E. Meadowlark	16 10 135	31 10 250	400 16	135 131	12 94 55	85 30	282 74	65 1 4 1	136 112	3 5 507 242	16 21 26	310	575 56	20 20	12 1	500 6
W. Meadowlark Red-wing	1	100	60	2200	7 25 *		* 8 25	24	1	3 277 48 1060		626	1	2		50 50
Brewer's B'bird Brh. Cowbird Cardinal Pur. Finch	140 1	1 103	150 44	27 51	56	37	167 2	101 42	176 5	433 505	14 57 17	15 182	153	2 64	19	1 50
Goldfinch E. Towhee Sav. Sparrow LeConte's Spar.	150 32 1 2	95 56 4	32 7	5 13	15 15	16 36	207	65 27 1	194 32 2	121 85 3	44 31	9	13 17	36 22	2	50 24
Vesper Sparrow Sc. Junco Oregon Junco Tree Sparrow		478	350 9	4 65	31 4	30 5	97 8	226 1	238	1 525 2 157	288 25	i i	141	508 21	77	100
Chip. Sparrow	6	_	5	40	29	١	24	31	20	1	1	6				1
Field Sparrow Harris's Spar Wcr. Sparrow Wth. Sparrow	2 32	1 125	19 11	43 49 11	29 * 18	15	ĺĺ		38 98 182	2 114	3	92	6 79 31		5	50 6 24

MID-WINTER BIRD COUNT 1956-1957	Woodlands 1	Woodlands 2	Marion	Henderson	Madisonville	Sorgho	Bowling Green	Mam. Cave N.P.	Glasgow	Louisville	Otter Creek	Danville	Frankfort	Kleber Sanct.	Willard	Ashland
Fox Sparrow	4	1		5	3		11	6	11	10	1.		1	22		1
Lincoln's Spar	J	ا ا		ا ا	_		[_1				[_ [
Swamp Spar,		_2		6	3		36	1		50	14 37		9	3		
Song Spar	5	27		9	17	23	33	41	47	218	37	75	36	38	6	50
Lapl. Longspur		_					1			2						
Observers	10		1	9	1	1 29	3 55	17 53	11	27	5	9		6	1	6
Species	63		53			29	55	53	54	90	48				22	48
Individuals	36932	37781	17823	78756	1788	606	2835	1633	2690	17862	1182	7110	3655	1110	301	3873

OUR 1956 CHRISTMAS BIRD COUNT

Here is our summary of the 1956 bird counts, a very good survey of representative parts of the state, especially the western and central. It is to be regretted that there are not some more from the mountain area and the Bluegrass. A total of 123 species, 115 observers (not subtracting the several names that appear on two or more counts), and more than 216,000 individuals should make all of us glad. We have been parts of a great outdoor survey. Several of these counts will also appear in AUDUBON FIELD NOTES in the April, 1957, issue. Though the editor has written cards to thank each group that participated, let him again thank you participants, individually and as groups, for continuing this effective way of arousing local interest in ornithology. The editor himself has now had part in 55 counts, with 37 of the 39 Bowling Green counts being the largest single item in this sum. There is no other community effort of our society that compares with this in bringing seasonal thrills to us all. Plan now, while you remember the good and bad sides of your 1956 count, to make 1957 even better.

KENTUCKY WOODLANDS National Wildlife Refuge (same vicinity as in 1955 with the omission of Sugar Bay, Pisgah Beach, and Kentucky Dam Village areas: open water 15%, marsh 5%, fields 60%, woodlands 20%).—Dec. 27; 6:30 A. M. to 4:30 P. M. Clear; temp. 31 to 60; wind S to SW, 0-5 m. p. h.; small bodies of still water frozen early, thawing by 9:00 A. M. Ten observers in 5 parties (2 in morning, 3 in afternoon). Total party-hours, 24 (19 on foot, 5 by car); total party-miles, 46 (16 on foot, 30 by car). Morning parties: 1. Rockcastle Road, Cumberland River, Empire Road—Megows, Crain, Thompson. Four miles on foot, 3 by car. 2. Headquarters, Duncan Range, Hematite Lake—Sledd, Thursten, Putnam, Hancocks. Four miles on foot. Afternoon parties: 1. Around Hematite Lake, Headquarters—Hancock, Sledd, Thursten. Three miles on foot, 4 by car. 2. Headquarters, Honker Lake, Headquarters—Crain, Putnam, Watson. Four miles on foot, 3. Back Mail Route—Megow and Thompson. One mile on foot, 13 by car. Total, 63 species, about 36,932 individuals. Seen during the official count period: Ring-necked Duck, Snow Goose, Blue Goose, Coot.—NORMAN CRAIN, CHRISTINE HANCOCK, HUNTER M. HANCOCK (compiler), GERHARDT MEGOW, GERLINDA MEGOW, LOREN S. PUTNAM, WILLIAM T. SLEDD, L. D. THOMPSON, RUBE L. THURSTEN, JR., SEDGWICK WATSON.

