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Cover: Immature Red-shouldered Hawk, Patuxent Wildlife Research Center,
 May 30, 1969. Photo by C. S. Robbins



CHESTNUT-COLLARED LONGSPUR SEEN AT SANDY POINT

Harold Wierenga

Late on the afternoon of October 30, 1970, I was enjoying a quiet walk in the rain at Sandy Point State Park. Then, out of the sparse clumps of grass flushed four Snow Buntings (Plectrophenax nivalis) and an interesting small brownish bird with conspicuous white in the tail.

The birds did not fly far, and I was able to watch them at close range while they fed. The brown bird definitely was neither a sparrow nor a pipit. The tail was too white for a Iapland Longspur, and the size of the bird was too small. It was noticeably smaller than the Snow Buntings. I flushed it several times to study the tail pattern, and decided it was a Chestnut-collared Longspur (Calcarius ornatus).

That evening I phoned Chan Robbins, who passed the word to members in Baltimore and Washington. Early the next morning he and Mrs. Robbins, Carl Carlson, Paul DuMont, Arthur Alexander, and Dr. and Mrs. William Pope met me at the park. The bird showed up also, and we studied it for 15 or 20 minutes at distances of 35 to 50 feet through binoculars and a 20X spotting scope, while it fed with the Snow Buntings.

The following comments, taken from Chan's notebook, are included here as confirmation of my identification and in hopes that they may prove helpful to other observers who may be watching for this Great Plains bird in future years. Its most distinctive feature when seen on the ground was the very fine, neat streaking on the breast, a characteristic not shared by any North American sparrow except in some juvenal plumages. There was no rusty color on the wing coverts (which helps rule out the other longspurs). The length was only two-thirds to possibly three-fourths the length of the Snow Buntings, whereas the Iapland Longspur appears nearly the same length as a Snow Bunting. There was a broad stripe over the eye and a thin median stripe through the crown. A cheek patch was present, but was indistinct. The legs were dark, the tail very short. Although the bird was flushed several times, no call was heard. Upon flushing, the dark triangle on the tail, flanked with white, was seen by all observers; the contrast, however, was not as distinct as on a breeding male. No white was visible on the tail when the bird was on the ground.

The only previous Maryland record of this species was of a U. S. National Museum specimen collected at Ocean City on August 20, 1906.



THE SEASON

JULY, AUGUST, SEPTEMBER, 1970

Chandler S. Robbins

A gradual increase in heat and drought characterized this three-month period in the Free State. July weather was close to normal for the State as a whole, but was marked by some locally heavy showers. In August, temperatures averaged 2° to 3° above normal, and the upward departure averaged as high as 6° in the Baltimore area in September. Rain-fall was adequate in the Maryland mountains, but less than half of normal in the Coastal Plain in August and September. No hurricane approached any closer than Florida, and the only one to bring us any appreciable amount of rain in its aftermath was Becky (July 23).

The first cold front moved in from the north on July 1, followed by others from the northwest or west on July 5, 16, and 21; Aug. 2, 3, 17, 21, and 31; and Sept. 11, 17, 19, and 27. Of these 13 cold fronts, only the last one was sufficiently vigorous to cause a ten-degree temperature drop. Actually, day-to-day temperatures were remarkably uniform throughout the period. Consequently, migration waves were not well defined; there was only one heavy movement, Sept. 29, and this one took place in mid-week when most observers were not afield. Hence, general impressions of the songbird migration were uninspiring.

The earliest arrival dates reported this autumn were summarized, by counties, in Table 1. For the first time in a fall arrival table, the mean arrival date based on ten prior years is included in the first column for comparison. This median was obtained by first taking the median date for each of the ten most recent years for which arrival dates were available for five or more counties, and then taking the median of these ten medians. The following observers contributed most of the dates for their respective counties: Western Maryland (Garrett, Allegany and Washington Counties)--James F. Paulus, Kendrick Y. Hodgdon, Mrs. Alice Mallonee, Carl W. Carlson; Frederick County--Dr. John W. Richards, Mr. and Mrs. N. Meyer Baker, Luther Goldman, Thomas A. Imhof; Baltimore City and County--Hank and Tom Kaestner, C. Douglas Hackman, Mr. and Mrs. Walter Bohanan, Mrs. Frances Pope; Howard--Mrs. Dorothy Rauth, Mrs. G.C. Munro, Morris Collins, Willet T. Van Velzen; Montgomery--Robert W. Warfield, George Hurley, Chris G. Petrow, Carl W. Carlson, John H. Fales, Mr. and Mrs. M.B. Donald, Dr. Robert L. Pyle, Dr. Fred Evenden; Prince Georges--Melvin Kleen, Chandler and George Robbins, John H. Fales, Danny Bystrak, Brooke Meanley, Frank McGilvrey; Anne Arundel--Prof. and Mrs. David Howard,

Danny Bystrak, Harold Wierenga; Southern Maryland (Calvert and Charles Counties)--John H. Fales, Mr. and Mrs. Chandler Robbins; Kent--Mr. and Mrs. Edward Mendinhall; Caroline--Marvin W. Hewitt, Mr. and Mrs. A.J. Fletcher, Ethel Engel; Talbot--Jan Reese, Harry T. Armistead; Dorchester--Harry Armistead; Somerset--Mrs. Richard D. Cole, Danny and Paul Bystrak, Harry Armistead; Orrey Young; Worcester--Mr. and Mrs. T. H. C. Slaughter, Mr. and Mrs. Kenneth Irely; Mr. and Mrs. Walter Bohanan, Vernon M. Kleen, Orrey Young, Robert W. Warfield.

Underscored dates in the table indicate that the bird was examined in the hand. The Sept. 28 dates for Baltimore apply to birds killed by the WTOPT tower on the night of Sept. 27. Other underscored dates refer to banded birds. Underscored dates in the text call attention to new extreme dates or record-high counts for the State or a Section thereof.

Loon. There are very few summer records of loons in Maryland, and what few there were prior to this summer have been confined to tidewater. The one-day appearance of a Common Loon on Snowden Pond at the Patuxent Wildlife Research Center on the midsummer date of July 22, therefore, is unprecedented (Luther Goldman, Glen Smart, Danny Bystrak, William Anderson, Lynn Fowler and Carol Jones).

Hérons and Egrets. Most (perhaps all) species of herons, egrets and ibises wander northward when they disperse from their breeding colonies in mid-summer. It is commonplace to see flocks of scores or even hundreds of "white herons" at coastal and a few bayside locations from July through September, and smaller numbers of most species may be found scattered throughout the Maryland Coastal Plain. A few individuals are always attracted to suitable habitat in the Piedmont, but few of the "white" species cross the Maryland mountains. Thus, the farther inland one goes, the fewer the numbers and variety of the heron tribe that are encountered. Lilypons in Frederick County is the westernmost locality in Maryland where Common Egrets are now found every summer. The best count from Lilypons this summer was 7 Common Egrets, 3 Little Blue Herons and 8 Green Herons on July 19 (Mr. and Mrs. N. Meyer Baker and Luther Goldman). A Louisiana Heron seen along the C & O Canal at Sycamore Landing in Montgomery County on Aug. 1 (Carl W. Carlson) is the first ever recorded in the Maryland Piedmont. Louisiana Herons also appeared for the first time at the headquarters pond at Blackwater National Wildlife Refuge, where 1 or 2 birds were seen on Sept. 21, 26 and 30 (Harry Armistead). Cattle Egrets were present in droves on the Eastern Shore, but were not reported from west of the Bay. A flock of 50-60 was seen in a field with cattle on Route 213 in Cecil County in August (Mrs. Robert E. Kaestner), and flocks of 20 or so were still present at Blackwater Refuge (Armistead) and in the vicinity of Irish Grove Wildlife Sanctuary in Somerset County (Mrs. Richard D. Cole) through the end of September. Common Egrets reached a peak of 129 birds at Blackwater on Sept. 26 and the high count for the Snowy Egret was 127 birds in Somerset County on Aug. 16 (Armistead). September 23 was a late date for 20 Glossy Ibis at Ocean City (Mr. and Mrs. T. H. C. Slaughter); and Aug. 29 was the last date for Least Bitterns--6 birds at Sparrows Point (Hank and Tom Kaestner and Mac Plant).

