

# Meetings and Societies

## Junior Academies of Science

A Conference on Junior Academies of Science was held in Chicago, 15-16 Feb. This conference was jointly sponsored by the Academy Conference of the American Association for the Advancement of Science and the Museum Division of the Oak Ridge Institute of Nuclear Studies and was supported by a grant from the National Science Foundation. The undergraduate Division of the University of Illinois, Navy Pier Campus, acted as host.

Seventy-seven persons registered. The first general session was presided over by Dewey Large. It consisted of an address of welcome by Charles C. Caveny, responded to by P. H. Yancey; "Backgrounds and objectives of the conference with respect to junior academies in the American Association for the Advancement of Science" by Thelma C. Heatwole; and a briefing of concurrent sessions by Yancey.

The first general session was followed by a luncheon presided over by Harold W. Bailey. Charles G. Wilder of ORINS introduced the speaker, E. T. McSwain, School of Education, Northwestern University, who spoke on "Opportunities in secondary education."

The second general session was presided over by Yancey. Reports from the concurrent sessions were read and discussed, and the following proposals were made to the Academy Conference.

1) That the encouragement of young people in scientific investigation be the major interest of junior academies of science. This may be accomplished through the presentation of their work in science meetings, exhibits, or fairs, and such other activities as are consonant with the aims of junior academies.

2) That the Academy Conference of the AAAS be requested to establish a national clearinghouse of information for junior and senior academies, with adequate editorial and secretarial staff and necessary services, including publications and/or the use of appropriate existing publications. Furthermore, the Academy Conference is urged to explore ways and means of implementing the employment of a full-time junior academy field worker in each state.

3) That there be an annual meeting of representatives of junior academies. This would be held in conjunction with

the Academy Conference at the AAAS convention.

4) That senior academies give greater recognition to deserving science teachers, and that, where possible and feasible, distinguished service awards be made to outstanding science teachers.

5) That the Academy Conference give suitable and appropriate awards to selected junior academies of science for outstanding performance and achievement.

6) That each junior academy of science be encouraged to develop a constitution and bylaws acceptable to the senior academy.

7) That junior academies should basically represent organizations of science clubs under the sponsorship of senior academies. Further, that the junior academy program should be a year-round activity, with science exhibits forming an integral part of the program.

8) That junior academy regional work conferences be held and that representatives of states not currently represented by junior academies also be invited to attend these conferences to obtain information on junior academies.

9) That a junior academy handbook be prepared and made available to science teachers. Such a handbook should include ideas for projects and for organizing and administering junior academy programs.

10) That the National Science Teachers Association, the National Association of Biology Teachers, and the American Chemical Society be urged to include in their convention programs a session concerned with the activities of junior academies of science.

THELMA C. HEATWOLE  
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Staunton, Virginia

## Oak Ridge Symposium

A symposium on high-energy physics will be held in Oak Ridge, Tenn., 19-24 Aug., under the joint sponsorship of Oak Ridge National Laboratory and the Oak Ridge Institute of Nuclear Studies. The 6-day program will be conducted on an introductory level and will be addressed to scientists who have not previously been working in the field of high-energy, or elementary-particle, physics.

The lectures and conference leaders scheduled to take part in the symposium are Maurice Neuman and L. Alvarez, University of California; Martin Block, Duke University; G. T. Zorn, Brookhaven National Laboratory; A. Pevsner, Johns Hopkins University; Val L. Fitch, Princeton University; and Professor D. T. King, University of Tennessee. Subjects on the program include the theory of elementary particles and their interactions, experiments using the nuclear-emulsion techniques, experiments using bubble chambers, and counter experiments.

In addition to the formal lectures, there will be informal discussions on all aspects of high-energy physics, and the participants will have the opportunity to obtain experience with emulsion-track and bubble-chamber picture-track measurements during the course of the symposium. Further information about the symposium may be obtained by writing the University Relations Division, Oak Ridge Institute of Nuclear Studies, Box 117, Oak Ridge, Tenn.

## Liquid Scintillation Counting

The National Science Foundation has made an award of \$4000 to Northwestern University to support in part the Northwestern University Conference on Liquid Scintillation Counting to be held on 20-22 Aug. at the Technological Institute, Evanston, Ill. The grant will be used to bring five specialists to the conference from England, France, Germany, and the Sarre.

The conference, which has no commercial sponsors, will be the first devoted exclusively to liquid scintillation counting and will cover most phases of the field in theory and applications: coincidence counters, single-channel counters, chemistry of liquid scintillators, and applications in biology and medicine, industry, archeology, physics, chemistry and engineering. Persons interested in giving short papers at the conference are invited to submit abstracts to Dr. F. N. Hayes, Los Alamos, N.M. Other information can be supplied by C. G. Bell, Northwestern University, Evanston, Ill.