NOTES ON WOODLANDS COUNT

The report of Mr Sedgwick Watson, assistant refuge manager, on the day before the count contained the following: Canada Goose, 4,000; Snow Goose, 5; Blue Goose, 10; Mallard, 26,000; Black Duck, 6,000; Gadwall, 200; American Widgeon, 2,000; Green-winged Teal, 400; Wood Duck, 300; Ring-necked Duck, 200; Coot, 400. This was on the official record of the Fish and Wildlife Service based on the "block" system used on the refuge. These figures are not included on the figures above.

No actual Turkeys were seen, but tracks and "scratch areas" were very much in evidence.

KENTUCKY WOODLANDS NATIONAL WILDLIFE REFUGE (same general area covered in 1955: 7½-mile radius centering at Laura Lease, extending northward to Kentucky Dam, southward to Rock Castle Road and Mulberry Flat Trail, eastward to Cumberland River, westward to Kentucky Lake; open water, 20%; marsh, 5%; fields, 60%; woodlands, 15%).—Dec. 31; 6:30 A. M. to 5:30 P. M. Clear to partly cloudy; temp. 32 to 46; wind S, 0-5 m. p. h. Five observers in 4 parties. Total party-hours, 18 (10 on foot, 8 by car); total party-miles 82 (12 on foot, 70 by car). Total species, 66; individuals, about 37,781. Seen in area on preceding day: Common Loon, Wilson's Snipe, Ringnecked Pheasant.—EVELYN BARBIG, HOWARD BARBIG, HUNTER HANCOCK (compiler), WILLIAM T. SLEDD, SEDGWICK WATSON.

MARION (Open fields, brush, and roads one mile north of Marion; river bottoms and banks and Hurricane Creek 5 miles from Cave-in Rock and Return).—Dec. 25; 5:00 A. M. to 6:00 P. M. Mostly clear; temp. 30-45. Total, 53 species, about 17,823 individuals.—CHASTAIN L. FRAZER.

NOTES ON MARION COUNT

The 17 Great Blue Herons reported on the count were feeding in the cornfields where I had seen 35 on November 22. What they were eating I could not determine; the place was some hundred yards from water and just dry stalk land. Also on November 22 I saw 17 Roughlegged Hawks soaring a mile below Cave-in Rock. They were sailing over the bottoms, apparently in migration, and were the most of this species I have ever recorded at one time.

HENDERSON (same area as the one covered in many recent years).—Dec. 26; dawn-to-dusk coverage. The Bald Eagle had been seen in the territory but could not be found on the count day. The large duck population was due to two large concentrations that "raft up" on the Ohio River in the daytime. Our Starlings are very numerous, and so far there seem to be no predators. The Purple Grackles are two large flocks that are apparently finding enough food and protection to meet their needs. Most of the Robins were in the honey-suckle thickets in Audubon State Park. Total, 62 species, about 78,756 individuals.—WALTER H. ALVES, KING BENSON, AMELIA KLUTEY, JERRY McKINNEY, MRS. R. E. PARSONS, W. P. RHOADS (compiler), B. C. SHELTON, MRS. NAT STANLEY, SR., FRANK SAUERHEBER.

