

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

GEORGE E. WATSON, SECRETARY

THE Ninety-second Stated Meeting of the American Ornithologists' Union was held 14–18 October 1974 at the University of Oklahoma, Norman, under the sponsorship of the university, the Oklahoma Ornithological Society, and the Cleveland County Bird Club. Business and technical sessions were held in the Oklahoma Center for Continuing Education at the university, and the social sessions were held there and in Holmberg Hall, the Oklahoma Memorial Union of the university, and at the Oklahoma City Zoo. Field trips were taken to various places about Norman and to two locations in the west central part of the state.

BUSINESS SESSIONS

The Council met in the morning and afternoon of 14 October and again in the afternoon of 16 October. The Fellows met in the late afternoon of 14 October and again in the late afternoon of 17 October. Fellows and Elective Members met in the evening of 14 October. A summary of the important actions at these meetings follows:

Future meetings.—The Ninety-third Stated Meeting will be held at the University of Manitoba, Winnipeg, Manitoba 25–29 August 1975. The Ninety-fourth Stated Meeting will be held at Haverford College, near Philadelphia, Pennsylvania, in August 1976 at the invitation of the Academy of Natural Sciences of Philadelphia and Haverford College. The Fellows and Elective Members accepted an invitation from the University of California, Berkeley, and the Museum of Vertebrate Zoology to hold the Ninety-fifth Stated Meeting at Berkeley, California, in late August or early September 1977. They also voted to accept an invitation from the American Museum of Natural History, the National Audubon Society, the New York Zoological Society, and the Linnaean Society of New York to hold the Centennial Meeting of the American Ornithologists' Union in New York City in 1983.

Election of officers.—At the meeting of Fellows and Elective Members, Donald S. Farner was reelected President; Charles G. Sibley was advanced to First Vice-President; Wesley E. Lanyon was elected Second Vice-President; George E. Watson was reelected Secretary; John A. Wiens was reelected Treasurer; Frances C. James, Burt L. Monroe, Jr., and Kenneth C. Parkes were elected to three-year terms on the Council.

Awards.—The William Brewster Memorial Award was made to James R. King for his physiological studies on *Zonotrichia* finches. The Elliott Coues Award was presented posthumously to Robert H. MacArthur for his theoretical studies of avian ecology and biogeography.



JAMES R. KING

The Brewster Award for 1974 was presented to James R. King, Professor of Zoophysiology, Washington State University, in recognition of his physiological studies of Western Hemisphere birds that have contributed substantially to our knowledge of annual cycles and energetics of birds in general. His skillful integrations of field and laboratory investigations of *Zonotrichia* finches, from Alaska to Patagonia, have provided fundamental insights into the interplay of endogenous cycles and environmental periodicities in the expression of annual cycles in molt, migration, and reproduction. He has integrated well the results of these investigations into the conceptual framework of contemporary evolutionary biology.

In addition Dr. King has long been an astute student of avian energetics. In his original investigations on *Zonotrichia* and in several synthetic articles he has provided quantum increases to the scientific rigor of this field by skillful application of his knowledge of physics, biochemistry, and physical chemistry. Collaborative investigations with others on the endocrine aspects of energetics and annual cycles have profited from his knowledge of these fields.

He has contributed significantly to a rationalization of avian life cycles in terms of availability and procurement of energy and the partition of its use among the major events of the annual cycle of birds.

Above all, and regardless of the field of ornithological investigation involved, Dr. King has brought into ornithology a mastery of the art of identification of significant questions, of design of decisive experiments, and of the testing of experimentally derived hypotheses in the real world of nature.



ROBERT H. MACARTHUR (1930-1972)

The Elliott Coues Award for 1974 was presented posthumously to Robert H. MacArthur for his theoretical studies of avian ecology and biogeography. A mature science is one in which most field and laboratory experiments are designed to test some hypothesis rather than just random forays into nature. The struggle toward maturity has been long and difficult in the field-oriented disciplines and at times it has taken sharp vision to discern real progress toward that goal, but during the past two decades ornithology and ecology have been striding vigorously toward maturity.

No person has contributed more to this theoretical revitalizing than the late Robert H. MacArthur. Attracted back to his boyhood interest in birds by a desire to use his mathematical skills, MacArthur applied his insights to a remarkable variety of problem areas involving ecology and biogeography, all of which today bear the indelible imprint of his penetrating mind. The rapid pace of his intellectual activity did not lend itself to long-term, detailed field studies, but he constantly kept pace with reality by gathering field data on bird community structure in tropical and temperate mainland and island habitats. His ideas quickly attracted the attention of a new generation of avian ecologists who have undertaken some of the more detailed studies MacArthur's busy schedule prevented him from carrying out.

If reality is defined by the kinds of questions we ask of nature, Robert MacArthur forged a new concept of reality. We all see avian community structure through different eyes than we did before, and his new precepts have been influential even in such distant fields as economics. His productivity was terminated at the peak of a tragically short professional life. It is our challenge to continue what he started so imaginatively and would have continued in the years that should have been his.

The Committee on Student Awards announced that Marcia Brady Tucker Travel Awards in support of travel to the A.O.U. meeting in Norman were made to Edward H. Burt, Jr., University of Wisconsin, Madison, Wisconsin; and William Shields, Ohio State University, Columbus, Ohio. One-year memberships in the A.O.U. were awarded to 36 students (27 graduate students, 6 seniors, 2 juniors, and 1 sophomore) enrolled in 32 institutions in 23 states and 1 Canadian province.

The Committee on Research made Josslyn Van Tyne Research Awards to three persons, as follows: Marie A. Crock, Department of Biology, University of Pittsburgh, Pittsburgh, Pennsylvania, Ecological relationships of two sibling species of chickadees (*Parus carolinensis* and *P. atricapillus*), \$600; David E. Joyner, Department of Zoology, University of Nebraska, Lincoln, Nebraska, Nest parasitism and brood behavior of the Ruddy Duck (*Oxyura jamaicensis*), \$150; and Mike Mossman, Department of Zoology, University of Wisconsin, Madison, Wisconsin, Spread-wing posturing and social structure of the Turkey Vulture (*Cathartes aura*), \$150.

Membership.—The Treasurer's report on membership showed that at the end of July 1974, there were 3413 members, an increase of 196 from a year ago. Numbers in various classes were:

Members	2998
Elective Members	239
Fellows	90
Corresponding Fellows	67
Honorary Fellows	19

Total membership includes 1 Benefactor (+3 deceased), 15 Patrons (+21 deceased), 419 Life Members, 82 Life Elective Members, and 45 Life Fellows; 31 members resigned during the year, and 223 were suspended.

