Professional. Herman M. Weisman. Wiley, New York, 1968. xiv + 218 pp. \$6.95. Wiley Series on Human Communication.

Technique of Inorganic Chemistry. Vol. 7. Hans B. Jonassen and Arnold Weissberger. Interscience (Wiley), New York, 1968. viii + 327 pp., illus. \$16.

Theoretical Mechanics. A Short Course. S. Targ. Gordon and Breach, New York, 1967. 421 pp., illus. \$17.50; \$14 prepaid. Russian Monographs and Texts on Advanced Mathematics and Physics, vol. 14.

The Theory of Applied Probability. Richard C. Dubes. Prentice-Hall, Englewood Cliffs, N.J., 1968. xviii + 506 pp., illus. \$12.95. Prentice-Hall Electrical Engineering Series.

Theory of Finite Groups. Applications in Physics. Symmetry Groups of Quantum Mechanical Systems. Laurens Jansen and Michael Boon. North-Holland, Amsterdam; Interscience (Wiley), New York, 1967. xii + 367 pp., illus. \$19.

Theory of Stellar Spectra. V. V. Sobolev. Translated from the Russian edition (Moscow, 1966). National Aeronautics and Space Administration, Washington, D.C., 1967 (available from Clearinghouse for Federal Scientific and Technical Information, Springfield, Va., as F-457). vi + 279 pp., illus. Paper, \$3.

To Change a Child. A Report on the Institute for Developmental Studies. Fred Powledge. Published in cooperation with the Anti-Defamation League of B'nai B'rith by Quadrangle Books, Chicago, 1967. x + 110 pp., illus. Cloth, \$5.50; paper, \$2.25.

Vectors. E. H. Leaton. Wiley, New York, 1968. 176 pp., illus. Paper, \$3.50. Mathematical Studies, No. 3.

War. The Anthropology of Armed Conflict and Aggression. Morton Fried, Marvin Harris and Robert Murphy, Eds. Published for the American Museum of Natural History by the Natural History Press, Garden City, N.Y., 1968. xxiv + 262 pp. \$6.95.

The Waring Papers. The Collected Works of Antonio J. Waring, Jr. Stephen Williams, Ed. Peabody Museum, Cambridge, Mass., 1968. xviii + 345 pp., illus. Cloth, \$10.50; paper, \$6. Peabody Museum of Archaeology and Ethnology, Harvard University, vol. 58.

Washington Colloquium on Science and Society. Second Series. Washington, D.C., 1965–1966. Morton Leeds, Ed. Mono Book Corp., Baltimore, 1967. xii + 201 pp. \$6.50.

Women's Two Roles. Home and Work. Alva Myrdal and Viola Klein. Humanities Press, New York; Routledge and Kegan Paul, London, ed. 2, 1968. xviii + 213 pp., illus. Cloth, \$5; paper, \$2.50. International Library of Sociology and Social Reconstruction.

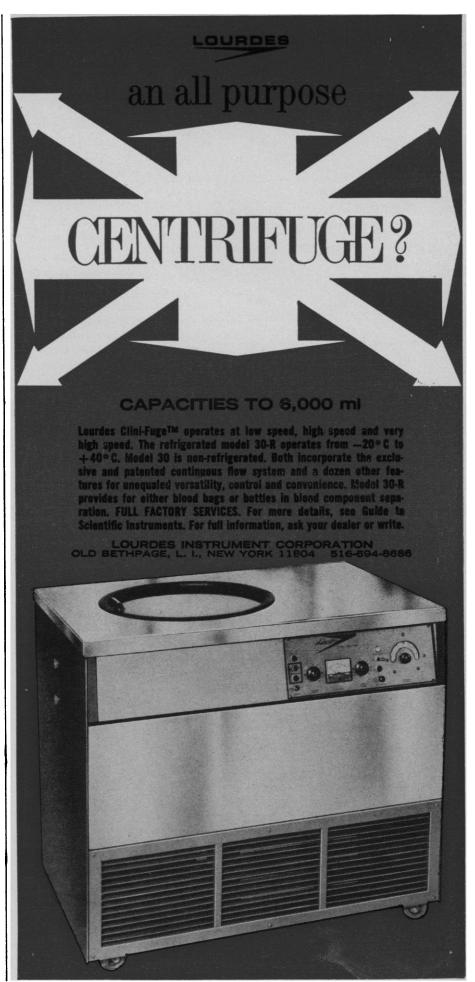
Wonders of Fossils. William H. Matthews III. Dodd, Mead, New York, 1968. 64 pp., illus. \$3.25.

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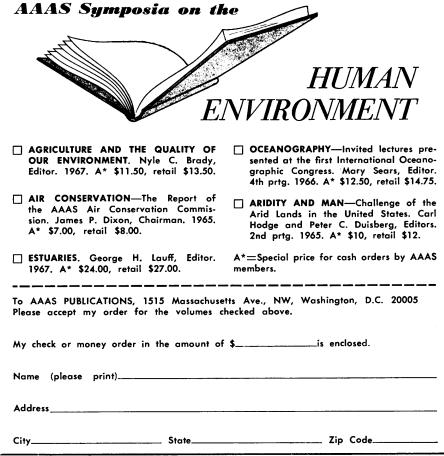
The World of the Ant. Text and photographs by David F. Costello. Lippincott, Philadelphia, 1968. 160 pp. \$5.95. Living World Books.

The World of the Ocean Depths. Robert Silverberg. Meredith Press, New York, 1968. 156 pp., illus. \$4.95.

The Year Book of the Royal Society of London 1968. The Royal Society, London, 1968. 388 pp. \$2.75.







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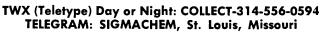
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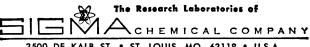
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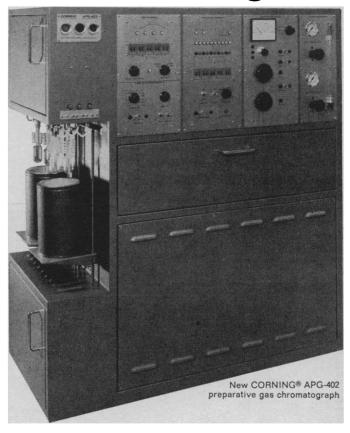
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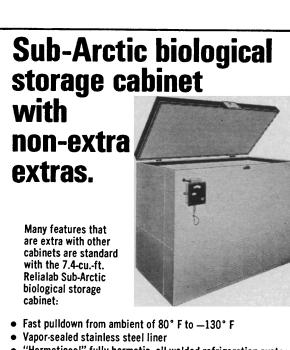
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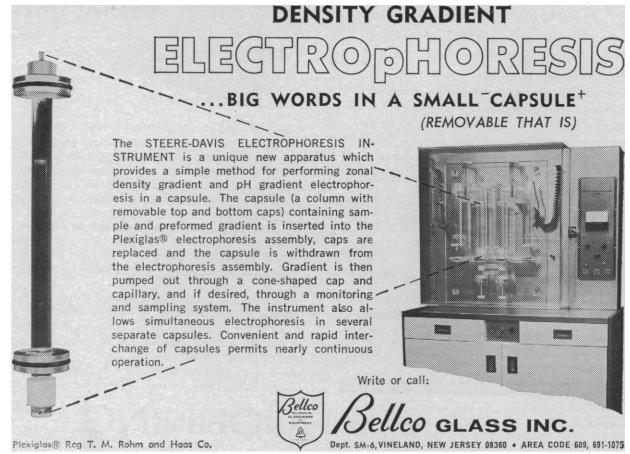
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6/14

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