

AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

Science serves its readers as a forum for the presentation and discussion of important issues related to the advancement of science, including the presentation of minority or conflicting points of view, rather than by publishing only material on which a consensus has been reached. Accordingly, all articles published in *Science*—including editorials, news and comment, and book reviews—are signed and reflect the individual views of the authors and not official points of view adopted by the AAAS or the institutions with which the authors are affiliated.

Editorial Board

1970

GUSTAF O. ARRHENIUS	RICHARD C. LEWONTIN
FRED R. EGGAN	ALFRED O. C. NIER
HARRY F. HARLOW	FRANK W. PUTNAM
MILTON HARRIS	

1971

THOMAS EISNER	NEAL MILLER
AMITAI ETZIONI	BRUCE MURRAY
EMIL HAURY	JOHN R. PIERCE
DANIEL KOSHLAND, JR.	

Editorial Staff

Editor

PHILIP H. ABELSON

Publisher

DAEL WOLFLE

Business Manager

HANS NUSSBAUM

Managing Editor: ROBERT V. ORMES

Assistant Editors: ELLEN E. MURPHY, JOHN E. RINGLE

Assistant to the Editor: NANCY TEIMOURIAN

News Editor: JOHN WALSH

Foreign Editor: DANIEL S. GREENBERG*

News and Comment: LUTHER J. CARTER, PHILIP M. BOFFEY, ANDREW HAMILTON, NANCY GRUCHOW, SCHERRAINE MACK

Research Topics: ROBERT W. HOLCOMB

Book Reviews: SYLVIA EBERHART, KATHERINE LIVINGSTON, CAROL BROWN

Editorial Assistants: JOANNE BELK, ISABELLA BOULDIN, ELEANORE BUTZ, GRAYCE FINGER, NANCY HAMILTON, CORRINE HARRIS, OLIVER HEATWOLE, ANNE HOLDSWORTH, MARSHALL KATHAN, PAULA LECKY, MARGARET LLOYD, VIRGINIA NUSSLE, PATRICIA ROWE, LEAH RYAN, LOIS SCHMITT, BARBARA SHEFFER, RICHARD SOMMER, YA LI SWIGART, ALICE THEILE, MARIE WEBNER

* European Office: 22 Mulberry Walk, London, S.W.3, England (Telephone: 352-9749)

Advertising Staff

Director

EARL J. SCHERAGO

Production Manager

KAY GOLDSTEIN

Advertising Sales Manager: RICHARD L. CHARLES

Sales: NEW YORK, N.Y. 10036: Robert S. Bugbee, 11 W. 42 St. (212-PE-6-1858); SCOTCH PLAINS, N.J. 07076: C. Richard Callis, 12 Unami Lane (201-889-4873); MEDFIELD, MASS. 02052: Richard M. Ezequelle, 4 Rolling Lane (617-444-1439); CHICAGO, ILL. 60611: Herbert L. Burklund, Room 2107, 919 N. Michigan Ave. (312-DE-7-4973); BEVERLY HILLS, CALIF. 90211: Winn Nance, 111 N. La Cienega Blvd. (213-657-2772)

EDITORIAL CORRESPONDENCE: 1515 Massachusetts Ave., NW, Washington, D.C. 20005. Phone: 202-387-7171. Cable: Advancesci, Washington. Copies of "Instructions for Contributors" can be obtained from the editorial office. See also page xviA, *Science*, 27 March 1970. ADVERTISING CORRESPONDENCE: Room 1740, 11 W. 42 St., New York, N.Y. 10036. Phone: 212-PE-6-1858.

After Earth Day

Earth Day was a start, and may have been the launching date of a lasting crusade. But what will follow? The days following religious revivals and old-fashioned Fourth of July celebrations saw many backsliders and much business as usual. Earth Day, too, may be forgotten, or ears may be dulled by overexposure and people may quit listening to the Earth Day message.

No single event will keep people listening, and the tactics that gave Earth Day its impact will wear out too soon. The Sierra Club announced *Ecotactics*, its handbook for environmental activists, as dealing with "teach-ins, attacks on giant industry pollution practices, community concern, boycotts. . . ." These are activities calculated to rouse excitement, but they are not a long-range strategy for maintaining widespread concern for environmental problems or for understanding the management alternatives.

The selection of the question "How Can Our Physical Environment Best Be Controlled and Developed?" as the topic for high school debating teams for 1970-71 may have more lasting effect. Thousands of high school debaters will learn some of the facts and fears of environmental degradation and some of the possibilities for better maintenance of our earthly resources; they will become informed advocates for Mother Earth; and they will educate the classmates and parents who attend their debates.

The better general understanding of environmental issues has also been a concern of AAAS. Articles in *Science*, symposia at annual meetings, television coverage of some of those symposia, and the activities of the Committee on Science in the Promotion of Human Welfare and the Committee on Environmental Alteration have all had this purpose.

The most recent AAAS contribution comes from the Commission on Science Education in the form of an extensive bibliography on science and society. The bibliography was compiled by one of the Commission members, John A. Moore of the University of California at Riverside. It lists some 1500 books and articles on population, food and nutrition, pollution, natural resources, and related topics. The intent of Dr. Moore and the Commission was to help high school teachers whose students want to consider some of the large problems of man's environment and the bearing of science on those problems. The idea got a ready reception. The bibliography was published by the Battelle Memorial Institute, and the first 30,000 copies are now being distributed by the National Association of Secondary School Principals to all of its members. Although the original purpose was to help high school students and teachers, the Battelle Institute and the AAAS Commission believe that scientists who are asked for advice or assistance on environmental matters will find the bibliography useful, and that it will also be useful to adult education groups and helpful in the training of future teachers. Interested individuals can secure copies by writing to the AAAS Commission on Science Education or to the Battelle Memorial Institute (501 King Street, Columbus, Ohio 43201) and asking for *Science and Society: A Bibliography*.

Earth Day was a day of excitement, indignation, and dedication. That was a start, but the problems Man has given Earth require more than a day; they need permanent attention. John Moore's bibliography is in a much lower key than a day of folk-rock music and environmental exhortation, but it is a useful contribution to the necessary strategy of keeping people listening to the true purpose of Earth Day.—DAEL WOLFLE