During the year between meetings the officers learned of the deaths of 9 Members, 5 Elective Members, 2 Fellows, 2 Fellows and Patrons, 1 Corresponding Fellow, and 1 Honorary Fellow:

Clarence Cottam, Fellow
 C. Blair Coursen, Member
 Allan D. Cruickshank, Elective Member
 Eleanor Dater, Member
 S. Gilbert Emilio, Elective Member
 Albert F. Ganier, Elective Member
 John M. Gates, Member
 Jean S. Gregory, Member
 Paul H. Hannum, Life Member
 George E. Hudson, Fellow
 Hans Johansen, Corresponding Fellow
 Francis H. Kortright, Life Elective Member
 Amelia R. Laskey, Fellow and Patron
 Harrison F. Lewis, Life Member
 Herbert H. Mills, Life Member
 J. F. Montague, Member

Margaret Morse Nice, Life Fellow and Patron
 Robert J. Niedrach, Elective Member
 Günther Niethammer, Honorary Fellow
 W. Walden Rubey, Member

In the meetings of 14 October, the following persons were elected to special classes of membership:

PATRON	Milton W. Weller
Amelia R. Laskey (deceased)	Francis S. L. Williamson
HONORARY FELLOW	Edwin O. Willis
Boris C. Stegmann (U.S.S.R.)	ELECTIVE MEMBERS
CORRESPONDING FELLOW	David G. Ainley
Edvard K. Barth (Norway)	Kathleen S. Anderson
Boonsong Lekagul (Thailand)	William A. Calder
Richard Liversidge (South Africa)	Alex Dzubin
Stephen Marchant (Australia)	James H. Enderson
Ian Newton (U.K.)	Jerome A. Jackson
Christopher M. Perrins (U.K.)	James R. Karr
FELLOW	Cameron B. Kepler
Charles H. Blake	Richard E. MacMillen
Richard T. Holmes	William J. Maher
David W. Johnston	David B. Marshall
Lawrence Kilham	Eugene S. Morton
Peter R. Marler	John C. Ogden
M. Brooke Meanley	Robert Raikow
Helmut C. Mueller	Robert J. Robel
Gordon H. Orians	Gary D. Schnell
Robert B. Payne	Paul A. Stewart
William J. L. Sladen	Robert B. Weeden
Robert E. Stewart	John S. Weske
Miklos D. F. Udvardy	Mary F. Willson
George E. Watson	Fred C. Zwickel

Finances.—The Investing Trustees, chaired by Cyrus Mark, reported that because of the general sharp decline in the stock market, the value of the Merged Assets Account as of 31 July 1974 was \$252,202.24, a decrease of approximately \$82,000 or 24% since last year's report. This value represents approximately the cost of the securities and includes a capital addition of \$11,000 to the general Endowment Fund during the year. Net income was \$12,150.17, an increase of \$997.90 over the previous year.

The Council reelected Cyrus Mark, Chairman, Melvin A. Traylor, Jr., and James R. Ware as Investing Trustees.

The report of the retiring Treasurer Burt L. Monroe, Jr., for fiscal 1974 appears in full at the conclusion of these proceedings.

Editorial matters.—Oliver L. Austin, Jr., Editor of *The Auk*, reported that Volume 91 (1974) contains a total of 979 pages. In late September he had 182 unpublished manuscripts in various editorial stages (29 more than a year ago). The Editor also reported a sharp rise in costs to \$50.30 per page for producing *The Auk* and noted the reduced size of the July issue to stay near

the budget. The Council authorized the Editor to assess charges on papers over 16 pages and raised the cost of a subscription to the Auk from \$15 to \$20. The President will appoint committees to consider the fiscal basis of The Auk and the possible consolidation of U.S. ornithological journals.

Oliver L. Austin, Jr., was reelected Editor of The Auk; the Periodical Literature and Book Review sections and Index will continue under Associate Editors Herbert W. Kale II, Walter Bock, and James J. Dinsmore respectively.

J. W. Hardy, Editor of Ornithological Monographs, reported that one Monograph was published during the year and two others should appear by early 1975. Seven other manuscripts are being revised by authors or are out for review. The prices of Monographs are still unrealistically low in view of rising printing costs. The Treasurer and his assistant will raise retail prices of present stocks and future Monographs but will continue members' and bookdealers' discounts.

Eugene Eisenmann, Chairman, reported that the A.O.U. Check-list Committee planned publishing the sixth edition in 1983, the A.O.U. Centennial. The committee will publish a new supplement soon dealing with the sequences of orders and families and the species of shorebirds. The Council authorized the Check-list Committee to seek outside funding for its work.

Glen E. Woolfenden, Assistant to the Treasurer, reported that stocks of the second printing of the fifth edition of the Check-list and the thirty-second Supplement were exhausted. Sales have increased, especially in response to popular press reports about changes in common names of some widespread species. The Council authorized reprinting 1000 copies of each publication.

Ralph S. Palmer, Editor of the Handbook of North American Birds, reported that 2151 manuscript pages, 104 text figures, and 8 color plate originals for the two waterfowl volumes had been delivered to the Yale University Press in March 1974. The editor will resign after these volumes are published and the Council discussed candidates for replacing him and the possible changes in format for succeeding volumes.

Research and collection matters.—John W. Aldrich, Chairman of the *ad hoc* Committee on Scientific and Educational Use of Wild Birds (see charge to the committee, 1974, Auk 91: 817) gave the Council a preliminary report. When completed and accepted by the Council the report will be published in The Auk.

The Council considered the charges brought by the Department of the Interior under the Lacey Act against Charles G. Sibley in connection with importing egg-white specimens and adopted the following position statement:

Council has examined and discussed the "Notice of Violation" of Section 43 (a) (2) of Title 18, U.S. Code (the "Lacey Act"), served on Dr. Charles G. Sibley, a member and officer of the American Ornithologists' Union, on 20 May 1974, by the Director of the Bureau of Sports Fisheries and Wildlife. It has noted that Dr. Sibley on the same day accepted the proposed civil penalty of \$3000 and paid that amount forthwith by check. The Council does note, however, that the Notice of Violation contains some errors and unwarranted charges. The Council is also familiar with accounts of these charges that appeared in the popular press and notes that, in some cases, these contain serious exaggerations and distortions.

The Council of the American Ornithologists' Union does not condone, in any sense whatsoever, such violation by any member of the Union. It is the further view of the Council that the law has now taken its due course in this particular case.

Other Council matters.—The Council authorized the officers to apply for affiliate membership in the American Institute of Biological Sciences. The Council also authorized the Treasurer to send a contribution of \$200 to the National Association of Biology Teachers Fund for Freedom in Science Teaching. The NABT is challenging a new Tennessee law that requires high school biology texts to include the Biblical account of the origin of life.

Amendments to the Bylaws.—The Fellows voted final approval to two changes in the Bylaws that received preliminary approval a year ago. These changes (1) increase the number of Honorary Fellows from 20 to 30 and (2) establish a family membership. The Bylaws as published in full in *The Auk* 1972, 89: 171-174, are amended as follows:

Article I, Section 2. Change "20" to "30."

Article V. Add the following as a new Section: "If both husband and wife are Members of the Union and wish to receive only one copy of each issue of *The Auk*, they may request a family membership, which will carry a rate of annual assessment to be set by the Council."

The Fellows gave preliminary approval to five newly proposed amendments to the Bylaws that would have the following major effects: (1) establish the office of President-elect and set the terms of office of President and President-elect, (2) remove the requirement that the Treasurer be an Elective Member, (3) alter the procedures for amending the Bylaws so that changes need not be made in haste, (4) establish criteria for enrollment in special classes of membership, (5) add the Editor of Ornithological Monographs to the Council. The specific amendments are as follows:

(1) President-elect

Article II, Section 1. For present first sentence, substitute: "The officers of the Union shall be a President, a President-elect, a Vice-President, a Secretary, a Treasurer, and nine Elective Councilors."

Article II, Section 2. For present second sentence, substitute: "In case of the President's absence or inability to act, the President-elect—or, if the latter is unavailable the Vice-President—shall discharge the duties of the President."

Article IV. Replace present Sections 1-3 with the following new or reworded Sections 1-7.

"Section 1. The President-elect, the Vice-President, the Secretary, the Treasurer, and three Elective Councilors shall be elected by vote of the Fellows and Elective Members assembled at Stated Meetings. All elections shall be by ballot except that with unanimous consent the reelection of a Secretary or a Treasurer may be made by open vote.

