

PROCEEDINGS OF THE EIGHTY-SECOND STATED MEETING
OF THE AMERICAN ORNITHOLOGISTS' UNION

LAWRENCE H. WALKINSHAW, SECRETARY

THE Eighty-second Stated Meeting of The American Ornithologists' Union was held from 30 August to 3 September 1964, at The University of Kansas, Lawrence, Kansas. Business sessions were held on 30 August; paper sessions on 31 August and 1 and 2 September, and on 3 September a morning field trip was taken to the Natural History Reservation of The University of Kansas.

BUSINESS SESSIONS

On 30 August the Council met throughout most of the day; the Fellows met late in the afternoon, and the Fellows and Elective Members met in the evening. The Council held a second meeting the morning of 2 September, as did the Fellows.

1965 meeting. The Eighty-third Stated Meeting will be held from 23 to 27 August 1965 at Columbus, Ohio, by invitation from the Ohio State University, the Ohio State Museum, The Ohio Historical Society, the Wheaton Bird Club, and the Columbus Audubon Society.

1966 meeting. The Eighty-fourth Stated Meeting will be held during early September, 1966, at Duluth, Minnesota, by invitation of the University of Minnesota, Duluth.

1967 meeting. The Eighty-fifth Stated Meeting has tentatively been set to be held at Toronto, Ontario, by invitation of the Royal Ontario Museum of Zoology and Paleontology.

Awards. The Brewster Memorial Award, by action of the Council, was made to Dr. Herbert Friedmann, of the Los Angeles County Museum, Los Angeles, California, for his work entitled *Host relationships of the parasitic cowbirds* as well as his work on other birds displaying brood parasitism. The citation reads: "Dr. Friedmann began his lifelong study of brood parasitism in birds in the 1920's with those unpopular but fascinating New World inhabitants, the cowbirds. His interest in this strange biological phenomenon has since led him further afield, and he has produced important monographs on other parasitic birds, including the honey-guides, African cuckoos, and parasitic weaverbirds. His interest in the cowbirds has not diminished, however, as evidenced by the publication in 1963 of his *Host Relationships of the Parasitic Cowbirds*, a definitive summary of the information available to date. Dr. Friedmann's contributions to our knowledge of brood parasitism are outstanding even when viewed in the context of his impressive total list of publications, which reflect the exceptionally broad scope of his ornithological interests. In recognizing his accomplishments

as a specialist, we wish also to hail his universally acknowledged position as one of the leaders of American ornithological scholarship."

Marcia Brady Tucker Awards, enabling young ornithologists of promise to attend the annual meeting, were given by vote of the officers to Jay N. Dykstra of the University of Arkansas, Thomas C. Rambo of Ohio State University, Gary Schnell of Central Michigan University, and Stuart L. Warter of Louisiana State University.

Amendments to the By-laws. Two amendments to the By-laws and Rules were proposed by the Fellows, then considered by the Council, and then recommended by the Fellows. Final action on these proposals will be taken at the 1965 meeting of Fellows:

Article IV, Section 3, to be added: "Provided that with unanimous consent the re-election of President, a Secretary, or a Treasurer may be made by open vote." This was signed by Hoyes Lloyd and George H. Lowery, Jr.

Article VII, Section 2 (present wording): "No contract shall be binding upon the Union which has not been authorized by the Council. No liability exceeding one thousand dollars, nor total debt exceeding two thousand dollars, shall be incurred by the Council without the formal consent of the Union, as expressed by a majority vote at a Stated Meeting.

Proposed revision: "No contract shall be binding upon the Union which has not been authorized by the Council. All appropriations shall be made by the Council. With the written approval of the President an expenditure may exceed its appropriation by up to 20 per cent of the amount of the appropriation. Expenditures exceeding the appropriated amount by more than 20 per cent require a prior supplemental appropriation by the Council by mail ballot." Signed by Robert J. Newman and George H. Lowery, Jr.

Membership. The Secretary reported that 3,722 copies of *The Auk* were being mailed. The figure included all classes of members, subscriptions, and exchanges with other journals. The Secretary's and Treasurer's records showed members by classes, before the elections in this meeting, as follows:

Fellows	86
Honorary Fellows	20
Corresponding Fellows	73
Elective Members	190
Honorary Life Elective Members	7
Members	2,651
Honorary Life Members	11
Student Members	44
Total	3,082

There were 327 new members added or reinstated since the previous year's meeting and 105 lost, making a net gain of 193.

Finances. The report of the Treasurer appears in full elsewhere in *The Auk*.

Van Tyne Memorial Awards were made to J. David Ligon, for a comparative study of North American species of *Dendrocopos*; John D. Newman, for a study of behavior in the genus *Spizella*; Jack Kammeraad, for a study of bird depredations in blueberry fields; and Terrence N. Ingram, for a study of Red-tailed Hawks in Wisconsin.

Cyrus Mark, Chairman of the Investing Trustees, reported that the appraised value of the endowment holdings, as of 31 July 1964, was \$221,063.00, giving a capital increase for the year of \$17,855.00. Mr. Mark added: "In recognition of the height of the market and the longevity of the present business recovery, the Investing Trustees have taken two conservative steps. During the fiscal year there was a modest reduction in common stocks and a corresponding increase in fixed income obligations. In addition, there was a shift of emphasis through the sale of some cyclical stocks with replacement by stocks somewhat less sensitive to market variations The investments of the merged assets account at the end of the 1964 year were divided, 37.21 per cent in bonds and 62.79 per cent in stocks."

