

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

L. RICHARD MEWALDT, SECRETARY

The Eighty-fifth Stated Meeting of the American Ornithologists' Union was held 21–25 August 1967 at the Royal Ontario Museum of the University of Toronto at Toronto, Ontario. Cosponsors were the Department of Zoology (U. of T.), the Ontario Department of Lands and Forests, the Federation of Ontario Naturalists, and the Canadian Audubon Society. Business sessions were held on 21 and 23 August; paper sessions on 22, 23, and 24 August; and all-day field trips along the north shore on Lake Ontario, to the Kortright Waterfowl Park, and to the Niska Waterfowl Research Station on 25 August.

BUSINESS SESSIONS

On 21 August the Council met in the forenoon and early afternoon; the Fellows met in the late afternoon; and the Fellows and Elective Members met in the evening. The Council and the Fellows each held their second and third meetings on Wednesday, 23 August. A summary of actions at these meetings follows.

1968 meeting.—The Eighty-sixth Stated Meeting will be held from 18 to 23 June 1968 at College (Fairbanks), Alaska, at the invitation of the University of Alaska and the Fairbanks Bird Club.

1969 meeting.—Tentative plans are being made to hold the Eighty-seventh Stated Meeting at Fayetteville, Arkansas, at the invitation of the University of Arkansas.

Awards.—The Brewster Memorial Award, by action of the Council, was made to W. E. Clyde Todd of the Carnegie Museum, Pittsburgh, Pennsylvania. The citation states: "The recipient of the 1967 Brewster Award may be best known to many members of the Union as the author of "Birds of Western Pennsylvania" (1940). Ornithologists around the world know him as an amazingly productive scholar whose monographs, revisions, and distributional studies have contributed so profoundly to our understanding of the birds of the Western Hemisphere. An earlier classic, co-authored with M. A. Carriker, Jr., on the "Birds of the Santa Marta Region, Colombia," earned for Messrs. Todd and Carriker the Union's third Brewster Award (1925). Mr. Todd's most recent work, the culmination of over half a century of interest in and study of the birds of the "north country," will surely be considered a classic among the regional treatises of the avifauna of the New World. The "Birds of the Labrador Peninsula" is a meticulous, comprehensive, and beautifully-written account of the systematics,

distribution, and habits of the birds of a large segment of north-eastern North America. The 1967 award bestows upon Mr. Todd, senior member of the A. O. U., the well-deserved honor of being the first ornithologist to have received *two* Brewster awards."

Josselyn Van Tyne Memorial Research Awards administered by the Research Committee were made to Amadeo M. Rea for research on the taxonomy of the Arizona Boat-tailed Grackle; to Gary D. Schnell for research on flight patterns and flight speeds of terns, gulls, and swallows; and to H. H. Shugart, Jr., for research on bird populations on seral stages of an old field succession.

Marcia Brady Tucker awards administered by the Committee on Student Awards enabled four young ornithologists to attend the 1967 annual meeting. Awardees were Joel Cracraft of Columbia University; Billy J. Forsyth, University of Arkansas; Sidney A. Gauthreaux, Louisiana State University; and David R. Osborne, Michigan State University. Student Memberships in the A.O.U. were awarded to 50 students from 44 institutions in 33 states and provinces from a field of 96 applicants.

Amendments to the Bylaws.—The Fellows gave final approval to several additions and changes in the Bylaws relating to membership, including the new class of Benefactor. Detail of these changes appears in the Proceedings of the Eighty-fourth Stated Meeting of the A.O.U. (*Auk*, 84: 245–259).

New additions and changes proposed in the Bylaws were considered by the Council and the Fellows. Preliminary approval was given by the Fellows. Final action will be taken on these proposals at the 1968 meeting of the Fellows:

Add to Article VII a new Section 4.

Proposed reading "Section 4. In the event of dissolution or termination of the Union, title to and possession of all the property of the Union shall pass forthwith to such organization dedicated to similar purposes and qualified for exemption under the Internal Revenue Code of 1954 as amended, as the Council of the Union shall deem best qualified to carry on the functions of the Union."

Change in Article I, Section 2.

Present reading "They (the Fellows) shall be limited to fifty individuals of not more than sixty years of age, and this without prejudice to the number, status, or further election of older Fellows."

Proposed reading "The number of Fellows less than sixty years of age shall be limited to fifty, and this without prejudice to the number, status, or further election of older Fellows."

Change in Article I, Section 6.

Present reading "Elective Members shall be limited to two hundred in number."

Proposed reading "The number of Elective Members less than sixty years of age shall be limited to two hundred, and this without prejudice to the number, status, or further election of older Elective Members."

Change in Article IV, Section 6.

Present reading "Section 6. Elections to the class of Elective Members shall be held in the following manner: The number to be elected shall first be decided by a majority vote of the Fellows and Elective Members present at the Stated Meeting at which the election is to be held."

"At each ballot each Fellow and Elective Member present may vote for nominees not exceeding the full number of vacancies to be filled, and the person receiving the highest number of votes shall be declared elected, provided that he received the votes of at least two-thirds of the Fellows and Elective Members present, and so on until all the vacancies are filled. Any candidate who, on each of three successive ballots, fails to receive the votes of half the Fellows and Elective Members present, shall cease to be a candidate during the remainder of that Stated Meeting."

"The election of Elective Members may be suspended at any time by a majority vote of the Fellows and Elective Members present."

"During the election a discussion of the merits of nominees will be in order."

Proposed reading "Section 6. Election to the class of Elective Members shall be held in the following manner: The maximum number to be elected shall first be decided by a vote of the Fellows and Elective Members present at the Stated Meeting at which the election is to be held but in no instance shall exceed twenty-five in number at one meeting. On one ballot each Fellow and Elective Member present may vote for as many nominees as the number of vacancies to be filled. The candidates receiving the highest number of votes on this ballot shall be declared elected, provided they receive a majority of the votes cast. In the case of a tie for the last available position, additional ballots shall be taken to include only those candidates receiving the equal and required number of votes."

