This Week in Science

Beauty, Balance, and Mathematics


Cernobyl: Errors and Design Flaws

Briefing: Earthquake Research Center Siting Triggers California Tremors

Medicine as Business: Are Doctors Entrepreneurs?

Briefing: Lindow Microbe Test Delayed by Legal Action Until Spring ■ PHS Invites Industry Collaboration on AIDS Vaccine ■ Will an AIDS Vaccine Bankrupt the Company That Makes It? ■ NASA Council Sees Continued Erosion of Space Program ■ Soviet Union Suspends Plans to Divert Four Rivers

Trying to Crack the Second Half of the Genetic Code

Do California Quakes Portend a Large One?

Washington Embraces Global Earth Sciences


Multiple DNA-Protein Interactions Governing High-Precision DNA Transcription: H. Echols

Natural Philosophy in the Constitution: G. Piel

Induction of Membrane Ruffling and Fluid-Phase Pinocytosis in Quiescent Fibroblasts by ras Proteins: D. Bar-Sagi and J. R. Feramisco

Catalytic Hydration of Terminal Alkenes to Primary Alcohols: C. M. Jensen and W. C. Trogler

Coastal Uplift and Mortality of Intertidal Organisms Caused by the September 1985 Mexico Earthquakes: P. Bodin and T. Klinger

Transition State Analogs as Ligands for Affinity Purification of Juvenile Hormone Esterase: Y. A. I. Abdel-Aal and B. D. Hammock

SCIENCE is published weekly on Friday, except the last week in December, and with a plus issue in May by the American Association for the Advancement of Science, 1333 H Street, NW, Washington, DC 20005. Second-class postage (publication No. 484480) paid at Washington, DC, and at an additional entry. Copyright © 1986 by the American Association for the Advancement of Science. All rights reserved. Neither this work nor any part thereof may be reproduced in any form without the written consent of the publisher. Printed in U.S.A.

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Inhibition of insect juvenile hormone esterase delays metamorphosis resulting in giant larvae up to 15 grams in weight (right), which spend twice as much time feeding in the ultimate instar and consume three times as much food as the smaller animal (left). See page 1073. [M. Philpott, Department of Entomology, University of California, Davis 95616]

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