

Meetings

Fifteenth International Congress of Zoology

The 15th International Congress of Zoology, under the able chairmanship of Sir Gavin de Beer, was recently completed. More than 1900 members of various branches of animal science gathered on 16 July at the Albert Hall in London to hear Sir Julian Huxley deliver the opening lecture, celebrating the centennial of Darwin's and Wallace's momentous contributions. It was altogether fitting that the surviving grandchildren of both illustrious zoologists could be present.

Sectional meetings of the congress were held in the British Museum of Natural History, the Imperial College of Engineering, and the Royal Geographical Society. Gracious hospitality was afforded by the University of London, the Zoological Society, the Palaeontology Association, the Wellcome Historical Medical Museum, the Royal Photographic Society, and many others. A great deal of hard work was done by the British hosts and their numerous committees, headed by Sir Alister Hardy, C. F. A. Pantin, H. R. Hewer, and N. D. Riley. Arrangements were made for unusually interesting symposia; for expeditions to the Linnean Society, to Downe House, and to the Whipsnade Zoo; for receptions at the Zoological Gardens and the Natural History Museum; and for a concert of the London Philharmonic Orchestra under the direction of Sir Adrian Boult. Delegates and members from all over the world were greeted personally by the British Home Secretary, Viscount Hailsham.

Taxonomists will be heartened to learn of the progress made by the International Commission for Zoological Nomenclature—progress which has led to the establishment of a permanent body to consider conflicts in terminology and classification. A heavy program of taxonomic recommendations and changes was accomplished in the week preceding, and during the congress. Nevertheless, the numerous wrangles over minutiae of nomenclature must have caused Darwin to turn over in his grave. Experimental zoologists seem to prefer to go calmly ahead, leaving systematics to a vociferous minority.

Scientific highlights included symposia on the "Biology of Whales," "Geographical Speciation," and "Behavioral Ecology" and what was described as a scintillating paper, by J. Millot of Madagascar, on the "Anatomy of the coelacanth *Latimeria chalumnae* Smith." There were well-planned sessions on the teaching of zoology in different parts of

the British Empire and in European countries and outstanding sessions on paleozoology, osmoregulation, neurosecretion, and the ancestry of man. A series of papers dealing with publications in zoology was somewhat lacking in intellectual content and offered no forward thinking on how to simplify the vast maze of biological literature. Contributors went to some pains to explain how good their journals had been for the past 50 to 80 years.

In comparing this congress with the preceding one, held 5 years ago in Denmark, I see improvement in quality and in quantity. However, the "state of the art" is not wholly satisfactory. As the retiring president, Rudolf Spärck, pointed out in 1953, "general congresses have their place as well as specialized ones." But one might point out that most of the papers were either too general or too specialized to draw more than 20 to 40 in an audience at one time. Indeed, many talks were more sparsely attended. One can ask why. It is perhaps because zoology is so much a personal and individualistic pursuit of knowledge. A sense of wonderment at the prodigality of nature seems to have precluded intellectual content to some extent. Such a view still favors descriptive science over experimental. Most papers dealt overwhelmingly with the past, such as that on jaw articulation in Mesozoic mammals. Only approximately 15 percent dealt with what might be called zoology of the future.

There was an excellent rotational program of biological motion pictures, presented each day. Interesting documentary films were shown on the life of seals, the life of termites, the life of Linnaeus, whaling in the Faeroes, insect parasitology, African turtles, egg temperature experiments on nesting herring gulls, the social life of monkeys, the Galapagos Islands, the wild cattle of Cambodia, and other fascinating subjects.

A delegation headed by E. Witschi of the University of Iowa extended an invitation to hold the congress in 1963 in the United States. It was announced by Sir Gavin de Beer, for the Permanent Committee on International Congresses of Zoology, that this invitation had been accepted.

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Microscopy and Microradiography

The second International Symposium on X-ray Microscopy and X-ray Microanalysis will be held at the Karolinska Institutet in Stockholm, Sweden, 15–17 June 1959. The symposium will be divided into three main sessions devoted to the use of absorption, emission, and diffraction of x-rays as microanalytical

tools. These sessions will be subdivided into instrumentation and, according to the type of application, into biological and nonbiological applications. Thus contributions will be welcomed from a variety of research fields, ranging from pure instrumentation in x-ray microscopy and microanalysis to the application of x-ray microanalytical methods in biology, geology, medicine, metallurgy, and other fields. At the end of each main session there will be a panel discussion to summarize the recent advances and to assess future developments.