MADISONVILLE (W. W. Hancock Farm, Clear Creek, Pleasant View Lake, City Lakes Nos. 1 and 4, Lake Pewee, Brown and Frostburg Roads. Open fields 20%, deciduous woodlands and thickets 50%,

lake shore 30%).—Dec. 30; 7:00 A. M. to 5:00 P. M. Mostly clear; wind SE, 8-12 m. p. h.; temp. 32 to 51. Total hours, 10; total miles, 41 (5 on foot, 36 by car). Total, 52 species, about 1,788 individuals. Evidently a mild autumn and early winter caused the lingering of more waterfowl than usual. Most of the waterfowl were at Lake Pewee (our new 400-acre lake), but the Horned Grebes were recorded at Pleasant View Lake. I was unable to approach the small, brown-backed sand-piper closely enough to be sure of the color of the legs but did hear the "kreet, kreet" call uttered in flight. The Red-breasted Mergansers, both females, were seen at close range while I was concealed in a thicket. Other species recorded near the time of the count: Ring-billed Gull, Purple Grackle, and White-crowned Sparrow.—JAMES W. HANCOCK.

SORGHO, DAVIESS COUNTY.—Dec. 29; four hours afield. Wooded area and fields, roadside ditches on Ford farm, mostly wooded creek bottom. Total, 29 species, 606 individuals.—JOE FORD.

BOWLING GREEN (Area covered in most of the thirty-nine counts, 1918-1956).—Dec. 22; 6:15 A. M. to 4:30 P. M. Cloudy, very gray, just after a heavy night rain; temp. 46 to 52; no wind. Three observers in two parties. Total, 55 species, about 2833 individuals. The number of Crows recorded was one of the smallest in the many years of Christmas Counts here. Only two weeks before the count there were easily 4,000 Crows to be seen daily in the Woodburn area alone. At Christmas there was still much waste corn in the fields, and the winter had been mild. Just why Crows were so scarce is not easy to guess. There is a heavy crop of Red Haw fruits this winter; each tree was alive with Cedar Waxwings. The Lapland Longspur was in a flock of Horned Larks at the Lacy Stahl Farm, just at the edge of the Chaney Marsh. This is the first Christmas record of the species, though there are several other winter records.—L. Y. LANCASTER, CHARLES L. TAYLOR, and GORDON WILSON (compiler).

MAMMOTH CAVE NATIONAL PARK (nearly all of the park south of Green River and also the Temple Hill area north of the river).—Dec. 16; 6:45 A. M. to 4:30 P. M. Partly cloudy; no wind; fog very dense in lowlands in early morning; temp. 38-52. Seventeen observers in four parties. The Palm Warbler was a first Christmas park record, though it appears on some Bowling Green counts of other years. The species is the best record for the twelve counts in the park; twenty species appear in greater numbers than ever before, and thirteen species were recorded in greater numbers than they appeared in any other Kentucky Christmas Count for 1956: Black Vulture, Barred Owl, Yellow-shafted Flicker, Pileated Woodpecker, Yellow-bellied Sapsucker, Phoebe, Blue Jay, Carolina Chickadee, Robin, Hermit Thrush, Golden-crowned Kinglet, Myrtle Warbler, and Purple Finch. Total, 53 species, about 1,633 individuals.—ROBERT BROWN, RICHARD BURNS, MRS. JAMES GILLENWATER, CLEO HOGAN, JAMES HAYNES, GRANVILLE LILES, JERRY LILES, RAY NELSON, MRS. MARY CLYDE NUCKOLS, RAY SCOTT, LILLIAN SIMMONS, DR. RUSSELL STARR, MRS. RUSSELL STARR, RICHARD STOKES, FRANK WILKINS, GORDON WILSON (compiler), J. WELLINGTON YOUNG.

GLASGOW (Beaver Creek, west and southwest of Glasgow: open fields 15%, stream banks 45%, thickets 20%, open woods 20%).—Dec. 30; 6:30 A. M. to 5:00 P. M. Eleven observers in two parties. Total party-hours, 20. Total party-miles, 76 (16 on foot, 60 by car). Partly cloudy to clear; wind W, 0-15 m. p. h.; temp. 25-49. Total, 54 species, about 2,690 individuals.—ALICE FURBER, MRS. JAMES GILLEN-WATER, JAMES HAYNES, CLEO HOGAN, CLEO HOGAN, JR., DR. ROBERT McKINNEY, LILLIAN SIMMONS, DR. RUSSELL STARR (compiler), MRS. RUSSELL STARR, GORDON WILSON, CHARLES WININGER.

