

Part two ("Man's past: environments, relics, ancestors") addresses itself to the anthropological problems, methods, and theories that emphasize time-depth. Part three ("Other considerations of theory") touches on supplementary questions of method and theory, with the primary emphasis on process rather than time. Part four ("Practical affairs") discusses the practical achievements of anthropology and its influences both on the general public and in the fields of education, art, industry, and government. Part five ("Regional round-up: Europe and southwest Asia"), the first of an annual series of areal round-ups, contains reports on anthropological activities in various countries as seen by scholars who are active in the countries or regions under discussion. Part six is devoted to "Reference data" and includes a listing of medals, awards, and memorial lectures in anthropology; of professional associations; and of doctoral dissertations in anthropology submitted to the various universities of the world. The admitted gaps in reference information will be filled in future issues, but the magnitude of the task is indicated by the fact that the lists go back to the turn of the century and run through the end of 1954.

It is difficult to do justice to such an important (and handsome) book in a brief review. It is *not* a collection of abstracts, although these may appear in future issues; and it is possible that certain papers are too wide in scope. However, the *Yearbook's* format is fluid and, quite apart from the cyclical nature of the regional round-ups, different contributors and new developments will lend a special flavor to each succeeding volume.

This book is addressed to anthropological specialists, to scholars and students in other disciplines, and to the educated public. It is a measure of the *Yearbook's* worth that it can be read with pleasure and profit by such a diversified group. However, it must be noted with regret that this book, being frankly experimental, was not intended for commercial sale. Text and trade editions, comprising parts one through three, will be published this year by the University of Chicago Press.

S. H. POSINSKY  
University College, Rutgers University

## Books Reviewed in

### The Scientific Monthly, June

*Niels Bohr and the Development of Physics*, W. Pauli, Ed., assisted by L. Rosenfeld and V. Weisskopf (McGraw-Hill; Pergamon). Reviewed by B. T. Feld.

*The Microbes' Contribution to Biology*, A. J. Kluyver and C. B. Van Niel (Harvard University Press). Reviewed by M. H. Adams.

*The Caves Beyond*, J. Lawrence, Jr., and R. W. Brucker (Funk & Wagnalls). Reviewed by A. C. McFarlan.

*Biochemistry: an Introductory Textbook*, F. Haurowitz (Wiley; Chapman & Hall). Reviewed by M. Korzenovsky.

*Molecular Beams*, K. F. Smith (ed. 2 of *Molecular Beams*, by R. Fraser), (Methuen; Wiley). Reviewed by I. Estermann.

*Science and Freedom, a Symposium*, Congress for Cultural Freedom (Beacon). Reviewed by N. Rashevsky.

*The Secret of the Hittites*, C. W. Ceram (American ed. 1, Knopf). Reviewed by G. W. Van Beek.

*The Unleashing of Evolutionary Thought*, O. Riddle (Vantage). Reviewed by P. B. Sears.

*The Expression of the Emotions in Man and Animals*, C. Darwin (authorized ed., Philosophical Library). Reviewed by A. Reissner.

*Observational Astronomy for Amateurs*, J. B. Sidgwick (Faber and Faber, distributed by Macmillan). Reviewed by J. Q. Stewart.

*Wild America*, R. T. Peterson and J. Fisher (Houghton Mifflin). Reviewed by A. E. Eynon.

## New Books

*Weather Analysis and Forecasting*, vol. 1. *Motion and Motion Systems*. Sverre Petterssen. McGraw-Hill, New York, ed. 2, 1956. 428 pp. \$8.50.

*Earth, Sky and Sea*. Auguste Piccard. Translated by Christina Stead. Oxford University Press, New York, 1956. 192 pp. \$4.

*Principles of Embryology*. C. H. Waddington. Macmillan, New York, 1956. 510 pp. \$7.50.

*Agricultural Ecology*. Girolama Azzi. Constable, London, 1956 (order from Essential Books, Fair Lawn, N.J.). 424 pp. \$7.20.

*What Makes a College? A History of Bryn Mawr*. Cornelia Meigs. Macmillan, New York, 1956. 277 pp. \$5.

*Perception and the Representative Design of Psychological Experiments*. Egon Brunswik. University of California Press, Berkeley, 1956. 154 pp. \$5.

*Biology*. Relis B. Brown. Heath, Boston, 1956. 658 pp. \$6.50.

