

the triple point of water as 0.0098°C, although the Ninth General Conference on Weights and Measures (1948) adopted [*Science* 109, 100 (1949)] and the Tenth Conference (1954) reaffirmed [*Science* 120, 1008 (1954)] the triple point of water as 0.0100° Celsius (centigrade), thus displacing, as a fundamental fixed point, the inexact and ill-defined freezing point of water under atmospheric conditions.

Brey has fine gifts for direct, clear, and interesting exposition. Except in those chapters where the condensation has caused a sense of breathless haste, the treatment moves forward smoothly, faultless language serving to establish the degree of comprehension that the writer has deemed reasonable. The purposes of the book are good, and minor technical imperfections of fact or treatment do not seriously detract or keep it from presenting physical chemistry in a way that will specifically suit the early student of biological science.

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## New Books

*Electronic Measuring Instruments.* E. H. W. Banner. Macmillan, New York, ed. 2, 1958. 512 pp. \$7.95.

*Selected Writings of John Hughlings Jackson.* vol. I, *On Epilepsy and Epileptiform Convulsions.* vol. II, *Evolution and Dissolution of the Nervous System. Speech. Various Papers, Addresses and Lectures.* James Taylor, Ed. Basic Books, New York, 1958. 514 pp.; 518 pp. \$15 per set.

*The Evolution of Development.* Three special lectures given at University College, London. John Tyler Bonner. Cambridge Univ. Press, New York, 1958. 110 pp. \$3.50.

*Psychopharmacology.* Pharmacologic effects on behavior. Harry H. Pennes. Hoeber-Harper, New York, 1958. 375 pp. \$8.

*We, the Tikopia.* A sociological study of kinship in primitive Polynesia. Raymond Firth. Allen & Unwin, London, ed. 2, 1958 (order from Macmillan, New York). 631 pp. \$7.50.

*Thinking.* An experimental and social study. Basic Books, New York, 1958. 203 pp. \$4.

*Borradaile's Manual of Elementary Zoology.* Revised by W. B. Yapp. Oxford Univ. Press, New York, 1958. 777 pp.

*Frontiers in Science.* A survey. Edward Hutchings, Jr., Ed. Basic Books, New York, 1958. 362 pp. \$6.

*Language, Thought, and the Human Mind.* Chester A. Lawson. Michigan State Univ. Press, East Lansing, 1958. 117 pp. \$4.50.

*Langenscheidts Fachwörterbuch Wehrwesen.* Englisch. Englisch-Deutsch. Deutsch-Englisch. Friedrich Krollmann. Philosophical Library, New York; Langenscheidt, Berlin, 1957. \$10.

*The Evolution of Genetic Systems.* C. D. Darlington. Basic Books, New York, rev. ed. 2, 1958. 275 pp. \$5.50.

*Structure and Evolution of the Stars.* Martin Schwarzschild. Princeton Univ. Press, Princeton, N.J., 1958. 314 pp. \$6.

*Textbook of Organic Chemistry.* Carl R. Noller. Saunders, Philadelphia, ed. 2, 1958. 664 pp.

*Upper Cretaceous of the Pacific Coast.* Memoir 71. F. M. Anderson. Geological Soc. of America, New York, 1958. 378 pp.

*Biology and Human Progress.* Louis Eisman and Charles Tanzer. Prentice-Hall, Englewood Cliffs, N.J., ed. 2, 1958. 560 pp.

*Experimental General Chemistry.* J. W. Neckers, T. W. Abbott, K. A. Van Lente. Crowell, New York, ed. 3, 1958. 325 pp. Paper, \$3.50.

*The Study of Comparative Government and Politics.* Gunnary Heckscher. Macmillan, New York, 1957. 172 pp. \$4.25.

*A Critical Review of the Techniques for Testing Insecticides.* J. R. Busvine. Commonwealth Inst. of Entomology, London, 1957. 208 pp. 30s.

*Theory of Psychoanalytic Technique.* Menninger Clinic Monogr. Ser. No. 12. Karl Menninger. Basic Books, New York, 1958. 219 pp. \$4.75.

*Experiments in Physical Science.* Allen D. Weaver and James F. Glenn. Brown, Dubuque, Iowa, 1958. 196 pp. \$3.

*Actions chimiques et biologiques des radiations.* "Radiolyse de liquides organiques," Milton Burton; "Polymérisation amorcée par les radiations ionisantes," A. Chapiro and M. Magat; "Effets des rayonnements de grande énergie sur les polymères," A. Charlesby. Masson, Paris, 1958. 222 pp.