"Section 2. Each Fellow and Elective Member shall be invited in advance of the Stated Meeting at which an election is to be held, to nominate, in writing to the Secretary, one person for President-elect, one person for Vice-President,

and three persons for Elective Councilors. These nominations shall be presented at the Stated Meeting of Fellows and Elective Members. Additional nominations may be made from the floor. For each office, Fellows and Elective Members may vote for as many candidates as there are positions to be filled. Those candidates who receive the votes of a majority of the Fellows and Elective Members voting shall be declared elected, unless the number of persons receiving such a majority exceeds the number of vacancies to be filled. In that event, only the candidates receiving the highest majorities up to the number still eligible for election shall be declared elected. Additional ballots may be taken as necessary until all positions are filled.

“Section 3. A President-elect shall be elected every two years. The term of the President-elect shall begin at the close of the Stated Meeting at which he is elected and end at the close of the second Stated Meeting thereafter. After completion of this term of office, the President-elect automatically becomes President for a similar two-year term. In the case of the death or incapacitation of the President, the President-elect shall automatically become President until the close of the next Stated Meeting and shall then serve a full term as President. A new President-elect shall be elected at the first Stated Meeting following any such succession of the President-elect to President. If, after the normal term of office, a President-elect declines to succeed to the office of President, a President shall be elected from the nominees for the office of President-elect presented at that Stated Meeting.

“Section 4. The Vice-President shall be elected annually and may not succeed himself. The term of office shall begin at the close of the Stated Meeting at which election takes place and end at the close of the next Stated Meeting.

“Section 5. The Secretary and the Treasurer shall be elected annually. Nominations for these officers shall be made from the floor with consent of the nominee. Formal elective ballots shall be taken, and the candidate receiving a majority of the ballots cast shall be declared elected. If no candidate receives a majority on the first ballot, additional ballots shall be taken until the offices are filled.

“The term of office of the Secretary shall begin at the end of the Stated Meeting at which election takes place and shall continue to the close of the next Stated Meeting. Unless otherwise arranged by Council, the Treasurer shall assume office at the beginning of the fiscal year following election and shall serve until the close of that fiscal year.

“Section 6. Three Elective Councilors shall be elected annually by vote of the Fellows and Elective Members assembled at each Stated Meeting. The Elective Councilors shall serve for terms of approximately three years, beginning at the close of the Stated Meeting at which they are elected and ending at the close of the third Stated Meeting thereafter. If an additional vacancy arises, a fourth Elective Councilor shall be elected to fill the unexpired term.

“Section 7. The Editor of *The Auk*, the Editor of *Ornithological Monographs*, and the Investing Trustees shall be elected annually by the Council. Their terms of office shall begin at the close of the Stated Meeting at which election

takes place and shall continue until the close of the next Stated Meeting.”

Article IV. Section 4 through 12. Renumber as Sections 8 through 16.

Section 9 (renumber as 13). For “Vice-Presidents” substitute “President-elect.”

Section 10 (renumber as 14). In first sentence, insert, “President-elect,” after word “President.”

(2) Status of Treasurer

Article IV, present Section 10 (renumbered as 14 above). In second sentence, delete “Treasurer,”; remove this section from Article IV and insert it as Section 6 in Article II; adjust numbers of Sections 11 and 12 (renumbered as 15 and 16 above) of Article IV.

(3) Amending Bylaws

Article VIII. Replace the present Article with the following: “Proposed additions and amendments to the Bylaws must be submitted to the Secretary in writing, signed by two Fellows, at least ninety days prior to a Stated Meeting. The Secretary will notify Fellows of the proposals at least two weeks in advance of the Stated Meeting at which they are to be considered. Proposed amendments shall be read at a session of the Fellows in a Stated Meeting of the Union and if accepted in principle shall be referred to the Council for consideration. The Council shall report any recommended action to the Fellows at the same Stated Meeting, and the proposal and recommendations shall then be considered by the Fellows. Any proposal approved for adoption by a majority of the Fellows in attendance shall be published in *The Auk* in the Proceedings of the Union and shall be voted upon by the Fellows at the next Stated Meeting unless further amended, in which case it shall be republished and voted upon at the next Stated Meeting. A proposal receiving two-thirds of the votes cast at this time shall be declared adopted and shall become effective at the close of the Stated Meeting at which adopted unless otherwise stipulated by the Fellows.

“Absent Fellows may send their votes on pending changes in the Bylaws to the Secretary in writing, and such votes shall be counted as if the Fellow were present, unless the proposal has been amended.”

(4) Enrollment in Special Classes of Membership

Article II, Section 7. For the present section substitute: “Fellows-elect and Elective Members-elect shall be enrolled in the stated class upon notifying the Secretary of acceptance, provided such acceptance is received within six months after election.”

(5) Editor of Ornithological Monographs on Council

Article II, Section 1. In second sentence between the words, “Editor of ‘*The Auk*’” and “the Ex-Presidents,” insert, “the Editor of Ornithological Monographs.”

Two other proposed amendments were considered and rejected by the Fellows. These would have (1) provided for a change of membership class for Honorary or Corresponding Fellows on a change of residence, and (2) clarified

the status of Honorary and Corresponding Fellows at Stated Meetings of the Union.

ATTENDANCE

Registration at the meeting totaled 326 people, from 7 provinces of Canada, 41 states and the District of Columbia of the U.S.A., Brazil, Chile, Mexico, Netherlands, Poland, and Yugoslavia. Attendance was as follows:

BRAZIL: Jose Hidasi.

CANADA: Jon C. Barlow, F. Cooke, James A. Dick, Tony Erskine, Robert Ferguson, W. Gunn, O. Höhn, Mr. and Mrs. C. Stuart Houston, David Houston, Donald Houston, David J. T. Hussell, Richard W. Knapton, Ross M. Lein, Roderick W. MacCharles, Stewart D. MacDonald, Charles D. MacInnes, Reid McManus, D. N. Nettleship, Mary O'Rourke, John W. Richardson, Dr. and Mrs. Douglas B. O. Savile, Spencer G. Sealy, L. James Shapiro, Gerald F. Shields, Philip S. Taylor, Keith S. Yonge.

CHILE: Mr. and Mrs. Alfred W. Johnson.

MEXICO: Dr. and Mrs. Allan R. Phillips.

NETHERLANDS: R. H. Drent.

POLAND: Jan Pinowski.

YUGOSLAVIA: Vojislav Jovanovic.

UNITED STATES—*Alaska:* Brina Kessel, George C. West. *Arizona:* William A. Calder, Betty Carnes, Kathleen E. Franzreb, Stephen M. Russell, Dr. and Mrs. Walter R. Spofford. *Arkansas:* Carl R. Amason, Henry N. Halberg, Alan F. Posey, Kimberly Smith, Richard A. Thomas. *California:* Bertin W. Anderson, Laurence Binford, Gerald Collier, Michael Evans, Thomas R. Howell. *Colorado:* Carl E. Bock, Winston W. Brockner, Alexander Cruz, Dr. and Mrs. Sidney A. Hyde, James Tate, Jr., Richard Tinker, Barbara L. Winternitz. *Connecticut:* Dr. and Mrs. Charles G. Sibley. *Delaware:* Roland R. Roth. *District of Columbia:* Richard C. Banks, Frank B. Gill, Frances C. James, A. Durand Jones, Marshall A. Howe, Thomas E. Lovejoy, David Marshall, Eugene S. Morton, George E. Watson, Richard L. Zusi.