"Before the election a discussion of the merits of nominees will be in order."

Membership.—The Secretary reported the membership stood at 3,229 just prior to the annual meeting. Following elections the numbers in the several classes were:

Members	2,774
Student Members	50
Elective Members	199
Fellows	95
Fellow Emeritus	1
Honorary Fellows	20
Corresponding Fellows	74
Honorary Life Elective Member	7
Honorary Life Member	9

Total membership includes 34 Patrons (18 living) and 450 Life Members. During the year the Committee on Biography learned of the death of 10 Members, 3 Elective Members, 1 Patron, and 1 Honorary Fellow:

Albert E. Allin, Elective Member
Ormsby Annan, Patron
Bertram W. Cartwright, Elective Member
Carl F. Namann, Life Member
Harold M. Holland, Member

M. Albert Linton, Member
 Richard Meinerzhagen, Honorary Fellow
 W. Plass Owen, Member
 Clarence B. Randall, Life Member
 Henry S. Shaw, Life Member
 Lewis G. Sterner, Member
 Mrs. R. A. Terry, Life Elective Member
 Miss Elsie W. Townsend, Member
 Ellison A. Williams, Member
 Andrew Wineman, Life Member

In the meetings on 21 August the following were elected to special classes of membership in the A.O.U.

FELLOW

William R. Dawson
 Richard F. Johnston
 James R. King
 Robert A. McCabe

HONORARY FELLOW

Georges P. Dementiev (USSR)

CORRESPONDING FELLOW

Alvarez del Toro (Mexico)

PATRON

Ormsby Annan (deceased)

ELECTIVE MEMBER

Jon C. Barlow
 William H. Drury, Jr.
 Terrell H. Hamilton
 Thomas A. Imhof
 Marvin P. Kahl
 James A. Mulligan
 Ralph J. Raitt
 Neal G. Smith
 Walter R. Spofford
 Robert C. Stein
 Allen M. Stokes
 George C. West
 Francis S. L. Williamson
 Edwin O. Willis

Finances.—Cyrus Mark, Chairman of the Investing Trustees, reported that the appraised value of the endowment holdings as of 31 July 1967 was \$235,256.96 including a capital increase of \$10,476.96 and a capital addition of \$7,500. Net earnings realized by the A.O.U. in the fiscal year (1966–67) amounted to \$7,897.66.

The Council re-elected Investing Trustees Cyrus Mark, Chairman, Turner Biddle, and Arlie W. Schorger.

The report of Treasurer Burt L. Monroe, Sr., appears in full at the conclusion of these proceedings.

Editorial Matters.—Robert M. Mengel, Editor of *The Auk*, reported that Volume 84 (1967) would contain more than 650 pages not including the new membership list. The first three numbers of the year contained 17 major articles, 1 memorial, 2 reports, 40 general notes, 17 reviews, 2 obituaries, and several miscellaneous items. Elapsed time for publication remains essentially unchanged or approximately 12 months. Rejection rate continued to run about 50 percent, a goodly portion of which is material that should and does ultimately gain publication elsewhere. Robert Men-

gel, completing five years as Editor of *The Auk*, expressed his profound thanks to the members of his Editorial Committee, past and present. President Mayfield commended Robert Mengel for a magnificent job done in his five years as Editor of *The Auk*.

The Council elected Oliver L. Austin, Jr. to be Editor of *The Auk* beginning with Volume 85.

Robert W. Storer, Editor of *Ornithological Monographs*, reported that during the past year monograph No. 5, "A Comparative Life-History Study of Four Species of Woodpeckers" by Louise deKiriline Lawrence, had been published; and that Monographs No. 6, "Adaptations for Locomotion and Feeding in the Anhinga and the Double-crested Cormorant" by Oscar T. Owre, and No. 7, "The Birds of Honduras" by Burt L. Monroe, Jr. are in press. Two additional monographs are in preparation or are in an early editorial process. Dr. Storer was re-elected Editor of the *Ornithological Monographs*.

Classification and nomenclature of North American birds.—Eugene Eisenmann, Chairman of the Committee on Classification and Nomenclature reported substantial progress in the assembly of information for the sixth edition of the A.O.U. Check-list of North American Birds.

Election of officers.—At the meeting of Fellows and Elective Members, Harold F. Mayfield was re-elected President; John W. Aldrich was automatically advanced to be First Vice-President; Eugene Eisenmann was elected Second Vice-President; L. Richard Mewaldt was re-elected Secretary; and Burt L. Monroe, Sr. was re-elected Treasurer. Elected to three-year terms on the Council were John Davis, Thomas R. Howell, and Robert M. Mengel. Pierce Brodkorb was elected to fill the one-year term on the Council left vacant by the election of Eugene Eisenmann to be Second Vice-President.

Auditing Committee.—In their report to the Union the Auditing Committee (Mrs. James R. Downs and John William Hardy) stated it found the records of Treasurer Burt L. Monroe, Sr. to be in good order. The Committee complimented Burt Monroe, Sr. on the exceptional neatness and clarity of the entries in his books.

ATTENDANCE

Registration at the meeting included 366 persons from Jamaica (2), Rhodesia (2), Tasmania (2), six provinces of Canada (150), and 32 states and the District of Columbia of the U.S.A. (210).

