

radiation damage was also reviewed, but the following topics were not taken up at the conference: the problems of injury from internally deposited radioisotopes, the genetic and delayed somatic effects of external radiation, and the rather extensive bone marrow transplantation research on small laboratory animals.

The book, however, is an important guide to the kinds of acute radiation accidents that have occurred in atomic energy establishments. It points out the significant diagnostic techniques that are needed to evaluate the degree of injury and outlines the major therapeutic procedures that have been used to treat those injured in such accidents. Future developments in diagnosis and treatment are considered in the controlled clinical research that follows whole body radiation and in experimental work on large animals.

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## Miscellaneous Publications

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

**American Museum of Natural History.** *Bulletin*, vol. 123, art. 7, pp. 357-421: "Vascular flora of Shades State Park and Pine Hills Natural Area, Indiana," Jack McCormick (Plates, \$2). The Museum, New York, 1962.

**Arctic Aeromedical Laboratory.** *Technical Report*, AAL TR 60-6: "Thyroid function in exercised rats," Merva Cottle (29 pp.); AAL TR 60-12: "Indoctrination procedures for personnel assigned to arctic sites," L. R. Eilbert (97 pp.); AAL TR 60-29: "Production and life span of erythrocytes during hibernation in the golden hamster," Mary Anne Brock (17 pp.); AAL TR 60-35: "The red cell and plasma volumes of the rat and of its individual tissues and organs during acclimation to cold," Newton B. Everett and Lorna Matson (18 pp.); AAL TR 60-39: "Temperature regulation in the nine-banded armadillo (*Dasypus novemcinctus mexicanus*)," Kjell Johansen (29 pp.); AAL TR 60-42: "A study of upper respiratory disease of personnel stationed at 18 remote radar sites in Alaska," Theodore G. Metcalf, Jerome P. Schmidt, and Robert E. Becker (14 pp.); AAL TR 60-47: "Hibernation and cold storage effects on the phosphates in hamster blood," Mary Anne Brock (10 pp.); AAL TR 61-4: "Mechanism of adaptation to a threonine-deficient diet. pt. 3. Effects of fat intake," Dorothy Arata (13 pp.); AAL TR 61-5: "Hibernation in mammals," Charles P. Lyman (23 pp.); AAL TR 61-7: "Studies on *Klebsiella pneumoniae* passed through mice maintained at low ambient temperatures," Stanley Marcus *et al.* (14 pp.); AAL TR 61-9: "Research and development of a new method of

waste disposal for isolated sites in the Arctic. pt. 1. Fundamentals of human waste incineration," Ernest M. Miholits (112 pp.); AAL TR 61-10: "Homeostasis in hibernation," Charles P. Lyman (8 pp.); AAL TR 61-11: "Distribution of blood in the arousing hibernator," Kjell Johansen (10 pp.); AAL TR 61-15: "Buoyancy and insulation in the muskrat *Ondatra zibethicus*," Kjell Johansen (6 pp.); AAL TR 61-16: "Observations on the wood frog *Rana sylvatica* in Alaska," Kjell Johansen (7 pp.); AAL TR 61-20: "Military small group performance under isolation and stress—an annotated bibliography. pt. 2. Dimensions of group structure and group behavior," S. B. Sells (56 pp.); AAL TR 61-26: "Human physiological response to extremity and body cooling," James H. Veghte (10 pp.); AAL TR 61-27: "Some effects of body heating prior to extreme cooling," Paul W. Barnett (16 pp.); AAL TR 61-33: "Seasonal variations in the caloric intake of dogs living in an arctic environment," John L. Durrer and John P. Hannon (10 pp.); AAL TR 61-35: "Determination of the critical ambient temperature for mice treated with chlorpromazine," Stanley Marcus *et al.* (8 pp.); AAL TR 61-36: "Effect of ambient temperature and chlorpromazine treatment on resistance of mice challenged with *Klebsiella pneumoniae*," Stanley Marcus *et al.* (9 pp.); AAL TR 61-41: "Studies on profound hypothermia. pt. 3. The effect of core-induced hypothermia of 25° and 7°C on dogs with myocardial infarction," W. C. Sealy (16 pp.). Alaskan Air Command, Fort Wainright, 1961 (Order from U.S. Air Force, APO 731, Seattle, Washington).

**Argentina, Hydrographic Office.** *Operation Drake Currents*. pt. 1. Joint program of the Argentine Hydrographic Office and the Department of Oceanography of the Agricultural and Mechanical College of Texas. Hydrographic Office, Buenos Aires, Argentina, 1962. 17 pp.

**Belgium, National Advisory Council on Scientific Policy.** *1961 Annual Report*. The Council, Brussels, 1962. 149 pp.

**British Museum (Natural History).** *Dinosaurs*. W. E. Swinton. The Museum, London, 1962. 43 pp. Plates. 5s.

**Brookings Institution.** "Wage policy and long-term contracts," Joseph W. Garbarino. The Institution, Washington, D.C., 1962. 145 pp. Paper, \$2; cloth, \$3.

**Carnegie Institution of Washington.** *Contributions to Embryology*, vol. 37, Nos. 252-258 (7 contributed papers). The Institution, Washington, D.C., 1962. 129 pp. Plates. Paper, \$22.50; cloth, \$23.50.

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**Committee for Economic Development.** "Business leadership for responsible economic policies: Report of activities, 1961 (48 pp.); "A new trade policy for the United States." A statement on national policy by the Research and Policy Committee, Committee for Economic Development. (48 pp., \$1). CED, New York, 1962.

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and McKnight, Bloomington, Ill.). 1962. 68 pp. Paper, \$2.50.

**Geophysics Research Directorate. Research Notes**, No. 67, AFCRL 852: "Studies in lunar topography," Zdeněk Kopal *et al.* Air Force Cambridge Research Laboratories, Bedford, Mass. 1961 (order from Office of Technical Services, Department of Commerce, Washington, D.C.). 192 pp.

**Great Britain, Commonwealth Mycological Institute.** *Phytopathological Papers*, No. 4: "Fusarial wilt (Panama disease) of bananas and other *Musa* species," R. H. Stover. The Institute, Kew, Surrey, England. 117 pp. Plates. 20s.

**Great Britain, National Institute of Oceanography.** *Discovery Reports*, vol. 33, pp. 1-54, "The movements of fin and blue whales within the antarctic zone," S. G. Brown. Cambridge Univ. Press, New York, 1962. 30s.

**Illinois Natural History Survey.** Circular 47: "Illinois trees and shrubs, their insect enemies," L. L. English. The Survey, Urbana, ed. 2, 1962. 92 pp.

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**University of Kentucky, Agricultural Experiment Station.** *Progress Report*, No. 115: "Leisure-time activities of older persons in selected rural and urban areas of Kentucky," E. Grant Youmans. The University, Lexington, Ky., 1962. 42 pp.

**University of New Mexico.** *Publications in Anthropology*, No. 10: "Wealth, authority and prestige in the Inca Valley, Peru," Eugene A. Hammel. Univ. of New Mexico Press, Albuquerque, 1962. 110 pp. \$2.

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