The allotment of time for each contributed paper will be 15 minutes, including discussion. Papers should be presented in English, French, or German. Titles must reach the symposium office not later than 1 December. The deadline for submission of abstracts for publication in the program is 15 February 1959. Correspondence should be addressed to: Second Symposium on X-ray Microscopy and X-ray Microanalysis, Dr. G. Höglund, Institutionen för Medicinsk Fysik, Karolinska Institutet, Stockholm 60, Sweden.

Forthcoming Events

November

27–29. Central Assoc. of Science and Mathematics Teachers, 58th annual, Indianapolis, Ind. (N. G. Sprague, Indianapolis Public Schools, 1644 Roosevelt Ave., Indianapolis 18.)

28–6. International Conf. of Social Work, 9th intern., Tokyo, Japan. (J. R. Hoffer, Intern. Conf. of Social Work, 345 East 46 St., New York 17, N.Y.)

30–5. American Soc. of Mechanical Engineers, 79th annual, New York, N.Y. (O. B. Schier, ASME, 29 W. 39 St., New York 18.)

December

1–3. American Soc. of Refrigerating Engineers, New Orleans, La. (R. C. Cross, ASRE, 234 Fifth Ave., New York 1.)

1–4. Entomological Soc. of America, Salt Lake City, Utah. (R. H. Nelson, 1530 P St., NW, Washington, D.C.)

1–5. American Rocket Soc., 13th annual, New York, N.Y. (A. F. Denham, 925 Book Bldg., Detroit 26, Mich.)

1–5. National Power Show, New York, N.Y. (O. B. Schier, II, ASME, 29 W. 39 St., New York 18.)

2. Scientific Study of Glass, 11th technical meeting of the European Union, Paris, France. (Société française de céramique, 44, rue Copernic, Paris 16^e.)

2–4. Electric Steel Furnace Conf., 17th, Cleveland, Ohio. (E. O. Kirkendall, AIME, 29 W. 39 St., New York 18.)

2–5. American Medical Assoc., clinical meeting, Minneapolis, Minn. (G. F. Lull, 535 N. Dearborn St., Chicago, Ill.)

3. Animal Care Panel, 9th annual, Chicago, Ill. (R. J. Flynn, Argonne Natl. Laboratory, Lemont, Ill.)

3–5. American Inst. of Electrical En-

gineers, St. Petersburg, Fla. (N. S. Hibsham, AIEE, 33 W. 39 St., New York 18.)

3-5. Eastern Joint Computers Conf., Philadelphia, Pa. (G. W. Bailey, IRE, 1 E. 79 St., New York 21.)

3-5. Global Communications, 2nd natl. symp., St. Petersburg Beach, Fla. (M. R. Donaldson, 1501 72 St. N., St. Petersburg.)

4-5. Vehicular Communications, annual, Chicago, Ill. (G. W. Bailey, IRE, 1 E. 79 St., New York 21.)

5-7. American Psychoanalytic Assoc., New York, N.Y. (J. N. McVeigh, APA, 36 W. 44 St., New York 36.)

6. American Rheumatism Assoc., Rochester, Minn. (E. F. Hartung, ARA, 580 Park Ave., New York, N.Y.)

6-11. American Acad. of Dermatology and Syphilology, Chicago, Ill. (R. R. Kierland, Mayo Clinic, Rochester, Minn.)

7-10. American Inst. of Chemical Engineers, annual, Cincinnati, Ohio. (F. J. Van Antwerpen, 25 W. 45 St., New York, N.Y.)

8-10. American Nuclear Soc., winter, Detroit, Mich. (ANS, P.O. Box 963, Oak Ridge, Tenn.)

9-10. Conference on Learning Effectiveness, Univ. of Pennsylvania, Philadelphia, Pa. (Air Force Office of Scientific Research, Air Research and Development Command, U.S. Air Force, Washington 25.)