CANADA—*Alberta*: Dr. G. E. Ball, Dr. E. O. Höhn, R. Lister, P. Taylor. *Manitoba*: R. M. Evans, M. McNicholl, Dr. R. W. Nero, A. E. Wilson. *New Brunswick*: R. McManus, Jr. *Ontario*: Mrs. O. Addison, F. W. Anderka, Mr. and Mrs. J. L. Baillie, D. H. Baldwin, Dr. and Mrs. J. C. Barlow, Mr. and Mrs. F. Bodsworth, Miss F. Boggs, Mrs. H. M. Boggs, Mrs. C. A. Brigden, Dr. R. G. Brown, C. A. Campbell, W. H. Car-

rie, Miss C. Cartwright, Dr. B. Charles, Dr. C. H. D. Clarke, J. M. Collins, V. Crich, J. Crosby, J. A. Darley, Mrs. C. Davis, T. Davis, B. Dennison, O. E. Devitt, Mr. and Mrs. J. A. Dick, Mr. and Mrs. D. D. Dow, Miss S. Dunfield, Dr. D. W. Dunham, Dr. M. I. Dyer, Miss C. Evans, Dr. and Mrs. J. B. Falls, J. Featherstone, R. C. Gaschen, W. E. Godfrey, C. E. Goodwin, P. Hardy, Mrs. J. M. Hay, F. M. Helleiner, D. Hus-sell, P. Iden, Mrs. R. C. Jacobsen, Mr. and Mrs. R. D. James, Dr. and Mrs. L. E. Jaquith, Mr. and Mrs. W. R. Jarmain, C. Jarosch, D. H. Johnston, Miss F. E. M. Johnston, Dr. J. A. Keast, Mrs. J. Kemp, B. Krug, H. Krug, Dr. R. K. Lane, Mrs. L. Lawrence, Mr. and Mrs. K. LeSueur, J. Livingston, H. Lloyd, R. D. Lockwood, Rev. R. C. Long, H. G. Lumsden, Mrs. N. Luscombe, S. D. MacDonald, B. K. MacKay, Mrs. P. E. MacKay, R. H. MacKlem, Dr. and Mrs. D. A. MacLulich, Mrs. D. MacLulich, R. McCleary, Dr. A. Middleton, D. Miller, R. D. Montgomerie, Miss R. H. Murray, Mr. and Mrs. G. W. North, Mr. R. Orenstein, Mr. and Mrs. A. Outram, G. Page, Dr. T. S. Parsons, Dr. and Mrs. G. K. Peck, H. A. Posliff, Dr. and Mrs. D. M. Power, Mrs. C. D. Quilliam, Mr. and Mrs. B. Ranford, P. B. Reed, Jr., W. Rees, W. J. Richardson, Mr. and Mrs. A. G. Roach, J. O. L. Roberts, R. J. Rutter, Dr. H. Savage, Dr. D. M. Scott, Mrs. J. Shemilt, D. Sharp, Miss E. Sherk, Mr. and Mrs. T. M. Shortt, M. Singleton, P. C. Smith, W. W. Smith, Mr. and Mrs. L. L. Snyder, Dr. G. R. Sparrow, Dr. and Mrs. J. M. Speirs, R. Stamp, W. S. Steele, R. A. Stefanski, B. I. Thacker, B. Thorneycroft, R. Titman, Mr. and Mrs. R. D. Ussher, Miss K. Veldi, J. Ward, E. Warrington, A. Wasserfall, Mr. and Mrs. Westmore, Mr. and Mrs. H. D. Wilkins, Mr. and Mrs. J. Woodford, P. Wukasch. *Quebec*: Mr. and Mrs. H. Ouellet. *Saskatchewan*: Mr. and Mrs. S. A. Mann.

JAMAICA, W. I.: Mr. and Mrs. G. W. N. Downer.

RHODESIA: Mr. and Mrs. R. Boulton.

TASMANIA: Mr. and Mrs. M. Sharland.

UNITED STATES—*Alaska*: Dr. B. Kessel. *Arizona*: Mrs. H. E. Carnes, A. A. Gubanich, Dr. and Mrs. S. M. Russell, Mrs. C. M. Tellez, C. S. Tomoff. *Arkansas*: Dr. and Mrs. B. Forsyth, Dr. and Mrs. D. James, Mr. and Mrs. H. H. Shugart, Jr. *California*: Dr. P. L. Ames, Mrs. E. K. Austin, Dr. J. Davis, E. R. Greene, Dr. J. W. Hardy, Dr. N. K. Johnson, Dr. and Mrs. L. R. Mewaldt, Dr. K. E. Stager. *North Carolina*: Dr. H. C. Mueller. *Colorado*: Dr. and Mrs. P. H. Baldwin, Mr. and Mrs. W. W. Brockner, R. D. Curnow, E. R. Kalmbach. *District of Columbia*: Dr. and Mrs. R. C. Banks, Dr. P. S. Humphrey, B. F. King, Dr. G. E. Watson, Dr. and Mrs. A. Wetmore, Dr. R. Zusi. *Connecticut*: Dr. J. Ahlquist, Dr. A. H. Brush, Dr. K. W. Corbin, Mr. and Mrs. D. N. Doubleday, Dr. H. T. Hendrickson, Mrs. H. Hibbert, Mr. and Mrs. E. S. Morton, Dr. and Mrs. R. T. Peterson, Dr. C. G. Sibley. *Florida*: Dr. and Mrs. O. L. Austin, Jr., Dr. P. Brodkorb, Dr. D. W. Johnston, Dr. H. W. Kale II, Dr. W. B. Robertson, Jr., Dr. and Mrs. E. G. F. Sauer, Carole F. Summer, P. Westcott, Dr. G. E. Woolfenden. *Idaho*: Dr. J. C. Ligon.