*Teaching High School Science: A Book of Methods.* Paul F. Brandwein, Fletcher G. Watson, Paul E. Blackwood. Harcourt, Brace, New York, 1958. 598 pp.

*Principles of Geochemistry.* Brian Mason. Wiley, New York; Chapman & Hall, London, ed. 2, 1958. 317 pp. \$8.50.

*Foundations of Information Theory.* Amiel Feinstein. McGraw-Hill, New York, 1958. 147 pp. \$6.50.

*The Origins of the English Library.* Raymond Irwin. Allen & Unwin, London, 1958 (order from Macmillan, New York). 255 pp. \$4.50.

*Foundations of Embryology.* Bradley M. Patten. McGraw-Hill, New York, 1958. 594 pp. \$9.50.

*Electronic Instrumentation for the Behavioral Sciences.* Clinton C. Brown and Rayford T. Saucer. Thomas, Springfield, Ill., 1958. 174 pp. \$5.50.

*African Economic Development.* William A. Hance. Harper (for the Council on Foreign Relations), New York, 1958. 317 pp. \$4.95.

*Les Limitations internes des formalismes.* Etude sur la signification du théorème de Gödel et des théorèmes apparentés dans la théorie des fondements des mathématiques. Jean Ladrière. Nauwelaerts, Louvain, Belgium; Gauthier-Villars, Paris, 1957. 728 pp. Bel. F. 650.

*A Primer of Cerebral Palsy.* Joseph D. Russ and Hyman R. Soboloff. Thomas, Springfield, Ill., 1958. 77 pp. \$4.

## Miscellaneous Publications

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

*Le Climat Pluviométrique des Basses Cévennes.* Monographies de la Météorologie Nationale, No. 7. R. Rebotier. 28 pp. *Prévision du Temps sur le Bassin du Congo.* Monographies de la Météorologie Nationale, No. 9. G. Jeandidier and P. Rainteau. 13 pp. Ministère des Travaux Publics, des Transports et du Tourisme, Paris, 1957.

*ECPD, 25th Annual Report for the Year Ending September 30, 1957.* Engineers' Council for Professional Development, New York 18, 1958. 79 pp. \$1.

*Licht, Materie, Weltall im Einheitlichen Naturbild.* Ewald Helmut Lupfert. Birkenkopf, Stuttgart, Germany, 1958. 76 pp. DM. 4.

*Plant Physiology.* Laboratory exercises. Paul C. Lemon. Brown, Dubuque, Iowa, 1958. 171 pp. \$3.

*1958 Heat Transfer and Fluid Mechanics Institute.* Preprint of papers. Held at University of California, Berkeley, 19-21 June 1958. Stanford Univ. Press (for the Heat Transfer and Fluid Mechanics Inst.), Stanford, Calif., 1958. 264 pp. \$8.50.

*Development, Growth, and State of the Atomic Energy Industry.* Hearings before the Joint Committee on Atomic Energy, Congress of the United States, Eighty-Fifth Congress, Second Session. Joint Committee on Atomic Energy, Washington, 1958 (order from Supt. of Documents, GPO, Washington 25). 624 pp.

*School Finance and School Business Management.* Responsibilities and Services of State Departments of Education. Misc. No. 29. Clayton D. Hutchins, Albert R. Munse, Edna D. Booher. U.S. Office of Education, Washington, 1958 (order from Supt. of Documents, GPO, Washington 25). 78 pp. \$0.60.

*Distribution of Meteoritic Debris about the Arizona Meteorite Crater.* Contrib. to Astrophysics, vol. 2, No. 7. John S. Rinehart. 16 pp. \$0.20. *Orbital Data and Preliminary Analyses of Satellites 1957a and 1957b.* Contribs. to Astrophysics, vol. 2, No. 10. Compiled by F. L. Whipple, L. G. Boyd, J. A. Hynek, G. F. Schilling. 50 pp. \$1. Smithsonian Institution, Washington 25, 1958 (order from Supt. of Documents, GPO, Washington 25).

*Health Statistics: Origin and Program of the U.S. National Health Survey.* A description of the developments leading to enactment of the National Health Survey Act, and a statement of the policies and initial program of the survey. 36 pp. \$0.25. *Health Statistics: Preliminary Report on Numbers of Persons Injured, United States, July-December 1957.* Statistics on the number of persons injured, the number of days of disability due to injuries, and class of accident. Based on data collected in household interviews during July-December 1957. 32 pp. \$0.30. U.S. Department of Health, Education, and Welfare, Washington, 1958 (order from Supt. of Documents, GPO, Washington 25).