
EDITORIAL Commission on Federal Paperwork 1237

ARTICLES Paleoenvironment and Human Settlement in Japan and Korea: R. Pearson 1239
Nepotism and the Evolution of Alarm Calls: P. W. Sherman 1246
The NAS Surveys of Fundamental Research 1962–1974, in Retrospect: W. W. Lowrance 1254

NEWS AND COMMENT Controls on Trade and Technology: Pentagon Puts Stress on Know-How 1261
McKelvey Ousted as Director of Geological Survey 1264
Nuclear Wastes: Popular Antipathy Narrows Search for Disposal Sites 1265

RESEARCH NEWS Alternative Astronomy: Experiment in Self-Sufficiency Blossoms 1267
Carcinogens in the Workplace: Where to Start Cleaning Up 1268

BOOK REVIEWS Evolution and Organismic Evolution, reviewed by H. L. Carson; Family Formation Patterns and Health, T. K. Burch; Books Received 1272

The Prime Meridian of Mars and the Longitudes of the Viking Landers: M. E. Davies .......................... 1277

Cholera Toxin Crystals Suitable for X-ray Diffraction: P. B. Sigler et al. ........................................ 1277

Infectivity Reacquisition by Trypanosoma brucei brucei Cultivated with Tsetse Salivary Glands: I. Cunningham and B. M. Honigberg .......................................................... 1279

Sperm Autoantibodies in Vasectomized Rats of Different Inbred Strains: P. E. Bigazzi, L. L. Kosuda, L. L. Harnick .......................................................... 1282

Adenine and Adenosine Are Toxic to Human Lymphoblast Mutants Defective in Purine Salvage Enzymes: M. S. Hershfield, F. F. Snyder, J. E. Seegmiller ........................................ 1284

A Method for Detecting 8-Methoxypsoralen in the Ocular Lens: S. Lerman and R. F. Borkman .......................................................... 1287

Swine Influenza Virus Vaccine: Potentiation of Antibody Responses in Rhesus Monkeys: E. L. Stephen et al. .......................................................... 1289

Butylated Hydroxytoluene Protects Chickens Exposed to Newcastle Disease Virus: M. Brugh, Jr. .......................................................... 1291


Sympatric Speciation Based on Allelic Changes at Three Loci: Evidence from Natural Populations in Two Habitats: C. A. Tauber and M. J. Tauber .......................................................... 1298

Technical Comments: Do Cellular Slime Molds Form Intercellular Junctions?: G. Johnson et al.; Synergism Between Trimethoprim and Sulfamethoxazole: J. J. Burchall; R. Then; M. Poe; Marihuana and Epilepsy: D. M. Feeney; P. Martin and P. Consroe .......................................................... 1300

COVER
The Taj Mahal, located outside Agra in India. Built of pure white Makrana marble and completed in 1654 for the Mogul emperor Shah Jahan in memory of his wife, Mumtaz Mahal, the Taj is near the site of a large oil refinery being built by the Indian government. See page 1232. [Government of India Tourist Office, New York City].
Commission on Federal Paperwork

During the past decade there has been a great increase in detailed federal intrusions into many areas of society, including local and state government, education, and small and large business. Correspondingly, there has been an expanded federal demand for paperwork. The annual cost to society is now estimated at $100 billion. Paperwork is one of the reasons why the federal bureaucracy is held in low regard and why Congress fares poorly in opinion polls.

But Congress often acts constructively. This was true when it enacted Public Law 93-556 in December 1974, creating the Commission on Federal Paperwork. The Commission was given a 2-year mandate and total financial support of about $10 million. Work of the Commission began 3 October 1975. When its term ends shortly, the Commission will have issued 25 written reports and made about 750 recommendations for cutting paperwork. Already about a third of these have been adopted, involving annual savings of $3.5 billion. Ultimately, after implementation of more of the recommendations, the annual savings could mount to $10 billion. The staff of the Commission believes that with additional determined efforts, the annual savings might be made to rise to $30 to $40 billion.

Four key ingredients went into the success of the venture. The staff of the Commission was small but excellent. The 2-year time limit lent urgency to the enterprise. The staff reached out and involved citizens broadly, casting itself in the role of ombudsman. On the Commission were key figures including the Comptroller General, the Director of the Office of Management and Budget, Senator McIntyre, and Representative Horton, who could help expedite the implementation of recommendations.

The average citizen views the federal government as a single coordinated entity. In a report on federal, state, and local cooperation, the Commission sets forth a quite different view. With the tremendous growth in federal activities (more than 1000 assistance programs) we now live in an era of government by program. The realities are described in the report. *

"Such growth has fostered the development of compartmentalized and distinct interest groups, committed to individual program objectives more than to the general welfare of the Nation and its citizens. These program interest groups are represented organizationally by programmatic bureaucracies and constituencies containing those individuals concerned with delivering the services and achieving the objectives of that particular program. The interest groups extend from congressional committees, through Federal bureaucracies and their delivery systems within State and local governments. The result has been, in effect, a series of governments, based not on geographic communities and their own elected governments, but rather, separate, administrative governments intent on achieving program objectives. . . ."

"Each program and its bureaucracy has developed its own separate information requirements, separate reporting and recordkeeping systems, separate financial management systems, separate audit systems, separate accounting systems and separate planning requirements. Even within the separate program administrative governments, regulation, information and paperwork requirements have created enormous burdens."

In effect, the Commission is telling us that with the proliferation of programs, a corresponding proliferation of paperwork was inevitable. Some of the paperwork can be eliminated, but the true solution lies in consolidating or eliminating programs.

The Commission on Federal Paperwork has demonstrated that a government organization can be forthright and effective while being responsive to citizens. A new follow-on organization designed to help point the way to more efficient government seems indicated.—PHILIP H. ABELSON