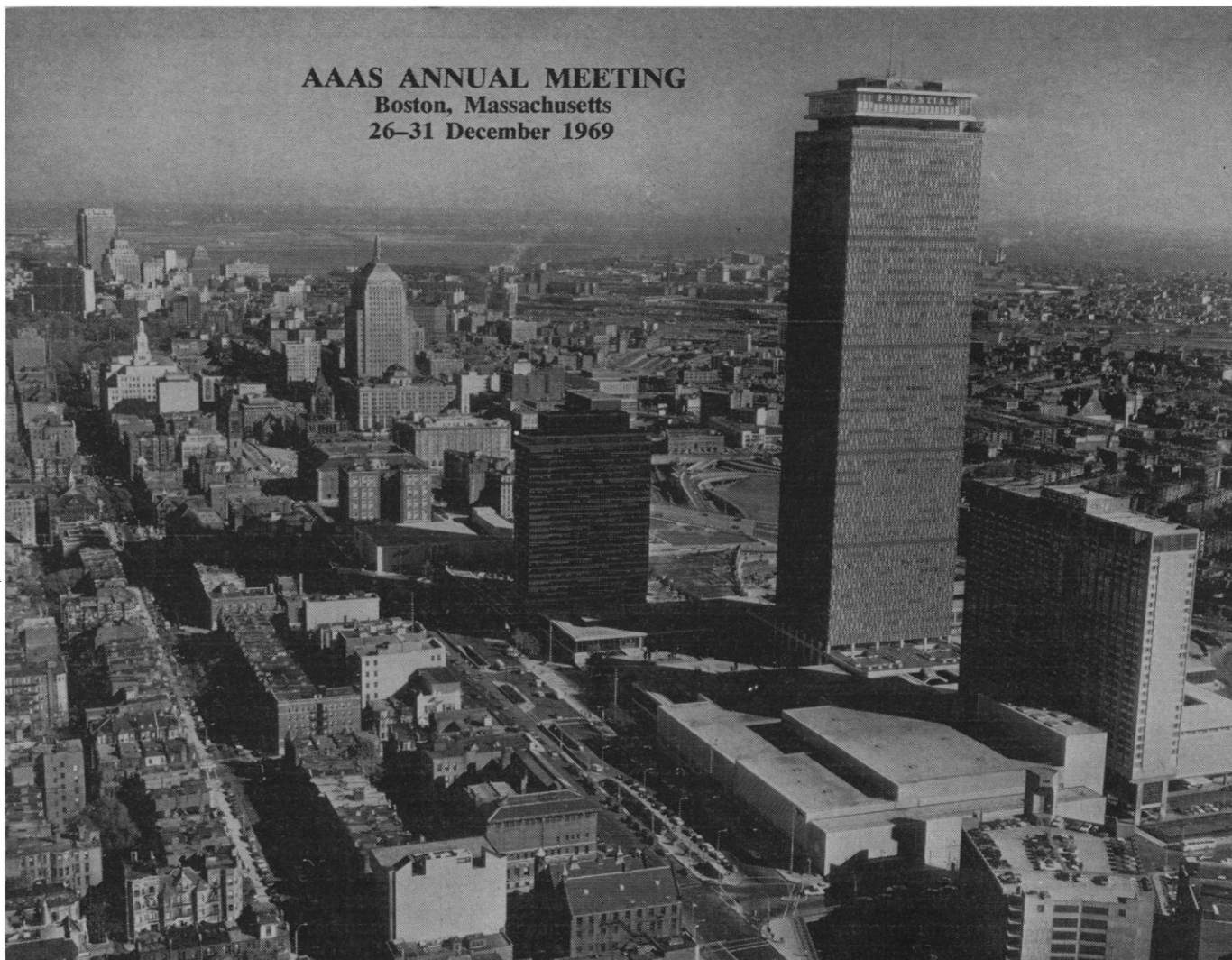




AAAS ANNUAL MEETING
Boston, Massachusetts
26-31 December 1969



MEETING HIGHLIGHTS
Lectures

Thomas O. Paine
Our Future in Space

Emilio Q. Daddario
Choice: Political or Scientific

Walter Orr Roberts
After The Moon, The Earth!