Table 1. Earliest Fall Arrival Dates, 1970

Species	Median		W.Md	Fred	Balt	Howd	Mont	Pr.G	Anne	S.Mi	Kent	Caro	Talb	Dorc	Somr	Worc
	10-yr	1970														
Double-cr. Cormorant	--	--	0	0	0	0	0	0	0	--	7/20	0	8/ 2	--	10/ 3	8/20
Little Blue Heron	--	--	0	7/19	0	0	0	--	0	0	0	8/11	0	9/21	8/16	--
Common Egret	--	8/17	0	7/19	0	8/26	0	8/17	0	9/ 9	0	7/18	8/24	--	8/16	--
Canada Goose	9/26	9/30	0	0	--	10/ 2	--	10/19	10/13	10/29	9/27	9/28	9/20	9/28	10/ 4	9/29
Sharp-shinned Hawk	--	9/26	9/12	9/24	10/22	9/10	--	--	--	--	10/20	9/27	9/ 6	9/26	10/18	--
Broad-winged Hawk	--	9/ 8	9/10	9/22	9/ 7	9/ 1	--	8/28	--	0	0	--	10/ 2	0	0	0
Sparrow Hawk	--	9/ 7	9/ 9	--	9/ 7	8/ 7	--	--	--	--	--	--	8/20	--	9/ 9	--
Semipalmated Plover	--	9/ 2	9/10	0	0	0	0	0	0	--	0	9/15	8/24	9/21	8/16	7/19
Black-bellied Plover	--	9/ 5	9/ 5	0	0	0	0	0	0	0	0	0	9/23	9/28	8/16	8/15
Spotted Sandpiper	--	8/11	--	7/19	9/15	9/ 7	--	--	--	--	--	8/11	8/ 2	--	9/ 9	7/ 6
Solitary Sandpiper	--	8/29	9/ 5	0	8/29	9/ 4	8/11	0	0	8/29	0	7/23	0	0	8/16	0
Greater Yellowlegs	8/10	8/26	9/ 5	0	9/19	0	0	0	0	0	0	7/27	--	9/21	8/16	8/ 4
Lesser Yellowlegs	--	8/24	9/27	7/19	9/15	9/ 8	8/24	0	0	0	0	7/22	--	9/21	8/16	7/24
Pectoral Sandpiper	--	9/15	9/27	7/19	9/15	9/17	9/13	0	0	0	0	9/15	0	9/21	8/16	0
Least Sandpiper	--	8/28	9/ 5	7/19	9/15	9/ 1	0	0	0	8/ 8	0	7/23	8/24	9/21	8/16	8/31
Semipalmated Sandpiper	--	8/16	9/ 5	7/19	9/15	0	0	0	0	0	0	8/17	8/ 2	9/21	8/16	7/11
Sanderling	--	--	9/27	0	0	0	0	0	--	--	0	0	8/ 3	0	--	7/18
Yellow-billed Cuckoo	--	9/11	--	--	--	--	9/ 6	8/29	9/16	10/10	9/28	--	9/ 3	--	0	--
Common Nighthawk	--	8/24	8/24	--	8/31	8/23	8/19	9/10	8/27	8/21	0	--	8/30	--	0	0
Yellow-shafted Flicker	--	9/18	9/12	--	--	--	9/18	9/15	9/ 2	9/22	9/28	--	--	--	9/25	--
Yel-bellied Sapsucker	9/28	9/29	9/28	9/17	10/ 3	9/20	9/18	--	10/ 4	10/ 7	9/28	--	10/ 2	10/17	9/29	9/29
Eastern Phoebe	--	9/30	--	--	10/23	10/ 1	--	--	--	10/28	9/28	9/30	9/26	10/17	9/29	--
Yel-bellied Flycatcher	--	--	0	0	9/ 1	0	9/ 7	9/ 7	0	0	0	8/25	0	0	0	0
Traill's Flycatcher	--	--	--	--	8/29	--	0	8/22	0	0	0	0	9/20	0	0	0
Least Flycatcher	8/30	9/ 5	--	0	0	8/24	--	0	9/13	0	9/ 2	0	9/ 6	0	9/ 5	0
Tree Swallow	--	9/16	9/30	0	0	0	0	9/16	0	9/ 4	0	--	7/19	9/21	9/19	8/22
Blue Jay	9/20	9/18	9/14	--	9/ 2	9/25	9/21	9/17	9/18	9/17	9/28	--	9/13	--	--	10/ 5
Red-breasted Nuthatch	9/20	10/13	9/19	0	0	0	0	0	0	0	10/22	10/13	10/17	0	0	9/29
Brown Creeper	9/28	10/11	10/14	--	10/19	9/30	10/ 6	10/24	--	10/11	8/28	--	9/29	10/17	10/17	9/29
Winter Wren	10/ 2	9/30	10/22	--	9/29	9/30	9/13	9/30	--	--	9/30	10/ 6	10/ 1	10/17	9/30	--
Swainson's Thrush	9/ 8	9/17	9/19	9/22	9/17	9/ 7	9/14	9/26	9/29	10/ 7	9/ 1	9/30	9/ 6	0	9/ 8	9/ 7
Gray-cheeked Thrush	9/15	9/18	0	9/30	9/17	9/13	9/12	9/26	0	--	9/20	9/15	9/ 6	0	9/20	9/29
Veery	9/ 4	9/ 6	--	--	--	9/13	0	9/ 5	0	0	8/28	9/30	9/ 6	0	9/ 5	0

Species	Median		W.Ma	Fred	Balt	Howd	Mont	Pr.G	Anne	S.Ma	Kent	Caro	Talb	Dorc	Somr	Worc
	10-yr	1970														
Ruby-cr. Kinglet	9/24	9/27	9/19	9/30	9/ 6	9/27	9/29	9/28	9/20	10/ 6	9/14	9/27	9/20	10/17	9/24	9/29
Cedar Waxwing	9/ 2	9/12	9/ 4	9/20	9/13	9/20	--	9/ 9	9/12	--	8/31	--	8/ 2	--	--	9/29
Loggerhead Shrike	--	9/28	0	10/25	0	0	0	0	0	0	0	8/ 9	9/28	9/28	8/18	--
Solitary Vireo	--	9/26	--	9/ 5	--	9/13	0	0	0	0	9/28	9/25	0	0	10/13	10/ 5
Red-eyed Vireo	--	9/ 6	--	--	9/ 6	--	--	--	--	9/ 5	8/28	--	9/ 7	--	9/ 8	--
Blk-&white Warbler	8/28	8/26	--	9/17	8/25	8/13	8/16	9/19	--	--	8/27	7/22	9/ 6	9/26	8/26	--
Tennessee Warbler	9/10	9/ 6	9/19	9/30	0	8/30	--	0	0	0	8/28	0	9/ 6	0	0	0
Nashville Warbler	9/12	9/ 7	9/19	9/ 5	0	8/31	9/ 8	0	0	0	9/ 7	0	9/ 6	0	0	9/29
Parula Warbler	--	9/24	--	9/27	9/ 2	9/21	--	--	10/ 3	--	9/27	--	9/13	0	9/20	9/29
Yellow Warbler	--	9/ 8	--	--	9/ 3	8/22	--	--	8/11	--	9/ 8	--	9/30	9/26	--	9/29
Magnolia Warbler	9/ 4	9/ 7	9/19	9/ 4	9/ 2	8/18	9/ 6	9/12	9/20	9/13	8/28	9/29	9/ 6	0	9/ 7	9/ 8
Cape May Warbler	9/14	9/20	9/20	0	0	9/27	9/27	9/13	10/ 9	10/ 1	8/28	0	9/ 7	0	9/17	--
Blk-thr.Blue Warbler	9/ 7	9/ 6	9/19	9/30	9/ 2	9/ 1	9/ 6	0	0	10/ 7	8/28	0	9/ 6	0	9/ 7	9/ 7
Myrtle Warbler	9/30	9/30	10/ 4	9/30	--	10/ 3	10/13	10/20	10/ 3	10/11	9/20	9/ 6	9/13	9/28	9/29	9/29
Blk-thr.Green Warbler	9/12	9/ 6	9/19	9/13	9/ 1	8/29	9/ 6	0	0	9/28	8/30	0	9/ 7	0	0	--
Blackburnian Warbler	9/ 5	9/ 6	9/19	9/ 5	8/29	8/18	9/ 6	0	0	9/13	0	9/15	0	0	0	--
Chestnut-sided Warb.	--	--	--	--	9/ 5	8/29	0	0	0	0	8/25	0	0	0	0	--
Bay-breasted Warbler	9/16	9/17	9/19	0	9/17	9/ 7	9/17	0	0	0	8/29	0	0	9/30	9/12	--
Blackpoll Warbler	9/15	9/19	9/19	9/27	9/17	9/ 1	9/27	0	0	9/12	9/12	0	9/20	0	0	9/29
Palm Warbler	9/22	9/28	9/19	0	0	9/20	0	0	0	0	10/25	0	9/28	10/ 4	9/17	9/29
Ovenbird	--	9/ 2	--	--	8/22	9/ 1	9/ 2	8/22	--	9/12	8/27	9/15	9/ 6	--	9/12	--
No. Waterthrush	9/ 1	8/27	9/10	0	8/13	9/12	9/ 9	8/22	0	0	8/29	7/29	9/20	0	8/25	8/10
Connecticut Warbler	9/12	9/13	0	9/13	0	0	9/27	9/11	0	10/ 1	0	9/29	9/ 7	0	0	9/ 7
Wilson's Warbler	--	9/ 6	9/ 6	9/ 5	0	8/26	0	--	0	0	9/17	9/25	9/ 6	0	--	--
Canada Warbler	8/28	8/26	--	8/19	8/25	8/14	9/ 2	8/22	0	0	8/27	0	9/ 6	0	0	9/ 7
Am. Redstart	8/30	8/29	--	9/13	9/ 2	8/ 1	8/27	8/29	8/28	9/13	8/26	8/30	8/24	9/26	8/26	9/ 7
Bobolink	8/29	9/ 5	--	--	0	0	0	--	--	9/ 1	0	8/22	9/ 5	9/21	9/ 8	0
Baltimore Oriole	--	8/24	8/18	--	--	8/ 2	--	7/14	--	8/25	8/28	9/13	8/24	--	9/ 7	--
Scarlet Tanager	--	9/12	9/ 2	9/ 7	9/13	9/ 1	9/12	9/26	--	--	8/31	--	9/20	0	9/12	--
Rose-br. Grosbeak	9/12	9/ 9	9/19	9/ 7	7/18	9/ 2	9/18	0	9/20	0	9/11	8/25	9/ 6	0	9/19	--
Savannah Sparrow	--	9/30	--	--	10/ 6	0	0	--	--	--	10/24	--	10/ 2	9/26	9/24	9/29
White-thr. Sparrow	9/25	9/30	9/19	9/30	9/28	9/22	9/30	10/ 1	10/ 1	10/ 1	10/ 1	10/ 6	9/29	10/17	10/ 2	9/29
Lincoln's Sparrow	--	--	9/19	9/30	0	0	0	0	0	0	9/ 7	--	9/28	0	--	0
Swamp Sparrow	10/ 1	10/ 1	9/19	10/13	--	10/ 7	9/27	10/10	--	--	10/ 7	--	9/20	10/17	9/28	--

Swans. Two Mute Swans summered at Linchester Pond in Caroline County, but no young were raised there this year (Marvin Hewitt). Three Whistling Swans, one wearing a neck band, summered near Poplar Island, Talbot County (Jan Reese, Earl Baysinger). An adult was at Blackwater Refuge on Sept. 30, which is only four days after the earliest State arrival record (Armistead).