LOUISVILLE (Same area and coverage as last year).—Dec. 23; 5:30 A. M. to 5:00 P. M. Cloudy, clearing in afternoon; temp. 40 to 56; wind W-NW, 2-7 m. p. h.; all water open. Twenty-seven observers in 10 parties. Total party-hours, 69 (48 on foot, 21 by car); total partymiles, 108 (20 on foot, 88 by car). Gadwalls and Old-Squaws by Brecher and Altshelers; Barn Owls and Oregon Juncos by Shackleton and Fuller; Western Meadowlarks by Monroes, specimen taken on December 25; Harris's Sparrows by Krulls and Monroes, both immature and widely separated, one being present for two weeks prior to count; Lincoln's Sparrow by Mrs. Stamm, Croft, and Wiley. First count record for Gadwall, Barn Owl, Western Meadowlark, and Harris's Sparrow. Largest numbers ever recorded on a count for Wood Duck, Brown Thrasher, Palm Warbler, Rusty Blackbird, Purple Grackle, Brown-headed Cowbird, Savannah Sparrow, and Whitecrowned Sparrow. Seen during week of count: American Merganser, Sharp-shinned Hawk, Harlan's Hawk (Monroes), Rough-legged Hawk, Bald Eagle, Peregrine Falcon, Red-headed Woodpecker, Red-breasted Nuthatch, and Brewer's Blackbird (Krulls). Total, 90 species, about 17,862 individuals.—MR. AND MRS. WILLIAM M. ABLE, MR. AND MRS. YANCEY ALTSHELER, LEONARD C. BRECHER, JOSEPH E. CROFT, THOMAS C. FULLER, FRANK X. KRULL, SR. and JR., DR. AND MRS. HARVEY B. LOVELL, BURT L. MONROE, SR. (compiler), BURT L. MONROE, JR., MRS. H. V. NOLAND, LOUIS
H. PIEPER, MARIE E. PIEPER, EVELYN J. SCHNEIDER,
WALTER H. SHACKLETON, MR. AND MRS. FRANCIS P.
SHANNON, MABEL SLACK, ANNE L. STAMM, FREDERICK W.
STAMM, MRS. WILLIAM B. TABLER, HAVEN WILEY, VIRGINIA
WINDSTANLEY, AUDREY A. WRIGHT (Beckham Bird Club).

OTTER CREEK PARK (Ohio River, park, adjacent farmlands; river 10%, mature weeds 20%, brushy fields 40%, open meadows and farmlands 30%).—Jan. 5; 8:00 A. M. to 4:30 P. M. Clear, some cloudiness in afternoon, traces of snow on ground, ponds frozen; temp. 28 to 38; wind slight. Five observers in two parties. Total party-hours, 15 (11 on foot, 4 by car); total party-miles, 35 (14 on foot, 21 by car). Total, 48 species, about 1,182 individuals. The Catbird was seen by all observers in a honey-suckle thicket; the Chipping Sparrow was found by Croft, verified by the others.—JOSEPH CROFT, HARVEY B. LOVELL, ANNE L. STAMM, FREDERICK W. STAMM, RODERIC SOMMERS.

^{*}DANVILLE (roads in and near county; farmlands, thickets, streams, and parks).—Dec. 22. Clear in morning, cloudy in afternoon; no wind; ponds and streams full and open. Nine observers in 5 parties;

total party-hours, 34 (14 on foot, 20 by car); total party-miles, 243 (13 on foot, 230 by car). Mr. Cheek, who has his master's degree in ornithology from the University of Kentucky, saw the Sora and the Chipping Sparrows. Thousands of blackbirds, including Purple Grackles, Brown-headed Cowbirds, Red-wings, and Rusty Blackbirds had been roosting in the Glore trees as late as December 16 but were gone by the day of the count. Total, 58 species, about 7,110 individuals.—JOHN CHEEK, FLORENCE DAVIS, JACKSON DAVIS, MARGARET GLORE, SCOTT GLORE, JR., EDNA DRILL HECK (compiler), FRANK HECK, DOROTHY BELLE HILL, and Leroy ULLRICH.

