

verman, Ed. Plenum, New York, 1966. 199 pp. Illus. \$12.50.

Peroxides, Superoxides, and Ozonides of Alkali and Alkaline Earth Metals. Il'ya Ivanovich Vol'nov. Translated from the Russian edition (Moscow, 1964) by J. Woroncow. A. W. Petrocelli, Translation Ed. Plenum, New York, 1966. 160 pp. Illus. \$9.

Physiology of Mollusca. vol. 2. Karl M. Wilbur and C. M. Yonge, Eds. Academic Press, New York, 1966. 659 pp. Illus. \$22. Fifteen papers.

Planetology and Space Mission Planning (*Ann. N.Y. Acad. Sci.* 140). Edward M. Weyer, Ed. New York Acad. of Sciences, New York, 1966. 683 pp. Illus. Paper. Forty-nine papers presented at a conference held in November 1965.

Play, Exploration and Territory in Mammals. Proceedings of a symposium (London), November 1965. P. A. Jewell and Caroline Loizos, Eds. Published for the Zoological Soc. of London. Academic Press, New York, 1966. 294 pp. Illus. \$11.50. Fifteen papers.

Problems of Cell Permeability. A. S. Troshin. Translated from the Russian edition by M. G. Hell. W. F. Widdas, Translation Ed. Pergamon, New York, 1966. 563 pp. Illus. \$18.50. International Series of Monographs in Pure and Applied Biology, vol. 26.

Progress in Aeronautical Sciences. vol. 8. D. Küchemann, Ed. Pergamon, New York, 1967. 439 pp. Illus. \$21.50. Five papers.

Radiation Trapped in the Earth's Magnetic Field. Proceedings of the Advanced Study Institute (Bergen, Norway), August-September 1965. Billy M. McCormac, Ed. Reidel, Dordrecht-Holland; Gordon and Breach, New York, 1966. 915 pp. Illus. \$45. Fifty-seven papers. Astrophysics and Space Science Library Series.

Rolling Bearing Analysis. Tedric A. Harris. Wiley, New York, 1967. 497 pp. Illus. \$27.50.

Science and the Educated Man. Selected speeches of Julius A. Stratton. M.I.T. Press, Cambridge, Mass., 1966. 194 pp. \$5.

Topics in the Biology of Aging. A symposium (San Diego, Calif.), November 1965. Sponsored by The Salk Institute. Peter L. Krohn, Ed. Interscience (Wiley), New York, 1966. 191 pp. Illus. \$9.75. Ten papers.

Turkish Village. Paul Stirling. Wiley, New York, 1966. 330 pp. Illus. Paper, \$1.95. Reprint, 1965 edition.

Vertebrate Paleontology. Alfred Sherwood Romer. Univ. of Chicago Press, Chicago, ed. 3, 1966. 478 pp. Illus. \$10.

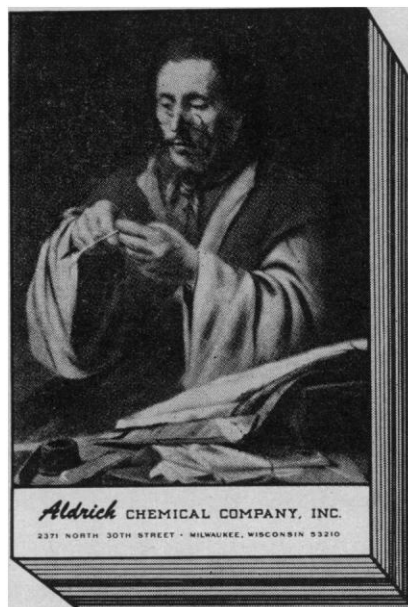
Visible Speech. Ralph K. Potter, George A. Kopp, and Harriet Green Kopp. Dover, New York, 1966. 453 pp. Illus. \$12.50. Reprint, 1947 edition.

Watching for the Wind: The Seen and Unseen Influences on Local Weather. James G. Edinger. Doubleday, Garden City, N.Y., 1967. 158 pp. Illus. \$4.50.

The Wisdom of Evolution. Raymond J. Nogar. New American Library, New York, 1966. 368 pp. Illus. Paper, 95¢. Reprint, 1963 edition.

X-Rays and Their Applications. J. G. Brown. Plenum, New York, 1966. 258 pp. Illus. \$12.