Eagles. Bald Eagles were seen at Tanyard in Caroline County (1 adult in July and August), Talbot County (5 adults, Aug. 10 to Sept. 3), Blackwater Refuge, Elliott Island and Cooks Point in Dorchester County (minimum total of 3 adults and 2 immatures, mostly in late September), and at Irish Grove Wildlife Sanctuary (1 adult, Sept. 25). This is a ratio of 2 immatures to 10 adults.

Sora. Jan Reese found a record-early Sora on a tennis court at College Park on Aug. 3; he believes the bird flew into a powerful night light.

Upland Plover. Next to Ocean City, the best place in Maryland to hear Upland Plovers migrating at night seems to be the Frederick Valley. Thomas Imhof heard one or two just before midnight on Aug. 9 and again on Aug. 13. At Ocean City they are heard in largest numbers the first evening after a cold front has passed; but no cold front was associated with Mr. Imhof's Frederick records. Other early Upland Plover migrants were noted at Salisbury on July 29 (Samuel H. Dyke) and Sycamore Landing in Montgomery County on Aug. 1 (Carl W. Carlson).

Buff-breasted Sandpiper. First detected in Maryland in 1957, this species is now identified here about two years out of three. Prior to 1970, there were ten Maryland records involving a minimum of 18 individuals. These had been reported from Dorchester, Anne Arundel, Worcester, St. Marys, Queen Annes and Montgomery Counties. Most of these birds were seen on the closely cropped grass of turf farms, airports and golf courses. Vernon Kleen is the first person to hold a Maryland Buff-breast in his hand; he caught and banded one at Ocean City on the night of Aug. 31--Sept. 1. On Sept. 5, Paul DuMont and Walter Booth found 3 Buff-breasts at the turf farm near Sycamore Landing in Montgomery County; Edwin McKnight saw them again on the next day, and on Sept. 13 he and Chris Petrow reported 2 were still present. On Sept. 14, Hank Kaestner found 1 in the lakebed of Lake Montebello in Baltimore City; he showed it to many other members on the following day, and it remained to the 19th.

Other Shorebirds. The first returning migrants were spotted at Ocean City by Robert Warfield as follows: Willets on June 20 and July 4, Short-billed Dowitcher on July 5, and Whimbrel on July 8. One of the highlights of the season was the large assemblage of shorebirds in the muddy lakebed of Lake Montebello in Baltimore City. Hank Kaestner made frequent visits there from mid-September on, and will summarize the results in a later issue. In comparison with Montebello, other inland counts are small indeed. Local rarities for Allegany County were a Black-bellied Plover on Sept. 5 and a Semipalmated Plover on the 10th, both at Rouge Lagoon just above

Lock 75 on the C & O Canal near Old Town (James F. Paulus). Five species of shorebirds were at the lagoon on the 5th, and 3 additional species were there on Sept. 27. The best day for shorebirds at the Turf Farm near Sycamore Landing was Sept. 13, when Chris Petrow counted 20 Golden Plovers. Golden Plovers were at Montebello the same day (Kaestner). At Henderson in Caroline County, Marvin Hewitt found 9 species of shorebirds during the period, but only a few individuals of each. Sandy Point State Park was almost a total loss for shorebirds because of the destruction of their habitat in connection with the clean-up campaign of the park personnel. Talbot County rarities were 2 Willets near Neavitt on Aug. 2 and a Knot near Tilghman on Aug. 24 (Reese). The most newsworthy items from the Lower Eastern Shore were 12 Stilt Sandpipers at Blackwater Refuge on Sept. 26, and 110 Western Sandpipers there on Sept. 30 (Armistead).

Skimmers. Don Meritt sighted stray Black Skimmers in the Miles River near Newcomb on July 16 (4 birds), Aug. 10 (2), and Aug. 20 (2).

Thrushes. Termination of the Operation Recovery program has greatly reduced our ability to make quantitative comparisons. From the fragmentary data at hand, however, it appears that the thrush migration was greatly improved over that of last autumn, and perhaps almost back to normal. Harry Armistead estimated about 100 Swainson's Thrushes heard just before dawn on Sept. 20, and about 50 on Sept. 28, all at Bellevue.

Warblers. The heaviest flight of the fall appears to have taken place on the night of Sept. 28-29, in response to the cold front of the 27th. Although there was no songbird banding at the coast this fall, Mr. and Mrs. T. H. C. Slaughter visited the site of the former Ocean City banding station on several occasions and submitted a long list of warblers (21 species) identified there on Sept. 29.

Bobolink. Two very early Bobolinks appeared at the Patuxent Wildlife Research Center on July 14 (Brooke Meanley).

Tanagers. On Sept. 20 Carl Carlson studied a Summer Tanager in a flock of 4 Scarlet Tanagers at Herrington Manor. This is the first Summer Tanager to be reported from Garrett County.

Grosbeaks, Dickcissels and Sparrows. Haven Kolb found a male Rose-breasted Grosbeak at Beckleysville on the extraordinary date of July 18--the first mid-summer record for the upper Piedmont. Another summer Dickcissel was discovered on the Eastern Shore; this one was singing from a wire beside route 50 at Wye Mills, one-half mile south of Route 404 on July 14 (Ted Van Velzen, Jan Reese). The only fall arrivals noted for the Dickcissel during this period were 1 at Herrington Manor on Sept. 19 (Carlson) and a female at Highland in Howard County on Sept. 24 (Dorothy Rauth). Mrs. A. A. Baker watched a male Evening Grosbeak for 5 minutes at a distance of 15 feet at Chevy Chase on Sept. 28--a remarkably early date for a non-flight year. In Allegany County, Ken Hodgdon extended the State departure record for the Bachman's Sparrow to Sept. 29.

COMMON EGRET SWIMMING IN DEEP WATER

C. Douglas Hackman

On the evening of August 28, 1970 I was fishing near the Dulaney Valley Road Bridge at Loch Raven Reservoir in Baltimore County. Around 19:30 D.S.T. two Common Egrets (*Casmerodius albus*) flew past, several hundred yards out, at a height of about 400 feet. About halfway across the reservoir, toward the south shore, both birds began to glide. One bird lowered its legs and fully extended its neck and then rapidly descended in a series of five or six wide spirals. When about 10 feet from the water the bird pulled up sharply, flapped several times as it rose to a height of about 20 feet and then dropped into the water feet first. The bird sat in the water for about one minute and then effortlessly, with only a few flaps, took flight. It rapidly gained altitude by flapping vigorously as it climbed to join the second bird which had been circling overhead.

Both birds were now circling in opposite directions at a height of about 40 or 50 feet. The first bird again descended rapidly with feet and neck fully extended, dropped into the water and remained there for about 40 seconds. Meanwhile, the second bird circled overhead and repeatedly swooped low over the first bird. Several times the second bird appeared to contemplate landing, but pulled up sharply just as its feet touched the water. The first bird again rose effortlessly from the water and both birds climbed to a height of about 80 feet before continuing their flight to the south shore where they disappeared behind some trees.

When swimming, the egret sat high in the water and held its head erect with neck fully extended. In the distance it looked much like a swan on the water. The bird moved its head from side to side as if looking around, but did not dip its bill into the water. There was no readily discernable reason for the bird's behavior. Although in deep water, the egret appeared to be completely relaxed. It is possible that the behavior was purely capricious.

208A Donnybrook Lane, Towson



50 of 104 Snow Buntings at Sandy Pt., Nov. 27. Photo by Bruce Beehler.

ARTICLES OF INCORPORATION OF
MARYLAND ORNITHOLOGICAL SOCIETY, INC.
As Amended May 9, 1964

THIS IS TO CERTIFY:

FIRST: That we, the subscribers, Seth H. Low, whose post office address is Route 2, Gaithersburg, Maryland; Jean Worthley, whose post office address is Owings Mills, Maryland; Gladys H. Cole, whose post office address is 625 Valley Lane, Towson-4, Maryland; James Travis, whose post office address is 3300 St. Paul Street, Baltimore-18, Maryland, and Lester E. Wood, whose post office address is 1938 W. Lanvale Street, Baltimore-17, Maryland, all being of full legal age, do hereby, under and by virtue of the general laws of the State of Maryland authorizing the formation of corporations, associate ourselves with the intention of forming a corporation.

SECOND: The name of the corporation (which is hereinafter called the Corporation) is:

MARYLAND ORNITHOLOGICAL SOCIETY, INC.

