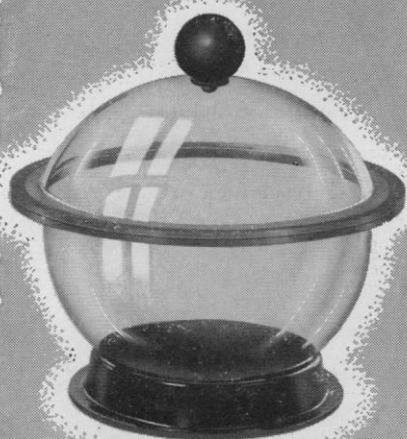


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## Meetings

### Veterinary Public Health Practice

An interprofessional approach to the utilization of veterinary resources in the field of public health will be the theme of a 4-day institute to be convened at the School of Public Health, University of Michigan, 6-9 October. This first Institute on Veterinary Public Health Practice will embrace a comprehensive program that will stress relationships of veterinarians with colleagues operating in other disciplines in human health activities.

The institute will try to answer the following questions. Can the work of public-health veterinarians be used in the many facets of a health department's nursing program? To what extent can veterinarians contribute to our still meager knowledge of radiation hazards? Can the fruits of veterinary research and the competencies of public-health veterinarians be applied effectively to human health fields as diverse as cancer, mental illness, heart disease, industrial hygiene, dental diseases, military medicine, geriatrics?

The institute will also feature separate sessions for five special committees which will meet with participants to discuss the most effective ways of utilizing career public-health veterinarians, private practitioners, regulatory officials, and industrial veterinarians in official and voluntary health programs. One of these committees will consider the entire field of education as related to the concept and practice of veterinary public health.

### Small Angle X-ray Scattering

An International Conference on Small Angle X-ray Scattering from Metals will be held at Midwest Research Institute, Kansas City, Mo., 23-25 September. The program includes ten invited papers, to be given by W. W. Beeman of the University of Wisconsin; A. Guinier of the Conservatoire National des Arts et Métiers, Paris, France; A. Franks of the National Physical Laboratory, Teddington, England; R. Smoluchowski of Carnegie Institute of Technology, Pittsburgh, Pa.; V. Gerold and H. Fricke of the Max Planck Institut für Metallforschung, Stuttgart, Germany; J. C. Grosskreutz and F. R. Rollins of Midwest Research Institute; H. H. Atkinson of Cavendish Laboratory, Cambridge, England; R. E. Smallman, Atomic Energy Research Establishment, Harwell, England; J. S. Koehler, University of Illinois, Urbana; and A. Seeger of the Max Planck Institut für Metallforschung, Stuttgart, Germany. Approximately 40 other participants from laboratories in the United States

and abroad will take part in the discussions.

Arrangements for the conference have been made by a committee under the chairmanship of J. C. Grosskreutz of Midwest Research Institute. Financial support is being provided by the National Science Foundation, the Office of Ordnance Research, the Office of Naval Research, the Wright Air Development Center of the U.S. Air Force, and Midwest Research Institute. The proceedings will be published as a special section of the *Journal of Applied Physics*.

### International Submarine and Space Medicine Conference

An International Symposium on the Ecological Problems Related to Confinement in the True Submersible or Sealed Space Cabin will take place 8-12 September at the U.S. Naval Submarine Base, New London, Conn., under the auspices of the American Institute of Biological Sciences. The meeting is supported by the Advanced Research Project Agency of the Department of Defense.

This symposium, which is unclassified, will bring together international authorities in the field of submarine and space medicine for the purpose of integrating existing knowledge in these two closely related fields of research. It will be the first such international symposium. Foreign participants include: H. Laborit, Paris, France; O. Gauer, Kerckhoff Institute, Bad-Nauheim, Germany; R. Margaria, Physiological Institute, Milano, Italy; Pierre De Jours, Physiological Institute, University of Paris, France; A. Hurtado, Lima, Peru; C. M. Hesser, Karolinska Institute, Stockholm, Sweden; H. Taylor, Royal Naval Physiological Laboratory, Gosport, England; L. C. C. E. Pugh, London, England; F. Verzar, Basel, Switzerland; A. Aschoff, Max Planck Institute, Heidelberg, Germany; and Gunther Lehmann, Max Planck Institute, Dortmund, Germany.

### African Geologists

The Association of African Geological Surveys, whose secretariat is in Paris (20, rue Monsieur), held its biennial meeting in Leopoldville (Belgian Congo) at the end of July under the chairmanship of F. Dixey, director of the Directorate of Overseas Geological Surveys in London. Seventy delegates represented 21 official geological surveys and 14 geological surveys belonging to the leading private companies in Africa.

New geological maps of Africa were presented in draft form at the congress. In addition, the program included a symposium on uranium in Africa. The

association established its future program, which included further work on the publication and revision of the geological maps. The association also plans to prepare a metallogenic map.