Beecher S. Bowdish Bequest. Mrs. Beecher S. Bowdish died within the year. The 600 shares of General Electric stock willed to the A.O.U. by her late husband, Beecher S. Bowdish, were to be turned over to the Union in the near future with the income from this bequest to be sent to the Bowdishes' daughter, Mrs. Constance van Ryder, during her lifetime.

Editorial matters. Robert M. Mengel, Editor of *The Auk*, reported that three numbers of volume 81 (417 pp.) have appeared and the fourth (128 pp. plus 70 pp. of membership list) is set in type. The mean time from initial receipt to publication for items in nos. 1-3 of volume 81 has been 11.4 months (2-17) for 24 major papers and 11.1 months (2-19) for 39 general notes. This improvement was accomplished by: (1) publishing at a sustained and considerable rate (600 pp. per year); (2) by vigorous economy of wording; (3) by stringent reduction of length in memorials, committee reports, and "Recent Literature"; and (4) by a rigorously selective acceptance policy. Dr. Mengel was re-elected Editor of *The Auk*.

Ralph S. Palmer, the Editor of the *Handbook of North American birds* reported on continuing work on the *Handbook* project and stated that volume 2 is nearing completion.

Robert W. Storer, Editor of *Ornithological Monographs*, reported that *Ornithological Monographs* no. 1, "A Distributional study of the birds of British Honduras," by Stephen M. Russell, was published 26 June 1964. Copies were available at the meeting. The generosity of Mrs. Carll Tucker,

made it possible to benefit members by a 20 per cent discount. This brought the price to \$3.60 (195 pages).

The second *Monograph*, Robert M. Mengel's "Birds of Kentucky," about 600 pages, is in galley proof and should be issued in a few months. Three other manuscripts are being prepared for the printer: these are Oscar Owre's "Anatomical study of the Double-crested Cormorant and the Anhinga," Neal Smith's study of northern gulls, and Gerard van Tets' study of the comparative behavior of pelecaniform birds. Another manuscript, Louise de Kiriline Lawrence's "A comparative life-history study of four species of woodpeckers," has been accepted.

Within the year the Committee on Biography learned of the death of 2 Corresponding Fellows, 1 Fellow Emeritus, 3 Fellows, 5 Elective Members, 2 Honorary Life Members, 1 Life Member, and 16 Members:

Harry A. Allard, Member
 Arthur A. Allen, Fellow
 Randolph Ashton, Member
 Mrs. Beecher S. Bowdish, Honorary Life Member
 James P. Chapin, Fellow Emeritus, Former President
 Richard D. Cole, Member
 Miss May Thacher Cooke, Life Elective Member
 Kenneth J. Cox, Member
 John J. Elliot, Member
 Russell Fowler, Member
 Mrs. Mena V. French, Life Member
 Carl Alexander Gibson-Hill, Corresponding Fellow
 Christian J. Goetz, Life Member
 A. Brazier Howell, Life Elective Member
 Claude Leister, Member
 Mrs. Hazel R. Ellis Loomis, Member
 Philip James McCook, Honorary Life Member
 Walter F. Mulligan, Member
 George C. Munro, Elective Member
 Olaus J. Murie, Elective Member
 Donald John Nicholson, Life Member
 Harry C. Oberholser, Life Fellow
 Walter S. Primley, Member
 Thomas B. Pugh IV, Member
 Egmont Z. Rett, Life Member
 Ward J. Rice, Member
 David W. Seth-Smith, Corresponding Fellow
 Reuben M. Strong, Fellow
 Mrs. Whiting Washington, Member
 Angus M. Woodbury, Elective Member

Harrison B. Tordoff, Chairman of the Committee on Student Awards, reported by letter that the committee chose 44 students to receive free

membership in the A.O.U. for one year. The students represent 31 different colleges and universities.

John T. Emlen, *Chairman*, submitted a report from the Committee on Research, which was presented by L. Richard Mewaldt. This will appear in a later issue.

Victor Cahalane, Chairman of the Committee on Bird Protection, presented parts of the report of that Committee. This report will appear in *The Auk*.

ELECTION OF OFFICERS

At a meeting of the Fellows and Elective Members, Dean Amadon was elected President, Oliver L. Austin, Jr., was advanced automatically to First Vice-President, Harold F. Mayfield was elected Second Vice-President, L. Richard Mewaldt was elected Secretary, and Robert J. Newman was re-elected Treasurer.

Kenneth C. Parkes, Robert W. Storer, and Harrison B. Tordoff were elected to the Council for terms expiring in 1967.

Robert M. Mengel was re-elected Editor of *The Auk* by the Council. Cyrus Mark, Chairman, Turner Biddle, and Arlie W. Schorger were re-elected as the Board of Investing Trustees. The complete list of officers and members of the Council appears at the end of the Proceedings.