THIRD: The purposes for which this Corporation is formed and the objects to be carried on and promoted by it are to engage in any such educational, scientific and charitable pursuits as may be necessary or appropriate,

(a) To study and record the observations of bird life in Maryland and vicinity and to collate the scientific data furnished by bird students.

(b) To publish and distribute at established times the official publication of the Corporation.

(c) To promote the knowledge, development, protection and conservation of bird life and natural resources.

(d) To establish and maintain such scientific and educational projects as nature trails, exhibits, tours, camps and nature sanctuaries.

(e) To encourage the organization and operation of affiliated groups in sympathy with the aforesaid aims.

(f) To cooperate, as occasion prompts, with national and state ornithological organizations and conservation agencies, and with private associations devoted to such interests and to conservation and education in the field of natural resources.

(g) To hold meetings, lectures and exhibitions, and to develop and maintain a library relative to the subjects mentioned above and related matters.

(h) To publish and distribute documents as a means of disseminating information about the subjects mentioned above and related matters.

(i) To acquire by purchase, deed, lease, devise, bequest, gift, grant or otherwise, and to sell, lease, mortgage, improve, invest in, take, hold and grant title to, dispose of and use real and personal property, and any interest therein, of every kind and wheresoever situate, for the purposes of the Corporation.

(j) In general to do any and all of the things above set forth and such other things as are incidental or conducive to the attainment of the objects and purposes of the Corporation.

FOURTH: The post office address of the principal office of the Corporation in this state is 2101 Bolton Street, Baltimore-17, Maryland. The name and post office address of the Resident Agent of the Corporation in this state are Richard D. Cole, 625 Valley Lane, Towson-4, Maryland. Said Resident Agent is a citizen of this state and actually resides therein.

FIFTH: The Corporation shall have no capital stock.

SIXTH: The Corporation shall be managed by a Board of Trustees elected annually by the members in the manner provided in the By-laws, subject, however, to the provision that the number of Trustees shall not be less than three. The following five persons shall act as the Board of Trustees until the first annual meeting, or until their successors are duly chosen and qualify:

Seth H. Low
 Jean Worthley
 Gladys H. Cole
 James Travis
 Lester E. Wood

SEVENTH: The present members of "Maryland Ornithological Society", an unincorporated association, shall be the first members of the Corporation. Additional members may be elected, all members may be classified, may resign or be removed, and vacancies may be filled, as provided in the By-laws.

EIGHTH: The officers of the Corporation shall in the first instance be elected by the Board of Trustees and thereafter they shall be elected in the manner provided in the By-laws. The officers shall consist of a President, one or more Vice Presidents as provided in the By-laws, a Secretary and a Treasurer. One person may hold any two offices except those of President and Vice President.

NINTH: The members attending in person any regularly convened meeting of the members of the Corporation shall constitute a quorum, unless otherwise provided by the by-laws.

TENTH: The duration of this Corporation shall be perpetual.

ELEVENTH: No part of the net earnings or income of the Corporation shall inure to the benefit of any private shareholder, member or individual.

TWELFTH: In the event of termination, dissolution or winding up of this Corporation in any manner or for any reason whatsoever, the remaining assets, if any, shall be distributed to (and only to) one or more organizations described in Section 501 (c) (3) of the Internal Revenue Code.

IN WITNESS WHEREOF we have signed and sealed this Certificate of Incorporation on the 30th day of April, 1956.

(Sgd.) Seth H. Low (Seal)
 (Sgd.) Jean Worthley (Seal)
 (Sgd.) Gladys H. Cole (Seal)
 (Sgd.) James Travis (Seal)
 (Sgd.) Lester Edw. Wood (Seal)

BY-LAWS OF MARYLAND ORNITHOLOGICAL SOCIETY, INC.

Adopted May 9, 1964, Amended May 1965, 1966 and 1970

ARTICLE I - PURPOSES

Section 1.

The purposes of the Society shall be those stated in "THIRD" of the Society's Articles of Incorporation.

ARTICLE II - MEETINGS OF MEMBERS

Section 1.

The annual meeting of the members of the Corporation shall be held at the offices of the Corporation in Baltimore, Maryland, on the second Saturday in the month of May. The Board of Trustees may, at their annual meeting following the aforesaid annual meeting of the membership, select another place or date in the State of Maryland for the meeting the following year. The purpose of the annual meeting of the membership shall be to elect Trustees and Officers, and for the transaction of such other business as may be lawfully brought before the meeting. The meeting shall be convened by the ranking officer present at 7:00 P. M., and adjourned or recessed at or before 10:00 P.M., during which time no other meetings or activities shall be scheduled for the M.O.S.

Section 2.

Special meetings of the members shall be called by the Secretary upon written request of the President or of any three Trustees, provided that these Trustees all come from different Local Chapters. The business to be considered shall be specified in the request. If the meeting is called by the President, he shall specify the time and place of the meeting. If the special meeting is called by three Trustees, they shall specify the time and place.

Section 3.

At least ten days prior to the annual meeting, and at least thirty days prior to the date of any special meeting of the members, the Secretary shall mail a notice to each member entitled to vote, at his last post-office address as it appears on the records of the Corporation. The notice of a special meeting shall clearly state the purpose of that meeting.

Section 4.

To constitute a quorum at any meeting of the members, 10% of the voting membership of the Corporation must be present.

Section 5.

Each member, other than Junior members, shall be entitled to one vote on any matter coming before such meeting. Eligibility to vote at the annual meeting shall be limited to members who are registered at the annual meeting and who have paid M.O.S. dues for the current year. Eligibility to vote at a special meeting shall be limited to those voting members whose dues are paid as of the date of the meeting.

Section 6.

Motions made for the purpose of purchasing, leasing, or renting a Sanctuary, or for terminating such arrangements, or for altering, repealing, or amending the By-Laws, require a two-thirds affirmative vote of the members present to carry; all other business, unless otherwise

directed in Robert's Rules of Order (latest revised edition), require a majority vote of members present to carry.

Section 7.

At all regular meetings the order of business shall be as follows:

- (a) Call to order.
- (b) Reading and approval of (or correction to) the minutes of the previous meeting.
- (c) Reading of the Report of the Treasurer.
- (d) Reports of Officers and Committees.
- (e) Unfinished business.
- (f) New business.
- (g) If the annual meeting, the Election of Trustees and Officers
- (h) Adjournment.

Section 8.

The minutes of the annual meeting, together with all reports or abstracts of such reports presented at the meeting, shall be published in the June issue of Maryland Birdlife, which shall be mailed not more than 60 days after the meeting.

ARTICLE III - MEMBERSHIP

Section 1.

Members shall be by classes on an annual basis for the year September 1 to August 31. Membership in any class shall be open, upon application to the Secretary, to any person in sympathy with the purposes and objectives of the Corporation, and upon payment of the dues applicable to the class of membership elected. The classes of membership and dues payable therefore shall be as follows:

- (a) Honorary: Honorary members shall be those to whom such membership is awarded for meritorious services in behalf of the purposes and objectives of the Corporation. Any member of the M.O.S. may nominate, in writing to the President, a candidate for honorary membership. The President shall then submit the name to the next meeting of the Board of Trustees, who will vote for or against the election of the Candidate. For election, it is required that an unanimous vote of the Trustees shall be in favor of the Candidate. An honorary member shall have all the privileges of an active member, but shall be excused from payment of all M.O.S. dues and fees.
- (b) Patrons: Patrons shall be those who contribute in not more than four installments the sum of \$1,000.00 or more, provided that no contribution for Patron membership shall be accepted if the designated use is determined by the Executive Council to be outside the scope of purposes stated in ARTICLE I. No annual M.O.S. dues thereafter shall be required from this class.
- (c) Life Members: A life member shall be a person who contributes the sum of \$100.00 in no more than four annual installments; no annual M.O.S. dues thereafter shall be required from this class. Life membership dues shall go to the Sanctuary Fund.
- (d) Sustaining Members: Sustaining members shall be those persons who pay annual M. O. S. dues of \$5.00.
- (e) Active Members: Active members shall be those persons who pay annual M.O.S. dues of \$2.00.

- (f) Family Members: A man and wife, as a family, shall pay annual M.O.S. dues of \$3.00. Children under 18 years of age shall not be listed as members. Only one copy of MARYLAND BIRDLIFE shall be sent to family members; but each member shall be entitled to one vote.
- (g) Junior Members: Junior membership shall be limited to persons under 18 years of age; they shall pay annual dues of \$0.50; they shall not be entitled to vote at meetings of the Corporation.

Section 2.

New members shall pay full annual dues regardless of date of joining, except that for members of chapters which are in their first year of membership in M. O. S., dues may be reduced as the timing justifies.

Section 3.

Members whose dues remain unpaid on December 1, shall be dropped from the roll.

Section 4.

Dues for any class of membership may be changed at any time upon recommendation of the Board of Trustees and approval by two-thirds vote of the M.O.S. members present at any regular or special meeting.

ARTICLE IV - LOCAL CHAPTERS

Section 1.

A Local Chapter of the M.O.S. may be organized by any group of not less than ten within the State of Maryland. After organization, the local group shall petition the President of the M.O.S., in writing, for recognition as a Local Chapter. The petition shall include a copy of the Constitution and/or By-Laws for the proposed Local Chapter. The President shall pass this petition on to the next meeting of the Board of Trustees, and the latter shall vote for or against the incorporation of the local unit in the M. O. S. Following such election, each Local Chapter may administer its affairs in a manner consistent in all respects with the Articles of Incorporation and the By-Laws of the M. O. S.

