THE LUMINESCENCE OF BIOLOGICAL SYSTEMS

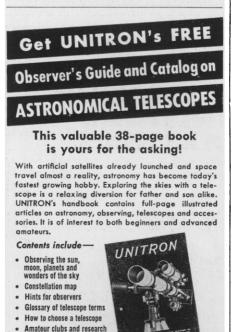
edited by Frank H. Johnson

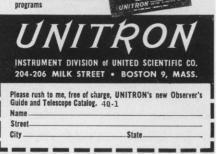
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"The recent rapid development of bio-luminescence is well illustrated by the book and it should hasten the transition of the field from a highly specialized area to one having many points of contact with other parts of both physiology and chemistry." American Scientist, Autumn 1956.

The volume includes papers and discussion on fundamental aspects of "cold light" given at a recent international conference. Leading investigators provide a critical evaluation of current knowledge while exploring approaches to unsolved problems. The free interchange of ideas in the discussions intensifies the stimulating nature of the book.

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Wildlife Management Institute

The Wildlife Management Institute, a recent affiliate of the American Association for the Advancement of Science, was established in 1946, but its program has been continuous since 1911, when the American Game Protective and Propagation Association was established to promote better game laws and wildlife restoration through the artificial propagation of game. As new concepts developed, that program was expanded and amplified, and succeeding reorganizations became necessary in order to broaden the scope and magnitude of the work.

Since 1946, the institute's program has embraced all phases of conservation, improved management, and proper utilization of natural resources and has included the fostering of research and field investigations through the issuance of a limited number of graduate fellowships and grants-in-aid each year for specialized work in the natural sciences.

The institute sponsors and conducts the annual North American Wildlife Conference, the largest conservation meeting of its kind in the Western Hemisphere, which is attended by representatives from practically every major conservation organization, from many scientific societies and educational institutions, and from most of the state, provincial, federal, and dominion naturalresource agencies in the United States, Canada, and Mexico. These yearly conferences, if one includes the American Game Conferences-the name by which they were originally known-date back to 1915. The general and technical sessions are open to the public without a registration fee, and the published Transactions, which are made available at cost. are used widely as reference books in many colleges and universities and by scientific workers in the fields of biology, ecology, soil and water conservation, wildlife management, and forestry.

The institute also publishes carefully selected authoritative books on wildlife, principally monographs on birds and mammals, that have been written by leading authorities in those fields. These are priced as low as possible consistent with high standards of literary quality.

The institute maintains a staff of highly trained field representatives which works closely with the various governmental conservation agencies and private organizations at state, regional, and federal levels. Aside from their staff assignments, all of these technicians conduct important research on major biological problems in their respective territories. Two Canadian wildlife research stations, also staffed with biologists of the highest caliber, are operated by the institute—the Delta Waterfowl Research Station in Manitoba and the Northeastern Wildlife Station at the University of New Brunswick in Fredericton. Independent research is performed by the permanent staffs of these stations, and, in addition, they serve as outdoor laboratories for training graduate students in the wildlife profession.

Since the inception of the Cooperative Wildlife Research Unit Program in 1935, the institute has been one of the four "cooperators"; the others are the U.S. Fish and Wildlife Service, the state conservation agency, and the land-grant college or university at which the unit in question (there are 16 of them) is located. Like the institute's Canadian stations, these units train graduate students, and the unit leaders carry on continuing research of a special or long-term nature.

The institute is a nonprofit, tax-exempt membership organization governed by a board of directors under the chairmanship of Egbert C. Hadley of Middlebury, Vermont. Ira N. Gabrielson, its president, is a former director of the Bureau of Biological Survey and U.S. Fish and Wildlife Service. He is an internationally known conservationist and ornithologist and the author of many articles and books in these fields. C. R. Gutermuth, the vice president and secretary, is the institute's representative to the AAAS Council.

C. R. GUTERMUTH

Wildlife Management Institute, Washington, D.C.

Forthcoming Events

June

1-3. Evolution, symp., annual, Saskatoon, Saskatchewan, Canada. (Mrs. L. C. Metivier, Royal Soc. of Canada, Natl. Research Bldg., 100 Sussex Dr., Ottawa.)

1-4. American Dermatological Assoc., Atlantic City, N.J. (W. M. Sams, 25 Southeast Second Ave., Miami, Fla.)

1-4. Spectroscopy, 10th annual symp., Chicago, Ill. (G. W. Bailey, Borg-Warner Research Center, Des Plaines, Ill.)

