

BOOK REVIEWS AND NEWS

Recensioni e Rassegna Bibliografica / *Analyses de Livres et*
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PHYSIOLOGICAL VARIATION AND ITS GENETIC BASIS

Edited by J.S. Weiner (London). Taylor & Francis, London 1977. Vol. XVII in the series, Symposia of the Society for the Study of Human Biology. Hard cover with jacket, 14 × 21.5 cm, XII + 178 pp, illustrated. Author index and Subject index. Price: £ 7.00.

This volume is the result of a recent symposium of the Society for the Study of Human Biology. Among the twelve selected papers that it contains, three are methodological in nature (J.B. Gibson: The genetic analysis of continuous variation in man; J.H. Edwards: The analysis of general inheritance; D.F. Roberts: Methods and problems in physiological genetics), whereas the following nine examine the genetic vs. environmental components in a variety of functions: Twin studies on functional capacity (by V. Klissouras), Ultrastructure and biochemical function of skeletal muscle in twins (by H. Howald), Chemical control of breathing in identical twin athletes (by A.G. Leitch), Determinants of respiratory function in boy and girl twins (by J.E. Cotes et al.). The interaction of genetic and environmental factors in determining resemblance of arterial pressure in close relatives (by W.E. Miall), Handedness and cerebral representation of speech (by M. Annett), Ethnic studies on sweat gland counts (by A.S. Knip), and Variation in sweating (by J.S. Weiner).

DIABETES MELLITUS. B

Edited by K. Oberdisse (Düsseldorf, GFR). Springer-Verlag, Berlin-Heidelberg-New York 1977. Part 2B in Vol. 7, Metabolic Diseases (*Stoffwechselkrankheiten*), of the Handbook of Internal Medicine (*Handbuch der inneren Medizin*) edited by H. Schwiiggk. Hard cover with jacket, 17 × 25 cm, XXVII + 1254 pp, 222 illustrations. Subject index. Price: DM 490 / US \$ 215.60.

This is the second of two volumes devoted to diabetes mellitus, within part 7 (Metabolic Diseases) of Springer's monumental Handbook of Internal Medicine, fifth edition (in German). The following aspects are dealt with in this second volume: Obesity and diabetes mellitus, Diabetes mellitus and hyperlipoproteinemia, Diabetic angiopathy and neuropathy, The diabetic macroangiopathy, Diabetes and kidneys, Diabetes and the Eye, The diabetic neuropathy, Sex disorders in male diabetics, The liver in human diabetes, Disorders of the exocrine portion of the pancreas and their influence on carbohydrate metabolism, Disorders of the digestive tract in diabetes mellitus, Skin and diabetes, Coma diabeticum, Spontaneous hypoglycemia, The out-patient control of the diabetic, Dietetic therapy, Insulin therapy, Insulin allergy and resistance, Pharmacology of hypoglycemic sulfonylurea and pyrimidine derivatives, Sulfonylurea therapy, Pharmacology and mechanism of action of biguanides in the animal, The mechanism of action of biguanides in clinical experimental research, The clinical application of biguanides, The prognosis of diabetes, Diabetes and stress, Social medical problems, Diabetes, trauma and valuation.

SELECTION IN ONE- AND TWO-LOCUS SYSTEMS

By T. Nagylaki (Chicago). Springer-Verlag, Berlin-Heidelberg-New York 1977. Vol. 15 in the series, Lecture Notes in Biomathematics, edited by S. Levin. Soft cover, 16.5 × 24.5 cm, VII + 208 pp, 17 illustrations. Subject index. Price: DM 24.80 / US \$ 11.00.

Grown out of a course on Theoretical Population Genetics, this volume of the series, Lecture Notes in Biomathematics, provides notes and problems on the following subjects: Asexual haploid popula-

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