Section 2.

Each Local Chapter shall be responsible for the collection of dues from all of its members, and the forwarding of these dues to the Treasurer of the M.O.S.

ARTICLE V - TRUSTEES

Section 1.

Annually, each Local Chapter shall nominate as its representatives on the Board of Trustees its President and one other voting member for each 100 members, or part thereof. Nominations shall be received by the Secretary of M. O. S. at least 20 days prior to the Annual Meeting of the Corporation. The nominations of such Trustees shall be reported as such nominees to the members at the annual meeting. No Nominees from the floor for Trustees shall be permitted at the annual meeting. The members present at the annual meeting shall then vote upon the nominees; a majority vote of those present is required for election. The term of each Trustee shall begin on the date of the annual meeting and continue for one year, or until his successor is elected and qualified.

Section 2.

A vacancy in a Trusteeship shall be filled by the Local Chapter in accordance with the By-Laws of that Chapter, and the nominee shall be confirmed or rejected by the Board of Trustees.

ARTICLE VI - OFFICERS

Section 1.

The elected Officers of the Corporation shall be elected from and by the voting members thereof, and shall be a President, a First and Second Vice-President; a Treasurer, and a Secretary, each of whom shall serve for one year, or until a successor is elected. The officers shall rank in the order named above.

Section 2.

It shall be the duty of the President to preside at meetings of the members, of the Board of Trustees, and the Executive Council. Subject to the Board of Trustees and the Executive Council, he shall exercise general supervision and control over the affairs of the Corporation, and shall perform such other duties as may be assigned to him from time to time by the Board of Trustees and the Executive Council.

Section 3.

In the event that the President is absent, or is unable to act, or is totally incapacitated from performing his duties, the First Vice-President assumes the title and duties of the President.

Section 4.

In the event that the First Vice-President assumes the office of President, or if the First Vice-President is incapacitated, the Second Vice-President assumes the title and duties of the First Vice-President.

Section 5.

The duties of the Secretary shall be to keep the minutes of the annual and any special meetings; of the meetings of the Board of Trustees and of the Executive Council; to keep an up-to-date membership list, and to notify the members and Trustees of meetings, as provided in the articles above. The Secretary shall send a copy of the minutes of all meetings to the Executive Secretary within 10 days of the meeting. The Secretary shall be the custodian of the seal of the Corporation.

Section 6.

The Treasurer shall have the duties of keeping the financial records of the Corporation; of seeing that the dues are forwarded by the Local Chapters; of notifying the Chapters of any delinquencies in paying dues; and of furnishing the Secretary with a list of paid-up members at least ten days before the annual meeting. He also shall notify the Secretary, or Executive Secretary, of changes in the membership list once every month. It shall be the duty of the Treasurer to prepare, for presentation at the annual meeting, a full and detailed financial statement as of April 20.

Section 7.

Each Officer of the Corporation shall be elected by a majority vote at the annual meeting, by ballot or viva-voce vote as the meeting determines. The officers shall assume their duties immediately upon election, and shall hold office for one year, or until their successors are chosen, or unless they are removed from the office as provided in Section 8 immediately below.

Section 8.

Any officer of the Corporation may be removed from office by a three-fourths vote of the total number of Trustees. It is not necessary for Trustees to show cause for such removal from office.

Section 9.

In the event of a vacancy in the office of the President which cannot be filled by the succession of First or Second Vice-Presidents as specified in Section 3 above, the Board of Trustees, by a majority vote of the entire number of Trustees, shall fill the vacancy from the membership of the Board. Likewise, the Board of Trustees shall fill any other vacancy in any other office or in any Committee, in accordance with the requirements of the By-Laws.

ARTICLE VII - EDITOR

Section 1.

The Editor shall be a non-elected officer of the Corporation, appointed by the President.

Section 2.

It shall be the duty of the Editor to write, edit, and publish with such assistance as he may need, MARYLAND BIRDLIFE, or such other magazines or papers as the Board of Trustees may request.

ARTICLE VIII - EXECUTIVE SECRETARY

Section 1.

The Executive Secretary shall be a non-elected officer of the Corporation who shall be appointed by the President and who shall reside within a convenient commuting distance of the home office of the Corporation at the Cylburn Mansion in Baltimore.

Section 2.

The Executive Secretary shall, with the cooperation of the Treasurer, maintain a current list of the membership and a current file of addressograph plates; shall advise the appropriate Chapter Treasurers of any delinquencies in the paying of dues; and shall prepare for each meeting of the membership, of the Board of Trustees, and of the Executive Committee, a current report on membership by class and Chapter.

Section 3.

The Executive Secretary shall cooperate with the State Secretary in notifying the members, Officers, and Trustees, of meetings. On receipt of the minutes of a meeting from the State Secretary, the Executive Secretary shall, within 10 days, reproduce and mail copies thereof, to all the Officers and all the Trustees and any Committee members concerned.

Section 4.

The Executive Secretary shall cooperate with the President and State Secretary in reproducing and distributing newsletters and memoranda.

Section 5.

The Executive Secretary shall cooperate with the Editor in the preparation, publication, and distribution of the publications of the Corporation.

Section 6.

The Executive Secretary, or his designated assistant, shall, at least once a week, visit the home office to obtain the mail and to take appropriate care thereof, and to file and maintain custody of the exchange periodicals.

ARTICLE IX - BOARD OF TRUSTEES

Section 1.

There shall be a Board of Trustees of not less than three, but equal to the total number of Trustees to which the Local Chapters are entitled.

Section 2.

The Board of Trustees shall consist of the Trustees as elected in Article V, Section 1, and all the elected officers as described in Article VI, Section 1. However, only the elected Trustees shall have a vote on the Board; except that, in the case of a tie, the Presiding Officer shall cast the deciding vote. The same individual may serve both as a Trustee and as an Officer.

Section 3.

The Board of Trustees shall have a minimum of two meetings each year: (A) An initial meeting following the annual membership meeting, and (B) A meeting approximately 8 weeks before the Annual convention.

Section 4.

At the initial meeting, the Board of Trustees shall organize for the year; elect the members of its Executive Council; elect the Chairman and Vice-Chairman of the Sanctuary Committee; select the location for the next annual meeting; adopt a budget for the current fiscal year, and transact such other business as lawfully may be brought before the meeting.

Section 5.

At its concluding meeting, the Board of Trustees shall receive and act on the reports of its Officers and Committees for the last year; prepare its report and recommendations for presentation to the membership at the annual meeting; and take care of any unfinished business.

Section 6.

Between the meetings specified in Section 3, the Board of Trustees shall meet as often as needed to give proper and prompt attention to the affairs of the Corporation. Such interim meetings may be called by the President or by any three Trustees, providing that each such Trustee shall be from a different Local Chapter. No less than ten days notice of such interim meetings shall be given in writing to the Trustees and to all of the Officers. The notice of such interim meetings shall indicate the major reasons for calling the meeting, but the business of the meeting shall not necessarily be limited to the stated items.

Section 7.

At all meetings of the Board of Trustees, a majority of the total number of Trustees to which all the Local Chapters are entitled shall constitute a quorum.

Section 8.

A Trustee who cannot be present at a meeting may designate in writing another member of the M.O.S. to serve as a proxy. Said proxy shall then have all the voting privileges of the absent Trustee. A proxy must be a member other than another Trustee and must be from the same Local Chapter as the absentee.

Section 9.

The Board of Trustees may vote by mail on matters referred to it by the President or the Executive Council. The following procedure shall be followed in voting by mail:

- (a) The matter or motion shall be fully and clearly stated.
- (b) It shall be stated who made and seconded the motion and what the vote of the Executive Council was on the motion.
- (c) A time and date, not sooner than 20 days after the mailing of the ballots, shall be specified for the return and the counting of the ballots.
- (d) The ballot shall provide three options, as follows:
 1. in favor of
 2. opposed to
 3. for deferral of action until the next meeting of the Board of Trustees.
- (e) A suitable ballot form shall be proscribed by the Board for all voting by mail.
- (f) Any motion to be approved by mail shall receive not less than a three-fourths vote of the full Board in the affirmative.
- (g) Within ten days of the counting of the ballots, the Secretary shall mail to all Trustees and all Officers the result of the vote and shall list by name how each Trustee voted.
- (h) Each ballot must be signed and dated by the Trustee voting it. Date of receipt must be certified on each ballot by the Secretary. Ballots received after the specified time shall not be counted. All ballots shall be preserved for one year.

Section 10.

The Board of Trustees may fill a vacancy in any office by mail ballot, providing it is done in three steps, as follows:

- (a) Notice of the vacancy is mailed to all Trustees, together with a statement of who is eligible and a call for nominations. A date, not sooner than ten days after the mailing of this notice, is specified for the receipt of nominations in writing, together with a statement that the consent of the nominee has been obtained.
- (b) The list of nominees shall be mailed to all the Trustees with a call for seconds. A date, not sooner than ten days after the mailing of the list, shall be specified for the receipt of the seconds in writing.
- (c) A ballot containing only the names of the persons who have been duly nominated and seconded shall be mailed to all the Trustees. A date, not sooner than ten days after the mailing of the ballots, shall be specified for the receipt of and the counting of the ballots. A Trustee shall sign and date his ballot; the Secretary shall certify the date of receipt of each ballot.

