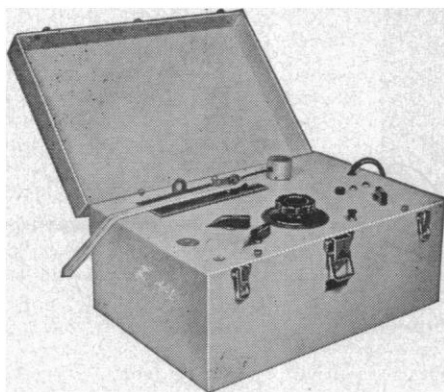


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Miscellaneous Publications

Advances in the Control of Zoonoses. WHO/FAO Seminar on Zoonoses, Vienna, November 1952. Geneva, Switz.: World Health Organization, 1953. 275 pp. Illus. \$3.00.

Australian and New Zealand Association for the Advancement of Science. Report of the 29th Meeting, Sydney, August 1952. J. F. Kefford, Ed. Sydney, Australia: A&NZAAAS, 1953. 386 pp. Illus.

Basic Body Measurements of School Age Children. A handbook for school officials, architects, and design engineers in planning school buildings, furniture, and equipment. W. Edgar Martin. Washington 25, D.C.: U.S. Department of Health, Education, and Welfare, 1953. 74 pp. Illus. Free on application to the School Housing Section, Office of Education.

Current Research on Vitamins in Trophology. Proceedings of the scientific sessions of the 8th annual meeting. Robert S. Goodhart, Ed. New York 22, N.Y.: National Vitamin Foundation, 1953. 157 pp. Illus. \$1.50.

Enriching the Years. New York State Joint Legislative Committee on Problems of the Aging, 1953. 199 pp. Illus. Free upon application to State Senator Thomas C. Desmond, 94 Broadway, Newburgh, N.Y.

Fourth Annual Report of the Commonwealth Scientific and Industrial Research Organization for the Year Ending June 30th, 1952. Canberra, Australia: L. F. Johnston (for the Government of the Commonwealth of Australia), 1953. 173 pp. 10s.

Hospitals Served by American Red Cross Blood Program in 1952. Washington, D.C.: American National Red Cross, 1953. 144 pp. of tabular material.

Influenza: A Review of Current Research. Geneva, Switz.: World Health Organization, 1954. 223 pp. Illus. + plates. \$2.50.

Notes on Flycatchers of Genus Batis. Fieldiana: Zoology, Vol. 34, No. 10. Austin L. Rand. 16 pp. 35¢. **A Colombian Race of Tinamus osgoodi.** Vol. 34, No. 18. Emmet R. Blake. 2 pp. 15¢. **A New Fruit Pigeon from Nepal.** Vol. 34, No. 19. Austin L. Rand and Robert L. Fleming. 2 pp. 15¢. Chicago, Ill.: Chicago Natural History Museum, 1953.

Science in U.S.A. British Commonwealth Scientific Office review for the year ending June, 1952. London: Her Majesty's Stationery Office, 1953. 40 pp. Illus. 65¢. Order from: British Information Services, 30 Rockefeller Plaza, New York 20, N. Y.

Some Annelid and Sipunculid Worms of the Bimini Region. American Museum Novitates No. 1617. Warren Andrew and Nancy V. Andrew. New York City: American Museum of Natural History, 1953. 16 pp. Illus.

Toward Unity in Educational Policy. Report of the annual meeting of the organization members of the American Council on Education, Jan. 30-31, 1953. Raymond F. Howes, Ed. Washington 6, D. C.: American Council on Education, 1953. 223 pp. \$1.75.

Untersuchungen über die Entwicklung der Schädelform des Menschen und einiger Anthropoiden. Benno Kummer. Berlin-Nikolassee, Germany: Gebrüder Borntraeger, 1953. 44 pp. Illus. DM 9.

Use of Molasses in the Feeding of Farm Animals. Review and annotated bibliography. Tech. Report Ser., No. 9. Milton L. Scott, Comp. New York City: Sugar Research Foundation, 1953. 153 pp.

Von den Letzten Dingen. Eine Abhandlung vom Wesen und Wirken der Materie. Part I: Grundzüge eines Physikalischen Weltbildes a Priori. Leo Tamari. Basel, Switzerland: Ernst Reinhardt. 71 pp. 4.50 Sw. fr.

