LETTERS

Air Quality Standards: A. E. Smith and B. Bloom; Aquatic Ecosystems: J. C. Briggs; T. H. Fraser; J. A. Duke; R. E. Lee; President's Science Message: A. B. Meinel; Cans: E. L. Yochelson

EDITORIAL

Career Education—A New Priority: S. P. Marland

ARTICLES

Time Reversal: R. G. Sachs

Energetics and Pollination Ecology: B. Heinrich and P. H. Raven

Electromyography Comes of Age: J. V. Basmajian

On the Impact of the Computer on Society: J. Weizenbaum

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Nonlethal Weapons: Kennedy Prods NSF into Law and Order Territory

Biologics Division to Be Transferred to FDA

Unionization: Scientists, Engineers, Mull Over One Alternative

French University Reorganization: Voilà, Thirteen Universities of Paris

BOOK REVIEWS

Zealous Advocates: S. J. Gould

The Evolution of Communication: E. O. Wilson; other review by M. Argyle

A. Paradigm Shift in Psychology: U. Neisser; other reviews by R. K. Lindsay, S. H. Barondes, L. Kaufman

A Central Concept in Anthropology: I. R. Buchler; other reviews by D. W. Fiske, E. van de Walle

A Call for Unity: C. Albritton; other reviews by D. Wolfe, P. Y. Hammond, T. R. Wessel

Polluters and Regulators: R. H. Harris and D. F. Luecke; other reviews by G. D. Brewer, M. Appar IV

The Universe: Some Facts to Go On: G. B. Field; other reviews by R. S. Shankland, D. Harker, H. Elias

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Mammals Presumed Most Useful: C. A. Reed; other reviews by C. H. Southwick, C. E. Oxnard, J. F. Crow, J. S. Farris, J. L. Harper

Reef Research: W. A. Newman and T. F. Dana; others reviews by F. R. Fosberg, E. Barham, W. B. White, A. J. Jelinek

Views of Faraday: B. S. Finn; other reviews by J. M. Briggs, Jr., K. Birr, W. Coleman, J. Stannard

Books Reviewed in Science: 14 May 1971 through 5 May 1972

Books Received

REPORTS

Lunar Glass: Interferometric Evidence for Low-Temperature Shock: S. Tolansky

Genetic Polymorphism of Basic Proteins from Parotid Saliva: E. A. Azen

Diphasic Postsynaptic Potential: A Chemical Synapse Capable of Mediating Conjoint Excitation and Inhibition: D. Gardner and E. R. Kandel

Cholesteric Liquid Crystal-Like Structure of the Cuticle of Plusioiris gloriosus: A. Pace, Jr.

Decremental Conduction over “Giant” Afferent Processes in an Arthropod: D. H. Paul

Galactonic Acid in Galactosemia: Identification in the Urine: W. R. Bergren et al.

Tongue Cooling during Drinking: A Regulator of Water Intake in Rats: G. Kapatos and R. M. Gold

Pregnancy Suppression by an Antiserum to the Sperm Specific Lactate Dehydrogenase: E. Goldberg and J. Lerum

Nucleotide Sequence of a Lysine Transfer Ribonucleic Acid from Bakers’ Yeast: J. T. Madison, S. J. Boguslawski, G. H. Teetor

Unilateral Increase of Auditory Sensitivity following Early Auditory Exposure: K. R. Henry

Decay of Information in Short-Term Memory: A. Wingfield and D. L. Byrnes

Wavelength Effect on Visual Latency: F. S. Weingarten


COVER

First sheet of patent for the Sperry basic gyrocompass patent (1911). Key: 2, gyro wheel case; 10, cardan ring; 17, phantom; 18, suspension or torsion wire; 19, gimbal ring; 21, horizontal pivots; 27, compass card; 28 and 29, gears driven by servomotor (not shown); 31, trolley; 32, contacts; 49, bail; 49b, yielding connection. From Elmer Sperry: Inventor and Engineer, reviewed on page 668.
Editor's Summary

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