Within ten days of the counting of the ballots, the Secretary shall notify by mail all Trustees, all the Officers, and the successful nominee of the results of the election. Letters of nomination, letters seconding the nominations, and all ballots shall be preserved for one year in the records of the Corporation.

Section 11.

Minutes shall be kept of all meetings of the Board of Trustees, The Secretary of the M. O. S. shall act as Secretary of the Board of Trustees. In the absence of the Secretary of the M.O.S., the Board shall appoint a Secretary pro-tem.

ARTICLE X - EXECUTIVE COUNCIL

Section 1.

The Executive Council shall consist of seven Trustees and the Committee Chairmen as the voting members thereof, plus the Officers of the M.O.S., as described in Article VI, Section 1, as ex-officio, but non-voting members. The other seven members shall be elected from the Trustees by the Trustees at the initial meeting of the Board of Trustees. Each of these seven voting members shall be from a different Local Chapter.

Section 2.

The Executive Council, when the Board of Trustees is not in session, shall have general charge of the affairs of the Corporation. All meetings shall be in person and no business may be conducted by mail or by telephone or by any other means of communication.

Section 3.

The Executive Council shall meet as frequently as needed to attend to the business of the Corporation expeditiously, but not less often than once every three months. The Executive Council shall meet at the call of the President or any two voting members. Ten days advance notice of all Executive Council meetings shall be given to all its members.

Section 4.

At meetings of the Executive Council, four voting members shall constitute a quorum. The ranking officer present shall preside.

Section 5.

Prior to April 15, the Executive Council shall consider a budget for the ensuing fiscal year submitted by the Budget Committee and shall pass it on with any desired changes to the ensuing year's trustees for their consideration at their initial meeting. Not later than 12 days before the annual meeting, copies of this recommended budget shall be mailed to the members who are nominated as trustees for the ensuing year.

Section 6.

Minutes shall be kept of all meetings of the Executive Council. The Secretary of the M.O.S. shall act as Secretary of the Executive Council. In the absence of the Secretary of the M.O.S., the Council shall appoint a Secretary pro-tem.

Section 7.

Copies of the minutes of the Executive Council shall be mailed within 20 days after each meeting to all Trustees, all Officers, the Editor, and any Chairman of Committees who are concerned.

Section 8.

All actions of the Executive Council are subject to review and approval by the Board of Trustees. Any action of the Executive Council may be reversed, superseded, or otherwise altered by a majority of the full Board of Trustees.

ARTICLE XI - COMMITTEES

Section 1.

The Board of Trustees, at its initial meeting following the annual meeting, shall elect the Chairman and Vice-Chairman of the Sanctuary Committee. The President, with the approval of the Executive Council, shall appoint the other members of the Sanctuary Committee, and all other Committees, excepting the Nominating Committee as provided in Section 3, below. Not more than two members of any one Committee may be appointed from the same Local Chapter.

Section 2.

The Sanctuary Committee shall consist of voting members but shall not be subject to the restriction of Section 1, which limits the number of members on the committee from a given Local Chapter. The Board shall elect one member to be Chairman, and one to be Vice-Chairman. This Committee shall have the duty, subject to the control of the Board of Trustees, of investigating the acquisition, renting or leasing, and of the construction of, and of supervising and managing, the affairs of any bird or wildlife sanctuary or other nature project belonging to, or coming under the control of, the Corporation.

Section 3.

The Nominating Committee shall consist of five voting members, appointed by the Board of Trustees from the membership at large. The Board of Trustees shall elect one of these persons to be Chairman. The Nominating Committee shall have the duty of preparing and presenting to the annual meeting a slate of names for all Officers, for submission to the members for election at the annual meeting. No nomination shall be made without the nominee's prior consent to accept the position if he is elected.

Section 4.

The Auditing Committee shall consist of three persons appointed by the President from the membership at large; these shall be voting members; they shall hold no other offices or trusteeships in the M.O.S. One person of these three shall be designated as Chairman by the President. It shall be the duty of the Auditing Committee to audit the books of the Treasurer one week before the annual meeting, and report to the members at the meeting.

Section 5.

The Budget Committee shall be appointed by the President. It shall consist of 5 members, one of whom shall be the Treasurer and one of whom shall be designated by the President to be chairman. The Budget Committee shall on or before April 1st, prepare a budget for the ensuing fiscal year, beginning April 20th.

Section 6.

The President shall appoint an Investment Committee of four members, one of whom shall be the Treasurer, who will not be a voting member thereof. One member, other than the Treasurer, shall be designated Chairman. All disbursements, transfers of funds, and other similar actions required pursuant to the Committee's decisions shall be taken by the Treasurer. The Committee shall have the responsibility of investing available funds and may buy and sell stocks, bonds, or other investment media. It may specify additions to or reductions of accounts

(other than the Operating Fund) on deposit in banks and Building and Loan Associations. Unneeded cash in the Operating Fund may be similarly handled by the Investment Committee upon its release for the purpose by action of the Trustees. This committee shall keep the President closely and promptly informed of its progress and decisions.

ARTICLE XII - SIGNATURES

Section 1.

All notes of the corporation shall be signed by both the President and the Treasurer or, in the extended absence of the President, by one of the Vice-Presidents. Checks for running expenses (defined in Section 2) may be signed by either the Treasurer or the President. All other checks must be signed by both the Treasurer and President.

Section 2.

Expenses which result from normal operation, such as taxes, rent, cost of electricity, printing Maryland Birdlife, and others designated by the Executive Council, shall be called Running Expenses. Running Expenses may be paid by the Treasurer without action by the Council. Checks for approved expenditures other than running expenses in amount not exceeding \$200.00 shall be signed by the Treasurer. All checks for an amount in excess of \$200. shall be signed by both the Treasurer and President.

ARTICLE XIII - DISSOLUTION

Section 1.

In the event of dissolution of the Corporation, action shall be as stated in TWELFTH of Articles of Incorporation.

"TWELFTH: In the event of terminations, dissolution or winding up of this Corporation in any manner or for any reason whatsoever, the remaining assets, if any, shall be distributed to (and only to) one or more organizations described in Section 501(c)(3) of the Internal Revenue Code."

ARTICLE XIV - AMENDMENTS

Section 1.

These By-Laws may be amended by two-thirds favorable vote of the voting members of the Corporation present at any regular or special meeting, provided that the proposed amendment shall have been approved by the Board of Trustees, and shall have been distributed in writing, to members of the Corporation not less than 30 days prior to the meeting.



JUNIOR PAGE



WINTER BIRD POPULATION STUDY IN A RESIDENTIAL AREA

Jean A. Evenden

Purpose

The purpose of this eighth grade science project was to determine the kinds of birds, their approximate abundance, and the effects of weather conditions on my counts along a roadside transect in Montgomery County, Maryland, during the winter of 1969-70.

Study Area and Procedure

The study area is within walking distance of my home. It is a residential area in hardwood and pine forests. My one-mile hike was on portions of Carteret Road, Holly Oak Road, Deep Well Drive, Laurel Oak Road, and Seven Locks Road, Bethesda. I made 30 hikes, over the same one-mile route, on alternate days from December 24 through February 21. Each hike took approximately one hour.

Abundance

I counted a total of 6,881 birds of 28 species, or an average of 229 individuals per trip. The greatest number of species I saw in one day was 18. The least was 9. A summary of abundance by species is given in Table 1. The average birds per trip is also the average number seen per mile and per hour.

I had an unusually high count of Starlings and cowbirds. This is because a roost flight went over my study area every morning and evening. The main roost was about two miles from my study area. About one hundred thousand out of the one-half million birds went over my study area each day, and occasionally some of them made a brief stop in my area. I counted birds seen in flight as well as those that alighted in my area.

Frequency

When arranged by frequency of occurrence (number of trips out of 30), the sequence of most species is changed: Mockingbird 30, Starling 30, House Sparrow 29, Brown-headed Cowbird 29, Slate-colored Junco 29, Black-capped and Carolina Chickadees (combined) 27, Cardinal 26, Common Grackle 25, Mourning Dove 23, Blue Jay 21, Common Crow 21, Tufted Titmouse 17,

Red-breasted Nuthatch 17, American Goldfinch 17, White-throated Sparrow 15, Red-bellied Woodpecker 12, Evening Grosbeak 5, Turkey Vulture 4, Pileated Woodpecker 4, Downy Woodpecker 4, Hairy Woodpecker 3, Brown Creeper 3, Ring-billed Gull 2, Golden-crowned Kinglet 2, Rusty Blackbird 1, Red Crossbill 1, and Song Sparrow 1.

Table 1. Total Birds Seen and Average per Trip

<u>Species</u>	<u>Total Individuals</u>	<u>Ave. birds per trip</u>	<u>Species</u>	<u>Total Individuals</u>	<u>Ave. birds per trip</u>
Brown-hd. Cowbird	2,628	87.6	Tufted Titmouse	35	1.2
Starling	1,890	63.0	Blue Jay	28	0.9
Common Grackle	764	25.5	Red Crossbill	22	0.7
House Sparrow	386	12.9	Red-bellied Wdpkr	12	0.4
Slate-col. Junco	330	11.0	Evening Grosbeak	11	0.4
White-thr. Sparrow	148	4.9	Golden-cr. Kinglet	7	0.2
Cardinal	126	4.2	Turkey Vulture	5	0.2
Black-capped and Caro. Chickadees	119	4.0	Pileated Woodpecker	4	0.1
Mockingbird	92	3.1	Downy Woodpecker	4	0.1
Common Crow	83	2.8	Hairy Woodpecker	3	0.1
American Goldfinch	78	2.6	Brown Creeper	3	0.1
Mourning Dove	54	1.8	Ring-billed Gull	2	0.1
Red-br. Nuthatch	44	1.5	Song Sparrow	2	0.1
			Rusty Blackbird	1	+

Effects of Weather, Time of Day, and Season

To further study and analyze my data, I did several tests. I took six common birds and plotted them against various factors such as wind, temperature, sky cover, ground cover, precipitation, time of day (11 to 12 or 3 to 4), and time of year (late December to mid-February). The temperature ranged from 7^o to 54^o F. The wind ranged from calm to 35 m.p.h.