ELECTION TO SPECIAL CLASSES OF MEMBERSHIP

The following persons were elected to special classes of membership:

FELLOW EMERITUS	ELECTIVE MEMBER
Jean M. Linsdale	Richard R. Graber
FELLOW	John W. Hardy
William C. Dilger	Ned K. Johnson
E. G. Franz Sauer	Lester L. Short, Jr.
Melvin A. Traylor	William J. L. Sladen
CORRESPONDING FELLOW	Joel Carl Welty
Paul Géroudet	

ATTENDANCE

Attendance at the meeting included 306 persons from four provinces of Canada, 37 states and the District of Columbia, Guatemala, México, and Trinidad, as follows:

GUATEMALA—Nilda Leal.

MÉXICO—A. R. Phillips.

TRINIDAD, West Indies—C. Brooke Worth.

CANADA—*Alberta*: Timothy Myres. *New Brunswick*: A. J. Erskine. *Ontario*: James L. Baillie, Melvin I. Dyer, William Gunn, Allen Keast, Elizabeth Lloyd, Mr. and Mrs.

Hoyes Lloyd, George W. North. *Saskatchewan*: Ross Lien, John B. Millar, Robert W. Nero, Richard Sanderson.

UNITED STATES—*Alaska*: Brina Kessel, F. S. Williamson. *Arizona*: Dr. and Mrs. Stephen Russell. *Arkansas*: Mr. and Mrs. Rolan Brown, Ken Davis, Mr. and Mrs. Jay Dykstra, Mr. and Mrs. Henry Halberg, Dr. and Mrs. Douglas James, Frank Peek, James Turner, Charles Wallace. *California*: Enid Austin, Richard Banks, Dr. and Mrs. N. E. Collias, Gerald Collier, John Davis, Ernest Edwards, John W. Hardy, Charles Hartshorne, Mr. and Mrs. Richard T. Holmes, Dr. and Mrs. Thomas R. Howell, Ned K. Johnson, Dr. and Mrs. L. Richard Mewaldt, Alden H. Miller, Frank A. Pitelka, George W. Salt, M. J. Harold Severaid, Linda Wood. *Colorado*: Dr. and Mrs. Alfred M. Bailey, Paul Baldwin, Robert R. Cohen, James H. Enderson, A. S. Hyde, James R. Koplin, Patrick L. Stallcup, Mr. and Mrs. Donald Thatcher, Jack L. Welch. *Connecticut*: Peter Ames, N. Philip Ashmole, Thomas E. Lovejoy, Mr. and Mrs. Lawrence R. Penner, Roger Tory Peterson. *Delaware*: Mrs. Richard A. Herbert. *District of Columbia*: Binion Amerson, C. L. Atwood, Charles L. Ely, R. R. Fleet, P. J. Gould, Warren King, Lester L. Short, Jr., Allan Studholme, Dr. and Mrs. Alexander Wetmore, Richard L. Zusi. *Florida*: Dr. and Mrs. Oliver Austin, Pierce Brod-korb, David W. Johnston, William B. Robertson, Jr., Charles H. Trost, Glen Woolfenden. *Georgia*: Rexford D. Lord, David T. Rogers, Jr. *Illinois*: Ormsby Annan, Karl E. Bartel, Frank Bellrose, Emmet R. Blake, Walter Bock, William George, Terrence Ingram, S. C. Kendeigh, Mr. and Mrs. Cyrus Mark, H. Morioka, Dr. and Mrs. Austin Rand, Gary D. Schnell, Mr. and Mrs. James Tate, Jr., Melvin Traylor. *Indiana*: Marilyn F. Campbell, James B. Cope, J. Hill Hamon, Robert A. Johnson. *Iowa*: Paul Doerder, Peter Petersen, Jr., Mr. and Mrs. Fred J. Pierce, Arlo Raim. *Kansas*: Mr. and Mrs. Jon C. Barlow, Amelia Betts, Dr. and Mrs. Ivan L. Boyd, Mr. and Mrs. William Brecheisen, L. B. Carson, Joan Challans, Mr. and Mrs. A. Dean Cole, Jr., Ann R. Condit, John A. Davis, Ruth D. Faulh, Dr. and Mrs. Henry Fitch, Gladys Galligar, Jacob B. Gier, Wallace M. Good, Dr. and Mrs. E. Raymond Hall, Mr. and Mrs. Kent Hall, J. C. Johnson, Jr., R. Roy Johnson, Dr. and Mrs. Richard F. Johnston, J. Knox Jones, Jr., Katharine Kelley, Erwin E. Klaas, Sanford Leffler, Merrill McHenry, Dr. and Mrs. Robert M. Mengel, Kathryn Nelson, Mr. and Mrs. John Newman, Gary C. Packard, Dennis Power, Dwight Platt, Orville Rice, James D. Rising, Richard H. Schmidt, T. M. Sperry, Robert Sutherland. *Kentucky*: Mr. and Mrs. Burt L. Monroe, Sr. *Louisiana*: L. C. Binford, Joel L. Cracraft, Mr. and Mrs. Sidney Gauthreaux, F. Allen Hayse, Dr. and Mrs. Hugh C. Land, Dr. and Mrs. George Lowery, Mr. and Mrs. Burt Monroe, Jr., John J. Morony, Jr., Dr. and Mrs. Robert J. Newman, Mr. and Mrs. Stuart Warter. *Maryland*: Ann Eileen Miller. *Massachusetts*: Lee Burgess, Richard T. Darby. *Michigan*: Richard Brewer, Jean Cohn, N. L. Cuthbert, Mr. and Mrs. John Hubbard, Jack Kammeraad, Dr. and Mrs. Miles Peelle, Peter Stettenheim, Dr. and Mrs. Robert W. Storer, Dr. and Mrs. Harrison B. Tordoff, Dr. and Mrs. Lawrence Walkinshaw. *Minnesota*: Bertin Anderson, W. J. Breckenridge, Peter Getman, Gordon Gullion, Sharon Haggerty, Vincent A. Heig, Mr. and Mrs. Pershing Hofslund, Eugene LeFebvre, William H. Marshall, D. Frank McKinney, Genevieve M. Tvrdik. *Missouri*: Mr. and Mrs. Robert Breitenbach, William L. Foster, Mr. and Mrs. John Hamilton, Paul Heye, The Reverend James Mulligan, E. O'Connor, Kenneth C. Olsen, Cyrus Rositzky. *Nebraska*: Mr. and Mrs. R. G. Cortelyou, Doris Gates, Paul Johnsgard, Mrs. Earl Lionberger, Mr. and Mrs. John Lueshen, Mr. and Mrs. Roger Sharpe. *New Jersey*: Mrs. Herbert E. Carnes. *New Mexico*: Terrence R. Best, Richard L. Maze, David R. Moore, Ralph Raitt. *New York*: Dean Amadon, Mr. and Mrs. W. W. Brockner, Victor