Illinois: Dr. and Mrs. H. I. Fisher, Dr. and Mrs. W. G. George, Mr. and Mrs. C. Mark, Dr. and Mrs. A. L. Rand, M. A. Traylor. *Indiana*: Dr. and Mrs. J. D. Webster. *Iowa*: Mr. and Mrs. P. C. Petersen, Jr., Dr. and Mrs. M. W. Weller. *Kansas*: Mr. and Mrs. J. A. Jackson, Dr. and Mrs. R. D. Johnston, Dr. and Mrs. R. M. Mengel, Dr. J. L. Zimmerman. *Kentucky*: K. P. Able, D. R. Ice, B. L. Monroe, Sr., Dr. B. L. Monroe, Jr. *Louisiana*: Dr. and Mrs. M. B. Eyster, S. A. Gauthreaux, Jr., R. Gremillion, Dr. H. C. Land, Dr. and Mrs. G. H. Lowery, Jr., Dr. and Mrs. R. Newman. *Maine*: Mr. and Mrs. F. B. Whitman, Jr. *Maryland*: Mr. and Mrs. E. B. Baysinger, Miss S. A. Briggs, Miss P. Brody, Mrs. R. D. Cole, Dr. R. C. Erickson, Mr. and Mrs. D. H. Morse, Mr. C. S. Robbins. *Massachusetts*: J. Baird, Mr. and

Mrs. L. M. Bartlett, Miss D. V. Howard, Dr. and Mrs. R. A. Paynter, Jr., Miss D. E. Snyder. *Michigan*: J. W. Cohn, J. A. Feduccia, D. W. Greiner, D. B. Heckenlively, B. H. Hodess, Mr. and Mrs. J. P. Ludwig, Mr. and Mrs. D. S. McGeen, Dr. B. C. Murray, Jr., W. P. Nickell, D. R. Osborne, Dr. and Mrs. P. Stettenheim, Dr. R. W. Storer. *Minnesota*: Mr. and Mrs. G. Kaufmann. *Missouri*: P. L. Heye. *Nebraska*: Mr. and Mrs. J. Lueschen. *New Jersey*: Mrs. E. E. Dater, Mr. and Mrs. J. S. Greenlaw, Mr. and Mrs. J. M. Utter.

New York: Dr. D. Amadon, Dr. W. J. Bock, R. Brownstein, R. Clarke, R. C. Clement, Dr. C. T. Collins, D. M. Cooper, Mr. and Mrs. J. Cracraft, G. Donaldson, Dr. and Mrs. S. W. Eaton, E. Eisenmann, Dr. S. T. Emlen, G. S. Keith, Dr. and Mrs. D. A. Lancaster, Dr. W. E. Lanyon, M. LeCroy, Mr. and Mrs. H. D. Mitchell, Dr. R. Palmer, G. Powell, E. L. Seeber, Dr. and Mrs. L. L. Short, Jr., Dr. R. C. Stein, Mrs. D. Stoner, Mr. and Mrs. H. M. Van Deusen, Dr. J. C. Vanden Berge, Mr. and Mrs. W. C. Vaughan, Mr. and Mrs. S. E. Weeks, Dr. R. G. Wolk. *Ohio*: Mrs. R. V. D. Booth, Dr. and Mrs. L. C. Holcomb, J. Jackson, Mr. and Mrs. H. F. Mayfield. *Pennsylvania*: R. H. LeFevre, Dr. K. C. Parkes, F. W. Preston, W. E. C. Todd, Mrs. A. R. Laskey. *Texas*: Dr. K. Rylander. *Utah*: Dr. and Mrs. W. H. Behle, Dr. K. L. Dixon, Dr. and Mrs. J. R. Murphy. *Vermont*: Mrs. J. R. Downs, Dr. and Mrs. A. S. Gaunt. *Virginia*: Dr. and Mrs. J. W. Aldrich, O. Crowder, Dr. and Mrs. G. A. Hall. *Washington*: Dr. J. E. Johns, Dr. J. R. King. *Wisconsin*: D. D. Berger, Dr. and Mrs. J. T. Emlen, Mr. J. W. Grier, Dr. and Mrs. F. N. Hamerstrom, Jr., Mr. and Mrs. J. J. Hickey.

PUBLIC SESSIONS

Paper sessions were held in the Royal Ontario Museum on the mornings and afternoons of three successive days beginning Tuesday, 22 August.

TUESDAY MORNING SESSION

Dr. Jon C. Barlow, Chairman of the Local Committee on Arrangements, introduced Dr. M. St. A. Woodside, Provost of The University of Toronto, who delivered an address of welcome. President Harold F. Mayfield responded for the American Ornithologists' Union. Secretary Richard Mewaldt summarized the business sessions of the previous day, including elections. The following papers were then presented:

JOHN DAVIS, Hastings Reservation, University of California, Carmel Valley, *The Distribution of Wintering Oregon Juncos and Golden-crowned Sparrows in an Old Field.*

D. A. MACLULICH, Department of Biology, Waterloo Lutheran University, Waterloo, Ontario, *Median Strip Method of Census Estimation.*

DOUGLASS H. MORSE, Department of Zoology, University of Maryland, College Park, *The Rate of Movement of some Mixed Species Foraging Flocks.*

KEITH DIXON, Department of Zoology, Utah State University, Logan, *Aggressive Vocalizations of the Black-capped Chickadee.*

DOUGLAS D. DOW, Department of Zoology, University of Western Ontario, London, *Distribution and Dispersal of the Cardinal in Relation to Habitat.*

M. I. DYER and F. W. ANDERKA, Department of Zoology, University of Guelph, Guelph, Ontario, *Field Telemetry Studies in Avian Ecology.*

TUESDAY AFTERNOON SESSION

CHARLES G. SIBLEY, Department of Biology, Yale University, New Haven, Conn., *The Relationships of Some Passerine Families.*