## Forthcoming Events

### August

12-16. Canadian Teachers' Federation, annual, Edmonton, Alberta, Canada. (G. G. Croskery, 444 MacLaren St., Ottawa 4, Ont.)

12-18. Theory of Functions, internatl. colloquium, Helsinki, Finland. (B. Eckmann, Ecole Polytechnique, Federale, Zurich, Switzerland.)

12-25. International Soc. of Soil Mechanics and Foundation Engineering 4th Conf., London, England. (A. Banister,

Institution of Civil Engineers, Great George St., London, S.W.1.)

18-21. American Astronomical Soc., Urbana, Ill. (J. A. Hynek, Smithsonian Astrophysical Observatory, 60 Garden St., Cambridge 38, Mass.)

19-21. National Council of Teachers of Mathematics, Northfield, Minn. (M. H. Ahrendt, NCTM, 1201 16 St., NW, Washington 6.)

19-22. American Veterinary Medical Assoc., annual, Cleveland, Ohio. (J. G. Hardenbergh, AVMA, 600 S. Michigan Ave., Chicago 5, Ill.)

19-23. Clay Conf., 6th natl., Berkeley, Calif. (Dept. of Conferences and Special Activities, Univ. of California Extension, Berkeley 4.)

19-23. Clinical Chemistry, 2nd international European cong., Stockholm, Sweden. (K. Agner, Box 12024, Stockholm 12.)

19-23. Plant Science Seminar, 34th annual, Montreal, Quebec, Canada. (F. L. Mercer, St. Louis College of Pharmacy, St. Louis 10, Mo.)

19-24. Finite Groups, internatl. colloquium, Tübingen, Germany. (H. Wielandt, Faculty of Mathematics and Natural Science, Eberhard-Karls-Universität, Tübingen.)

19-24. High Energy Physics Symp., Oak Ridge, Tenn. (University Relations Div., Oak Ridge Inst. of Nuclear Studies, P.O. Box 117, Oak Ridge.)

19-24. New England Assoc. of Chem-

istry Teachers, 19th summer conf., Waterville, Maine. (Rev. J. A. Martus, College of the Holy Cross, Worcester 10, Mass.)

19-24. Origin of Life, internatl. symp., Moscow, U.S.S.R. (G. A. Deborin, Inst. of Biochemistry, U.S.S.R. Acad. of Sciences, B. Kaluzskaya 33, Moscow, B.71.)

20-22. Liquid Scintillation Counting Conf., Evanston, Ill. (C. G. Bell, Jr., Technological Inst., Northwestern Univ., Evanston.)

20-23. Western Electronic Convention, annual, San Francisco, Calif. (D. B. Harris, Electron Tube Research, General Electric Microwave Lab., Palo Alto, Calif.)

21-24. Pi Lambda Theta, New York, N.Y. (C. Johnson, Pi Lambda Theta, 307 Portland Bldg., 1129 Vermont Ave., NW, Washington 5.)

22-5. International Scientific Radio Union, 12th general assembly, Boulder, Colo. (K. A. Norton, Boulder Laboratories, National Bur. of Standards, Boulder.)

24-26. International Soc. for Biological Rhythm, 6th conf., Semmering, Austria. (A. Sollberger, Anatomical Department, Karolinska Institutet, Stockholm 60, Sweden.)

25-27. Pacific Division-AAAS, annual, in conjunction with American Inst. of Biological Sciences, Stanford, Calif. (R. C. Miller, California Academy of Sciences, Golden Gate Park, San Francisco, Calif.)

25-28. American Farm Economic Assoc., natl., Asheville, N.C. (L. S. Hardin, Dept. of Agricultural Economics, Purdue Univ., Lafayette, Ind.)

25-29. American Institute of Biological Sciences, annual, Stanford, Calif. (H. T. Cox, AIBS, 2000 P St., NW, Washington 6.)

The following 28 meetings are being held in conjunction with the AIBS meeting at Stanford, Calif.

American Bryological Soc., annual. (W. C. Steere, Dept. of Biological Sciences, Stanford Univ.)

American Fern Soc., annual. (I. L. Wiggins, Dept. of Biological Sciences, Stanford Univ.)

American Microscopical Soc., annual. (G. M. Smith, Dept. of Biological Sciences, Stanford Univ.)

American Phytopathological Soc., annual (W. B. Hewitt, Dept. of Plant Pathology, Univ. of California, Davis). 26-28 Aug. only.

American Soc. for Horticultural Science, annual. (H. P. Olmo, Dept. of Viticulture, Univ. of California, Davis.)

American Soc. of Human Genetics. (E. J. Gardner, Dept. of Zoology, Utah State College, Logan.)

American Soc. of Ichthyologists and Herpetologists. (W. C. Brown, Menlo College, Menlo Park, Calif.)

American Soc. of Limnology and Oceanography. (D. E. Wohlschlag, Dept. of Biological Sciences, Stanford, Univ.)

