

SCIENCE

LETTERS	Horatio Alger on Work: <i>E. S. Rabkin</i> ; Moscow Genetics Congress: <i>R. Adelstein et al.</i>	675
EDITORIAL	Renegotiating the Society-Academy Contract: <i>B. C. Denny</i>	677
ARTICLES	Geographical Trends in Numbers of Species: <i>J. J. Schall</i> and <i>E. R. Pianka</i>	679
	Hepatitis B Virus and Sex Ratio of Offspring: <i>J. S. Drew et al.</i>	687
NEWS AND COMMENT	Fuel Reprocessing Still the Focus of U.S. Nonproliferation Policy	692
	<i>Briefing</i> : Medical Marijuana Substitute Under Development; Senate Votes to Cancel NASA's Moon Rock Money; Work at Seabrook Resumed	694
	Brain That Rocked Physics Rests in Cider Box	696
	In vitro Fertilization: Is It Safe and Repeatable?	698
RESEARCH NEWS	Violently Active Galaxies: The Search for the Energy Machine	700
	Function of the <i>src</i> Gene Product	702
BOOK REVIEWS	A Festschrift for I. I. Rabi, <i>reviewed by B. T. Feld</i> ; The Evolution of Metalloenzymes, Metalloproteins and Related Materials, <i>T. Swain</i> ;	

Downloaded from <http://science.sciencemag.org/> on March 21, 2019

BOARD OF DIRECTORS	EMILIO Q. DADDARIO Retiring President, Chairman	EDWARD E. DAVID, JR. President	KENNETH E. BOULDING President-Elect	ELGISE E. CLARK MARTIN M. CUMMINGS	RENÉE C. FOX BERNARD GIFFORD
CHAIRMAN AND SECRETARIES OF SPECIAL SECTIONS	MATHEMATICS (A) Mark Kac Ronald Graham	PHYSICS (B) D. Allan Bromley Rolf M. Sinclair	CHEMISTRY (C) William E. McEwen William L. Jolly	ASTRONOMY (D) Paul W. Hodge Donat G. Wentzel	
	PSYCHOLOGY (J) Brenda Milner Meredith P. Crawford	SOCIAL AND ECONOMIC SCIENCES (K) Kurt W. Back Gillian Lindt	HISTORY AND PHILOSOPHY OF SCIENCE (L) Robert S. Cohen Diana L. Hall	ENGINEERING (M) Robert B. Beckmann Donald E. Marlowe	
	EDUCATION (Q) Marjorie H. Gardner James T. Robinson	DENTISTRY (R) Sholom Pearlman John Termine	PHARMACEUTICAL SCIENCES (S) John G. Wagner Raymond Jang	INFORMATION, COMPUTING, AND COMMUNICATION (T) Eugene Garfield Madeline M. Henderson	
VISIONS	ALASKA DIVISION		PACIFIC DIVISION		SOUTHWESTERN AND ROCKY MOUNTAIN DIVISION
	Donald H. Rosenberg President	Keith B. Mather Executive Secretary	Glenn C. Lewis President	Alan E. Leviton Secretary-Treasurer	James W. O'Leary President Lora M. Shields Executive Office

SCIENCE is published weekly, except the last week in December, but with an extra issue on the third Tuesday in September, by the American Association for the Advancement of Science, 1515 Massachusetts Ave., NW, Washington, D.C. 20005. Now combined with *The Scientific Monthly*. Second-class postage paid at Washington, D.C., and additional entry. Copyright © 1978 by the American Association for the Advancement of Science. Member rates on request. Annual subscriptions \$65; foreign postage: Canada \$10; other surface \$13; air-surface via Amsterdam \$30. Single copies \$5; \$2 by mail (back issues \$3) except *Guide to Scientific Instruments* \$6. School year subscriptions: 9 months \$50; 10 months \$55. Provide 6 weeks' notice for change of address, giving new and old addresses and postal codes. Send a recent address label, including your 7-digit account number. Postmaster: Send Form 3579 to *Science*, 1515 Massachusetts Avenue, NW, Washington, D.C. 20005. *Science* is indexed in the *Reader's Guide to Periodical Literature* and in several specialized indexes.

AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

	Carabid Beetles in Their Environments, <i>G. E. Ball</i> ; Books Received and Book Order Service	703
ASSOCIATION AFFAIRS	AAAS Annual Elections	707
REPORTS	Cyclic Change in Late Triassic Lacustrine Communities: <i>P. E. Olsen et al.</i>	729
	A Search for Ultra-Narrowband Signals of Extraterrestrial Origin: <i>P. Horowitz</i>	733
	Decomposition of Calcium Carbonate and Organic Carbon in Deep Oceans: <i>C.-T. A. Chen</i>	735
	Polychlorinated Biphenyls May Alter Marine Trophic Pathways by Reducing Phytoplankton Size and Production: <i>H. B. O'Connors, Jr., et al.</i>	737
	Thermal Sensitivity in Lichens: <i>J. D. MacFarlane and K. A. Kershaw</i>	739
	Analysis of Melatonin in Human Plasma by Gas Chromatography Negative Chemical Ionization Mass Spectrometry: <i>A. J. Lewy and S. P. Markey</i>	741
	Cellulose to Sugars: New Path Gives Quantitative Yield: <i>M. R. Ladisch, C. M. Ladisch, G. T. Tsao</i>	743
	Plant Chemistry and the Evolution of Host Specificity: New Evidence from <i>Heliconius</i> and <i>Passiflora</i> : <i>J. Smiley</i>	745
	Airplane Accident Fatalities Increase Just After Newspaper Stories About Murder and Suicide: <i>D. P. Phillips</i>	748
	Sex Pheromone of the Tsetse Fly: Isolation, Identification, and Synthesis of Contact Aphrodisiacs: <i>D. A. Carlson, P. A. Langley, P. Huyton</i>	750
	Localization of Primate Calls by Old World Monkeys: <i>C. H. Brown et al.</i>	753

Downloaded from <http://science.sciencemag.org/> on March 21, 2019

KE MC CORMACK EDERICK MOSTELLER	RUSSELL W. PETERSON CHEN NING YANG	WILLIAM T. GOLDEN Treasurer	WILLIAM D. CAREY Executive Officer
BIOLOGY AND GEOGRAPHY (E) Ralph M. Friedman Leon E. Bisque	BIOLOGICAL SCIENCES (G) Ursula K. Abbott Walter Chavin	ANTHROPOLOGY (H) June Helm Priscilla Reining	INDUSTRIAL SCIENCE (P) David B. Hertz Robert L. Stern
MEDICAL SCIENCES (N) Leon O. Jacobson Rah M. Lowenstein	AGRICULTURE (O) James B. Kendrick Coyt T. Wilson	GENERAL (X) Allen V. Astin Joseph F. Coates	
STATISTICS (U) Rudolf W. Greenhouse Barbara Glaser	ATMOSPHERIC AND HYDROSPHERIC SCIENCES (W) Kenneth C. Spengler Glenn R. Hilst		

COVER

Oldest known New World fly from the Late Triassic-age rocks of North Carolina. See page 729. [David Holbrook, Peabody Museum of Natural History, New Haven, Connecticut 06520]

The American Association for the Advancement of Science was founded in 1848 and incorporated in 1874. Its objects are to further the work of scientists, to facilitate cooperation among them, to foster scientific freedom and responsibility, to improve the effectiveness of science in the promotion of human welfare, and to increase public understanding and appreciation of the importance and promise of the methods of science in human progress.

Science

201 (4357)

Science **201** (4357), 675-754.

ARTICLE TOOLS

<http://science.sciencemag.org/content/201/4357.citation>

PERMISSIONS

<http://www.sciencemag.org/help/reprints-and-permissions>

Use of this article is subject to the [Terms of Service](#)

Science (print ISSN 0036-8075; online ISSN 1095-9203) is published by the American Association for the Advancement of Science, 1200 New York Avenue NW, Washington, DC 20005. 2017 © The Authors, some rights reserved; exclusive licensee American Association for the Advancement of Science. No claim to original U.S. Government Works. The title *Science* is a registered trademark of AAAS.