

Time and activity budget of a female Osprey nesting in northwestern California, by Howard Levenson.

Cost/benefit analysis of Mountain Bluebird foraging tactics, by Harry W. Power.

Dominance, territoriality, and energetics of some tropical hummingbirds, by F. Gary Stiles.

NOMINEES FOR THE BOARD OF DIRECTORS

The Nominating Committee appointed by the Board of Directors, consisting of B. B. DeWolfe, Robert T. Orr, and Robert W. Storer (Chairperson), proposes to the C. O. S. electorate for 3-year terms on the Board of Directors: *Joseph R. Jehl*, *Dennis M. Power*, and *Peter Stettenheim*. They will replace retiring directors E. N. Harrison, S. M. Russell, and K. E. Stager. Procedures for election of directors may be found in the C. O. S. Bylaws (Condor 69: 613-620).

C. O. S. TREASURER MOVES

Payments for dues and *Condor* charges, and notices of change of address should be sent to Jane R. Durham, Treasurer of the C. O. S., at her new address: P. O. Box 520, Tempe, Arizona 85281.

OFFICERS OF THE SOUTHERN DIVISION OF C. O. S.

At the meeting on 29 May, 1975, the following officers of the Southern Division were elected: James R. Northern, President; Luis F. Baptista, 1st Vice-president; Barbara Massey, 2nd Vice-president; Lloyd F. Kiff, Secretary.

AMERICAN ORNITHOLOGISTS' UNION NEWS

At the 93rd Stated Meeting of the A. O. U., held in Winnipeg, Manitoba, August 25-29, 1975, the following officers were elected: John T. Emlen, President; Wesley E. Lanyon, 1st Vice-president; Kenneth C. Parkes, 2nd Vice-president; George E. Watson, Secretary; John A. Wiens, Treasurer.

Alexander Wetmore was elected Honorary President. The Brewster medal for meritorious work on birds of the Western Hemisphere was awarded to Jürgen Haffer. The Coues Awards for contributions that have had important impacts on the study of birds within the Western Hemisphere were given to Walter Bock, Richard F. Johnston, and Robert K. Selander. Bernard Rensch of Germany was elected as an Honorary Fellow. Phillip A. Clancy (South Africa), Kai Curry-Lindahl (Sweden), Eberhard Gwimmer (Germany), Colin Pennycuik (United Kingdom), and William H. Phelps, Jr. (Venezuela) were elected Corresponding Fellows.

In 1976, the A. O. U. will hold its annual meeting at Haverford College, Haverford, Pennsylvania, August 9-13.

WALTER J. BRECKENRIDGE HONORED

The administrative board of the Cornell University Laboratory of Ornithology presented the 1975 Arthur A. Allen Award to Walter J. Breckenridge at a dinner in his honor on October 4. Breckenridge spent most of his long career in association with the James Ford Bell Museum of Natural History at the University of Minnesota. He was cited for "his talent for interpretation, his artistic taste and his scientific soundness (which) have left an indelible imprint on the museum—a legacy of ongoing instruction to countless people."

PEREGRINE BIBLIOGRAPHY

The U. S. Fish and Wildlife Service is compiling a bibliography with abstracts of English language literature, both books and periodical, on the Peregrine Falcon (*Falco peregrinus*). Authors who wish to have their articles included in this work should send two reprints, copies, or abstracts to the senior author, Dr. Richard D. Porter, I. F. & R. E. S. Shrub Lab, 735 North 500 East, Provo, Utah 84601. Articles in which the Peregrine Falcon is mentioned but is not the main subject, and articles in foreign languages with English summaries are also wanted.

REQUESTS

Eskimo Curlew skeletons.—Were none saved? I would appreciate information on the location of skeletal material of this species, other than that in the U. S. National Museum, the Museum of Comparative Zoology, or the Peabody Museum. J. G. Strauch, Jr., Museum of Zoology, The University of Michigan, Ann Arbor, Mich. 48109.

Pictures of Central American animals.—Interpretive programs for several pilot national parks in Guatemala are being planned by the Guatemalan National Institute of Forestry, the Food and Agricultural Organization of the United Nations, and U. S. Peace Corps Volunteers. Pictures of native birds and mammals are wanted for use in displays and interpretive publications to educate the public about national parks and the need for conservation. Photographs, paintings, and line drawings, both monochrome and color, of good reproducible quality are desired, and will be returned if so requested. Gifts or loans of such pictures from North American naturalists will provide valuable support to the pioneer conservation program of a developing nation. For a list of species of which pictures are especially wanted, write to: Mrs. Cheri Pancake, c/o Steve Grossman, Peace Corps, ACTION, Washington, D. C. 20525. Pictures that are sent to this address will be forwarded by diplomatic pouch to ensure their safe arrival.

SELECTED RECENT PUBLICATIONS

A new genus and species of bird from the island of Maui, Hawaii (Passeriformes: Drepanididae).—Tonnie L. C. Casey and James D. Jacobi. 1974. Occasional Papers of Bernice P. Bishop Museum, Honolulu, Hawaii, 24 (12): 215-226. \$2.00. Available: B. P. Bishop Museum, P.O. Box 6037, Honolulu, HI 96822. This paper presents a description of *Melamprosops phaeosoma* and a brief discussion of its affinities, habits, and implications for conservation.