10-16. American Acad. of Optometry, annual, Boston, Mass. (C. C. Koch, 1502 Foshay Tower, Minneapolis, Minn.)

12-13. Association for Research in Nervous and Mental Disease, annual, New York, N.Y. (R. J. Masselink, 700 W. 168 St., New York 32.)

15-17. American Soc. of Agricultural Engineers, winter, Chicago, Ill. (J. L. Butt, American Soc. of Agricultural Engineers, St. Joseph, Mich.)

15-19. Radiation Biology, 2nd Australian conf., Melbourne, Australia. (J. H. Martin, Physics Dept., Cancer Inst. Board, 483 St. Lonsdale St., Melbourne, Victoria.)

17. Institute of Aeronautical Sciences, Washington, D.C. (R. R. Dexter, IAS, 2 E. 64 St., New York 21.)

18-20. American Physical Soc., Los Angeles, Calif. (K. K. Darrow, APS, Columbia Univ., New York 27.)

26-31. American Assoc. for the Advancement of Science, annual, Washington, D.C. (R. L. Taylor, AAAS, 1515 Massachusetts Ave., NW, Washington 5.)

The following 47 meetings are being held in conjunction with the AAAS annual meeting.

AAAS Committee on the Social Aspects of Science (C. D. Leake, Ohio State Univ. College of Medicine, Columbus, Ohio). 27 Dec.

AAAS Cooperative Committee on the Teaching of Science and Mathematics (J. W. Bucht, Univ. of Minnesota, Minneapolis, Minn.). 28 Dec.

Academy Conf. (J. A. Yarbrough, Meredith College, Raleigh, N.C.). 27-28 Dec.

Alpha Epsilon Delta (M. L. Moore, 7 Brookside Circle, Bronxville, N.Y.). 27 Dec.

American Assoc. of Clinical Chemists

(Miss E. G. Frame, Clinical Center, Natl. Institutes of Health, Bethesda 14, Md.). 29-30 Dec.

American Assoc. of Scientific Workers (R. J. Rutman, 6331 Ross St., Philadelphia 44, Pa.).

American Astronautical Soc. (R. Fleisig, 58 Kilburn Rd., Garden City, N.Y.). 27-30 Dec.

American Geophysical Union (W. E. Smith, AGU, 1515 Massachusetts Ave., NW, Washington 5).

American Meteorological Soc. (K. Spengler, 3 Joy St., Boston, Mass.).

American Nature Soc. (S. Mulaik, Biology Dept., Univ. of Utah, Salt Lake City). 26-30 Dec.

American Physiological Soc. (F. A. Hitchcock, Ohio State Univ., Columbus).

American Political Science Assoc. (E. M. Kirkpatrick, APSA, 1726 Massachusetts Ave., NW, Washington, D.C.). 27 Dec.

American Psychiatric Assoc. (L. J. West, Univ. of Oklahoma School of Medicine, Oklahoma City 4). 27-28 Dec.

American Soc. of Criminology (D. E. J. MacNamara, Dean, New York Inst. of Criminology, Inc., 40 E. 40 St., New York 16). 27-28 Dec.

American Soc. of Naturalists (J. Schultz, Inst. for Cancer Research, Philadelphia, Pa.).

American Soc. of Photogrammetry (R. G. Ray, U.S. Geological Survey, Washington 25). 29 Dec.

American Soc. of Zoologists (G. Moment, Dept. of Biology, Goucher College, Towson, Baltimore 4, Md.). 27-29 Dec.

American Sociological Soc. (K. Davis, Inst. of International Studies, Univ. of California, Berkeley 4). 29 Dec.

Association of American Geographers, Middle Atlantic Div. (J. E. Guernsey, 9707 Parkwood Dr., Bethesda, Md.). 29 Dec.

Association for Computing Machinery (J. Douglas, Mathematics Dept., Rice Inst., Houston, Tex.).

Astronomical League (Miss G. C. Scholz, 410 Mason Hall Apts., Alexandria, Va.). 26 Dec.

Biometric Soc. (J. Cornfield, Johns Hopkins Univ., Baltimore, Md.). 30 Dec.

American Statistical Assoc. (E. Glazer, 305 George Mason Dr., Falls Church, Va.). 30 Dec.