Cahalane, Roland C. Clement, R. W. Dickerman, Eugene Eisenmann, Mr. and Mrs. Fred T. Hall, Herbert T. Hendrickson, Eric V. Johnson, Douglas Lancaster, Ralph S. Palmer, Samuel M. Patton, Olin Sewall Pettingill, Jr., Richard H. Pough. *North Carolina*: Charles H. Blake, G. Thomas Taylor. *North Dakota*: J. Frank Cassel, Jay F. Cassel. *Ohio*: Mr. and Mrs. Edwin Franks, Mr. and Mrs. Larry Holcomb, Mr. and Mrs. Harold Mayfield, Thomas Rambo, Beth Trautman, Dr. and Mrs. Milton Trautman. *Pennsylvania*: David E. Davis, Mary Heimerdinger, Dr. and Mrs. Carl Helms, Kenneth C. Parkes. *South Dakota*: Mr. and Mrs. Byron Harrell, Herbert Krause. *Tennessee*: Raymond Bacon, Mr. and Mrs. John A. Cheek II, Albert F. Ganier, J. C. Howell, Amelia R. Laskey. *Texas*: L. Irby Davis, Warren Pulich, Robert K. Selander, Dr. and Mrs. Hobson Wildenthal, Col. L. R. Wolfe. *Utah*: Keith L. Dixon. *Vermont*: Dr. and Mrs. Abbot S. Gaunt. *Virginia*: Dr. and Mrs. John Aldrich, John V. Dennis, Fred Sibley, Robert A. Sundell. *Washington*: Mr. and Mrs. George A. Clark, Jr., James R. King. *West Virginia*: Mr. and Mrs. Lloyd F. Kiff. *Wisconsin*: Daniel D. Berger, David A. Bratley, Ellen Hoffman, Margarett E. Morse, Helmut C. Mueller, A. W. Schorger. *Address unknown*: D. E. Craig, S. A. Parker.

PUBLIC SESSIONS

Papers sessions were held both morning and afternoon of three successive days, beginning Monday, 31 August, in the Student Union Auditorium.

MONDAY MORNING SESSION

The meeting was opened by an address of welcome by Dr. James R. Surface, Vice-Chancellor and Dean of Faculties of The University of Kansas. The response was given by Dr. Austin L. Rand, President of The American Ornithologists' Union. The Secretary summarized the results of the previous day's sessions, including elections. The following papers were then presented:

JAMES A. MULLIGAN, Saint Louis University, Saint Louis, Missouri, *Social Stimulation and Repertoire Size in the Song Sparrow*, *Melospiza melodia*.

KEITH L. DIXON, Utah State University, Logan, Utah, *Dominance-Subordination Relations in Mountain Chickadees*.

DAVID F. PARMELEE, Kansas State Teachers College, Emporia, Kansas, *Bird Banding in the Canadian Arctic Archipelago*.—Read by title.

LESTER L. SHORT, JR., Fish and Wildlife Service, Washington, D. C., *Pine Woodland and Bird Distribution in the Central Great Plains*.

NED K. JOHNSON, University of California, Berkeley, California, *Differential Timing and Routes of the Spring Migration According to Sex and Age in the Hammond Flycatcher*.

HENRY S. FITCH and REX O. BARE, The University of Kansas, Lawrence, Kansas, *Ecology of the Red-tailed Hawk in the Deciduous Forest-Prairie Ecotone*.

WILLIAM GEORGE, Southern Illinois University, Carbondale, Illinois, *Small Birds and Structural Parallelism*.

MONDAY AFTERNOON SESSION

DEAN AMADON, American Museum of Natural History, New York, New York, *Galápagos—1964*.

RICHARD T. HOLMES, University of California, Berkeley, California, *Behavior and Social Organization of Breeding White-rumped Sandpipers*.

