LETTERS
Medfly Mating; M. K. Harris; Origin of Chlorinated Dioxins: K. Kriebel; R. E. Carlson; W. B. Crummett; Abortion, Science, and the Law: W. B. Morton, Jr.; New Location for Memphis?: G. H. Hickox

EDITORIAL
Echoes of Toronto: D. A. Bromley

ARTICLES
Science and the Universities: C. Fortier
International Science—An Overview: L. Kerwin
Science and Technology for Development: L. Berlinguet
Science and Industry: A. R. Crawford
Social Complexity in Chinese Coastal Neolithic Sites: R. Pearson

NEWS AND COMMENT
First Casualty in the Biotechnology Derby
Briefing: Satellite Data Indicate Ozone Depletion; Brookhaven Director Quits as Isabelle Teeters; Gene-Splicing Patent May Net $1 Million a Year
Health Care in the Soviet Union
Human Guinea Pigs at Oak Ridge?

RESEARCH NEWS
Milankovitch Climate Cycles: Old and Unsteady
Argonne's Pulsed Neutron Source Turned On

AAAS NEWS
Who Are the Gay Scientists?: S. M. Malcom; Call for Nominations: 1982 General Election; Federal Energy Policies and the Southeast; Scientific Society Presidents Discuss Federal Budget; P. S. Curlin; Proposals and Resolutions Invited for 1982 Council Meeting; AAAS Travelers; Congressional Seminar Looks at Productivity

ANNUAL MEETING
Building Knowledge and Understanding: Enduring Assets of Society
REPORTS

The Short-Term Temporal Spectrum of Precipitable Water Vapor: D. C. Hogg, F. O. Guiraud, W. B. Sweezy .................................................. 1112

Detection of Overflow Events in the Shag Rocks Passage, Scotia Ridge: W. Zenk .............................................................................. 1113


Polymorphism in the 5'-Flanking Region of the Human Insulin Gene and Its Possible Relation to Type 2 Diabetes: P. Rotwein et al. ....... 1117

Growth Inhibition by Adenosine 3',5'-Monophosphate Derivatives Does Not Require 3',5'-Phosphodiester Linkage: T. F. J. Martin and J. A. Kowalchyk .................................................. 1120

Somatomedin B: Mitogenic Activity Derived from Contaminant Epidermal Growth Factor: C.-H. Heldin et al. ....................................... 1122

Ethanol Reveals Novel Mercury Detoxification Step in Tissues: J. D. Dunn, T. W. Clarkson, L. Magos .................................................. 1123

Brown Adipose Tissue: Thermic Response Increased by a Single Low Protein, High Carbohydrate Meal: Z. Glick, R. J. Teague, G. A. Bray ........ 1125

Fertilizability of Ova Ovulated and Recovered from Rabbit Ovaries Perfused in vitro: Y. Kobayashi et al. ............................................... 1127


Allelopathy Between Zooplankton: A Mechanism for Interference Competition: C. Folt and C. R. Goldman ........................................ 1133

Central Norepinephrine Metabolism During Alcohol Intoxication in Addicts and Healthy Volunteers: S. Borg, H. Kvande, G. Sedvall .......................................................... 1135

Functional Restoration of Vision in the Cat After Long-Term Monocular Deprivation: D. C. Smith ...................................................... 1137


Behavioral Effects of Lead and Toxocara canis in Mice: Z. S. Dolinsky et al. ..................................................................................... 1142


COVER

Optical telescope (Kamuela, Hawaii), international venture of Canada, France, and Hawaii. See page 1065. [Courtesy of René Racine, Canada-France-Hawaii Telescope Corp.]