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In closing, however, I would like to discuss one point that relates not to the basic merit of the book but to its pedagogical outlook. The book is heavily slanted toward pathology and contains frequent excursions into the problems of cancer and other diseases. This is in line with the author's statement in the opening chapter that "in this book no pains will be taken to exclude any reference to the abnormal; indeed, every effort will be made to introduce enough histopathology to help the student to associate and correlate these two subjects [histology and pathology] as much as possible" (p. 7). I recognize that there are different views about the teaching of the human anatomical sciences. But I happen to be one of those who believe that histology is not the handmaiden of pathology; no more, indeed, than gross anatomy is the lackey of surgery or embryology the midwife of obstetrics. There are such things as first things; although, in the mad pedagogical whirl of today, this simple fact is too often lost sight of. I realize, for example, that one cannot properly teach the histology and cytology of the pancreas without reference to diabetes mellitus, but such reference is properly dictated and modified by the aim toward understanding *normal* pancreatic structure and function. The wisdom of distracting the attention of the beginning student with the problems of disease, however, is seriously to be questioned. One would be equally justified in attempting to teach surgical procedures in the first-year dissecting room; indeed, such attempts, unfortunately, are not unknown. Such digressions may serve temporarily to inflate the ego of the poorer medical student, but they do not fool the really good one. In addition, they cause the teacher deliberately to forfeit the last opportunity to give the student an understanding of the normal human body by focusing his attention elsewhere. The normal must be studied and appreciated before the abnormal; hence, at the beginning the latter had best be deliberately put aside wherever possible.

WILLIAM L. STRAUS, JR.

Laboratory of Physical Anthropology
The Johns Hopkins University

A List of the Names Proposed for Genera and Subgenera of Recent Mammals. From the publication of T. S. Palmer's *Index Genera Mammalium* 1904 to the end of 1951. L. R. Conisbee. London: British Museum (Natural History), 1953. 109 pp. 1£.

Palmer's *Index Genera Mammalium* (1904) has long been out of print. It is still so useful to the mammalian systematist that the very few copies appearing in the market command a large premium, but it is obviously now long out of date and therefore very incomplete. Mr. Conisbee has painstakingly completed it through 1951 by this excellent supplement. As in Palmer, the supplement gives at least the following essential data for each generic or subgeneric name: author, year, classification (order and family), original reference, type species, type locality, and derivation of the name (when ascertainable). There is also a

systematic list of names following the main, alphabetical listing. The work is accurate and nearly exhaustive. It is indispensable for those fortunate enough to have a copy of Palmer and helpful to anyone interested in zoological nomenclature. Its usefulness is, nevertheless, limited by the fact that it omits names of extinct genera and subgenera and that it is a supplement to a practically unobtainable work. What we still need is a complete new edition of Palmer.

Such a list arouses some thoughts on the progress and status of systematic mammalogy. A large sampling of its 611 generic and subgeneric names indicates that only about 25 percent of them were applied to newly discovered species, and even in those instances there is usually reason to challenge the author's opinion that generic or subgeneric distinction of the then new species was warranted. Some 60 percent of the names were applied to groups already well known but not earlier given subgeneric or generic rank. Nomenclatural inflation may be inevitable and may even be occasionally useful, but it does little or nothing to increase zoological knowledge. About 10 percent of the names from the start were invalid on purely nomenclatural grounds. So large a proportion of debris suggests an actual decline in knowledge or, at least wisdom. A final five percent, more or less, of the listed names were substitutes for previous names found invalid on nomenclatural grounds—attempts to clear up still older debris.

G. G. SIMPSON

Department of Geology and Paleontology
The American Museum of Natural History

New Books

Adaptation in Micro-Organisms. Third Symposium of the Society for General Microbiology, London, April, 1953. R. Davies and E. F. Gale, Eds. New York: Cambridge Univ. Press, 1953. 339 pp. Illus. + plates. \$6.00.

Cultural Patterns and Technical Change. Manual prepared by World Federation for Mental Health; Margaret Mead, Ed. Paris: Unesco, 1953. U.S. distr.: Columbia Univ. Press, New York. 348 pp. \$1.75.

International Review of Cytology, Vol. II. G. H. Bourne and J. F. Danielli, Eds. New York: Academic Press, 1953. 545 pp. Illus. \$11.00.

Chemical Methods in Industrial Hygiene. Frederick H. Goldman and Morris B. Jacobs. New York: Interscience, 1953. 274 pp. Illus. \$3.75.

Procedures in Experimental Metallurgy. A. U. Seybolt and J. E. Burke. New York: Wiley; London: Chapman & Hall, 1953. 340 pp. Illus. \$7.00.

Augustine to Galileo. The History of Science A.D. 400–1650. 1st American ed. A. C. Crombie. Cambridge, Mass.: Harvard Univ. Press, 1953. 436 pp. Illus. + plates. \$8.00.