Florida: Dr. and Mrs. Oliver L. Austin, Jr., W. Wilson Baker, Vincent Brach, J. W. Hardy, Herbert W. Kale II, Mr. and Mrs. James Kushlan, Fred E. Lohrer, John C. Ogden, Oscar T. Owre, William B. Robertson, Jr., Dr. and Mrs. Ralph W. Schreiber, Paul W. Sykes, Jr., Glen E. Woolfenden. *Georgia:* Carl W. Helms, Enos O. Mellinger. *Illinois:* Carl Becker, Emmet R. Blake, Lynn Braband, Francesca J. Cuthbert, Martin George, G. William George, Jim Hampson, Stephen R. Patton, Walter R. Quanstrom, William E. Southern. *Indiana:* William H. Buskirk, James B. Cope, James R. Karr, Carl A. Strang.

Iowa: Kenneth F. Abraham, Richard D. Crawford. *Kansas:* Daniel E. Bowen, Timothy K. Broschat, Calvin L. Cink, Stephen Fretwell, Richard Johnston, Peter E. Lowther, Dr. and Mrs. Robert M. Mengel, Henry W. Pelzl. *Kentucky:* Pierre N. Allaire, Burt L. Monroe, Jr. *Louisiana:* James G. Dickson, Horace H. Jeter, Dr. and Mrs. George H. Lowery, Jr., Dr. and Mrs. Robert J. Newman, Robert E. Noble, John P. O'Neill, James B. Ortega, Douglas H. Pratt. *Maine:* Olin S. Pettingill, Jr. *Maryland:* Robert M. Chipley, Thomas W. Custer, Mr. and Mrs. Erwin E. Klaas. *Massachusetts:* Richard M. DeGraaf, C. R. Schmid.

Michigan: Mr. and Mrs. Donald L. Beaver, Henry Howe, Mr. and Mrs. William L. Foster, Eldon Greij, John L. Hoogland, Robert Payne, Robert W. Storer, Gus Van Vliet, George J. Wallace, Marina Wong. *Minnesota:* Kenneth O. Butts, Kendall W. Corbin, Scott R. Derrickson, Mark Fuller, Michael J. Hamas, P. B. Hofslund, David B. Lank, Judy McIntyre, Frank McKinney, Douglas J. F. Mock, Violet Nagle, Mr.

and Mrs. Timothy Nowicki, Harrison B. Tordoff, Pauline Wershofen, Joseph M. Wunderle. *Mississippi*: Marian L. Branch, John A. Colotta, Jerome A. Jackson, David F. Werschkul.

Missouri: Ted R. Anderson, Kay Drobney, Leigh H. Fredrickson, William R. Goodge, James A. Mulligan, Judith M. Southern. *Montana*: Donald A. Jenni. *Nebraska*: William A. deGraw, Roger S. Sharpe. *New Hampshire*: Richard T. Holmes. *New Jersey*: Joanna Burger, Donald Caccamise, Caldwell Hahn, Bertram G. Murray, Jr., Mr. and Mrs. Charles Schaugency. *New Mexico*: John Hubbard, J. David Ligon, Ralph Raitt. *New York*: Kenneth P. Able, Dean Amadon, Robert S. Arbib, Jonathan Bart, Cathie A. Baumgartner, Natalie Demong, Robert W. Dickerman, Eugene Eisenmann, Stephen T. Emlen, Michael Gochfeld, James Gullledge, Douglas A. Lancaster, Michael Kern, Don Kroodsma, Roger Pasquier, Polly Plaza, Roy Slack, Sam E. Weeks, Julia M. Wentworth, John R. Wiessinger, Larry L. Wolf.

North Carolina: Dale M. Arvey, Charles H. Blake, Alan Feduccia, Walter Graul, Robert C. Kull, Helmut C. Mueller, James F. Parnell, Robert F. Soots. *North Dakota*: Michael L. Avery, Charles Black, J. Frank Cassel, Thomas J. Dwyer, Lewis W. Oring. *Ohio*: Mrs. Robert Booth, Richard D. Brown, Dr. and Mrs. Robert D. Burns, Richard A. Dolbeer, Mr. and Mrs. Stephen H. Hinshaw, Mr. and Mrs. Harold F. Mayfield, Elizabeth Mallory, Bruce E. McLean, F. Scott Orcutt, Jr., James W. Parker, William M. Shields, Mr. and Mrs. Arthur J. Wiseman.

Oklahoma: Helen J. Ardrey, Liz Bergey, Patricia Bergey, Margaret R. Brenholtz, Charles C. Carpenter, William Carter, Mrs. Ella L. D. Dewey, Everett M. Grigsby, Joseph A. Grzybowski, Mr. and Mrs. Richard M. Gunn, Mary A. Johns, Warren D. Harden, Troy L. Hatfield, Jenna J. Hellack, Victor J. Heller, Wesley S. Isaacs, James C. Lewis, T. Robert Lynn, Janet M. McGee, Mary L. McIntyre, Sophia C. Mery, Mr. and Mrs. John F. Messerly, Mr. and Mrs. Paige E. Mulhollan, John G. Newell, Marion B. Norman, Mrs. J. W. Peters, Grace E. Ray, Ruby E. Ray, Gary D. Schnell, John S. Shackford, John Shelling, George Sutton, Mr. and Mrs. John Tomer, Jack Tyler, Bedford M. Vestal, David Wiggins, Mr. and Mrs. D. Scott Wood.

Oregon: Dr. and Mrs. John A. Wiens. *Pennsylvania*: Dr. and Mrs. Richard Clark, Mary H. Clench, Marie A. Crock, Patrick J. Gould, Scott S. Moorhouse, Kenneth C. Parkes, Robert J. Raikow, C. John Ralph. *South Carolina*: E. B. Chamberlain, W. D. Chamberlain, Jr., Dennis M. Forsythe, Sidney A. Gauthreaux. *Tennessee*: Mr. and Mrs. Thomas J. Bowman, Mr. and Mrs. Ben B. Coffey, William Morris. *Texas*: Eric G. Bolen, Brian R. Chapman, Mr. and Mrs. John L. Darling, David O. Dillon, Ethel P. Hanis, William V. Mealy, Ralph R. Moldenhauer, Robert L. Neill, Joseph B. Plaza, Warren Pulich, Dr. and Mrs. John Rappole, Kenneth D. Seyffert, Joe C. Truett.

Utah: William A. Burnham, Keith L. Dixon, Clayton M. White, Robert C. Whitmore. *Virginia*: Curtis S. Adkisson, John W. Aldrich, Mitchell Byrd, Chris Stinson. *Washington*: Dr. and Mrs. Donald S. Farner, Ellen D. Ketterson. *Wisconsin*: Edward H. Burt, Mr. and Mrs. William J. Neidermyer, Dennis Sustare, Charles M. Weise.

PUBLIC SESSIONS

General sessions and paper sessions were held in the Forum Room and Conference Room B of the Oklahoma Center for Continuing Education. Tuesday morning, Paul F. Sharp, President of the University of Oklahoma, welcomed the A.O.U. to Norman and President Donald S. Farner responded for the Union. Secretary George E. Watson summarized the business sessions of the

previous day. Gary D. Schnell, Chairman of the Local Committee on Arrangements, made several general announcements. After a short intermission, the following papers were presented in concurrent sessions:

TUESDAY MORNING PAPERS SESSIONS

CONCURRENT SESSION A

Coevolved adaptations of South American meadowlarks and the Shiny Cowbird. MICHAEL GOCHFELD, Environmental Health Science, Columbia University Medical Center, and Department of Ornithology, American Museum of Natural History, New York, New York.