- HERBERT T. HENDRICKSON, Department of Biology, Yale University, New Haven, Conn., *A Comparative Study of Avian Hemoglobins.*
- JON E. AHLQUIST, Department of Biology, Yale University, New Haven, Conn., *The Relationships of Some Non-Passerine Orders and Families.*
- KENDALL W. CORBIN, Department of Biology, Yale University, New Haven, Conn., *The Relationships of the Flamingos.*
- RICHARD L. ZUSI, U. S. National Museum, Washington, D. C., *On the Taxonomic Limits of the Carduelinae.*
- NED K. JOHNSON, Museum of Vertebrate Zoology, University of California, Berkeley, *Evidence for the Systematic Position of the Flower-Piercers from the Rediscovery of the Peg-billed Finch.*
- DENNIS M. POWER, Museum of Natural History, The University of Kansas, Lawrence, and Royal Ontario Museum, University of Toronto, Toronto, Ontario, *Multivariate Analysis of Geographic Variation in Red-winged Blackbirds.*
- RICHARD F. JOHNSTON, Museum of Natural History, University of Kansas, Lawrence, *Evolutionary Origin of the House Sparrow.*

WEDNESDAY MORNING SESSION

- JOHN WILLIAM HARDY, Moore Laboratory of Zoology, Occidental College, Los Angeles, California, *Aspects of the Ecology of Dwarf Jays, Cyanolyca nana, in Montane Oaxaca.*
- LARRY C. HOLCOMB and GILBERT TWIEST, Ohio Agricultural Research and Development Center, Wooster, and University of Toledo, Toledo, Ohio, *Growth and Calculation of Nestling Age for Red-winged Blackbirds.*
- HOBART M. VAN DEUSEN, Archibold Expeditions, American Museum of Natural History, New York, *Food of the Sooty Barn Owl, Tyto tenebricosa, in New Guinea.*
- BEN KING, CAAG/USOM, APO San Francisco, *Swallow Banding in Bangkok, Thailand.*
- HELMUT C. MEULLER, Department of Zoology, University of North Carolina, Chapel Hill, *Prey Selection by a Sparrow Hawk.*
- JOHN D. FEATHERSTONE and J. BRUCE FALLS, Department of Zoology, University of Toronto, Toronto, Ontario, *Effects of Altering Food Supply on the Utilized Territory of the Ovenbird.*
- J. DAVID LIGON, Department of Biology, Idaho State University, Pocatello, *Breeding Behavior of the Elf Owl, Micrathene whitneyi.*
- BERTRAM G. MURRAY, JR., Museum of Zoology, The University of Michigan, Ann Arbor, *The Territorial Relationship of the Le Conte's Sparrow and the Sharp-tailed Sparrow.*
- R. D. CURNOW, F. A. GLOVER, and F. W. WHICKER, Colorado Cooperative Wildlife Research Unit and Department of Radiation and Radiation Biology, Colorado State University, Fort Collins, *Uptake, Excretion, and Distribution of Zinc-65 by the Mallard.*

WEDNESDAY AFTERNOON SESSION

CONCURRENT SESSION I

- KENNETH E. STAGER, Los Angeles County Museum, Los Angeles, *Olfactory Perception in Honey Guides of the Genus Indicator.*
- JOEL CRACRAFT, Department of Biological Sciences, Columbia University, New York, N. Y., *The Tertiary History of the Cariamae (Gruiformes), with Particular Reference to the Bathornithidae.*

- ALAN H. BRUSH, Department of Zoology, University of Connecticut, Storrs, *Pigmentation in North American Tanagers.*
- DAVID R. OSBORNE, Kellogg Biological Station, Michigan State University, Hickory Corners, *The Function of the Skin Muscles in Feather Display.*
- WILLIAM GEORGE, Department of Zoology, Southern Illinois University, Carbondale, *The Reduced Outer Primary and its Covert.*
- RICHARD C. BANKS, U. S. Fish and Wildlife Service, U. S. National Museum, Washington, D. C., *Prenuptial Molt in Nuthatches of the Genus Sitta.*
- MICHAEL KENT RYLANDER, Department of Biology, Texas Technological College, Lubbock, *Appendicular Muscles of the Scolopacidae.*
- JAMES C. VANDEN BERGE, Department of Biology, Rochester Institute of Technology, Rochester, New York, *Some Differences in the Pelvic Musculature of the Order Ciconiiformes.*
- PETER L. AMES, Museum of Vertebrate Zoology, University of California, Berkeley, *Syringeal Evidence for Relationships of Thrushes and Old World Flycatchers.*

CONCURRENT SESSION II

- ALLEN KEAST and SUSAN DUNFIELD, Queen's University, Kingston, Ontario, *Adaptive Radiation in Some North American Icteridae.*
- FRANCES C. JAMES, Department of Zoology, University of Arkansas, Fayetteville, *Clinal Size Variation in the Downy Woodpecker in the Eastern United States.*
- RAYMOND A. STEFANSKI, Department of Zoology, University of Toronto, Toronto, Ontario, *An Evaluation of Distress Call Notes of Passerine Birds.*
- E. G. FRANZ SAUER, Department of Zoology, University of Florida, Gainesville, *A Study of Struthionid and Aepyornithid Eggshells.*
- GERALD KAUFMANN, Museum of Natural History, University of Minnesota, Minneapolis, *Pair Formation, Copulation, and Territory in Captive Rails.*
- WALTER P. NICKELL, Cranbrook Institute of Science, Bloomfield Hills, Michigan, *Unusual Nesting Habitats of Three Bird Species in Rondeau Provincial Park, Ontario.*
- R. D. USSER, Rondeau Provincial Park, Morpeth, Ontario, *Birds of Rondeau Provincial Park, Ontario.*
- E. O. HÖHN, Department of Physiology, University of Alberta, Edmonton, *The Breeding Biology of the Red Phalarope.*