FRANKFORT.—Dec. 30; 7:00 A. M. to 4:45 P. M. Clear; wind light; temp. 35 to 45. Our survey consisted of individual counts made by the Frankfort Bird Club members in and about Frankfort. One count was made at the State Experimental Game Farm on U. S. 60 west of Frankfort, with most other counts made east of the city. The habitat included mixed cedar and deciduous woods, brushy hillsides, pastures, weedy fence rows, cultivated fields, and Elkhorn Creek bottoms. The Ring-necked Pheasants and Chukars were seen on the State Game Farm. These have been released and now forage for themselves in the vicinity. Pheasants have also been seen ten and twelve miles from the farm in Franklin County. Total, 48 species, about 3,655 individuals.—ELIZABETH SATITERLY, J. W. PRUETT, PAUL OWEN, BOWEN CARTER, MRS. ARTHUR KAY, MRS. M. C. DARNELL, MRS. W. P. RINGO, HOWARD JONES (compiler).

KLEBER SONG BIRD SANCTUARY, OWEN COUNTY (7-mile radius, including the sanctuary and adjacent farmlands; deciduous woods 10%, brushy fields 40%, farmland 40%, creek banks 10%).—Dec. 29; 7:30 A. M. to 4:00 P. M. Cloudy, with light snow; wind 5-13 m. p. h.; half inch of snow on ground but creeks open; temp. 25 to 34. Six observers in three parties in morning, together in car most of afternoon. Total party-hours, 20 (16 on foot, 4 by car); total party-miles, 31 (10 on foot, 21 by car). Total, 40 species, 1,110 individuals.—FREDERICK W. STAMM, ANNE L. STAMM, JOE CROFT, HARVEY B. LOVELL, ELIZABETH SATTERLY, MRS. MARGARET RINGO.

WILLARD (about seven miles over creek bottom, fields, and woodland areas).—Dec. 28; 9:00 A. M. to 3:00 P. M. Cloudy and mild. Total, 22 species, 301 individuals.—ERCEL KOZEE.

ASHLAND, EAST KENTUCKY (Ashland and over all of Boyd County; Big Creek area in eastern Pike County).—Dec. 29; 7:00 A.M. to 5:00 P.M. Bitter cold; snow for preceding 24 hours and during entire day; temp. 20 to 30; wind SW to NE, 15 to 20 m.p. h.; many water courses running full; smaller areas of water frozen over. Area covered: deciduous woodland 50%, coniferous woods 20%, swamps 5%, cultivated fields 15%, along streams 5%, old fields 5%. Six observers. Total party-miles, 150 (80 by car, 70 on foot). Total, 48 species, 3.873 individuals.—OKIE S. GREEN (compiler), WALTER FORSON, HENRY H. HUGHES, JR., GEORGE CURRY, RUFUS M. REED, JOHN A. CHEEK.

NOTES ON ASHLAND COUNT

For the first time we have succeeded in widening our horizon as far as an eastern Kentucky bird census is concerned, thanks to Rufus Reed, of Lovely, and John A. Cheek, of Pikeville, both staunch K. O. members and members of our soon-to-be East Kentucky Chapter of the society. Our 1956 list is our largest to date. There is a marked increase in Ruffed Grouse numbers in eastern Kentucky. Messrs. Reed and Cheek report about 50 in one group. The Bob-white has about vanished from the area. Cold, rainy spring weather, extending even into early summer, as well as indiscriminate slaughter by hunters, accounts for this loss. Mourning Doves are very scarce. The Cardinal, the Eastern Towhee, and the Carolina Chickadee seem to be more abundant. Reed and Cheek were very fortunate in sighting the Horned Owl, as the species has been much maligned and almost exterminated in this area. The year 1956 has been a good season for us in the mountains.—OKIE S. GREEN.