American Soc. of Naturalists, annual. (D. Perkins, Dept. of Biological Sciences, Stanford Univ.)

American Soc. of Plant Physiologists, annual. (W. R. Briggs, Dept. of Biological Sciences, Stanford Univ.)

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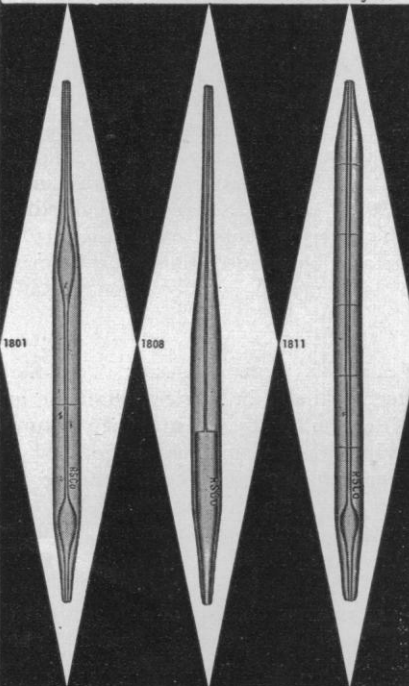


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**AAAS, 1515 Mass. Ave., NW,  
Washington 5, D.C.**

American Soc. of Plant Taxonomists, annual. (I. L. Wiggins, Dept. of Biological Sciences, Stanford Univ.)

American Soc. of Zoologists, annual. (J. F. Oliphant, Dept. of Biological Sciences, Stanford Univ.)

Biometric Soc., WNAR. (D. E. Wohl-schlag, Dept. of Biological Sciences, Stanford Univ.)

Botanical Soc. of America, annual. (W. C. Steere, Dept. of Biological Sciences, Stanford Univ.)

Ecological Soc. of America, annual. (I. L. Wiggins, Dept. of Biological Sciences, Stanford Univ.)

Genetics Soc. of America, annual. (D. Perkins, Dept. of Biological Sciences, Stanford Univ.)

Mycological Soc. of America, annual. (R. M. Page, Dept. of Biological Sciences, Stanford Univ.)

National Assoc. of Biology Teachers. (Miss E. Larson, Box 2841, Carmel, Calif.)

Nature Conservancy, annual. (W. Drake, Canyon, Calif.)

Phycological Soc. of America, annual. (G. F. Papenfuss, Dept. of Botany, Univ. of California, Berkeley 4.)

Sigma Delta Epsilon. (Mrs. C. B. Parker, 7 Lloyd Rd., Malvern, Pa.)

Society for Experimental Biology and Medicine, Pacific Coast Section. (J. P. Baumberger, Dept. of Physiology, Stanford Univ.)

Society of General Physiologists. (D. Mazia, Univ. of California, Berkeley 4.)

Society for Industrial Microbiology, annual. (J. C. Lewis, Agricultural Research Service, USDA, 800 Buchanan St., Albany 10, Calif.)

Society for the Study of Evolution, annual. (R. W. Holm, Dept. of Biological Sciences, Stanford Univ.)

Society of Protozoologists, annual. (J. F. Oliphant, Dept. of Biological Sciences, Stanford Univ.)

Society of Systematic Zoology, Pacific section. (D. P. Abbott, Hopkins Marine Station, Pacific Grove, Calif.)

Western Soc. of Naturalists, annual. (W. M. Hiesey, Carnegie Institution of Washington, Stanford, Calif.)

26-28. Gas Dynamics Symp., 2nd, Evanston, Ill. (A. B. Cambel, Technological Inst., Northwestern Univ., Evanston.)

26-29. Boundary Layer Research, internatl. symp., Freiburg, Breisgau, Germany. (H. Görtler, Mathematisches Institut der Universität, Hebelstrasse 40 Freiburg, Breisgau.)

26-29. Mathematical Assoc. of America, 38th summer, University Park, Pa. (H. M. Gehman, Univ. of Buffalo, Buffalo 14, N.Y.)

26-30. American Mathematical Soc., 62nd summer, University Park, Pa. (J. H. Curtiss, AMS, 190 Hope St., Providence 6, R.I.)

26-30. Infrared Spectroscopy Inst., 8th annual, Nashville, Tenn. (N. Fuson, Infrared Spectroscopy Inst., Fisk Univ., Nashville 8.)

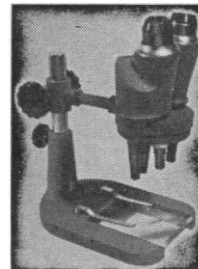
26-31. Low Temperature Physics and Chemistry, 5th internatl. conf., Madison, Wis. (J. R. Dillinger, Dept. of Physics, Univ. of Wisconsin, Madison 6.)

(See issue of 21 June for comprehensive list)

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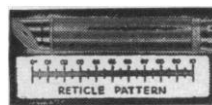
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