THURSDAY MORNING SESSION

- FRED G. EVENDEN and R. C. ERICKSON, The Wildlife Society, Washington, D. C. and Patuxent Wildlife Research Center, Laurel, Maryland, *Bird Conservation Committee Report.*
- HUGH C. LAND, Department of Biological Sciences, Northwestern State College, Natchitoches, Louisiana, *Nest Parasitism of the Striped Cuckoo, Tapera naevia, on the Rufous-breasted Spinetail, Synallaxis erythrothorax.*
- DANIEL S. MCGEEN and JEAN J. MCGEEN, Oakland University, Rochester, Michigan, and Michigan Audubon Society, Dryden, *Additional Cowbird-Host Interactions.*
- HERBERT W. KALE II, Entomological Research Center, Vero Beach, Florida, *The Relationship of Purple Martins to Mosquito Control.*
- JOHN LANE, 1701 Lorne, Brandon, Manitoba, *Hybridism in Eastern and Mountain Bluebirds.*
- FRANK HEPPNER, Department of Zoology, University of California, Davis, *Differential Light Energy Absorption by Black and White Birds and its Relation to Energy Metabolism.*

- D. J. T. HUSSELL, Museum of Zoology, The University of Michigan, Ann Arbor, *Weight Loss during Nocturnal Flight of Migrants at Long Point Lighthouse.*
- DAVID W. JOHNSTON, Department of Zoology, University of Florida, Gainesville, *Fat and Nonfat Components of Palm Warblers Following an Extensive Overwater Flight.*
- J. O. L. ROBERTS, 22 Rowanwood Avenue, Toronto, Ontario, *Differential Fall Migration of Sharp-shinned Hawks.*

THURSDAY AFTERNOON SESSION

- HARVEY I. FISHER, Department of Zoology, Southern Illinois University, Carbondale, *Periodicity of the Return of Juvenile Laysan Albatrosses to the Breeding Colony.*
- ALAN GUBANICH, Department of Zoology, University of Arizona, Tucson, *Drinking Patterns of Desert Birds.*
- PETER W. WESTCOTT, Department of Zoology, University of Florida, Gainesville, *Behavioral Effects of Nestbuilding by Scrub Jays in a Crowded Cage.*
- RODGER TITMAN, Department of Biology, Bishop's University, Lennoxville, Quebec, *Effects of Crowding on the Breeding Behavior of a Population of Mallard Ducks.*
- ROBERT W. STORER, Museum of Zoology, University of Michigan, Ann Arbor, *The Discovery Ceremony and Related Courtship Displays in the Horned Grebe.*
- BILL FORSYTH, Department of Zoology, University of Arkansas, Fayetteville, *Vernal Nocturnal Migration in the Coastal Bend Region of Texas.*
- L. IRBY DAVIS, Box 988, Harlingen, Texas, *The "Black-faced Ant-thrush."*
- BRUCE THORNEYCROFT, Department of Zoology, University of Toronto, Toronto, Ontario, *Call-Notes of the White-Throated Sparrow.*
- FRANK MCKINNEY, Museum of Natural History, University of Minnesota, Minneapolis, *Territorial Behavior of the Shoveler, *Anas clypeata*, as Observed in Flight-Pens.*

SOCIAL EVENTS

The Reception (Courtesy of the Ontario Department of Lands and Forests) and Annual Banquet on Tuesday evening were held at the Royal York Hotel. James L. Baillie served as toastmaster. President Harold Mayfield announced the several awards, presented the Brewster Medal to W. E. Clyde Todd for his book, "Birds of the Labrador Peninsula," and delivered his annual message to the Union. John A. Livingston of the Canadian Broadcasting Corporation introduced Roger Tory Peterson who presented with commentary the excellent film, "The C. B. C.'s Expedition to the Galapagos, 1965."

A "Farewell Party" reception was tastefully staged, with assistance by the Canadian National Sportsmans' Show, on Thursday evening in the Rotunda and the Armor Court of the Royal Ontario Museum.

FIELD TRIPS

On Friday 25 August, three separate field trips proceeded in beautiful weather along the north shore of Lake Ontario east of Toronto between Whitby and Frenchmen's Bay, to the Kortright Waterfowl Park, and to the Niska Waterfowl Research Station west of Toronto.

RESOLUTIONS

The following resolutions prepared by the Resolutions Committee (Douglas Lancaster, Wesley Lanyon, and William Behle, Chairman) were adopted by acclamation at the General Session on Thursday afternoon.

Resolution Number 1.—Whereas the American Ornithologists' Union has met for the 85th Stated Meeting at Toronto, Canada, at the invitation of the Royal Ontario Museum, the Department of Zoology of the University of Toronto, the Wildlife Branch of the Ontario Department of Lands and Forests, the Federation of Ontario Naturalists, and the Canadian Audubon Society, and

Whereas the American Ornithologists' Union has utilized the splendid facilities of the Royal Ontario Museum and the Department of Zoology of the University of Toronto and has enjoyed the warm hospitality of all the host organizations, now

Therefore, be it resolved that the American Ornithologists' Union expresses its sincere appreciation to the several sponsoring organizations and particularly to the local committee on arrangements under the efficient chairmanship of Dr. Jon C. Barlow, and

Be it further resolved that the American Ornithologists' Union extends its warm regards to Canadians in general on the occasion of their Centennial year.

Resolution Number 2.—Whereas the island of Aldabra north of Madagascar in the western Indian Ocean has a unique and endemic fauna of birds and reptiles that includes a giant tortoise, a drongo, a flightless rail, and several other bird species as well as large populations of sea-birds, and

Whereas Aldabra represents the last coral atoll in the Indian Ocean with an undisturbed fauna, flora, and geology, and

Whereas this community is threatened by an Anglo-American military and communications installation, and

Whereas alternative sites for such an installation are available in the western Indian Ocean; now

Therefore, be it resolved that the American Ornithologists' Union expresses its serious concern over the threatened extinction of an unusual fauna and flora.