Checklist of the Birds of Australia. Part 1 Non-Passerines.—H. T. Condon. 1975. Royal Australasian Ornithologists Union, Melbourne. 311 p. \$A10.50. Available: R.A.O.U., GPO Box 5236BB, Melbourne, Vic. 3001, Australia. This list supersedes the second edition of the *Official Checklist* (1926) and its supplements as a standard reference for the nomenclature and range of Australian non-passerines—living, fossil, and introduced. Subspecies are taken into account for the first time and geographical distribution is treated in much greater detail than before. Synonymies for genera and species are given. The book includes lists of references, a gazetteer, and indexes of common and scientific names. Although this work will be used primarily by taxonomists, it is to

be hoped that it will also help to achieve more agreement among users of vernacular names.

Avian Biology. Volume V.—Edited by Donald S. Farner and James R. King. 1975. Academic Press, New York. 523 p. \$49.50. This volume, the concluding one of the series, includes chapters on mechanics of flight (C. J. Pennycuik), control and metabolic physiology of migration (Peter Berthold), orientation and navigation (Stephen T. Emlen), circadian and circannual rhythms (Eberhard Gwinner), vocal behavior (Fernando Nottebohm), incubation (Rudolf Drent), and zoogeography (François Vuilleumier). The entire multivolume work constitutes an authoritative, advanced-level reference for modern information and ideas on avian biology.

Minnesota Birds/Where, When, and How Many.—Janet C. Green and Robert B. Janssen. 1975. University of Minnesota Press, Minneapolis. 217 p. \$9.75. This is a compendium on the distribution, migration, and seasonal status of Minnesota birds, now totalling 374 species. A short but informative chapter reviews the geography and ecology of the State's birdlife. Records have been critically and concisely presented in the species accounts and distribution maps. Just as Roberts's *The Birds of Minnesota* was an exemplary state bird book for its day (1932), so the present book does an excellent job of summarizing present knowledge.

The Flight of Birds/The Significant Dimensions, Their Departure from the Requirements for Dimensional Similarity, and the Effect on Flight Aerodynamics of that Departure.—Crawford H. Greenewalt. 1975. Transactions of the American Philosophical Society, Vol. 65, Pt. 4, 67 p. \$7.00. Available: Amer. Philos. Soc., 104 South Fifth St., Philadelphia, PA 19106. Include handling charge of \$.50 per copy for U.S. orders, \$1.00 for foreign orders. This monograph examines the aerodynamical dimensions of birds that depart from the rules for dimensional stability, chiefly the weight/wing area relationship. The dimensional anomalies, which are most extreme in hummingbirds, are related to the life styles of particular species. Technical data from many sources are mustered in an impressive fashion, yet the writing is personal and related to living birds.

North American Game Birds of Upland and Shoreline.—Paul A. Johnsgard. 1975. University of Nebraska Press, Lincoln. 183 p. \$6.95. "This book is intended as a guide to the more common species of American game birds, fuller than the typical barebones field guides but less detailed than a full-scale monographic treatment. The capsule summary for each species includes information on identification of the species and determination of its age and sex, a statement of its geographic range, and a brief review of the species' biology" (Preface). Tables of weights, distribution maps, attractive line drawings, photographs, keys to identification, and a list of references are also included.

Flamingos.—Edited by Janet Kear and Nicole Duplaix-Hall. 1975. T. & A. D. Poyser, Ltd., Berkhamsted, England. 246 p. £8.00. This book is a collection of papers first presented at the International Flamingo Symposium held at the Wildfowl Trust, Slimbridge, in 1973. The chapters deal with the populations, ecology, and conservation of all six spe-

cies; the capture and care of flamingos; and the behavior, taxonomy, carotenoid metabolism, dietary requirements, and pathology of these birds. Several appendices summarize additional information. Many distribution maps, drawings, diagrams, and photographs are provided throughout. Although the papers are uneven, they give a fairly detailed review of the current status and knowledge of flamingos. The book will advance the research, management in captivity, and conservation of these birds.

Birds of Australia.—J. D. Macdonald. 1973. A. H. & A. W. Reed, Sydney. 552 p. \$34.50. Available: Charles E. Tuttle Co., Rutland, VT 05701. This handbook contains 745 species accounts, each with entries on field recognition, description, habitat, and status, and in some cases, variation. Families and genera are characterized, and keys are given. In a short introduction, D. L. Serventy discusses the origin and structure of the Australian avifauna. Peter Slater has provided many fine pen-and-ink drawings, 24 color plates, and 300 distribution maps. The book succeeds in providing in one volume a means of identification and a summary of the major information about a great many species of birds.