Conference on Scientific Communication Problems (G. L. Seelstad, Technical Reports Group, Applied Physics Lab., Johns Hopkins Univ., Silver Spring, Md.). 28-30 Dec.

Conference on Scientific Manpower (T. J. Mills, National Science Foundation, Washington 25). 30 Dec.

Ecological Soc. of America (D. E. Davis, Johns Hopkins Univ., School of Hygiene, Baltimore, Md.).

History of Science Soc. (M. C. Leikind, 1334 Aspen St., NW, Washington 12). 29 Dec.

Instrument Soc. of America (O. L. Linebrink, Battelle Memorial Inst., Columbus, Ohio). 30 Dec.

International Geophysical Year (H. Odishaw, National Acad. of Sciences, Washington 25). 29-30 Dec.

Junior Scientists Assembly (K. C. Johnson, Supervising Director of Science, Dis-

trict of Columbia Public Schools, Woodrow Wilson High School, Washington 16). 27-28 Dec.

Metric Assoc. (J. T. Johnson, 694 W. 11 St., Claremont, Calif.).

National Acad. of Economics and Political Science (D. P. Ray, Hall of Government, George Washington Univ., Washington, D.C.). 27 Dec.

National Assoc. of Biology Teachers (P. Klinge, Jordan Bldg., Indiana Univ., Bloomington). 26-30 Dec.

National Assoc. for Research in Science Teaching (E. S. Obourn, U.S. Office of Education, Washington 25). 26-30 Dec.

National Assoc. of Science Writers (J. Billard, U.S. News and World Report, Washington, D.C.).

National Geographic Soc. (W. R. Gray, NGS, 16 and M Sts., NW, Washington 6). 30 Dec.

National Science Teachers Assoc. (W. A. Kilgore, District of Columbia Teachers College, Washington 9). 26-30 Dec.

National Speleological Soc. (W. E. Davies, 125 Greenway Blvd., Falls Church, Va.). 28-29 Dec.

Philosophy of Science Assoc. (C. W. Churchman, Case Inst. of Technology, Cleveland, Ohio).

Pi Gamma Mu (Mrs. Effie B. Urquhart, Winfield, Kan.).

Scientific Research Soc. of America (D. B. Prentice, 56 Hillhouse Ave., New Haven 11, Conn.).

Sigma Delta Epsilon (Mrs. V. L. Blackford, 2630 Adams Mill Rd., NW, Washington 10). 26-30 Dec.

Society for General Systems Research (R. L. Meier, Mental Health Research Inst., Univ. of Michigan, Ann Arbor). 29 Dec.

Society for Industrial Microbiology, Washington section (W. N. Ezekiel, Bur. of Mines, Washington 25). 27-28 Dec.

Society of the Sigma Xi (T. T. Holme, 56 Hillhouse Ave., New Haven 11, Conn.). 29 Dec.

Society of Systematic Zoology (G. W. Wharton, Dept. of Zoology, Univ. of Maryland, College Park). 26-30 Dec.

United Chapters of Phi Beta Kappa (C. Billman, 1811 Q St., NW, Washington, D.C.). 27 Dec.

Washington Acad. of Sciences (G. W. Irving, ARS, U.S. Dept. of Agriculture, Washington 25).

27-29. American Economic Assoc., Chicago, Ill. (J. W. Bell, AEA, Northwestern Univ., Evanston, Ill.)

27-29. Econometric Soc., Chicago, Ill. (R. Ruggles, Box 1264 Yale Station, Yale Univ., New Haven, Conn.)

27-30. American Folklore Soc., New York, N.Y. (MacE. Leach, AFS, Univ. of Pennsylvania, Philadelphia, Pa.)

28-30. Archaeological Inst. of America, Cincinnati, Ohio. (L. A. Campbell, AIA, Dept. of Classics, Brooklyn College, Brooklyn, N.Y.)

29-30. National Council of Teachers of Mathematics, New York, N.Y. (M. H. Ahrendt, NCTM, 1201 16 St., NW, Washington 6.)

28-30. Western Soc. of Naturalists, Seattle, Wash. (J. P. Harville, San Jose State College, San Jose 14.)

(See issue of 17 October for comprehensive list)