Spatial and temporal aspects of egg and nestling mortality in the Red-winged Blackbird. DONALD CAGGAMISE, Department of Entomology and Economic Zoology, Rutgers the State University, New Brunswick, New Jersey.

Erratic populations and Allee's Principle: application to the Dickcissel. STEPHEN FRETWELL, Bird Populations Institute, Division of Biology, Kansas State University, Manhattan, Kansas.

Effects of superabundant food supply on reproductive parameters of sparrows, Passer spp. TED R. ANDERSON, Division of Science and Mathematics, McKendree College, Lebanon, Illinois.

Relation of breeding success to clutch-size in the Eastern Bluebird. J. BART and D. B. PEAKALL, Laboratory of Ornithology, Cornell University, Ithaca, New York.

Some factors affecting clutch size in the American Coot. RICHARD D. CRAWFORD, Department of Zoology and Entomology, Iowa State University, Ames, Iowa.

The use of available time in the postjuvencal molt of Cardinals. ARTHUR J. WISEMAN, Museum of Natural History, Cincinnati, Ohio.

CONCURRENT SESSION B

Song and asynchronous duetting in the Yellow-tailed Oriole, Icterus mesomelas. JOHN WILLIAM HARDY, Florida State Museum, University of Florida, Gainesville, Florida.

Variability versus stereotypy in the vocal system of the polyandrous Northern Jacana, Jacana spinosa. DONALD A. JENNI and ROGER D. GAMES, Department of Zoology, University of Montana, Missoula, Montana.

A comparative study of songs in Seiurus warblers. RICHARD D. BROWN, Department of Zoology, College of Biological Sciences, The Ohio State University, Columbus, Ohio.

Species recognition of song in the Yellowthroat. JOSEPH M. WUNDERLE, JR., Bell Museum of Natural History, University of Minnesota, Minneapolis, Minnesota.

Individual recognition between parent and young Ring-billed Gulls, Larus delawarensis. FRANCESCA J. CUTHBERT, Department of Biological Sciences, Northern Illinois University, DeKalb, Illinois.

Seasonal and daily activity rhythms in breeding Laughing Gulls, Larus atricilla. JOANNA BURGER, Department of Biology, Livingston College, Rutgers University, New Brunswick, New Jersey.

Imprinting: ornithological fact or psychological artifact? L. JAMES SHAPIRO and GARY GREENBERG, Avian Behavior Laboratory, Department of Psychology, University of Manitoba, Winnipeg, Manitoba.

TUESDAY AFTERNOON PAPERS SESSIONS

CONCURRENT SESSION A

Florida Scrub Jay helpers. GLEN E. WOLFFENDEN, Department of Biology, University of South Florida, Tampa, Florida.

Sequential polyandry in the Spotted Sandpiper and its similarity to some polygynous mating systems. CHARLES BLACK and LEWIS ORING, Department of Biology, University of North Dakota, Grand Forks, North Dakota.

Temporal spacing of nesting by Red-winged Blackbirds and its influence on breeding sex ratios. RICHARD A. DOLBEER, Patuxent Wildlife Research Center, Ohio Field Station, Sandusky, Ohio.

Advantages and disadvantages of Bank Swallow coloniality. J. L. HOOGLAND and P. W. SHERMAN, Department of Zoology, University of Michigan, Ann Arbor, Michigan.

Adaptive significance of synchronized breeding in the Bank Swallow. STEPHEN T. EMLEN and NATALIE J. DEMONG, Langmuir Laboratory, Department of Neurobiology and Behavior, Cornell University, Ithaca, New York.

Nature and frequency of aggressive interactions among wintering juncos. ELLEN KETTERSON, Department of Zoology, Indiana University, Bloomington, Indiana.

Eco-ethology of the Boat-billed Heron. DOUGLAS W. MOCK, Bell Museum of Natural History, University of Minnesota, Minneapolis, Minnesota.

Habitat preferences and breeding status of the Mountain Plover. WALTER D. GRAUL and LOIS E. WESTER, Department of Biology, University of North Carolina, Charlotte, North Carolina.

Nest site selection in a prairie community. DANIEL E. BOWEN, Bird Populations Institute, Division of Biology, Kansas State University, Manhattan, Kansas.

Nest site selection by the Common Loon. JUDITH W. MCINTYRE, Department of Zoology, University of Minnesota, Minneapolis, Minnesota.

CONCURRENT SESSION B

Prey capture by the Brown Pelican. RALPH W. SCHREIBER, Seabird Research, Inc., Tampa, Florida.

The functional significance of the pecten oculi of the domestic fowl. VINCENT BRACH, Department of Biology, University of Miami, Coral Gables, Florida.

Anatomy of the South African Ground Woodpecker, Geocolaptes olivaceus. WILLIAM R. GOODE, Department of Anatomy, University of Missouri, Columbia School of Medicine, Columbia, Missouri.

Pituitary prolactin in Spotted Tinamou and female Black-headed Ducks. E. OTTO HÖHN and BRIAN B. McKEOWN, Department of Physiology, University of Alberta, Edmonton, Alberta.

The Rufous Hummingbird: smallest body size at high latitudes (53 to 60 degrees N). W. A. CALDER, Department of Biological Sciences, University of Arizona, Tucson, Arizona.

Insulative properties of selected birds' nests. MICHAEL D. KERN and CHRISTOPHER BEGLEY, Department of Biological Sciences, Fordham University, Bronx, New York.

The ontogeny of temperature regulation in the Belted Kingfisher, Megasceryle alcyon. MICHAEL J. HAMAS, Department of Zoology, University of Minnesota, Minneapolis, Minnesota.

Energy allocation of nestling Double-crested Cormorants. ERICA H. DUNN, Fort Rowan, Ontario.

Leg coloration and warbler behavior. EDWARD H. BURTT, JR., Department of Zoology, Birge Hall, University of Wisconsin, Madison, Wisconsin.

WEDNESDAY MORNING PAPERS SESSION

Symposium

on

Avian Adaptations to the Arctic

Arranged by Brina Kessel and George C. West

Introduction. BRINA KESSEL, University Museum, University of Alaska, Fairbanks, Alaska.

Behavioral adaptations and related bioenergetics in breeding Lapland Longspurs near Barrow, Alaska. THOMAS W. CUSTER and FRANK A. PITELKA, Patuxent Wildlife Research Center, Laurel, Maryland, and Museum of Vertebrate Zoology, University of California, Berkeley, California.

Influence of snow on egg-laying in auklets. SPENCER G. SEALY, Department of Zoology, University of Manitoba, Winnipeg, Manitoba.

Reproductive stratagems of two sympatric shorebirds, the Ruddy Turnstone and the Knot, at 82°N Latitude. DAVID N. NETTLESHIP, Canadian Wildlife Service, Ottawa, Ontario.

The food and feeding strategy of territorial Long-tailed Jaegers. PHILIP S. TAYLOR, Canadian Wildlife Service, Ottawa, Ontario.

Arctic adaptations in the nesting of geese. CHARLES D. MACINNIS, JOHN H. HARWOOD, BERNARD C. LIEFF, and C. D. ANKNEY, Department of Zoology, University of Western Ontario, London, Ontario and Ministry of Natural Resources, Maple, Ontario.

Genetic plasticity in Snow Geese. FRED COOKE, Department of Biology, Queen's University, Kingston, Ontario.