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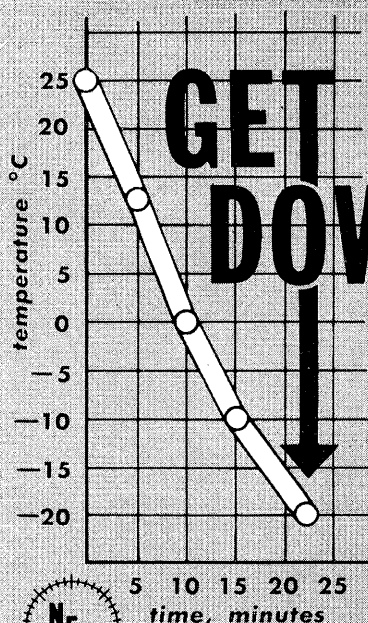
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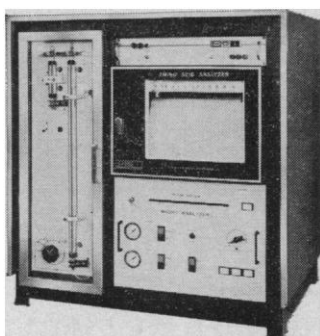
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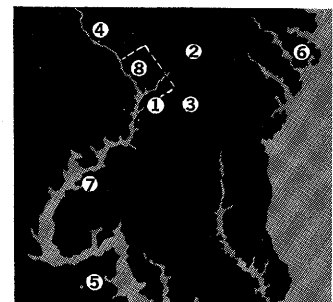
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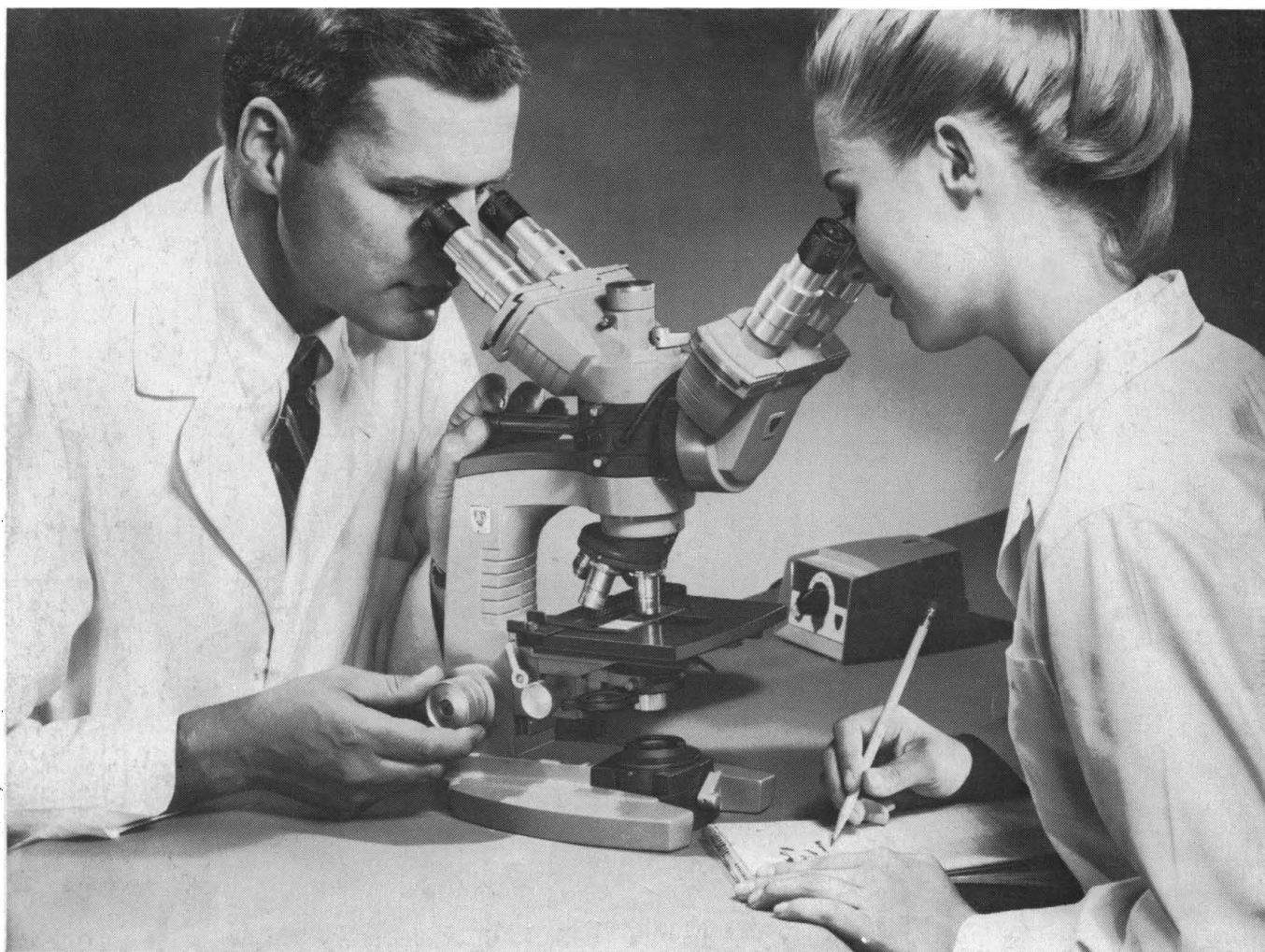


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