NEWS & COMMENT

Museums Cut Research in Hard Times 1268
Worlds Apart: From Frankfurt to Honolulu
Smithsonian Institution: Bracing for Bad News

Researchers Score Victory
Over Pesticides—and Pests—in Asia
Gene Patents: Scientists Voice Their Opposition
Banking for Transplantation Research
Congress Sends a Message
Original Grants Only, Please
The Case of the Missing Monarchs

RESEARCH NEWS

A New Link in the Brain’s Defenses
Potential New Alzheimer’s Test
Another Impact Extinction?
Paleoanthropologists Launch a Society of Their Own

Neural Nets: A New Way to Catch Elusive Particles?
Putting Gentle Reins on Unruly Systems

PERSPECTIVES

New Fractional Quantum Hall States in Double Electron Layer Systems
S. Das Sarma and R. E. Prange

Conodonts: A Major Extinct Group
Added to the Vertebrates
D. E. G. Briggs

ARTICLES

The Discovery of Quarks
M. Riordan
New Approaches to Nuclear Proliferation Policy
J. S. Nye, Jr.

Museums emphasize exhibits over research

DEPARTMENTS

THIS WEEK IN SCIENCE 1255
EDITORIAL
Integrity of the Research Process

LETTERS
Possible Origins of AIDS: C. H. Fox; T. Curtis; J. Cohen • Correction: W. B. Busa

SCIENCESCOPE 1267
AXAF gets a split personality, etc.

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Photomicrograph of a longitudinal section through an element of the conodont Cordyodus showing features that imply that conodonts have vertebrate affinity. The light-colored birefringent crown is interpreted as cellular bone and the spheres in dark basal filling as calcified cartilage. Cordyodus was extant from the late Cambrian to earliest Ordovician. See page 1308 and the Perspective on page 1285. (Background Photograph of the soft-bodied specimen of the conodont Cydagnathus (Mississippian) discovered in 1982 in Edinburgh, Scotland. [Photomicrograph: I. J. Sansom; photograph: J. K. Ingham]

RESEARCH ARTICLE

A Transcriptional Enhancer Whose Function Imposes a Requirement That Proteins Track Along DNA
D. R. Herendeen, G. A. Kassavetis, E. P. Geiduschek

REPORTS

Bond Selectivity in Silicon Film Growth
J. J. Boland and G. N. Parsons

Isotope Effect in Superconducting Fullerences
S. Chakravarty, S. A. Kivelson, M. I. Salkola, S. Tewari

Presence of the Earliest Vertebrate Hard Tissues in Conodonts
I. J. Sansom, M. P. Smith, H. A. Armstrong, M. M. Smith

Natural Versus Anthropogenic Factors Affecting Low-Level Cloud Albedo over the North Atlantic
P. G. Falkowski, Y. Kim, Z. Kolber, C. Wilson, C. Wirick, R. Cess

Functional Specialization of Olfactory Glomeruli in a Moth
B. S. Hansson, H. Ljungberg, E. Hallberg, C. Löfstedt

Association of a 59-Kilodalton Immunophilin with the Glucocorticoid Receptor Complex

High-Efficiency Expression and Solubilization of Functional T Cell Antigen Receptor Heterodimers
I. Engel, T. H. M. Ottenhoff, R. D. Klausner

Prevention of Autoimmune Diabetes in the BB Rat by Intrathymic Islet Transplantation at Birth
A. M. Posselt, C. F. Barker, A. L. Friedman, A. Naji

Conjugative Transfer by the Virulence System of Agrobacterium tumefaciens
A. Beijersbergen, A. D. Dulk-Ras, R. A. Schilperoort, P. J. J. Hooykaas

Sparse Population Coding of Faces in the Inferotemporal Cortex
M. P. Young and S. Yamane

Identification of a Prenylation Site in Delta Virus Large Antigen
J. S. Glenn, J. A. Watson, C. M. Havel, J. M. White

Nondissociation of GAL4 and GAL80 in Vivo After Galactose Induction
K. K. Leuther and S. A. Johnston

TECHNICAL COMMENTS

Measuring Mechanosensitive Channels in Uromyces

How the brain recognizes faces

Oceanic clouds and chlorophyll

Indicates accompanying feature

SCIENCE • VOL. 256 • 29 MAY 1992

1253