Summary. GEORGE C. WEST, Institute of Arctic Biology, University of Alaska, Fairbanks, Alaska.

WEDNESDAY AFTERNOON PAPERS SESSIONS

CONCURRENT SESSION A

Form and function of winter territories in *Phainopepla*. PATRICK J. GOULD, C.W. Rice Division, NUS Corporation, Pittsburgh, Pennsylvania.

Fossil evidence for shorebird affinities of the flamingos. J. ALAN FEDUCCIA, Department of Zoology, University of North Carolina, Chapel Hill, North Carolina.

Flower visit patterning by territorial Golden-winged Sunbirds. FRANK B. GILL and LARRY L. WOLF, The Academy of Natural Sciences, Philadelphia, Pennsylvania, and Syracuse University, Syracuse, New York.

The canonical correlation of skull and leg variables: the morphology of foraging in House Sparrows. RICHARD F. JOHNSTON, Museum of Natural History, University of Kansas, Lawrence, Kansas.

CONCURRENT SESSION B

Woodcock breeding displays on a northcentral Oklahoma prairie. JOHN S. BARCLAY and RAYMOND LAMBERT, School of Biological Sciences, Oklahoma State University, Stillwater, Oklahoma.

Wintering status of western Burrowing Owls in the Oklahoma Panhandle. KENNETH O. BUTTS, U.S. Fish and Wildlife Service, LaCrosse, Wisconsin.

The ornithological work of Samuel W. Woodhouse in Indian Territory. JOHN S. TOMER, 5911 East 46th Street, Tulsa, Oklahoma.

Decennial survey of the Golden-cheeked Warbler. WARREN PULICH, Biology Department, University of Dallas, Irving, Texas.

THURSDAY MORNING PAPERS SESSIONS

CONCURRENT SESSION A

Birds of honey mesquite communities, Lower Colorado River valley. BERTIN W. ANDERSON, ROBERT D. OHMART and WILLIAM LAUDENSAYER, Arizona State University, Tempe, Arizona.

Vertical height distributions of birds in a Louisiana forest. JAMES G. DICKSON, Louisiana State University, School of Forestry and Wildlife Management, Baton Rouge, Louisiana.

The structure of avian communities along elevational gradients in the northeastern United States. KENNETH F. ABLE and BARRY R. NOON, State University of New York at Albany, Albany, New York.

Bird species diversity in Trinidad Mora forest. THOMAS E. LOVEJOY, World Wildlife Fund, Washington, D.C.

Bird species diversity and foliage height diversity in a montane forest. BARBARA L. WINTERNITZ, Department of Biology, University of Colorado, Colorado Springs, Colorado.

Eco-morphological configurations and convergent evolution in species and communities. JAMES R. KARR and FRANCES C. JAMES, Department of Biological Sciences, Purdue University, West Lafayette, Indiana, and General Ecology Program, National Science Foundation, Washington, D.C.

Canonical correlation analysis of the morphology and ecology of birds that coexist. FRANCES C. JAMES and JAMES R. KARR, General Ecology Program, National Science Foundation, Washington, D.C., and Department of Biological Sciences, Purdue University, West Lafayette, Indiana.

Ordination of the avifauna of Panamanian islands. KIMBERLY G. SMITH and DOUGLAS A. JAMES, University of Arkansas, Fayetteville, Arkansas.

CONCURRENT SESSION B

A phenetic assessment of subfamily Cardinalinae. JENNA JO HELLACK, Zoology Department, University of Oklahoma, Norman, Oklahoma.

Phenetic affinities within the Alcidae. GARY D. SCHNELL and LOWELL SPRING, Department of Zoology, University of Oklahoma, Norman, Oklahoma and Department of Science and Mathematics, Oregon College of Education, Monmouth, Oregon.

The origin of the Hawaiian honeycreepers. ROBERT J. RAIKOW, Department of Biology, University of Pittsburgh, Pittsburgh, Pennsylvania.

Morphology of the bony stapes in suboscines and the Coraciiformes. ALAN FEDUCCIA, Department of Zoology, University of North Carolina, Chapel Hill, North Carolina.

Evolutionary patterns in avian nests and egg shells. HENRY W. PELZI, Department of Ornithology, The American Museum of Natural History, New York, New York.

Predation on birds by windows, domestic cats and cars in rural southern Illinois. WILLIAM GEORGE, Department of Zoology, Southern Illinois University at Carbondale, Carbondale, Illinois.

Management of dredge spoil islands as nesting sites for colonially nesting birds. JAMES F. PARNELL and ROBERT F. SOOTS, Biology Department, University of North Carolina at Wilmington, Wilmington, North Carolina, and Biology Department, Campbell College, Buies Creek, North Carolina.

Man-altered situations accepted for nesting sites by swallows. ANTHONY J. ERSKINE, Canadian Wildlife Service, Ottawa, Ontario.

A comparison of four ordination techniques on a community of breeding passerine birds. ROBERT C. WHITMORE, Department of Zoology, Brigham Young University, Provo, Utah.

Relationships between nest height, vegetation, and housing density in New England suburbs. RICHARD DEGRAAF and JACK WARD THOMAS, U.S. Department of Agriculture, University of Massachusetts, Amherst, Massachusetts.

The Red-whiskered Bulbul in southern Florida—1974. OSCAR T. OWRE, Department of Biology, University of Miami, Coral Gables, Florida.

THURSDAY AFTERNOON PAPERS SESSIONS

CONCURRENT SESSION A

Evolution in North American Pine Grosbeaks, *Pinicola enucleator*. C. S. ADKISSON, College of Arts and Sciences, Virginia Polytechnic Institute and State University, Blacksburg, Virginia.

A distributional history of the Black-crested Titmouse. KEITH L. DIXON, Department of Biology, Utah State University, Logan, Utah.

Species recognition by Painted Buntings and Indigo Buntings: the relative roles of visual models and advertising songs. DENNIS M. FORSYTHE, Department of Biology, The Citadel, Charleston, South Carolina.

*Selection against hybridization between the "Baltimore Oriole," *Icterus galbula galbula* and the "Bullock's Oriole," *Icterus galbula bullockii*.* KENDALL W. CORBIN and C. G. SIBLEY, Bell Museum of Natural History, University of Minnesota, Minneapolis, Minnesota, and Peabody Museum of Natural History, Yale University, New Haven, Connecticut.

The migrations of Goshawks. HELMUT C. MUELLER and DANIEL D. BERGER, Department of Zoology, University of North Carolina, Chapel Hill, North Carolina, and 1328 North Jefferson, Milwaukee, Wisconsin.

Southeastward departures of shorebirds from Nova Scotia in autumn: a radar study. W. JOHN RICHARDSON, LGL Limited, Environmental Research Associates, Toronto, Ontario.

Movements of Saskatchewan-banded California Gulls. C. STUART HOUSTON, 863 University Drive, Saskatoon, Saskatchewan.

Territoriality of wintering forest-related migrants. JOHN H. RAFFOLE and DWAIN W. WARNER, Welder Wildlife Foundation, Sinton, Texas, and Bell Museum of Natural History, University of Minnesota, Minneapolis, Minnesota.

CONCURRENT SESSION B

Interspecific behavior by Ospreys and Bald Eagles as a factor affecting site selection and nesting success. JOHN C. OGDEN, National Audubon Society, Tavernier, Florida.

*Intraspecific competition in two species of open country raptors, *Circus cyaneus* and *Asio flammeus*.* RICHARD J. CLARK and JAMES G. WARD, Department of Biology, York College of Pennsylvania, York, Pennsylvania.