- FRANK A. PITELKA, University of California, Berkeley, California, *Displays and Taxonomy of the Sandpipers of the Genus Calidris.*
- ROBERT K. SELANDER, The University of Texas, Austin, Texas, *Hybridization of Rufous-naped Wrens in Chiapas, México.*
- SANFORD R. LEFFLER, The University of Kansas, Lawrence, Kansas, *Relationships of the Tinamidae.*
- ROBERT W. STORER, The University of Michigan, Ann Arbor, Michigan, *The Color Phases of the Western Grebe.*
- HAROLD MAYFIELD, Waterville, Ohio, *The Cowbird with Old and New Hosts.*
- ERWIN E. KLAAS, The University of Kansas, Lawrence, Kansas, *Nesting Success and Cowbird Parasitism in the Eastern Phoebe.*
- REXFORD D. LORD, HERBERT MAXFIELD, WALTER NICKELL, and TELFORD H. WORK, U. S. Department of Health, Education, and Welfare, Atlanta, Georgia, and Cranbrook Institute of Science, Bloomfield Hills, Michigan, *A Pilot Study of Trans-Gulf Migrant Populations in Winter and Summer Habitats.*

TUESDAY MORNING SESSION

- L. RICHARD MEWALDT, San Jose State College, San Jose, California, and ROBERT J. NEWMAN, Louisiana State University, Baton Rouge, Louisiana, *Displaced California Zonotrichia Return from Louisiana.*
- RICHARD C. BANKS, Natural History Museum, San Diego, California, *The Nesting Starling Population in Southern California and Northern Baja California.*
- JOHN WILLIAM HARDY, Occidental College, Los Angeles, California, and ROBERT W. DICKERMAN, Cornell University Medical School, New York, *Ecological Relationships Between two Sympatric Forms of the Red-winged Blackbird.*
- OLIVER L. AUSTIN, JR., Florida State Museum, Gainesville, Florida, *Demography of the Sooty Tern.*
- N. PHILIP ASHMOLE, Yale University, New Haven, Connecticut, *Breeding and Molt in Sooty Terns (Sterna fuscata) on Christmas Island, Pacific Ocean.*
- S. CHARLES KENDEIGH, University of Illinois, Champaign, Illinois, *Seasonal and Taxonomic Differences in the Size and Activity of Avian Thyroids.*
- ROBERT R. COHEN, University of Colorado, Boulder, Colorado, *Effects of Chronic Decompression Hypoxia on Total Circulating Hemoglobin, Erythrocyte Volume, and Blood Volume of the Pintail (Anas acuta).*
- MELVIN I. DYER, University of Guelph, Guelph, Ontario, *Radar and Morphometric Studies on Transient Red-winged Blackbird Populations.*

TUESDAY AFTERNOON SESSION

- ABBOT S. GAUNT, Middlebury College, Middlebury, Vermont, *Fossorial Adaptations in the Osteology of the Bank Swallow's Skull.*
- RICHARD L. ZUSI, U. S. National Museum, Washington, D. C., *Skull Structure and Adaptive Radiation in Penguins.*
- JOHN DAVIS, Hastings Reservation, University of California, Carmel Valley, California, *Size Variation in the Strickland's Woodpecker.*
- HARRISON B. TORDOFF, The University of Michigan, Ann Arbor, Michigan, *Inheritance and Ontogeny of Bill Crossing in Crossbills.*
- E. OTTO HÖHN, University of Alberta, Edmonton, Alberta, *Relative Adrenal Weight in Mallards and Domestic Ducks, and Other Observations on the Mallard Adrenal.—*
Read by title.

- JAY DYKSTRA, University of Arkansas, Fayetteville, Arkansas, *Eggs and Nestlings as Organizers in the Nesting Behavior of the Robin.*
- CHARLES HARTSHORNE, The University of Texas, Austin, Texas, *A Formula for Measuring Song Development.*
- GORDON W. GULLION, Forest Research Center, University of Minnesota, Cloquet, Minnesota, *Selection and Use of Specific Drumming Sites by Male Ruffed Grouse.*
- HELMUT C. MUELLER, University of Wisconsin, Madison, Wisconsin, *Effects of Handling on the Weights of Migrant Swainson's Thrushes.*

WEDNESDAY MORNING SESSION

- JOSEPH C. HOWELL, University of Tennessee, Knoxville, Tennessee, *Factors Associated with High and Low Relative Abundance in Eastern Tennessee Birds.*
- ALDEN H. MILLER, University of California, Berkeley, California, *The Influence of the Photoperiodism of Temperate Latitudes on the Reproductive Cycle of the Equatorial Sparrow Zonotrichia capensis.*
- THOMAS R. HOWELL, University of California, Los Angeles, California, *Avifauna of the Lowland Pine Savanna of Nicaragua.*
- BURT L. MONROE, JR., Louisiana State University, Baton Rouge, Louisiana, *Factors Affecting Bird Distribution in Honduras.*
- JAMES R. KING, Washington State University, Pullman, Washington, *A Reconsideration of the Photorefractory Period in the Regulation of Migratory Fat Deposition in the White-crowned Sparrow.*
- CARL W. HELMS, Bucknell University, Lewisburg, Pennsylvania, *Regional Seasonal Variation in Body Lipids of the Tree Sparrow, Spizella arborea.*
- DAVID W. JOHNSTON, University of Florida, Gainesville, Florida, *The Effects of a Minimum Caloric Diet on Zugunruhe, Weight, and Lipid Deposition in Light-stimulated White-throated Sparrows.*
- WARREN M. PULICH, University of Dallas, Dallas, Texas, *The Distribution and Population of the Golden-cheeked Warbler.*
- DANIEL D. BERGER, Cedar Grove Ornithological Station, Cedar Grove, Wisconsin, *The Status of Breeding Peregrines in the Eastern States and Maritime Provinces.*

