LETTERS
Science planks and party platforms, R. E. Lapp—Jargon of genetics, C. Fulton—
Chemical inhibition of viruses, T. D. Brock, I. Tamm, H. J. Eggers—
Serendipity, T. G. Remer—Basic research on a problem, W. Spieth—
Antimalarial sprays and death rates—H. Frederiksen—
Medical education, R. W. Christie, I. P. Glauber, E. G. Dimond

EDITORIAL
Letters to the Editor

ARTICLES
Effects of Cosmic Rays on Meteorites: M. Honda and J. R. Arnold
Meteorites are more suitable than terrestrial targets for studying the fossil
record of cosmic radiation.

Hormones and Sexual Behavior: W. C. Young, R. W. Goy, C. H. Phoenix
Broad relationships exist between the gonadal hormones and behavior.

Trends in Scientific Research: P. H. Abelson
Rapid evolution of the frontiers is a hazard for scientists young and old.

NEWS AND COMMENT
Mobole: The Project That Went Awry (II)—Tobacco: PHS Says It's Bad—
Federal Pay: Beyond the Salary Gap

BOOK REVIEWS
Culture: The Not Too Tender Trap: R. L. Scheele
A Manager's Guide to Operations Research and Operations Research in Research
and Development, reviewed by M. K. Starr; other reviews

REPORTS
Solar Minimum and the International Years of the Quiet Sun: H. W. Dodson and
E. R. Hedeman
Basaltic Cone Suggests Constructional Origin of Some Guyots: M. N. Christensen
and C. M. Gilbert
Acid of Krypton and Its Barium Salt: A. G. Streng and A. V. Grosse
Pleistocene Chipped Stone Tool on Santa Rosa Island, California: P. C. Orr

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Infrared Study of the OH Groups in Expanded Kaolinite: R. L. Ledoux and J. L. White .................................................. 244
Polonium 210: A Volatile Radioelement in Cigarettes: E. P. Radford, Jr., and V. R. Hunt .................................................. 247
Precipitins in the Rabbit Produced by Protein Polysaccharide from Bovine Nasal Cartilage: N. Di Ferrante .................................................. 250
Hemoglobin Solubility and α-Chain Structure in Crosses between Two Inbred Mouse Strains: J. J. Hutton et al. ......................... 252
Wheat: Reconstitution of the Tetraploid Component (AABB) of Hexaploids: E. R. Kerber .................................................. 253
Joint Occurrence of a Lichen Depsidone and Its Probable Depside Precursor: C. F. Culberson .................................................. 255
Photoelectric Ecosystem: N. E. Armstrong and H. T. Odum .................................................. 256
New Papovavirus Contaminating Shope Papillomata: J. W. Hartley and W. P. Rowe ......................... 258
Stretch Receptor-Like Organs in the Fly Larva: Their Possible Role in Growth Regulation: J. M. Whitten .................................................. 260
Ameiotic Alternation of Generations: A New Life Cycle in the Ferns: A. M. Evans .................................................. 261
Sleep Tendencies: Effects of Barometric Pressure: W. B. Webb and H. Ades .................................................. 263
Children's Language: Word-Phrase Relationship: J. Huttenlocher .................................................. 264
Student Performance in New High School Biology Programs: H. Grobman .................................................. 265

MEETINGS
New Perspectives in Biology; Forthcoming Events .................................................. 267

DEPARTMENTS
New Products .................................................. 275

COVER
After polycarbonate resin film has been bombarded with fission fragments and etched in a hot solution of sodium hydroxide, uniform holes about 5 microns in diameter are produced. Plastic filters developed by this method can be used to separate cancer cells from blood cells (about × 1420). See page 249.