Prey selectivity of the Wood Stork. JAMES A. KUSHLAN, JAMES T. TILMANT, and JOHN C. OGDEN, Office of Natural Science Studies, U.S. National Park Service, Everglades National Park, Florida, and National Audubon Society, Tavernier, Florida.

Peregrine Falcon nesting and density in West Greenland. WILLIAM BURNHAM, Department of Zoology, Brigham Young University, Provo, Utah.

*Bird dispersal of *Casearia nitida* (Flacourtiaceae) in Costa Rica.* HENRY F. HOWE, Museum of Zoology, University of Michigan, Ann Arbor, Michigan.

Avifauna of the Rio Corona, Tamaulipas, Mexico: north-eastern limits of the tropics. FREDERICK R. GRELBACK, DAVID O. DILLON, JR., HERSCHEL L. HARRELL, STEVEN E. KENNEDY, and KAY R. WILSON, Department of Biology, Baylor University, Waco, Texas.

Organochlorine residues and eggshell-thickness changes in Black-crowned Night Heron eggs. HARRY M. OHLENDORF, ERWIN E. KLAAS, and T. EARL KAISER, Patuxent Wildlife Research Center, Laurel, Maryland.

Nest site selection of Barn Swallows in east central Mississippi. JEROME A. JACKSON and PHILLIP B. BURCHFIELD, Zoology Department, Mississippi State University, Mississippi State, Mississippi.

A preliminary analysis of time of day as a confounding element in bird censuses. WILLIAM M. SHELDON, Department of Zoology, Ohio State University, Columbus, Ohio.

SPECIAL EVENTS

A motion picture session Monday evening featured the following films:

"New national parks in Alaska." JOHN M. KAUFMAN, A. DURAND JONES, and A. R. WEISBROD, National Park Service, Washington, D.C., and Seattle, Washington.

"Puffins, predators, and pirates." DAVID N. NETTLESHIP, Canadian Wildlife Service, Ottawa, Ontario.

"Music in sparrow song." JAMES MULLIGAN, St. Louis University, St. Louis, Missouri.

"The mussel specialist." NIKO TINBERGEN, Oxford University, Oxford, England.

The Department of Zoology, University of Oklahoma, scheduled a well-attended George Miksch Sutton Lecture during the A.O.U. meeting. Rudolf

H. Drent, Zoologisch Laboratorium, Rijksuniversiteit, Groningen, Netherlands, spoke on "The problem of family size in birds, considered from the viewpoints of the energetics of incubation and chick raising" Tuesday evening.

An exhibition of bird paintings, mainly by artists who had worked under the direct tutelage of George Miksch Sutton, was held in Seminar Rooms B3 and B4 of the Forum Building.

SOCIAL EVENTS

The Council and Fellows held their symposium and dinner on Monday evening. Associate members attended an afternoon tea at the home of University of Oklahoma President and Mrs. Paul F. Sharp on Tuesday and participated in a tour of the Oklahoma Heritage Center, the National Cowboy Hall of Fame, and the Western Heritage Center in Oklahoma City on Thursday. Members were guests of President and Mrs. Sharp at a reception in the Ballroom of the Oklahoma Memorial Union Tuesday evening in honor of Rudolf H. Drent and George Miksch Sutton following Dr. Drent's lecture. At the reception, President Sharp accepted a bust of Dr. Sutton presented to the university by Robert H. Furman.

All members attended a tour of the exhibits and research facilities of the Oklahoma City Zoo Wednesday afternoon followed by ground-breaking ceremonies for Amazonia, the George Miksch Sutton Tropical American Rain Forest Exhibit. Roger Tory Peterson read excerpts from Dr. Sutton's account of crawling through a hollow log that a Turkey Vulture shared with several other beasts and Senorita *Priodontes giganteus*, a giant armadillo, turned the first spadeful of earth. Afterwards, the Oklahoma Zoological Society hosted an informal meal in the Zoo party House.

The annual banquet of the A.O.U. was held Thursday evening in the Commons Restaurant; George J. Goodman, Professor of Botany at the University of Oklahoma, recounted in detail the history of botanical exploration of the state.

FIELD TRIPS

Forty persons braved a rainy cool front to participate in local field trips near Norman and around lakes in the Oklahoma City area on 14 October.

Two groups left Norman by bus before dawn 18 October on field trips to the western part of the State. Thirty-four people visited Oklahoma shinnery grassland, sandsage grassland, Foss Reservoir, and Red Rock Canyon State Park where the sighting of Lesser Prairie Chickens was the highlight of the day. Fifty-four others greeted the sun from atop Mount Scott in the unique Wichita Mountains National Wildlife Refuge of southwestern Oklahoma. Bison, longhorns, and prairie dogs provided a western flavor to the refuge tour. Representative avian species including Rock Wrens, Canyon Wrens, Rufous-crowned Sparrows and vociferous flocks of Sandhill Cranes overhead.

RESOLUTIONS

Resolutions concerning the Tennessee Creation Act, International Convention on Endangered Species, Psittacine Birds, Persistent Pesticides, Private Conservation Organizations, Endangered Species Act of 1973 and Appreciation of Arrangements for the 92nd Stated Meeting were adopted at the General Session held Thursday afternoon 17 October 1974. The specific resolutions were as follows:

RESOLUTION NUMBER 1.—Noting that the Tennessee General Assembly on April 30, 1973 passed an act requiring high school biology textbooks to include the Biblical account of the origin of life (1973 Tennessee Published Acts, Chapter 337), thereby inserting religious views into the teaching of science; and

Recognizing that the theory of organic evolution is the most basic and unifying concept in biology, and that ornithology has contributed extensively to the development of the theory;

The American Ornithologists' Union commends the National Association of Biology Teachers for its efforts challenging the constitutionality of the Act and recommends that religious teaching be restricted to courses in religion.

RESOLUTION 2.—*Whereas* the Convention on International Trade in Endangered Species of Wild Fauna and Flora will provide increased protection for many species of endangered wildlife that are subjected to commercial exploitation and have heretofore been offered minimal or no protection; and

Whereas the government of the United States played a leading role in the organization of the convention, and ratified it in September, 1973.

Therefore, the American Ornithologists' Union commends the United States, Sweden, Switzerland, Nigeria, and Togo for having ratified the Convention, and urges the Department of State to encourage the other seventy-five signatory nations to ratify it promptly.

RESOLUTION 3.—*Whereas* the importation of live psittacine birds is exempted from control under terms of the Lacey Act, which provides for the control of importation of injurious wildlife; and

Whereas populations of several potentially injurious psittacine species have become established in the United States; and

Whereas increased harvesting pressure on psittacine birds resulting from new restrictions on the importation of other birds could adversely affect the natural populations of psittacine birds;

Therefore, the American Ornithologists' Union urges that the Lacey Act be amended to provide controls over the importation of live psittacine birds.

RESOLUTION 4.—Believing that the alarming reduction in the U.S. population of peregrine falcons and other birds shown to be susceptible to the effects of persistent pesticides is a symptom of general environmental deterioration; and

Recognizing the misconception that environmental deterioration consists only of pollution perceived as a local and reversible phenomenon; and

Acknowledging that more subtle and indirect environmental disruption, such as diminution of ocean productivity or crop failure due to the resistance of crop pests to pesticides, is a more serious threat to the maintainance of an environmentally stable civilization

The American Ornithologists' Union commends the Environmental Protection Agency for its administrative rulings to restrict the use of DDT, dieldrin, and aldrin, but questions the special registration by EPA which authorized the spraying of 75

pounds per acre of DDT on 380,000 acres of land in the northwestern states in 1974 to control the Douglas Fir Tussock Moth.