Margaret Mead
The Changing Significance of Food

Kingman Brewster
If not Reason, What?

Sir Alexander Cairncross
Controlling the Economy—What Does It Take

Roger Tory Peterson
Galápagos—Wild Eden

Edwin E. Aldrin, Jr.
Apollo and the Future

Eugene M. Shoemaker
The Footsteps of John Wesley Powell

Bruno Bettelheim
Communal Child Rearing in Israeli Kibbutzim

Asen Balikci
Ethnographic Filming and the Netsilik Eskimos

Mark Kac
Is The Computer Merely A Tool?

Nathaniel H. Frank
The Learning of Physics in Professional, Vocational, and General Education

G. Ledyard Stebbens
The Natural History and Evolutionary Future of Mankind

Wendell R. Barner
Some Experiments on Temporal Pattern Perception

Sheldon and Eleanor Glueck
White Delinquents in the City Slums: As Boys and Men

Martin J. Klein
Boltzmann, Monocycles and Mechanical Explanation

Lawrence Slobodkin

*Environmental Design in Response to the
Population Crisis*

Joseph P. Buckley

*How Can the Pharmacist Better Interact
as a Member of the Health Team*

Lloyd C. Miller

How Good Are Our Drugs?

Donald W. Collier

Comments on Industrial Research

R. Will Burnett

Is Relevance Irrelevant to Science Education?

William B. Stapp

*The Role of American Nature Society in a
Changing Society*

Dale Baker

Communications or Chaos

Ezra Glazser

*Issues in the Design of a Federal Statistical
System*

Wilmer W. Tanner

*The Academy Conference and Our Future
Environment*

Symposia and Panel Discussions

Hunger, Food, and Malnutrition

Hunger and Malnutrition

The Total Synthesis of Food

Living Marine Resources of the Northeast

Field Studies of Nutrition and Behavior

Our Food Supply

Food from the Sea

Malnutrition and Learning in Children

within the United States

Effects of Nutrition on Behavior

The Design and Nature of Cities

Human Settlements and Environmental Design

Quantitative Studies of Urban Problems

Statistics, Government, and the Analysis of
Social Problems

The City as a Social System

System Models of Urban Systems

The Organization of Urban Places

Family and Population Problems

Is There an Optimum Level of Population?

The Identity and Dignity of Man: A Scientific and
Theological Dialogue on Issues Emerging from
Behavioral, Surgical, and Genetic Interventions

Differential Fertility and Family Planning

Land Use, Population, and Settlements in Ancient
Mexico and Guatemala

Population Mathematics

Evaluating Family Planning Programs

The Earth, the Solar System, and the Cosmos

Whither Lunar and Planetary Exploration in the 1970's?