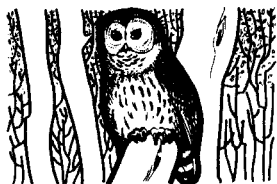
Based on the analysis of my data, I concluded that:

- 1) Cloudiness did not have any effect on the number of birds seen.
- 2) Light falling precipitation (snow or rain) did not have any effect on the number of birds seen.
- 3) Temperature did not have any effect on the number of birds seen.
- 4) More birds were seen on calm days than on windy days.
- 5) More birds were seen in late afternoon than at noon-time.
- 6) Birds were seen in smaller numbers in December than in February.
- 7) Most species (18) were seen in about the same numbers throughout the observation period, but 6 species increased and 4 decreased.

Final Comments

I feel that this project was of great help to me. As well as being a very interesting study, it helped me to observe many more things in nature. I hope that this report may be of interest to other students.

THE PRESIDENT'S PAGE



Although the subjects I've discussed on this page have been a varied lot, I am departing a bit from my custom this time to give the membership an idea of some of the things your Board of Trustees is concerned with at a board meeting. Accordingly, I will report on the October 1970 meeting, held at the home of Mr. & Mrs. Neville Kirk of the Anne Arundel Chapter. Twenty-three Trustees were present or were represented by proxy.

The work of the meeting began with the Treasurer's report. When this revealed funds in the checking account in excess of four thousand dollars, it was voted to place three thousand in an interest-bearing plan, thus to earn approximately one hundred eighty dollars annually.

In discussing the Helen Miller Scholarship Award, applications for which will be received until January 31, the suggestion was made that a suitable press release be prepared and sent to each chapter president for publication in the local newspaper. The suggestion was adopted and I can now report that such has been done.

Considerable discussion ensued concerning the broadened use of our sanctuaries. There was talk of nature trails, of descriptive leaflets and of self-guided tours, resulting in agreement that the Sanctuary Committee might well begin the preparation of a series of articles on the sanctuaries for publication in BIRDLIFE, and to prepare leaflets for self-guided tours.

Presented to the Board was a request from a neighboring property owner at Carey Run for permission to remove timber from his property over the sanctuary entrance road. Discussion led to a resolution expressing general disfavor but directing the local sanctuary committee to study the case, with authority to grant the request, if this seemed advisable, providing adequate assurance can be given that no harm will result or that sufficient indemnity is tendered in case of harm or damage.

The possibility of our being offered the use of a certain property for a wildlife sanctuary and for nature classes was announced. In this case the title to the property would not pass, but it would be known as an MOS sanctuary as well as by its present title (an historic site). While this is not an untried concept, the Trustees deferred action pending receipt of the actual offer.

It was brought out that individuals and groups, from time to time, wish to conduct studies on our various sanctuaries, an activity we

welcome if the nature of the work is not inimical to the sanctuary concept. Here is the resulting resolution:

MOS adopts the policy that any proposal for studies to be conducted on any MOS Sanctuary be submitted in writing to the local sanctuary committee. Depending upon the nature of the request, action may be taken by the local committee, or it may refer the request to the State Sanctuary Committee.

A proposal was made and adopted that the highlights of the meetings of the Trustees appear in BIRDLIFE, and this is what prompted my choice of the subject for this page. Future reports will probably not follow a narrative form, but will simply recount those matters considered and acted upon which are of general interest.

In reporting the work done at this meeting, I take pleasure in calling your attention to the dedicated people who so cheerfully apply themselves to the task. You may be assured that the affairs of your Society are in the hands of capable trustees and that the funds you have so generously provided for our sanctuaries are carefully administered and prudently invested.

V. E. Unger

REORGANIZATION OF M.O.S. SANCTUARY COMMITTEE

The M.O.S. Sanctuary Committee has been reorganized to provide better direction of our state network of wildlife sanctuaries and build a stronger program for their development and use.

Under the new organization, as approved by the 1970 Convention, overall direction is in the hands of a State Sanctuary Committee. Operating management of each individual sanctuary is assigned to a local committee from the chapter or chapters nearest the sanctuary.

In general, the State Committee is responsible for policy, subject to approval of the M.O.S. Board of Trustees, while the local committee is responsible for carrying out that policy.

The State Committee is headed by a chairman and vice chairman chosen by the M.O.S. at large and a secretary appointed by the President.

In addition, a local chairman and vice chairman are chosen from each of the chapters which are responsible for an individual sanctuary. The local chairmen are selected by the State President, and the vice chairmen by the chapters involved. All of these are voting members of the State Sanctuary Committee.

Local chapter presidents may appoint as many additional members of the local committee as they deem necessary for effective management of the sanctuary for which they are responsible. But only the chairman and

vice chairman have voting rights on the State Committee.

Functions of the State Committee, under direction of the Board of Trustees, are to:

Promote the state sanctuary program.

Represent the M.O.S. in public matters related to its sanctuaries.

Provide specific sanctuary committees general guidance for development, maintenance and utilization.

Assist them with their problems on request, prescribe reports required of them, and pass on their funding requests.

Functions of each local committee, under guidance of the State Committee, are to:

Manage its respective sanctuary.

Make required reports to the State Committee.

Organize a program which will encompass optimum utilization of its sanctuary.

The State Sanctuary Committee for 1970-71 is composed as follows:

Chairman: Gordon Hackman, Lilac Lane, Perry Hall.

Vice Chairman: Dickson Preston, R.D. 4, Box 233, Easton.

Carey Run (Allegany Chapter): Mrs. Gordon Taylor, chairman; John Willets, vice chairman.

Rock Run (Baltimore Chapter): C. Douglas Hackman, chairman; Rodney Jones, vice chairman. (Harford Chapter): John Tomlinson, chairman.

Mill Creek (Talbot Chapter): Robert Sharp II, chairman; Mrs. Gardner Tillinghast, vice chairman.

Irish Grove (Wicomico Chapter): Miss Joy Heaster, chairman; Charles Baker, vice chairman.

Adventure (A nature study center in Montgomery County for which M.O.S. shares administrative responsibility): Mrs. Morrill Donald and Chandler S. Robbins.

*Dickson Preston, Vice Chairman
Sanctuary Committee*



COMING EVENTS

- Jan. 6 KENT Monthly meeting.
 7 FREDERICK Monthly meeting
 8 ANNE ARUNDEL Monthly meeting 8 P. M., Assembly Room State Office Bldg. Speaker: Dr. James Gilford, "Changing Environment."
 16-17 BALTIMORE Eastern Neck Island National Wildlife Refuge. Make own reservations early with Mariners Motel, Rock Hall, Md. 21661. Leader: Mrs. Richard Cole.
 19 BALTIMORE Lecture, "Behavior of Birds" by Mr. Hervey Brackbill. 8 P. M. at Cylburn
 20 ALLEGANY Meeting, Board of Education Bldg., 7:30 P. M. Film - "Wild Rivers"
 21 MONTGOMERY Chapter Social
 23 ANNE ARUNDEL Washington Zoo Aviary. Leaders: Mr. & Mrs. Edison H. Cramer. Meet Parole parking lot, Riva Rd. entrance 7:45 A. M.
 24 BALTIMORE Covered dish supper at Cylburn Mansion 5 P. M. Reservations with Mrs. Nicholas Kay by Jan. 24.
 25 WICOMICO Monthly meeting
 26 PATUXENT Monthly meeting- W. J. L. Sladen. "Whistling Swans"
 27 ANNE ARUNDEL Sandy Point State Park. Leader: Mrs. Gordon Steen. Meet 8:30 A.M. at Rte. 50 Service Road, near Anglers Inn.
 30 MONTGOMERY Owl trip
 Feb. 3 KENT Monthly meeting
 4 FREDERICK Monthly meeting
 5 ANNE ARUNDEL Monthly meeting 8 P. M., Anne Arundel County Library. Films: "Bob-white, Through the Year" and "Wood Ducks"
 6 MONTGOMERY Hughes Hollow, Md.
 13 ANNE ARUNDEL Remington Farms Wildlife Refuge. Leader: Mr. Richard Heise. Meet at Rt. 50 Service Road 7:40 A. M.
 13-15 BALTIMORE Chincoteague Weekend. Make reservations with Mariner Motel, Chincoteague, Va. Co-leaders: Mr. & Mrs. John W. Poteet, Jr. and Mr. & Mrs. Malcolm Thomas.
 17 ALLEGANY Meeting, Parkside School 7:30 P. M. Lecture and slides.
 17 ANNE ARUNDEL Travel Slide Lecture 1:30 P. M. at Anne Arundel County Library. Speaker: Mrs. Edison Cramer, "Birding the Globe".