Reference List of the Birds of the World.—John J. Morony, Jr., Walter J. Bock, and John Farrand, Jr. 1975. Department of Ornithology, American Museum of Natural History, New York. 207 p. \$6.00. Available: Dr. Walter J. Bock, Dept. of Ornithology, Amer. Mus. Nat. Hist., 79th St. at Central Park West, New York City 10024. This is mainly a registry of recent species of birds, using scientific names only and arranged in taxonomic sequence. Appendices provide citations to authorities followed for each family, additional explanations when needed, references to newly described species, and indexes to generic and family-level names. The work is an unbound set of mimeographed pages. Even as a companion to Peters' *Check-list of Birds of the World*, on which it is based, it will be useful to curatorial personnel and others who need a reliable world-wide list of birds.

Salt Glands in Birds and Reptiles.—M. Peaker and J. L. Linzell. 1975. Monographs of the Physiological Society No. 32, Cambridge University Press, Cambridge. 307 p. \$27.50. This book is devoted mostly to avian salt glands—their structure, nervous control, blood flow, secretory mechanism, physiology, and adaptation. The remainder deals with reptilian salt glands and with the evolution of these structures. The authors have succeeded well in providing a comprehensive and critical, yet personal and integrated account of their subject. Their book will be valuable to the zoologists in various disciplines who have studied salt glands and who need to know what each other is doing.

Ornithology from Aristotle to the Present.—Erwin Stresemann. 1975. Harvard University Press, Cambridge, Mass. 432 p. \$20.00. This book portrays for the first time the development of ornithology against its historical background. The observations and achievements of ornithologists are viewed as aspects of their contemporary philosophy, theology, and biology. First published in German in 1951, the work has now been translated and edited. Ernst Mayr has furnished a Foreword and an Epilogue on American

ornithology. Scholarly but not dry, this book should interest biologists in the various fields to which ornithology has contributed.

The Life of Birds, 2nd edition.—Joel Carl Welty. 1975. W. B. Saunders Co., Philadelphia. 623 p. \$18.50. With this revision, Welty has improved and updated what was already one of the best introductory textbooks of ornithology. New material on many subjects, such as respiration, brain structure, temperature control, circadian rhythms, dialects, magnetic sensitivity, and evolution reminds us how much has been learned since 1962, when the first edition of this book was published. A chapter has been added on birds and mankind. This is a readable and attractive text.

Sociobiology/The New Synthesis.—Edward O. Wilson. 1975. Belknap Press of Harvard University Press, Cambridge, Mass. 697 p. \$20.00. This monumental book sets forth the general biological principles

that govern social behavior and social organization in creatures ranging from bacteria and colonial jellyfish to human beings. Concepts and observations from many disciplines have been drawn together in exploring the means by which self-sacrificing behavior, the binding force of animal societies, has evolved through natural selection. The lucid text is generously illustrated with drawings and photographs, and the volume is laid out in a large, yet not wasteful, format.

To Save a Bird in Peril.—David R. Zimmerman. 1975. Coward, McCann & Geoghegan, Inc., New York. 286 p. \$9.95. This book is a collection of ten case histories about new and manipulative methods for saving bird populations that are threatened with extinction. It is a timely account of present-day bird conservation, told accurately and well. Although ornithologists are more or less familiar with the plight of peregrines, whooping cranes, nenes, cahows, and others, they will find details here that are new to them.

THE BULLETIN BOARD

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FOR SALE: "Voices of Neotropical Birds," 33 $\frac{1}{3}$ rpm phono-disc albums containing sounds of more than 50 species of tropical birds, mostly of México and Central America, with biologically oriented commentary by J. W. Hardy. For the serious amateur and student. Newly published. Send check or money order (\$6.00) to ARA Records, 1615 N.W. 14th Ave., Gainesville, Florida 32605.

FOR SALE: Kowa lightweight 20 × 60 binocular, superb condition. Extra custom sunshades. \$30.00 plus 6% sales tax and postage. Rosario Mazzeo, Rt. 1, Box 213, Carmel, Calif. 93921.

FOR SALE: *The Living Bird* 1963–67, \$20; *Western*

Birds 1974, \$4; *Birds of Kentucky*—R. Mengel, \$9; *Hawks, Owls and Wildlife*—Craigheads, \$4; *Ornithology in Lab and Field*, 4th ed., 1970—Pettingill, \$10. Shipping extra. Carl A. Tomasi, 158 Concord Rd., Apt. D20, Billerica, MA 01821.

FOR SALE: Best ornithological library in Texas; suitable for university or similar institution; practically all state books including early issues; nearly all foreign countries; approximately 500 titles; original issues of Bent (all bound); all volumes of Peters Check-list; complete issues of *Condor*; detailed list on request; bookstore listed value over \$5,000; sale at large discount. Col. L. R. Wolfe, P. O. 11, Kerrville, Texas 78028.

WANTED: *Condor*, Vol. 1–41; *Wilson Bulletin*, Vol. 63 and any prior to Vol. 51; *Bird-Banding*, Vol. 1–6, 22, 29, 33. State price and condition. W. A. Carter, Rt. 6, Box 63, Ada, Oklahoma 74820.

WANTED: *The Living Bird*, Vol. 1 (1962) in good condition. C. F. Thompson, Department of Biology, State University College, Geneseo, NY 14454.