A FALL RECORD OF THE SANDHILL CRANE

One of the interesting fall-migration records is that of the Sandhill Crane (Grus canadensis). Eleven of these large birds were seen flying over our yard on November 8, 1956. Luckily, a predicted frost caused me to gather the green tomatoes in our garden; otherwise, I would not have had this rich experience. This species is very rare in this locality, even in spring. I consulted with Burt L. Monroe, Sr., who concurs with me that, as far as we know, this is our only fall record—ANNE L. STAMM, Louisville.

SOME FALL MIGRATION NOTES FROM BOWLING GREEN

Besides the Yellow-bellied and Olive-sided Flycatchers reported in the November, 1956, issue, I have recorded several interesting birds in the fall and winter: At the northwestern edge of the city is an abandoned rock quarry of some seven acres that has attracted several species, especially since there has been no rising of the Woodburn Lakes this fall and winter. A Horned Grebe on December 10, 1956, was my first fall or winter record of the species, though I have several records for the lakes in spring. On December 15, 1956, I saw a flock of 50-60 Blue Geese flying very low over the upper reaches of the McElroy depression, very dry at that time. I would like to believe them a remnant of the Blue and Snow Geese flocks that so many of us saw last spring. Again at Grider's Pond on November 23, 1956, I saw for a long time more than 20 Ring-billed Gulls resting at the pond. At the same place I recorded my first Forster's Terns for Bowling Green on December 1, 1956, although I have seen the species several times on the Great Lakes. Four individuals of this species remained a whole day there, almost tame, and revealing in the bright light their distinctive winter markings. Another first for me as an observer here was a Short-eared Owl feeding on the ground in the Chancy Swamp on December 1, 1956. I followed it for some time. flushing it again and again.—GORDON WILSON, Bowling Green.

(Continued from Page 2)

society, the only time our group ever had the pleasure of being in Dr. Frazer's own territory with him as a guide.

MORE BIRD-WATCHING TOURS IN MEXICO

Dr. Ernest P. (Buck) Edwards is leading some more tours to Mexico this spring. There will be two ten-day tours on March 11 to March 20 and April 29 to May 8. One thirteen-day tour will be taken from May 13 to May 25. Again, if you are interested in going into this 'ornithological paradise with such a good guide, contact Dr. Edwards at 112 University Place, Norman, Oklahoma, or call him at JEfferson 4-7043, Norman.

SUMMER FIELD STUDIES IN ORNITHOLOGY AND BIOLOGY

The University of Michigan Biological Station will conduct two courses and a research program in ornithology in the summer of 1957 at its permanent camp on Douglas Lake in northern Michigan. This work will be led by the eminent ornithologist Dr. Olin Sewall Pettingill, Jr. In addition, fifteen other courses and research on many aspects of field and fresh-water biology, under the guidance of a faculty of sixteen other prominent biologists, will be conducted. Approximately thirty grants-in-aid of \$100 to \$300 each will be selectively awarded, and twenty-five self-help jobs will be available. For full information, address Biological Station, University of Michigan, Ann Arbor, Michigan.

JOE FORD HONORED

The Daviess County Game and Fish Association gave its second annual "Outstanding Sportsman" award to our K. O. S. member Joe Ford for outstanding work in wild life preservation within the organization and outside it. Ford is curator of the Owensboro Public Museum, takes the annual Wilson's Snipe census for the U. S. Fish and Wildlife Service, and has banded more Mourning Doves than any one else in Kentucky. He also belongs to many other societies of scientific and archaeological leanings. Congratulations, Joe!

OUR ANNUAL CHRISTMAS GIFT

The 1956 gift of Mr. Howard Rollin to the K. O. S. is a charming painting of a pair of Cedar Waxwings and a Bohemian Waxwing, perched on cedar boughs against a clear blue sky. With his usual skillful handling, Mr. Rollin has brought out the differences between these two sleek, fawn-colored species: the white wingbar, the chestnut undertail, and the gray belly of the Bohemian; the white undertail coverts and yellow abdomen of the smaller Cedar Waxwings. This is the thirteenth original painting Mr. Rollin has presented to the K. O. S. He will gladly accept orders for any species desired. His address is Route 1, Weldona, Colorado.

-K. O. S. Librarian, Evelyn J. Schneider.