*The Biochemistry and Physiology of Bone*. Geoffrey H. Bourne, Ed. Academic Press, New York, 1956. 875 pp.

*The Direction of Human Development*. Biological and social bases. M. F. Ashley Montagu. Harper, New York, 1955. 404 pp. \$5.

*Plane Trigonometry*. E. Richard Heine-man. McGraw-Hill, New York, ed. 2, 1956. 239 pp. \$3.75.

*New Concepts of Healing*. Medical, psychological, and religious. A. Graham Ikin. Association Press, New York, 1956 (rev. American edition; printed in Great Britain by Hodder & Stoughton, 1955). 262 pp. \$3.50.

*Modern Naval Architecture*. W. Muckle. Philosophical Library, New York, 1956. 154 pp. \$4.75.

*Modern Marine Engineering*. D. W. Rudorff. Philosophical Library, New York, 1956. 154 pp. \$4.75.

## Miscellaneous Publications

(Inquiries concerning these publications should be addressed, not to Science, but to the publisher or agency sponsoring the publication.)

*Taxonomic Appraisal and Occurrence of Fleas at the Hastings Reservation in Central California*. Publ. in Zoology, vol. 54, No. 5. Jean M. Linsdale and Betty S. Davis. 78 pp. \$1.50. *The Frankliniella Occidentalis (Pergande) Complex in California (Acarina: Trombiculidae)*. Publ. in Entomology, vol. 10, No. 6. Douglas E. Bryan and Ray F. Smith. 52 pp. \$0.75. *The Larval Trombiculid Mites of California (Acarina: Trombiculidae)*. Publ. in Entomology, vol. 11, No. 1. Douglas J. Gould. 116 pp. \$2. University of California Press, Berkeley-Los Angeles, 1956.

*International Scientific Radio Union, Proceedings of the XIth General Assembly*. Held in The Hague from 23 August to 2 September 1954. vol. X, pt. 7, *Commission VII on Radioelectronics*. International Scientific Radio Union, Brussels, Belgium, 1954. 140 pp. \$3.

*American Malacological Union and American Malacological Union Pacific Division, Annual Reports for 1955*. With membership list revised 31 December 1955. Bull. 22. Buffalo Museum of Science, Buffalo, N.Y., 1956. 58 pp.

*Copper Wire Tables*. NBS Circular 31. U.S. National Bureau of Standards, Washington 25, ed. 4, 1956 (order from Supt. of Documents, GPO, Washington 25). 36 pp. \$0.30.

*Laboratory Tests in Common Use*. Solomon Garb. Springer, New York, 1956. 160 pp. \$2.

*Fine Structure of Cells*. Symposium held at the VIIIth Congress of Cell Biology, Leiden, Belgium, 1954. International Union of Biological Sciences, Ser. B, No. 21. Noordhoff, Groningen, Netherlands, 1955. 321 pp.

*Secondary Elasticity*. A general mathematical theory of elastic secondary stress in continuous media. Monogr. Ser. No. 1, vol. 1, No. 1. P. L. Sheng. Chinese Association for the Advancement of Science, Taiwan, 1955. 138 pp.

*International Technical Conference on the Conservation of the Living Resources of the Sea, Papers Presented*. Rome, 18 April-10 May 1955. United Nations, New York, 1956 (order from Columbia University Press, New York). 371 pp. \$3.

*Statistical Analysis of Highway Accidents*. Highway Research Bd. Bull. 117. 31 pp. \$0.75. *Effects of Chlorination and Microorganisms and Constituents of Asphalts*. Bull. 118. 48 pp. \$0.90. *Factors Influencing Travel Patterns*. Bull. 119. 94 pp. \$1.80. *The Use of Chemical Additives in Food Processing*. A report by the Food Protection Committee of the Food and Nutrition Board. Publ. 398. 91 pp. \$2. National Academy of Sciences-National Research Council, Washington, 1956.

*L'Alimentation minérale du bétail au Congo Belge*. Série Technique No. 48. L. Hennaux. Institut National pour l'Étude Agronomique du Congo Belge, Brussels, Belgium, 1956. 115 pp. F. 160.

*Marine Polychaete Worms from Labrador*. *Proceedings*, vol. 105, No. 3361. Marian H. Pettibone. U.S. National Museum, Washington, 1956. 54 pp.