WEDNESDAY AFTERNOON SESSION

- ROGER S. SHARPE, University of Nebraska, Lincoln, Nebraska, *A Review of the Courtship Display "At Attention" in Members of the Genus Anas.*
- STUART L. WARTER, Louisiana State University, Baton Rouge, Louisiana, *The Structure of the Nasal Capsule in the Tityras and Its Taxonomic Significance.*
- NICHOLAS E. COLLIAS and ELSIE C. COLLIAS, University of California, and Los Angeles County Museum, Los Angeles, California, *Jungle Fowl in India and Ceylon.*
- NICHOLAS E. COLLIAS, University of California, Los Angeles, California, *The Red Jungle Fowl in Thailand.*
- RALPH J. RAITT, New Mexico State University, University Park, New Mexico, *Species Limits in Psaltriparus.*
- FRANK C. BELLROSE, Illinois Natural History Survey, Havana, Illinois, *The Influence of Winds Aloft on the Direction Flown by Migrating Birds.*
- JON C. BARLOW, The University of Kansas, Lawrence, Kansas, *Morphological Stability of the North American Population of the European Tree Sparrow.*
- PETER L. AMES, Yale University, New Haven, Connecticut, and MARY E. HEIMENDINGER, Carnegie Museum, Pittsburgh, Pennsylvania, *On the Morphology and the Systematic Position of the Ant Pipits: Conopophaga and Corythopis.*

ROBERT P. BREITENBACH and THOMAS S. BASKETT, University of Missouri, Columbia, Missouri, *Oxygen Consumption and Body Temperature Changes of Nestling Mourning Doves Exposed to Selected Environmental Temperatures.*

SUSAN HENDERSON HUBBARD, The University of Michigan, Ann Arbor, Michigan, *Relation of Growth and Development to Temperature Regulation in Nestling Tree Swallows and Purple Martins.*

SOCIAL EVENTS

A dinner for the Fellows and Members of the Council was held on 30 August. On the evening of 31 August a reception was held for members and guests at the Crystal Room, Hotel Eldridge.

The Annual Banquet was held on the evening of 2 September in the Ballroom of the Kansas Union. It was followed by a motion picture on Australia by Alfred M. Bailey, entitled "Red Centre." President Rand acted as Toastmaster.

FIELD TRIPS

On Thursday, 3 September, a morning field trip was taken to The University of Kansas Natural History Reservation.

RESOLUTIONS

The following resolution was submitted by the Resolutions Committee (Eugene Eisenmann, *Chairman*; William W. H. Gunn; and Harold F. Mayfield) and approved at the General Session on 2 September 1964:

Whereas, The University of Kansas has graciously made available a stimulating, pleasant, and comfortable environment for the Eighty-second Stated Meeting of The American Ornithologists' Union, and

Whereas, the unstinting hospitality of the faculty and particularly, the Local Committee, has been enjoyed and appreciated by the members, their wives and families,

Therefore, Be it Resolved, that The American Ornithologists' Union expresses its deep gratitude to The University of Kansas and especially to the Local Committee under the able leadership of Dr. Richard F. Johnston.

OFFICERS AND OFFICIALS OF THE AMERICAN ORNITHOLOGISTS' UNION FOR 1964-65

	<i>Expiration of Term</i>
Dean Amadon, <i>President</i>	1965
Oliver L. Austin, Jr., <i>First Vice-President</i>	1965
Harold F. Mayfield, <i>Second Vice-President</i>	1965
L. Richard Mewaldt, <i>Secretary</i>	1965
Robert J. Newman, <i>Treasurer</i>	1965
Robert M. Mengel, <i>Editor of The Auk</i>	1965

ELECTIVE MEMBERS OF THE COUNCIL

John W. Aldrich	1965
Thomas R. Howell	1965
Charles G. Sibley	1965
Pierce Brodkorb	1966
John T. Emlen	1966
Joseph J. Hickey	1966
Kenneth C. Parkes	1967
Robert W. Storer	1967
Harrison B. Tordoff	1967
Burt L. Monroe, Sr., Wilson Ornithological Society Representative	1965
John Davis, Cooper Ornithological Society Representative	1965

Ex-Presidents

- Herbert Friedmann, 1937-39
- Hoyes Lloyd, 1945-48
- George H. Lowery, Jr., 1959-62
- Ernst Mayr, 1957-59
- Alden H. Miller, 1953-56
- Robert Cushman Murphy, 1948-50
- Austin L. Rand, 1962-64
- Alexander Wetmore, 1926-29