## Vertebrate Speciation

A conference on vertebrate speciation will be held at the University of Texas, 27-31 October, as a part of the observance of the university's 75th anniversary. There will be five one-day sessions as follows: "Isolation Mechanisms," moderator, Ernst Mayr; "Evolution of Behavior," moderator, Lester Aronson; "Polymorphism and Polytypic Species," moderator, Lee R. Dice; "Population Dynamics," moderator, Charles M. Bogert; and "Age and Origin of Species," moderator, E. H. Colbert.

The last session will include three visitors from abroad: Gunnar Svardson, Institute of Freshwater Research, Drottningholm, Sweden; M. J. Littlejohn, University of Western Australia; and Curt Kosswig, University of Hamburg. For information, write to Prof. W. Frank Blair, Department of Zoology, University of Texas, Austin 12, Tex.

## Forthcoming Events

### September

23-25. Small Angle X-ray Scattering from Metals, intern. conf., Kansas City, Mo. (O. Fanning, Information Services, Midwest Research Inst., 425 Volker Blvd., Kansas City 10.)

25-26. Effects of Pollution on Living Material, symp., London, England. (D. L. B. Copp, Inst. of Biology, 41 Queen's Gate, London S.D.7.)

26-6. International Council of Scientific Unions, 8th general assembly, Washington, D.C. (W. W. Atwood, Natl. Research Council-Natl. Acad. of Sciences, Washington, D.C.)

28-2. Electrochemical Soc., semianual, Ottawa, Ontario, Canada. (R. K. Shannon, 1860 Broadway, New York 23.)

29-1. Analytical Chemistry in Nuclear Reactor Technology, 2nd conf., Gatlinburg, Tenn. (C. D. Susano, Oak Ridge Natl. Lab., P.O. Box Y, Oak Ridge, Tenn.)

### October

1-8. Speleology, 2nd intern. cong., Bari, Lecce, and Salerno, Italy. (F. Anelli, Castellana-Grotte (Bari), Italy.)

2-3. American Soc. for Quality Control, 2nd chemical div. conf., Buffalo, N.Y. (J. E. Dillman, Hooker Chemical Corp., Niagara Falls, N.Y.)

2-5. International Soc. of Audiology, 4th cong., Padua, Italy. (M. Arslan, 37, via Altinate, Padua.)

2-6. International Soc. of Scientific Unions, 8th general assembly, Washington, D.C. (W. Atwood, Natl. Research Council-Natl. Acad. of Sciences, 2101 Constitution Ave., NW, Washington 25.)

4-8. Hydrology and Climatology, intern. cong., Lacco Ameno and Ischia, Italy. (Segreteria del Comitato Organizzatore, Congresso Internazionale di Idrologia e Climatologia, Viale Castrense, 9, Roma, Italia.)

4-13. International Federation of Agricultural Producers, 10th conf., Brussels, Belgium. (IFAP, 1624 Eye St., NW, Washington, D.C.)

5-8. American Inst. of Mining, Metallurgical, and Petroleum Engineers, fall, Houston, Tex. (E. O. Kirkendall, AIME, 29 W. 39 St., New York 18.)

6-9. Veterinary Public Health Practice, 1st inst., Ann Arbor, Mich. (H. E. Miller, Continued Education, School of Public

Health, Univ. of Michigan, Ann Arbor.)

6-11. Electroencephalographic Study of the Higher Nervous Activity Processes in Animals and Man, colloquium (by invitation), Moscow, U.S.S.R. (Miss Mary A. B. Brazier, Massachusetts Neurophysiological Laboratory, Massachusetts General Hospital, Boston 14.)

7-9. Hypervelocity, 3rd symp., Chicago, Ill., (Air Force Office of Scientific Research, Air Research and Development Command, U.S. Air Force, Washington 25.)

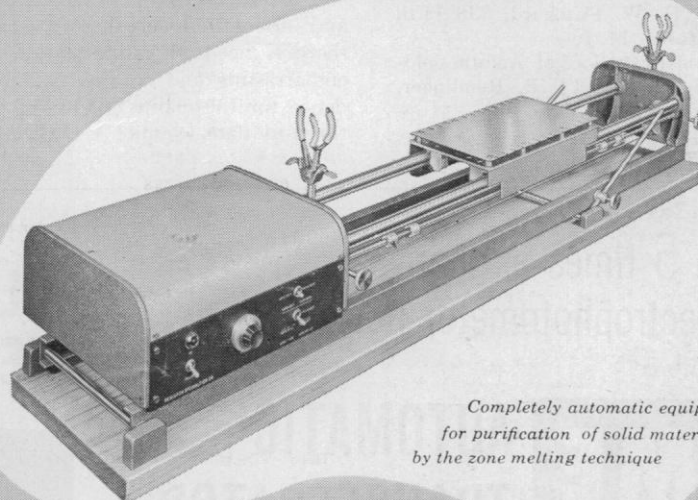
7-9. International Soc. for the History of Pharmacy, cong., Venice, Italy. (A. F. Vitolo, Piazza Carrara 10, Pisa, Italy.)

