News and Comment

Nobel Awards—Physics and Chemistry . . Cuban Aftermath—Impediments to a Test Ban

Book Reviews

Genetics, the Axial Thread of Biology: A. G. Bearn
E. M. Kosower's Molecular Biochemistry, reviewed by M. L. Bender; other reviews

Reports

Placebo Effect in the Rat: R. J. Herrnstein
Corticospinal Connections: Postnatal Development in the Rhesus Monkey: H. G. J. M. Kuypers
Imprinting by Force: C. E. Rice
Alarm Reaction of the Top Smelt, Atherinopsis affinis (Ayres): W. A. Skinner, R. D. Mathews, R. M. Parkhurst
Semilogarithmic Plots of Data Which Reflect a Continuum of Exponential Processes: H. D. Van Lier
Chemiluminescence of Firefly Luciferin without Enzyme: H. H. Seliger and W. D. McElroy
Evoked Responses to Clicks and Electroencephalographic Stages of Sleep in Man: H. L. Williams, D. I. Tepas, H. C. Morlock, Jr.
Blood Group A Active Substances in Embryonated Chicken Eggs and Their Relation to Egg-Grown Virus: G. F. Springer and H. Tritel
Partitioning of Body Fluids in the Lake Nicaragua Shark and Three Marine Sharks: T. B. Thorson
Cholinergic Tracing of a Central Neural Circuit Underlying the Thirst Drive: A. E. Fisher and J. N. Coury
Quantitative Analysis of Blood Circulation through the Frog Heart: K. T. DeLong
Effect of Malathion Analogs upon Resistant and Susceptible Culex tarsalis Mosquitoes: W. C. Dauterman and F. Matsumura

Association Affairs

Moving Frontiers of Science

Departments

Meetings: Limnologists and Oceanographers Discuss Lakes, Rivers, and Aquatic Life; The Teaching of Science; Forthcoming Events
New Products

Cover

Left, The earth, taken in infrared radiation, from a height of about 70 miles. The Pacific Ocean is on the horizon, with Los Angeles near the upper right. The largest dark area on the left is the Gulf of California. Right, Andromeda Nebula, the nearest large spiral nebula, distant about 9 x 10^6 miles. See page 653.