LETTERS
Ethics, Law, and the Universities: M. S. Marshall and J. P. Sutton; World Trade in Technology: S. V. Hart; College Boards for Biology: A. B. Grobman; Prestige in the Two Cultures: L. A. Stone

EDITORIAL
Basic Research Journals

ARTICLES
Dendrites: W. A. Tiller
Understanding of this familiar phenomenon has led to the development of useful man-made materials.

Growth, Maturation, and Senescence in Fruits: J. B. Biale
Recent knowledge on growth regulation and on biological oxidations has been applied to studies with fruits.

Underwater Sound: Deep-Ocean Propagation: R. A. Frosch
Variations of temperature and pressure have great influence on the propagation of sound in the ocean.

Original papers are used as textbooks in a university course for nonscience students.

NEWS AND COMMENT
Nobel Prize: Three Honored in Physics; Astronomy: Proposals for Major Construction Program; Sartre: The Other Culture

Report from Europe: Genetics at Cologne: V. K. McElheny

BOOK REVIEWS
Copolymerization, reviewed by C. Walling; other reviews by L. Carmichael, A. Ruthmann, K. K. Innes, R. E. Schultes, C. L. Christ, C. D. Hurd

REPORTS
Lunar Occultation of X-ray Emission from the Crab Nebula: S. Bowyer et al.


Meteoritic Zircon: U. B. Marvin and C. Klein, Jr.

Synergism between a Lactate Dehydrogenase–Elevating Virus and Eperythrozoon cocoides: V. Riley

Phosphorus Excretion and Body Size in Marine Animals: Microzooplankton and Nutrient Regeneration: R. E. Johannes
Genetic Regulatory Mechanisms at the Population Level in Man: P. A. Parsons
Sporangium Discharge in Pilobolus: A Photographic Study: R. M. Page
Ionizing Radiation: Effect on Genetic Transcription: E. C. Pollard
Crustacea: A Primitive Mediterranean Group also Occurs in North America: B. Maguire, Jr.
Epidermal Papillomas with Virus-like Particles in Flathead Sole, Hippoglossoides elassodon: S. R. Wellings and R. G. Chuitard
Antibody Plaque Formation by Normal Mouse Spleen Cell Cultures Exposed in vitro to RNA from Immune Mice: H. Friedman
Enzootic Sendai Virus Infections in Mouse Breeder Colonies within the United States: J. C. Parker et al.
Control of Synthesis of RNA and Protein in Diapausing and Injured Cecropia Pupae: S. J. Berry, A. Krishnakumaran, H. A. Schneiderman
California Sparrows Return from Displacement to Maryland: L. R. Mewaldt
Collagenolytic Activity of Intact and Necrotic Connective Tissue: E. R. Goldstein, Y. M. Patel, J. C. Houck
Immunity and Susceptibility toward Cheek Pouch Transplants of a Mouse Leukemia: R. A. Adams
Bats: Sensitivity to DDT: M. M. Luckens and W. H. Davis
Sex-Linked Albinism in the Japanese Quail: J. K. Lauber
Mirror Display in the Squirrel Monkey, Saimiri sciureus: P. D. MacLean
Puromycin Effect on Memory Fixation in the Goldfish: B. W. Agranoff and P. D. Klinger

ASSOCIATION AFFAIRS
Environmental Variables in Disease

MEETINGS
History of Microbiology: R. N. Doetsch; Interferon: M. M. Sigel; Mitochondrial Structure and Function—A "Composium": B. Chance and R. W. Estabrook; Forthcoming Events

COVER
Migratory white-crowned sparrow (Zonotrichia leucophrys gambelii) at its wintering ground near San Jose, California. Birds of this species nest in northern Canada or Alaska and return each fall to the same location in California. They also have the ability to go back to the same winter home after artificial displacement across the continent. See page 941. [William K. Kirsher, Menlo Park, California]