- Feb. 18 MONTGOMERY Monthly meeting 8 P. M., Perpetual Building Ass'n. "Studies on Whistling Swans". Speaker: Dr. Wm. J. L. Sladen
- 20-22 MONTGOMERY Winter Coastal trip
- 22 WICOMICO Monthly meeting
- 26 BALTIMORE Social evening. Dessert and slide presentation "Travels for Birds" by Mr. John Trott. Northwood-Appold Church, Lech Raven Blvd. & Cold Spring Lane.
- Mar. 2 BALTIMORE Conservation Evening. 8 P. M., Cylburn
- 3 KENT Monthly meeting
- 4 FREDERICK Monthly meeting
- 5 ANNE ARUNDEL Annual Spring Lecture - 8 P. M. Annapolis Junior High School, Forest Drive. Speaker: Mr. Chandler S. Robbins, "Summer Birding in Swedish Lapland" Tickets \$1.25
- 7 BALTIMORE Chesapeake Bay Center for Environmental Studies of Waterfowl at Ivy Neck. Leader: Dr. Wm. J. L. Sladen. Meet Richie Mart 8 A.M.
- 13 ANNE ARUNDEL Courtship Flight of Woodcock at Dusk. Meet 5:30 P.M., Parole parking lot, Riva Rd. entrance. Leader: Dr. Hildegard Reissman.
- 13 BALTIMORE Perry Point and Rock Run 8 A.M. Leader Mr. Douglas Hackman. Meet Edgewood Diner, Rte. 40 East 8 A.M.
- 14 MONTGOMERY Field Trip
- 16 BALTIMORE Spring at Lake Roland - First of Tuesday morning walks 8 A.M. Leader: Mrs. Harold Archer
- 17 ALLEGANY Meeting, Board of Education Bldg., 7:30 P. M. Lecture by Mr. Jon Jensen
- 18 MONTGOMERY Monthly meeting 8 A. M. "Birding at Chincoteague" Speaker: Mr. Charles R. Ellis
- 21 BALTIMORE Courtship Flight of Woodcock at dusk. 5:30 P. M. Co-leaders: Mr. C. Haven Kolb, Jr. and Dr. & Mrs. Wm. W. Pope.
- 22 WICOMICO Monthly meeting
- 23 BALTIMORE Lake Roland, 8:00 A. M.
- 23 PATUXENT Monthly meeting
- 26 BALTIMORE Audubon Wildlife Film Lecture. Doris Boyd, "A Place in the Sun". 8 P. M. Dumbarton Jr. High School.
- 27 ANNE ARUNDEL Bombay Hook National Wildlife Refuge. Leader: Mrs. Gordon Steen. Meet 7:30 A. M., Route #50 Service Rd. Entrance fee \$1.00 per car to National Refuge
- 27 MONTGOMERY Southern Maryland field trip
- 30 BALTIMORE Lake Roland, 8 A. M.
- Apr. 1 FREDERICK Monthly meeting
- 2 ANNE ARUNDEL Monthly meeting, Anne Arundel County Library. Speaker: Mr. James Robinson, "A Collection of Eggs and Nests."
- 3 BALTIMORE First of two Saturday walks at Lake Roland, 8 A.M. Leaders: Mr. & Mrs. Walter Bohanan.
- 4 ALLEGANY Canal walk. Meet at Rouge Lagoon, back of PPG at 1:30 P. M. Leader: Mr. James Paulus

Apr.	6	BALTIMORE	Lake Roland 8 A. M.
	7	KENT	Monthly meeting
	10	BALTIMORE	Lake Roland 8 A. M. Leader: Mrs. Martin Larrabee.
	13	BALTIMORE	Lake Roland 8 A. M. Leader: Mrs. Carl Lubbert
	14	ANNE ARUNDEL	Trip to Woodend, sanctuary of the Audubon Naturalist Society. Leader: Mrs. Louis Corson. Meet 8:30 A.M., Parole Parking lot, Riva Rd. entrance.
	15	MONTGOMERY	Monthly meeting 8 P. M. "MOS Today and Tomorrow" Speaker: MOS President, V. Edwin Unger
	17-18	BALTIMORE	Irish Grove Wildlife Sanctuary weekend
	20	BALTIMORE	Lake Roland 8 A. M. Leaders: Mr. & Mrs. Walter Bohanan
	21	ALLEGANY	Monthly meeting, Board of Education Bldg., 7:30 P. M. Alverta Dillon. "Through the Seasons."
	23	BALTIMORE	Audubon Wildlife Film Lecture. Olin Pettingill, Jr. "New Zealand Spring". 8 P. M. Dumbarton Junior High School.
	24-25	ANNE ARUNDEL	Irish Grove Wildlife Sanctuary weekend.
	24	BALTIMORE	Upper Loch Raven. 8:00 A. M. Leader: Mr. Charles M. Buchanan
	24	MONTGOMERY	C & O Canal
	25	BALTIMORE	C & O Canal and Potomac River (Great Falls - Violet Locks) Leader: Mr. Hank Kaestner, 7:30 A.M.
	25	ALLEGANY	Savage River Dam trip. Meet 2 P. M. at Bartons'
	26	WICOMICO	Monthly meeting
	27	BALTIMORE	Lake Roland 8 A. M. Leader: Mrs. Carl Lubbert
	27	PATUXENT	Monthly meeting
	28	ANNE ARUNDEL	National Arboretum of the U. S. Leader: Mrs. Gordon Steen. 8:30 A.M. at Parole parking lot Riva Rd. entrance.
May	1	STATEWIDE	May Count
	4	BALTIMORE	Lake Roland 8 A.M. Leader: Miss Jane Daniels
	7-8-9	STATEWIDE	Ocean City Convention, Hastings-Miramar
	9	BALTIMORE	Finally Farm, Phoenix, Md. 8 A. M.
	11	BALTIMORE	Lake Roland 8 A.M. Leader: Mrs. C. L. Conley
	15-16	ALLEGANY	Work days at Carey Run Sanctuary. Volunteer to help by calling Billie Taylor.
	15	ANNE ARUNDEL	Monthly meeting - Picnic Supper. 4:30 P. M. Co-ordinator: Mrs. Anna Paradee
	15	BALTIMORE	Mill Creek Sanctuary in Talbot County. Meet 8:30 A. M. at Sanctuary. Leaders: Mr. & Mrs. Carl Lubbert
	16	BALTIMORE	Rock Run Sanctuary in Harford County. Meet at Sanctuary 8:30 A.M. Leader: Mr. C. Douglas Hackman
	20	MONTGOMERY	Monthly meeting 8 P.M. "Birds of Tical, Guatemala". Speaker: Mr. Philip A. Dumont
	21-23	BALTIMORE	Cape May, New Jersey, weekend. Reservations with Miss Grace Naumann by May 12
	22	ANNE ARUNDEL	Quiet Waters Farm. Leaders: Mr. & Mrs. John Ford. Meet at gate alongside Hillsmere Gate, Forest Drive and Bay Ridge Ave. 7:40 A. M.

- May 22 BALTIMORE Patapsco State Park (Glen Artney Area). Leader: Mr. Irving Hampe, Sr. Meet Mr. & Mrs. John Chalk, Jr. at Hutzlers' Westview Parking 7 A. M.
- 22 MONTGOMERY Annual Chapter Sea Voyage from Ocean City, Md.
- 23 ALLEGANY Flower walk. Meet at Carey Run 2:30 P.M.
- 24 WICOMICO Monthly meeting
- 25 PATUXENT Monthly meeting - picnic at Scott's Cove 6:30 P.M.
- June 5 BALTIMORE Picnic Supper
- 9 ANNE ARUNDEL Corcoran Woods. Meet Route 50 Service Road, 8:30 A. M. Leader: Mrs. Neville Kirk
- 27 ALLEGANY Anniversary Day - Carey Run Sanctuary. Walk 2:30 P. M. Covered dish supper, 5:30 P. M. Chairman, Miss Nan Livingstone



JUNIOR PROGRAMS

BALTIMORE All talks begin at 10 A.M. and are followed by bird and nature walks at 10:45 A.M.

- Jan. 9[^] The Origin of Some of Maryland's Geology Mr. Lawrence Bruns
10 A.M.
- 23 Wild Pet Show. Mrs. Walter Clinnin, Jr.
- Feb. 6 Caving Mr. James P. Wells
- 20 Spiders Dr. Charles Hassett
- Mar. 6 Pollution Mrs. Wm. J. Sladen
- 20 Bird Banding demonstration Mr. Douglas Hackman 8 A.M. and
9:30 A.M.
- Apr. 3 Life Between Tides Mr. Steve Simon 10 A.M.
- Apr. 12-16 Vacation - Bird and Nature walks each morning at 9 A.M.
- Apr. 17 Herptiles Mr. Russell Dunn
- May 1 Wildflowers Mrs. Frances M. Rackemann, Jr.
- May 15 Nesting Mr. C. Douglas Hackman

MONTGOMERY

- Jan. 16 Potomac, Md. Feeder birds and banding demonstration
- Feb. 13 Hughes Hollow, Md. for winter residents
- Mar. 13 Kent Island and Blackwater Refuge for waterfowl
- Apr. 24 Lily Ponds, Md. for shorebirds
- May 25 Hughes Hollow for banding demonstration
- June 26 Colton Point, Md.

ANNE ARUNDEL

- Apr. 17 Youth hike to Camp Letts. Leader Mr. Richard Heise. Meet at flagpole, Annapolis Senior High School 9 A. M.

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