We recommend that a policy emphasizing integrated pest management be employed, that no further applications of persistent pesticides be permitted over large open areas, and that more effort be devoted to the development of substances that are effective in controlling pests but do not remain in the environment longer than one growing season.

RESOLUTION 5.—The American Ornithologists' Union acknowledges the outstanding efforts of the many private conservation organizations that are conducting vigorous programs to protect animals, plants, and natural areas. We are particularly grateful to:

The Audubon Society for its expanding research program on endangered species of birds;

The Nature Conservancy for its Heritage Program giving assistance to individual states so that they may obtain federal funds to protect unique natural areas; and

The World Wildlife Fund for its new program for the support of research and the establishment of large preserves in tropical rain forests.

RESOLUTION 6.—Recognizing the importance of the Endangered Species Act of 1973 requiring an expansion of the list of species to be protected over those of the 1969 Act, and requiring the preparation of a list of threatened species and populations of species; and

Noting that since its passage no new species have been added, and that although Section 7 of the Act specifies that habitats of listed endangered and threatened species may not be disturbed by federal projects, the habitats of species that should be listed are not now being protected;

The American Ornithologists' Union urges that prompt action be taken by the U.S. Fish and Wildlife Service to prepare and publish lists of endangered and threatened species as required by the Act.

RESOLUTION 7.—*Whereas* the American Ornithologists' Union has met for its 92nd Stated Meeting in Norman, Oklahoma, at the invitation of the University of Oklahoma, the Oklahoma Ornithological Society, and the Cleveland County Bird Club; and

Whereas the American Ornithologists' Union has enjoyed the exceptionally fine facilities of the Oklahoma Center for Continuing Education, and has appreciated the hospitality of the local Committee on Arrangements, including excellent technical support for the paper sessions and the symposium on avian adaptations to the Arctic, enjoyable social events, local tours, and field trips to the shinnery oak-glasslands and the Wichita Mountains National Wildlife Refuge; and

Whereas the Union also has appreciated the decision by the University of Oklahoma to hold the George M. Sutton lecture in ornithology during the meeting,

Therefore, be it resolved that the American Ornithologists' Union expresses its sincere appreciation to the sponsoring organizations, the Oklahoma Zoological Society, the Oklahoma City Zoo, and particularly to Gary D. Schnell and the Local Committee on Arrangements for their outstanding efforts.

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TREASURER'S REPORT

1 AUGUST 1973-31 JULY 1974

INCOME TO ACTIVE FUND

Dues	\$23,355.25	
Subscriptions	12,038.50	
Sale of back issues of <i>The Auk</i>	862.65	
Royalties	309.67	
Advertising	1,873.24	
Donations to Active Fund	1,609.72	
Sale of reprints	239.87	
Income from General Endowment	8,857.13	
Income from Ruthven Deane Fund	332.34	
Income from surplus	4,409.02	
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TOTAL INCOME	\$53,887.39	
Balance in account, 31 July 1973	13,249.51	
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TOTAL		\$67,136.90

DISBURSEMENTS FROM ACTIVE FUND

Expenses, publication of <i>The Auk</i>	\$46,621.79	
Expenses, President	125.28	
Expenses, Secretary	1,324.98	
Expenses, Treasurer	3,498.63	
Cost of dues notices (2 years)	1,778.26	
Cost of annual meetings	1,710.78	
Mailing of back issues of <i>The Auk</i>	66.13	
Cost of reprints	91.62	
Membership brochure printing	350.16	
A.S.C. meeting (travel)	268.89	
Donations from Active Fund	230.00	
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TOTAL DISBURSEMENTS	\$56,066.52	\$56,066.52
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Balance in Active Fund, 1 August 1974		\$11,070.38
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SPECIAL FUNDS

Brewster Memorial Fund:

Income from investments	\$ 578.80	
Expenses of producing (3) medals		\$ 206.21
Postage		17.51
Award (Goodall)		177.78
Balance in account		177.30
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	\$ 578.80	\$ 578.80

Bird Protection Fund:

Balance forward	\$ 43.44	
Income from investments	103.72	
To Intern. Council for Bird Protection		\$ 100.00
Balance in account		47.16
	<u>\$ 147.16</u>	<u>\$ 147.16</u>

Educational Fund:

Balance forward	\$ 7.01	
Income from investments	288.84	
Memberships for 35 students		\$ 280.00
Balance in account		15.85
	<u>\$ 295.85</u>	<u>\$ 295.85</u>

General Endowment Fund:

Balance forward	\$ 4,538.41	
W. E. Clyde Todd estate	2,177.16	
Life membership payments	4,896.50	
Donation, Alexander Wetmore	500.00	
Donation, John W. Aldrich	100.00	
Other donations	92.50	
To Investing Trustees		\$11,000.00
Balance in account		1,304.57
	<u>\$12,304.57</u>	<u>\$12,304.57</u>

Handbook of North American Birds Fund:

Balance forward	\$ 45.91	
Balance in account		\$ 45.91
	<u>\$ 45.91</u>	<u>\$ 45.91</u>

Special Publications Fund:

Balance forward	\$12,967.38	
Income from investments	371.37	
Sale of Check-lists	1,359.15	
Sale of Proceedings	339.00	
Sale of Indexes	603.50	
Sale of Biographies	4.00	
Mailing of publications		\$ 108.47
Refunds		44.00
Balance in account		15,491.93
	<u>\$15,644.40</u>	<u>\$15,644.40</u>

A.O.U. Monographs Fund:

Balance forward	\$25,276.84
Sale of Monographs	5,120.13

Donation from Tucker Foundation	5,000.00	
Publication expense, Monograph No. 14		\$ 3,930.07
Publication expense, Monograph No. 15		5,363.63
Expenses, transfer to Woolfenden		264.37
Editorial expenses		15.05
Mailing of publications		501.92
Balance in account		25,321.93
	<u>\$35,396.97</u>	<u>\$35,396.97</u>

Marcia B. Tucker Fund:

Donation from Tucker Foundation	\$ 500.00	
1974 Awards: Edward Burt, Jr.		\$ 250.00
William Shields		250.00
	<u>\$ 500.00</u>	<u>\$ 500.00</u>

Josselyn Van Tyne Memorial Fund:

Balance forward	\$ 868.60	
Income from investments	620.07	
Donation, Ernst Mayr	600.00	
1974 Grants: David E. Joyner		\$ 150.00
Mike Mossman		150.00
Mary A. Crock		600.00
Balance in account		1,188.67
	<u>\$ 2,088.67</u>	<u>\$ 2,088.67</u>

CLOSING BALANCES

Active Fund	\$11,070.38	
Brewster Memorial Fund	177.30	
Bird Protection Fund	47.16	
Educational Fund	15.85	
General Endowment Fund	1,304.57	
Handbook of North American Birds Fund	45.91	
Special Publications Fund	15,491.93	
A.O.U. Monographs Fund	25,321.93	
Marcia B. Tucker Fund	- 0 -	
Josselyn Van Tyne Memorial Fund	1,188.67	
TOTAL		<u>\$54,663.70</u>
Checking account, Louisville, Kentucky	\$ 246.86	
Uninvested cash, Chicago	4,416.84	
Variable demand notes, Chicago	50,000.00	
TOTAL		<u>\$54,663.70</u>

BURT L. MONROE, *Treasurer*