INVESTING TRUSTEES

Turner Biddle	1965
Cyrus Mark, <i>Chairman</i>	1965
Arlie W. Schorger	1965

A.O.U. COMMITTEES 1964-65

- COMMITTEE ON BIOGRAPHY: John W. Aldrich, *Chairman*. Hildegard Howard, Hoyes Lloyd, Phillips B. Street, Charles Vaurie.
- COMMITTEE ON BIRD PROTECTION: Victor H. Cahalane, *Chairman*. John W. Aldrich, Richard R. Graber, David A. Munro, George C. West.
- COMMITTEE ON THE BREWSTER MEMORIAL AWARD: Charles Sibley, *Chairman*. Donald S. Farner, Thomas R. Howell, Richard F. Johnston.
- COMMITTEE ON CLASSIFICATION AND NOMENCLATURE OF NORTH AMERICAN BIRDS: Alden H. Miller, *Chairman*. Dean Amadon, Emmet R. Blake, Eugene Eisenmann, Ned K. Johnson, George H. Lowery, Jr., Robert W. Storer, Harrison B. Tordoff.
- EDITORIAL COMMITTEE: Robert M. Mengel, *Chairman*. Walter J. Bock, William R. Dawson, Eugene Eisenmann, John T. Emlen, William J. Hamilton III, James R. King, Wesley E. Lanyon, Kenneth C. Parkes, Robert W. Storer.
- COMMITTEE ON ENDOWMENT: Melvin A. Traylor, *Chairman*. Dean Amadon, Betty Carnes, Cyrus Mark, Ellen Thorne Smith.
- COMMITTEE ON FINANCE: Robert J. Newman, *Chairman*. Hoyes Lloyd, Cyrus Mark, Harold Mayfield, Burt L. Monroe, Sr., Charles G. Sibley.
- COMMITTEE ON NOMINATION OF HONORARY AND CORRESPONDING FELLOWS: Philip S. Humphrey, *Chairman*. Roger T. Peterson, S. Dillon Ripley, Charles Vaurie.
- COMMITTEE ON NOMINATION OF FELLOWS AND ELECTIVE MEMBERS: Olin Sewall Pettingill, Jr., *Chairman*. Eugene Eisenmann, Raymond A. Paynter, Jr.

COMMITTEE ON NOMINATION OF MEMBERS: Burt L. Monroe, Jr., *Chairman*. Frederick M. Baumgartner, Robert M. Boggs, Winston Brockner, John L. Bull, Geoffrey Carleton, Howard L. Cogswell, David A. Cutler, Ruth P. Emery, James Fisher, Patrick J. Gould, Earle R. Greene, George A. Hall, Donald A. Kunkle, Lynn D. LaFave, Mary Louise Lupient, Marie L. Mans, Russell E. Mumford, Robert W. Nero, Peter C. Petersen, Thomas H. Rogers, Frederic R. Scott, Oliver K. Scott, Mary Smith, Alexander Sprunt IV, Henry M. Stevenson, Jerry Strickling, Fred S. Webster, James K. Woodford.

COMMITTEE ON PROGRAM: Wesley Lanyon, *Chairman*. Walter Bock, Eugene Eisenmann, L. Richard Mewaldt.

COMMITTEE ON PUBLICATIONS: Editor of *The Auk*, *Chairman*. President, Secretary, Treasurer, Editor of "Ten-year Index to *The Auk*" (L. R. Wolfe), Editor of *Handbook of North American birds*, Editor of *Ornithological Monographs*, Alexander Wetmore.

COMMITTEE ON RESEARCH: John T. Emlen, *Chairman*. Paul H. Baldwin, J. Bruce Falls, Charles Kendeigh, Wesley E. Lanyon, Allen W. Stokes.

COMMITTEE ON STUDENT AWARDS: James R. King, *Chairman*. William C. Dilger, Keith L. Dixon, David W. Johnston, George M. Sutton, Harrison B. Tordoff.

LOCAL COMMITTEE ON ARRANGEMENTS FOR THE EIGHTY-SECOND STATED MEETING: Milton B. Trautman, *Chairman*. Dr. and Mrs. Donald J. Borrer, Dr. and Mrs. Harold E. Burt, Dr. and Mrs. Maurice L. Giltz, Dr. Frank A. Hartman, Mr. and Mrs. Edward F. Hutchins, Dr. and Mrs. Francis W. Kessler, Mrs. Arthur S. Kiefer, Dr. and Mrs. Tony J. Peterle, Dr. and Mrs. Loren S. Putnam, Dr. and Mrs. Carl R. Reese, Dr. and Mrs. David H. Stansbery, Dr. and Mrs. Edward S. Thomas, Mr. and Mrs. Nelson P. Thomson, Dr. and Mrs. Milton B. Trautman, Mr. and Mrs. Walter A. Tucker, Mr. and Mrs. Dale E. Whitesell.