The Northwest Passage

Unidentified Flying Objects

Deep-Sea Drilling—A Progress Report

Climate and Man

Manned Lunar Space Program

Space Astronomy

Current Problems in Cosmology

Recent Developments in the Field of Pulsars

Health, Disease, and Behavior

Extra-auditory Physiological Effects of

Auditory Sound

International Study of Eskimos

Biology and Sociology of Violence

Recent Advances in Clinical Chemistry

Interface Between Bioengineering and

Oral Biology

Youth: Ego-Ideals and Impact of Culture

Tektite: Study of Behavior in a Hostile

Environment

Biomedical Materials

Neurobiological Substrates of Behavior

Speed Synthesis and Perception

Immunosuppressive Drugs

Pattern Perception

Social and Political Interaction

Technology Assessment and Human Possibilities

Arms Control and Disarmament

Military Support of Academic Research

Mathematical Modeling in the Social Sciences

Chemical and Biological Warfare

Approaches to Policy Sciences

Systems Aspects of Social and Environmental Problems

Methodological Problems in Studying Crime

Science and Public Policy Workshop

The Political Attitudes of Scientists

The Behavioral and Social Sciences

Sectoral Clashes and Development Policy

Intergovernmental Approaches to Domestic Problems

Ethics, Morals, Philosophy, and History

Leonardo da Vinci

Mendeleev Centennial

Mathematical Logic

Science Fiction and Science

Science and the Future of Man

Status of the Unity of Science Thesis

Methodology in the Science of Religion

The Sorry State of Science—A Student Critique

Objectivity of Anthropology

Comparative History and Sociology of Science

Social Implications of Organ Transplants

Life and the Living Earth

The Theory and Practice of Biological Control

Biochemical Adaptations

Sea-Level Panama Canal: Marine Biological Effects





Photosynthetic Organisms: Origin and Evolution of Earth

Physics and the Explanation of Life
Some Mathematical Questions in Biology
Biology of Cave and Deep Sea Organisms
Using Ecological Data for Environmental Decisions
Aspects of Insect Endocrinology
Physiology of the Annelids
The Biology of Symbiosis
The Stream Ecosystem
Hormonal Controls in Gonadal Function
Integrated Control of Disease Vectors
Inshore Mollusks: Species under Stress
Cell Division
Organization and Development of Plants

Affairs of Technology, Economics, and Business

The Grants Economy
Power Generation and Environmental Change
Electronic Computers—Today and Tomorrow
Computers in Mathematics and Science
Managing the Growth of a Small Technical Company
Methods in R & D Management
Economics of Scientific Publications
Should a General Engineering Society Be Established?
Rational Use of Water
Inching toward the Metric System
Toward the Unification of Management and Organization Theory

Education, Learning, and Communications

Expanding Horizons in Medical Education
Education of the Infant and Young Child
Innovations
Basic Research in Education
Systematic Approaches to Learning and Memory
Undergraduate Studies in Environmental Sciences
Technical Communication
Science Education—Two Views
Brain and Learning
Questionable Assumptions Underlying Science Education
General System Education Program
Specialization versus Integration of Knowledge in an Expanding Universe of Facts
Development of Ability
Recent Developments in Animal Communication
Educational Technology and Science Education
SATCOM Report
Creativity
Preservice Science Education of Elementary School Teachers
Learning—A Lifetime Process
Science Education and the Nation
School Science—Past and Future
Communication of Science
Sensory-Specific Information in Human Memory
Ecology and the Undergraduate Curriculum
Mathematics Education

Interaction with the Arts

Science and Music

SPECIAL EVENTS AND TOURS

Concert, Boston Symphony Orchestra
Symposium, Science and Music
Tea, Headquarters, American Meteorological Society
Science Film Theater

Worcester Foundation for Experimental Biology
New England Aquarium
Cambridge Electron Accelerator
Massachusetts General Hospital
Massachusetts Institute of Technology
Harvard University

Isabella Stewart Gardner Museum
Museum of Fine Arts
Museum of Science
Woods Hole Oceanographic Institution,
Marine Biological Laboratories, and U.S. Bureau of
Commercial Fisheries

EXHIBITS

Mendeleev Centennial, Boston Public Library
Harvard Scientists and their Apparatus, Fogg Art Museum
(Harvard University)
Science and Art, Fogg Art Museum (Harvard University)
Rara Astronomica, Houghton Library (Harvard University)
Sir William Osler, Harvey Cushing and the Boston Medical
Library, Countway Library (Harvard Medical School)
Back Bay Boston, the City as a Work of Art, the Museum of
Fine Arts
The "Boston Arm," Museum of Science
The Indomitable Major Powell, Sherman Union, Boston
University
Educational Exhibits and AAAS, Annual Exposition of
Science and Industry, Boston War Memorial Auditorium