Frontal Lobes and Schizophrenia. Second lobotomy Project of Boston Psychopathic Hospital. Milton Greenblatt and Harry C. Solomon, Eds. New York: Springer, 1953. 425 pp. Illus. \$12.50.

Surgery of the Biliary Tract, Pancreas, and Spleen. A handbook of operative surgery. Charles B. Puestow; illus. by Jessie W. Phillips. Chicago: Year Book Publ., 1953. 370 pp. Illus. \$9.00.

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PREPARATION FOR MEDICAL EDUCATION IN THE LIBERAL ARTS COLLEGE

By AURA EDWARD SEVERINGHAUS, HARRY J. CARMAN, Columbia University and WILLIAM E. CADBURY, JR., Haverford College. 400 pages, \$4.50.

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Meetings & Conferences

February

- 5-6. Chicago Ophthalmology Soc., annual clinical, Chicago, Ill. (F. W. Newell, 950 E. 59 St., Chicago 37.)
7. Assoc. for Research in Ophthalmology, Midwest Section annual, Chicago, Ill. (F. W. Newell, 950 E. 59 St., Chicago 37.)
- 8-9. Conf. on Marine Corrosion Problems, Berkeley, Calif. (Dept. of Conferences and Special Activities, Univ. of California, Berkeley.)
- 13-14. American Educational Research Assoc., Atlantic City, N.J. (F. W. Hubbard, 1201 16 St., NW, Washington, D.C.)
- 14-16. National Soc. of College Teachers of Education, Atlantic City, N.J. (C. E. Eggertsen, School of Education, Univ. of Michigan, Ann Arbor.)
- 15-18. American Inst. of Mining and Metallurgical Engineers, New York City. (E. H. Robie, 120 E. 41 St., New York 17.)
- 15-18. Soc. of Economic Geologists, New York City. (O. N. Rove, U.S. Geological Survey, Washington 25, D.C.)
- 15-20. Latin American Cong. of Physical Medicine, Medellin, Colombia. (C. L. de Victoria, 176 E. 71 St., New York 21, N. Y.)
- 19-25. International Management Cong., 10th, São Paulo, Brazil. (P. S. M. Phillips, Management House, Hill St., London W. 1, Eng.)
- 20-21. American College of Apothecaries, Chicago, Ill. (R. E. Abrams, 2173 Knorr St., Philadelphia, Pa.)
- 25-27. American Acad. of Forensic Sciences, Chicago, Ill. (R. Turner, Dept. of Police Administration, Michigan State College, East Lansing.)
- 26-27. American Physical Society, Austin, Tex. (K. K. Darrow, Columbia Univ., New York 27.)
- 28-4. Pan American Assoc. of Oto-Rhino-Laryngology and Broncho-Esophagology, Mexico City, Mex. (C. L. Jackson, 1901 Walnut St., Philadelphia 3, Pa.)

March

- 4-5. American Soc. for Metals, mid-winter, Boston, Mass. (W. H. Eisenman, 7301 Euclid Ave., Cleveland 3, Ohio.)
6. Symposium on Air Pollution and Its Control, 2nd annual, Staten Island, N. Y. (N. Colosi, Wagner College, Staten Island, N. Y.)
- 8-9. National Symposium of Division of Organic Chemistry, Chemical Inst. of Canada, Montreal, Canada. (G. E. McCasland, Dept. of Chemistry, Univ. of Toronto, Toronto, Ont.)
- 8-10. American Inst. of Chemical Engineers, Washington, D.C. (S. L. Tyler, 120 E. 41 St., New York 17.)
- 8-10. The Wildlife Soc., annual, Chicago, Ill. (G. A. Petrides, Dept. of Fisheries and Wildlife, Michigan State College, East Lansing.)
- 9-12. American Mosquito Control Assoc., annual, Atlantic City, N.J. (R. E. Dorer, 301 Essex Bldg., Bank & Plume Sts., Norfolk, Va.)
- 11-13. American Orthopsychiatric Assoc., New York, N. Y. (M. F. Langer, 1790 Broadway, New York 19.)
- 11-13. Kappa Delta Pi, Lafayette, Ind. (E. I. F. Williams, 277 E. Perry St., Tiffin, Ohio.)
- 11-13. National Wildlife Federation, annual, Chicago, Ill. (L. F. Wood, 232 Carroll St., NW, Washington 12, D. C.)
- 15-19. National Assoc. of Corrosion Engineers, annual, Kansas City, Mo. (A. B. Campbell, 1061 M & M Bldg., Houston 2, Tex.)