

583 This Week in *Science*

Editorial

585 Blank Check Laws

Letters

589 Biodiversity: J. M. SCOTT, B. CSUTI, H. ANDERSON, J. E. ESTES;
K. A. DAHLBERG ■ Greenhouse Initiative: J. F. AHEARNE ■ Mediocrity:
J. A. CRAWFORD; P. KLOPPER ■ Animals in Research: Educational Funds:
C. S. NICOLL AND S. M. RUSSELL ■ A Strengthened Court: E. MAYR ■ U.S.-
Soviet Cooperation: F. VON HIPPEL

News & Comment

595 Cracks in Geriatric Aircraft
597 Overhaul Urged for Math Teaching
598 A Clash of Cultures at Meeting on Misconduct
599 Genome Project Gets Rough Ride in Europe
600 The Dismal State of Scientific Literacy ■ Are You Scientifically Literate?
601 Who Should Count in the 1990 Census?
602 Richard S. Nicholson to Head AAAS
Biotechnology Rules Wither in OMB

Research News

603 The Global Warming Is Real
604 Is It Healthy to Be Chaotic? ■ The Footprints of Chaos
607 Collision and Cannibalism Shape the Galaxies
609 New Microscope Images Ions' Ins and Outs
610 *Random Samples*: Did Billy Really Die a Kid? ■ The Price of Terrorism ■ Keeping
Your Resolutions

Articles

611 Is There a U.S. Productivity Crisis? W. J. BAUMOL
616 Intermetallic Compounds for High-Temperature Structural Use: A. I. TAUB AND
R. L. FLEISCHER
622 Protein Design, a Minimalist Approach: W. F. DEGRADO, Z. R. WASSERMAN,
J. D. LEAR

Research Articles

629 Function of a Bacterial Activator Protein That Binds to Transcriptional Enhancers:
D. L. POPHAM, D. SZETO, J. KEENER, S. KUSTU

Reports

636 Molecular Dynamics Simulation of a Phospholipid Micelle: J. J. WENDOLOSKI,
S. J. KIMATIAN, C. E. SCHUTT, F. R. SALEMME
638 Critical Depth for the Survival of Coral Islands: Effects on the Hawaiian
Archipelago: R. W. GRIGG AND D. EPP

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COVER A caterpillar *Nemoria arizonaria* next to the catkins (staminate flowers) of Emory oak. The spring brood of caterpillars develops into mimics of the catkins; the fall brood develops instead into mimics of oak twigs. This developmental polymorphism is triggered by the larval diet. See page 643. [Photo by Erick Greene, Department of Avian Sciences, University of California, Davis, CA 95616]

- 641 The Scanning Ion-Conductance Microscope: P. K. HANSMA, B. DRAKE, O. MARTI, S. A. C. GOULD, C. B. PRATER
- 643 A Diet-Induced Developmental Polymorphism in a Caterpillar: E. GREENE
- 646 Molecular Genetic Relationships of the Extinct Dusky Seaside Sparrow: J. C. AVISE AND W. S. NELSON
- 649 An Ultraviolet-Sensitive RNA Structural Element in a Viroid-Like Domain of the Hepatitis Delta Virus: A. D. BRANCH, B. J. BENENFELD, B. M. BAROUDY, F. V. WELLS, J. L. GERIN, H. D. ROBERTSON
- 652 Reversible Cleavage and Ligation of Hepatitis Delta Virus RNA: H.-N. WU AND M. M. C. LAI
- 655 Autocrine Induction of Collagenase by Serum Amyloid A-Like and β_2 -Microglobulin-Like Proteins: C. E. BRINCKERHOFF, T. I. MITCHELL, M. J. KARMILOWICZ, B. KLUVE-BECKERMAN, M. D. BENSON
- 657 A cAMP-Regulated Chloride Channel in Lymphocytes That Is Affected in Cystic Fibrosis: J. H. CHEN, H. SCHULMAN, P. GARDNER
- 660 Transformation and Plasmacytoid Differentiation of EBV-Infected Human B Lymphoblasts by *ras* Oncogenes: S. SEREMTIS, G. INGHIRAMI, D. FERRERO, E. W. NEWCOMB, D. M. KNOWLES, G.-P. DOTTO, R. DALLA-FAVERA
- 663 Modulation of Calcium Channels in Cardiac and Neuronal Cells by an Endogenous Peptide: G. CALLEWAERT, I. HANBAUER, M. MORAD
- 666 Specific Block of Calcium Channel Expression by a Fragment of Dihydropyridine Receptor cDNA: I. LOTAN, P. GOELET, A. GIGI, N. DASCAL
- 669 Muscarinic Modulation of Cardiac Rate at Low Acetylcholine Concentrations: D. DIFRANCESCO, P. DUCOURET, R. B. ROBINSON

Inside AAAS

- 672 Awards—1989 ■ Pacific Division Meeting ■ 49ers and AAAS: San Francisco Winners ■ AAAS Fellows: L. MCDANIEL ■ Foreign Student Grants ■ Memo to Members: A. HERSCHMAN

Book Reviews

- 674 Gap Junctions, reviewed by J. D. SHERIDAN ■ From Clocks to Chaos, W. M. SCHAFFER ■ Mutation, Developmental Selection, and Plant Evolution, D. M. WALLER ■ Fluid Flow in Sedimentary Basins and Aquifers, G. GARVEN ■ Books Received

Software Reviews

- 679 Symbolic Manipulation Programs for the Personal Computer: K. R. FOSTER AND H. H. BAU

Products & Materials

- 685 Cryogenic Inventory Software ■ Software for Technical Graphics ■ Thermal Stage for Petri Dishes ■ Ductless Fume Hood ■ High Molecular Weight Marker ■ DNA Sequence Analysis Software ■ Manual Peptide Synthesizer ■ Literature

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