Be it further resolved that the scientific value of the island as a natural laboratory be brought to the attention of the respective governments involved to avert this needless destruction of a unique biotic community; and

Be it still further resolved that the A.O.U. strongly recommends that an alternative location be sought and used for the proposed military and communications installation.

OFFICIALS OF THE AMERICAN ORNITHOLOGISTS' UNION FOR 1967-68

OFFICERS

	<i>Expiration of Term</i>
Harold F. Mayfield, <i>President</i>	1968
John W. Aldrich, <i>First Vice-President</i>	1968
Eugene Eisenmann, <i>Second Vice-President</i>	1968
L. Richard Mewaldt, <i>Secretary</i>	1968
Burt L. Monroe, Sr., <i>Treasurer</i>	1968
Oliver L. Austin, Jr., <i>Editor of The Auk</i>	1968

MEMBERS OF THE COUNCIL

Elective Members

James L. Baillie	1968
Pierce Brodkorb	1968
Robert J. Newman	1968
Harvey I. Fisher	1969
Philip S. Humphrey	1969
Wesley E. Lanyon	1969
John Davis	1970
Thomas R. Howell	1970
Robert M. Mengel	1970

Society Representatives

Donald S. Farner, Cooper Ornithological Society	1968
W. W. H. Gunn, Wilson Ornithological Society	1968

Past Presidents

Dean Amadon, 1964-66	Ernst Mayr, 1957-59
Herbert Friedmann, 1937-39	Robert Cushman Murphy, 1948-50
Hoyes Lloyd, 1945-48	Austin L. Rand, 1962-64
George H. Lowery, Jr., 1959-62	Alexander Wetmore, 1926-29

A. O. U. COMMITTEES 1967-68

COMMITTEE ON BIOGRAPHY: Daniel L. McKinley, *Chairman*. Hoyes Lloyd, Charles Vaurie, Milton W. Weller.

COMMITTEE ON THE BREWSTER MEMORIAL AWARD: H. B. Tordoff, *Chairman*. John W. Aldrich, Robert M. Mengel, Olin Sewall Pettingill, Jr., Edwin O. Willis.

COMMITTEE ON CLASSIFICATION AND NOMENCLATURE OF NORTH AMERICAN BIRDS: Eugene Eisenmann, *Chairman*. Dean Amadon, Emmet R. Blake, Thomas R. Howell, Ned K. Johnson, George H. Lowery, Kenneth C. Parkes, Robert W. Storer, H. B. Tordoff.

COMMITTEE ON CONSERVATION: Fred G. Evenden, *Chairman*. Ray C. Erickson, Gordon W. Gullion, David B. Marshall, Walter R. Spofford, Alexander Sprunt IV.

EDITORIAL COMMITTEE: Oliver L. Austin, Jr., *Chairman*. Walter J. Bock, William R. Dawson, Eugene Eisenmann, John T. Emlen, Frederick N. Hamerstrom, Jr., William J. Hamilton III, Wesley E. Lanyon, Robert M. Mengel, Kenneth C. Parkes, Theodore D. Sargent, Robert W. Storer.

COMMITTEE ON ENDOWMENT: To be announced.

- COMMITTEE ON FINANCE: Burt L. Monroe, Sr., *Chairman*. Hoyes Lloyd, Cyrus Mark, Robert J. Newman, Melvin A. Traylor.
- INVESTING TRUSTEES: Cyrus Mark, *Chairman*. Turner Biddle, Arlie W. Schorger.
- COMMITTEE ON NOMINATION AND CORRESPONDING FELLOWS: Charles Vaurie, *Chairman*. Emmet R. Blake, George E. Watson.
- COMMITTEE ON NOMINATION OF FELLOWS AND ELECTIVE MEMBERS: George A. Bartholomew, Jr., *Chairman*. Pierce Brodkorb, Robert A. McCabe.
- COMMITTEE ON NOMINATION OF MEMBERS: Stephen Emlen, *Chairman*. James Baird, Andrew J. Berger, Winston W. Brockner, Ernest A. Choate, Charles F. Crabtree, Norman Ford, Patrick J. Gould, Earle R. Greene, George A. Hall, Miss Marie L. Mans, R. Guy McCaskie, Russell E. Mumford, Robert W. Nero, James F. Parnell, Jr., Peter C. Peterson, Jr., Thomas H. Rogers, Stephen M. Russell, Frederic R. Scott, Oliver K. Scott, Henry M. Stevenson, Jerry Strickling, Fred S. Webster, Jr.
- COMMITTEE ON PROGRAM: Ned K. Johnson, *Chairman*. L. Richard Mewaldt, George C. West, Richard L. Zusi.
- COMMITTEE ON PUBLICATIONS: Oliver L. Austin, Jr., *Chairman*. Eugene Eisenmann, Harold F. Mayfield, L. Richard Mewaldt, Burt L. Monroe, Sr., Ralph S. Palmer, Robert W. Storer.
- COMMITTEE ON RESEARCH: Paul H. Baldwin, *Chairman*. Richard C. Banks, J. Bruce Falls, Gordon W. Gullion, Ralph J. Raitt, Allen W. Stokes, Richard L. Zusi.
- COMMITTEE ON STUDENT AWARDS: Stephen M. Russell, *Chairman*. Douglas A. Lancaster, David W. Johnston, William L. Thompson, Jared Verner.
- LOCAL COMMITTEE ON ARRANGEMENTS: Brina Kessel, *Chairman*. George C. West, Dr. and Mrs. Frederick C. Dean, Francis H. Fay, Daniel D. Gibson, George E. Hall III, Mr. and Mrs. Thomas Hering, Laurence Irving, David R. Klein, C. Peter McRoy, Mr. and Mrs. George L. Newell, Mr. and Mrs. Leonard J. Peyton, Ludwig J. Rowinski, L. Gerard Swartz, Mrs. Meriam T. Vogwill, Mrs. Judith S. Weeden, Robert B. Weeden.