TREASURER'S REPORT

FOR THE PERIOD OF AUGUST 1, 1963, TO JULY 31, 1964

INCOME TO ACTIVE FUND

Dues	\$13,014.95
Subscriptions	2,768.23
Sale of back issues of <i>The Auk</i>	1,371.21
Royalties on microfilm of <i>The Auk</i>	47.68
Royalties on <i>Recent Studies</i>	19.28
Advertising	949.00
Donations for color plates in <i>The Auk</i>	1,617.92
Other donations to Active Publication Fund	812.50
Income from General Endowment Fund	4,497.65
Income from Ruthven Deane Fund	252.34
Income from Savings Accounts	1,322.19
Balance in Active Account 1963	1,520.98
TOTAL INCOME 1963-64	\$28,193.93

DISBURSEMENTS FROM ACTIVE FUND

Manufacture and distribution of <i>The Auk</i>	\$17,118.26
Reprints	14.70
Editor's expenses	864.25
Clerical assistance, Treasurer's office	2,368.55
Secretary's expenses	46.08
Mailing, purchase, and transfer of back issues, etc.	367.72
Stationery and office supplies	221.30
Telephone and telegraph	28.16
Cost of printing and mailing dues notices	396.69
Postage	261.91
Annual meetings	619.57
Bank charges	67.28
Membership Committee	68.36
Preparation of Membership List	54.37
Donation to Inter. Comm. on Zoological Nomenclature	25.00
Donation to Zoological Record	50.00
TOTAL DISBURSEMENTS 1963-64	\$22,572.20
BALANCE IN ACTIVE FUND 1964	\$ 5,621.73

SPECIAL FUNDS

Brewster Memorial Fund

Income from investments	\$ 408.94	
To Ralph S. Palmer		\$ 381.26
Cost of Medal		27.68
	\$ 408.94	\$ 408.94

Bird Protection Fund

Balance forward	\$ 55.97	
Cash contribution	5.00	
Income from investments	76.71	
International Council for Bird Preservation		\$ 50.00
International Union for Conservation of Nature		25.00
Balance in account		62.68
	<u>\$ 137.68</u>	<u>\$ 137.68</u>

Educational Fund

Balance forward (debit)		\$ 30.06
Donation from Mrs. Dayton Stoner	\$ 500.00	
Income from investments	209.22	
Membership for 44 students		220.00
To Investing Trustees		450.00
Balance in account		9.16
	<u>\$ 709.22</u>	<u>\$ 709.22</u>

General Endowment Fund

Balance forward	\$ 27.15	
Life Membership payments	5,247.50	
Donations	822.00	
Expenses of Endowment Committee		\$ 223.70
Tax on Bowdish bequest		933.70
To Investing Trustees		4,350.00
Balance in account		589.25
	<u>\$ 6,096.65</u>	<u>\$ 6,096.65</u>

Handbook of North American birds Fund

Balance forward	\$ 4,455.58	
Royalties on <i>Handbook</i>	1,479.75	
Russian translations		\$ 200.00
Balance in account		5,735.33
	<u>\$ 5,935.33</u>	<u>\$ 5,935.33</u>

Special Publication Fund

Balance forward	\$18,473.34	
Income from investments	422.25	
Liquidation of Endowment	4,800.00	
Sale of Congress Proceedings	1,259.72	
Sale of Check-lists	1,238.79	
Sale of other publications	308.00	
Printing of Congress Proceedings		\$22,655.85
Editorial expenses of Proceedings		3,313.08
Extra mailing costs of Proceedings		204.48
Editorial expenses of 10-year Index		43.78
Mailing of Check-lists (Port City Press)		53.11
Advertising		173.89
Balance in account		57.91
	<u>\$26,502.10</u>	<u>\$26,502.10</u>

Ornithological Monographs Fund

Balance forward	\$20,000.00	
Donation from Marcia B. Tucker	5,000.00	
Sale of Monographs	134.90	
Printing of Monograph no. 1		\$ 2,070.00
Engravings for Monograph no. 1		534.24
Engravings for Monograph no. 2		220.16
Editor's expenses		121.78
Advertising		20.00
Balance in account		22,168.72
	<u>\$25,134.90</u>	<u>\$25,134.90</u>

Marcia B. Tucker Fund

Donation	\$ 500.00	
1964 Awards		
Stuart L. Warter		\$ 150.00
Thomas C. Rambo		150.00
J. N. Dykstra		75.00
Gary D. Schnell		125.00
	<u>\$ 500.00</u>	<u>\$ 500.00</u>

Van Tyne Memorial Fund

Balance forward	\$ 775.28	
Income from investments	472.97	
1963 Awards		
Roger Evans		\$ 395.00
Dale Matheson		150.00
Joyce L. Wildenthal		30.00
1964 Awards		
James David Ligon		250.00
John D. Newman		150.00
Jack W. Kammeraad		100.00
Terrence M. Ingram		150.00
Balance in account		23.25
	<u>\$ 1,248.25</u>	<u>\$ 1,248.25</u>

CLOSING BALANCES

	<i>Debits</i>	<i>Credits</i>
Active Account		\$ 5,621.73
Bird Protection Fund		62.68
Educational Fund		9.16
General Endowment Fund		589.25
Handbook Fund		5,735.33
Special Publication Fund		57.91
Monographs Fund		22,168.72
Van Tyne Fund		23.25
TOTAL		<u>\$34,268.03</u>
Savings Account, Apollo Savings, Chicago, Illinois		\$25,000.00
Savings Account, City National Bank, Baton Rouge, Louisiana		5,000.00
Checking Account, City National Bank, Baton Rouge, Louisiana		4,268.03
		<u>\$34,268.03</u>

July 31, 1964

ROBERT J. NEWMAN, *Treasurer*