1-5. International Silk Assoc., cong., Munich, Germany. (H. Bonvallet, 25, Place Tolozan, Lyon 1, France.)
1-6. International Commission for

1-6. International Commission for Northwest Atlantic Fisheries, 9th annual (by invitation), Montreal, Canada. (ICNAF, Forest Bldg., Carlelon St., Halifax, Nova Scotia.)

2-6. American Rheumatism Assoc., Washington, D.C. (E. F. Hartung, 580 Park Ave., New York 21.)

2-6. Rheumatic Diseases, 2nd Pan American cong., Washington, D.C. (R. T. Smith, West Point, Pa.)

3-5. Cellular Aspects of Immunity, symp. (by invitation), Royaumont (near Paris), France. (G. E. W. Wolstenholme, Ciba Foundation, 41 Portland Pl., London, W.1, England.)

3-7. American Assoc. of Bioanalysis, Cincinnati, Ohio. (L. D. Hertert, 490 Post St., Room 1049, San Francisco 2.) 3-7. American College of Chest Physi-

cians, Atlantic City, N.J. (M. Kornfeld, 112 E. Chestnut St., Chicago, Ill.)

3-10. Quantitative Biology, symp., 24th, Cold Spring Harbor, N.Y. (M. Demerec, Director, Biological Lab., Cold Spring Harbor, N.Y.)

4. Fine Structure as Related to Absorption, Synthesis and Transport in the Gastrointestinal Tract, symp., Atlantic City, N.J. (E. C. Texter, Gastroenterology Research Group, Medical School, 303 E. Chicago Ave., Northwestern Univ., Chicago 11, Ill.)

4. Petroleum Geochemistry, symp., New York, N.Y. (E. G. Baker, Esso Research and Engineering Co., P.O. Box 51, Linden, N.J.)

4-5. American Geriatrics Soc., Atlantic City, N.J. (R. J. Kraemer, 2907 Post Rd., Warwick, R.I.)

4-6. Endocrine Soc., 41st annual, At-lantic City, N.J. (H. H. Turner, 1200 N. Walker, Oklahoma City, Okla.)

4-7. American Medical Womens Assoc., Atlantic City, N.J. (Miss L. T. Majally, 1790 Broadway, New York 19.)

4-7. American Therapeutic Soc., At-lantic City, N.J. (O. B. Hunter, Jr., 915 19 St., NW, Washington 6.)

4-9. Electrolytes, intern. symp., Trieste, Italy. (Societa Italiana per il Progresso delle Scienze 7, Rome, Italy.)

5-7. American College of Angiology, 5th annual, Atlantic City, N.J. (A. Halpern, 11 Hampton Court, Great Neck, N.Y.)

5-7. American Gastroenterological Assoc., and American Gastroscopic Soc., annual, Atlantic City, N.J. (H. M. Pollard, University Hospital, Ann Arbor, Mich.)

6. American Acad. of Tuberculosis Physicians, Atlantic City, N.J. (O. S. Levin, P.O. Box 7011, Denver 6, Colo.)

6. International Cardiovascular Soc. (North American Chapter), Atlantic City, N.J. (P. T. DeCamp, 3503 Prytania St., New Orleans, La.)

6-7. American Diabetes Assoc., Atlantic City, N.J. (E. Paul Sheridan, 1 E. 45 St., New York 17.)

6-7. Society of Investigative Dermatology, Inc., 20th annual, Atlantic City, N.J. (H. Beerman, 255 S. 17, Philadelphia 3.)

6, 20, and 27. Recent Advances in Medical Technology, symp., Staten Island, N.Y. (N. Colosi, Wagner College, Staten Island, N.Y.)

7-11. American Soc. of Heating and Air Conditioning Engineers, semi-annual, Vancouver, B.C., Canada. (A. V. Hutchinson, ASHACE, 62 Worth St., New York 13.)

7-13. Fertility and Sterility, 3rd world cong., Amsterdam, Holland. (W. W. Williams, 20 Magnolia Terrace, Springfield, Mass.)

8-12. American Medical Assoc., Atlantic City, N.J. (F. J. L. Blasingame, 535 N. Dearborn St., Chicago 10, Ill.)

8-12. Association for Research in Ophthalmology, Inc., Atlantic City, N.J. (L. V. Johnson, 10515 Carnegie Ave., Cleveland 6, Ohio.)

(See issue of 17 April for comprehensive list)

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