8-12. Nutrition and Vital Substances,

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4th intern. conv., Essen, Germany (Secretary General, Bemeroder Strasse 61, Hannover-Kirchrode, Germany.)

11-15. Salinity Problems in the Arid Zones, UNESCO symp., Tehran, Iran. (UNESCO, 19, avenue Kleber, Paris 16<sup>e</sup>, France.)

12-17. American Acad. of Ophthalmology and Otolaryngology, Chicago, Ill. (W. L. Benedict, 100 First Ave. Bldg., Rochester, Minn.)

13-15. Association of American Medical Colleges, 69th annual, Philadelphia, Pa. (W. Darley, AAMC, 2530 Ridge Ave., Evanston, Ill.)

13-15. National Electronics Conf., Chicago, Ill. (L. W. Von Tersch, Michigan State Univ., East Lansing.)

13-16. Society of Exploration Geophysicists, 28th annual intern., San Antonio, Tex. (C. C. Campbell, Box 1536, Tulsa 1, Okla.)

13-17. American Soc. of Civil Engineers, annual conv., New York, N.Y. (W. H. Wisely, ASCE, 33 West 39 St., New York 18.)

15-17. American Ceramics Soc., Glass Div., Bedford, Pa. (C. S. Pearce, 4055 N. High St., Columbus 14, Ohio.)

19-22. Land and Water, Soil Conservation Soc. of America, 13th annual, Asheville, N.C. (H. W. Pritchard, 838 Fifth Ave., Des Moines 14, Iowa.)

19-24. American Soc. of Anesthesiologists, Pittsburgh, Pa. (J. E. Remlinger, 802 Ashland Ave., Wilmette, Ill.)

(See issue of 15 August for comprehensive list)

## Letters

### Human Rights and Society

In T. Dobzhansky's article, "Evolution at work" [*Science* 127, 1091 (1958)], which in general I found most interesting and instructive, there appears an incautious phrase or two which stands in need either of clarification or correction. I refer to his brief mention of the relation of biological to cultural evolution, wherein he makes the claims that "all men are equal in rights, but they are most certainly not biologically uniform," and that genetic diversity "does not make some of us superior and others inferior; no human being should ever be used as a means to an end" (1).

The first of these two claims as to the rights of man is rather obviously an assertion more easily stated than demonstrated, and the second claim runs head-on into some of the disturbing practicalities of man's sociocultural existence. I do not wish to belabor my point—in part because I do not believe my own and Dobzhansky's personal sympathies and orientations are too diverse. But there is need to call attention to the embarrassing and readily available evidence for the claims made: in all cultures to date, despite verbalizations at

times to the contrary, men have not had equal rights, and the evidence would seem to indicate that it is rather dubious that such a state could ever be realized in human social affairs. The second claim, that no human being should ever be used as a means to an end, is an expression of an ideal that hardly takes into account the nature of man or of his social existence—past or present, or what conceivably might be realized in the future. Aside from the issue of claims such as these appearing in their unsubstantiated form, it is of interest to note that with such claims, I fear, Dobzhansky tends to place himself in the moral position occupied by Christianity. As Whitehead once said: "a sense of responsibility for the continuance of a social system is basic to any morality. Now this form of responsibility is almost entirely absent from Christianity. Jesus hardly mentions it, except for one or two remarks. . . . A society run on strictly Christian principles could not survive at all" (2).

C. W. HARTWIG

*Department of Economics and Sociology, Alabama Polytechnic Institute, Auburn*

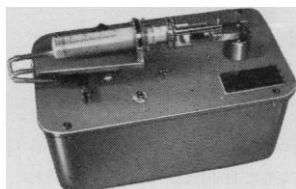
#### References

1. T. Dobzhansky, *Science* 127, 1097 (1958).
2. L. Price, Ed., *Dialogues of Alfred North Whitehead* (Mentor, New York, 1954), p. 212.

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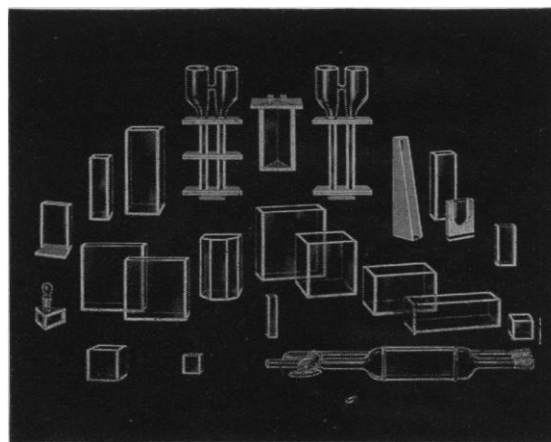


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