TREASURER'S REPORT

FOR THE PERIOD OF AUGUST 1, 1966 TO JULY 31, 1967

INCOME TO ACTIVE FUND

Dues	\$13,470.50
Subscriptions	3,385.00
Sale of back issues of <i>The Auk</i>	1,519.94
Royalties on microfilm of <i>The Auk</i>	128.70
Advertising	913.90
Donations to Active Publication Fund	725.75
Sale of reprints	12.25
Income from General Endowment Fund	5,634.53
Income from Ruthven Deane Fund	286.89
Income from savings account	1,803.97
Income from Goetz Estate	887.87
Refund from Annual Meeting	354.62
Balance in Active Account 1966	6,203.96
	<hr/>
TOTAL INCOME 1966-67	\$35,327.88

DISBURSEMENTS FROM ACTIVE FUND

Manufacture and distribution of <i>The Auk</i>	\$20,791.90
Expenses, Editor of <i>The Auk</i>	558.61
Secretary's expenses	1,400.00
Expenses, Committee on Classification and Nomenclature	1,287.00
Purchase and mailing of back issues	575.88
Stationery, office supplies and maintenance	125.35
Cost of printing and mailing dues notices	356.47
Postage	265.23
Telephone and telegraph	11.90
Annual meetings	836.45
Bank charges	42.82
Membership Committee	13.60
Donation to Internat. Comm. on Zool. Nomenclature	25.00
Donation to Zoological Record	50.00
Assessment, American Ass'n Advancement of Science	20.00
Contribution to General Endowment	3,000.00
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TOTAL DISBURSEMENTS 1966-67	\$29,360.21
BALANCE IN ACTIVE FUND 1967	\$ 5,967.67

SPECIAL FUNDS

Brewster Memorial Fund

Income from investments	\$ 466.00	
To George A. Bartholomew		\$ 434.98
Cost of medal		31.02
	<hr/>	<hr/>
	\$ 466.00	\$ 466.00

Bird Protection Fund

Balance forward	\$ 30.31	
Income from investments	86.52	
Donation	2.00	
International Council for Bird Preservation		\$ 50.00
International Union for Conservation of Nature		25.00
International Wildfowl Research Bureau		25.00
Balance in account		18.83
	<hr/>	<hr/>
	\$ 118.83	\$ 118.83

Educational Fund

Balance forward	\$ 2.04	
Income from investments	252.73	
Memberships for 50 students		\$ 250.00
Balance in account		4.77
	<hr/>	<hr/>
	\$ 254.77	\$ 254.77

General Endowment Fund

Balance forward	\$ 1,045.39
Life Membership Payments	5,135.00
Patronship, Dr. Ormsby Annan	1,000.00
Bequest, Frances A. Cook Estate	100.00

Other donations	731.12	
Transferred from Active Account	3,000.00	
Expenses of Endowment Committee		\$ 26.00
To Investing Trustees		9,000.00
Balance in account		1,985.01
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	\$11,011.51	\$11,011.51
<i>Handbook of North American Birds Fund</i>		
Balance forward	\$ 3,345.11	
Royalties on <i>Handbook</i>	206.25	
Transfer to Regents Research Fund		\$ 1,000.00
Translations		200.00
Supplies		139.49
Balance in account		2,211.87
	<hr/>	<hr/>
	\$ 3,551.36	\$ 3,551.36
<i>Special Publications Fund</i>		
Balance forward	\$ 5,350.81	
Income from investments	324.08	
Sale of <i>Check-lists</i>	1,136.80	
Sale of <i>Proceedings</i>	402.00	
Sale of other publications	246.40	
Mailing of publications by printer		\$ 89.15
Storage charges		36.00
Balance in account		7,334.94
	<hr/>	<hr/>
	\$ 7,460.09	\$ 7,460.09
<i>Ornithological Monographs Fund</i>		
Balance forward	\$19,170.10	
Sale of monographs	2,337.22	
Donation from Marcia B. Tucker	5,000.00	
Editor's expenses		\$ 273.25
Production costs		3,543.15
Mailing of publications by printer		145.70
Transferred to Merged Assets Account		5,000.00
Balance in account		17,545.22
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	\$26,507.32	\$26,507.32
<i>Marcia B. Tucker Fund</i>		
Donation from Mrs. Tucker	\$ 500.00	
1967 Awards:		
Sidney A. Gauthreaux		\$ 175.00
Billy J. Forsyth		170.00
David R. Osborne		100.00
Joel Cracraft		55.00
	<hr/>	<hr/>
	\$ 500.00	\$ 500.00
<i>Van Tyne Memorial Fund</i>		
Balance forward	\$.22	
Income from investments	538.86	

1967 Awards:

Gary D. Schnell	\$ 260.00
Amadeo M. Rea	160.00
H. H. Shugart, Jr.	115.00
Balance in account	4.08
	<hr/>
	\$ 539.08
	\$ 539.08

CLOSING BALANCES

Active Account	\$ 5,967.67
Bird Protection Fund	18.83
Educational Fund	4.77
General Endowment Fund	1,985.01
<i>Handbook</i> Fund	2,211.87
Special Publications Fund	7,334.94
<i>Ornithological Monographs</i> Fund	17,545.22
Van Tyne Memorial Fund	4.08
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TOTAL	\$35,072.39
Checking Account, Liberty National Bank and Trust Co., Louisville, Ky. ...	\$ 1,158.92
Uninvested cash, National Boulevard Bank of Chicago, Illinois	913.47
General Finance Corporation Variable Demand Note No. 347	33,000.00
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	\$35,072.39

July 31, 1967

BURT L. MONROE, SR., *Treasurer*