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A Second Study of the Statistics of Pulmonary Tuberculosis: Marital Infection by E. G. Pope;
Karl Pearson; Ethel M. Elderton

Review by: G. U. Y.

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19.—*A Second Study of the Statistics of Pulmonary Tuberculosis: Marital Infection.* By the late E. G. Pope, edited and revised by Karl Pearson, F.R.S., with an appendix on assortative mating from data reduced by Ethel M. Elderton. 36 pp., 4to. London: Dulau and Co., 1908. Price 3s.

At the time of his death Mr. Ernest G. Pope of the Adirondack Cottage Sanitarium, New York State, was engaged on the investigation by modern statistical methods of the problem of marital infection in tuberculosis. His memoir was nearly, but not quite, completed. This unfinished memoir was placed in Professor Pearson's hands for completion and revision, and the present publication is the result. The problem is an extremely difficult one to deal with—much more difficult than might be thought at first sight—very largely because a slight degree of association between tuberculosis in husband and in wife is not *per se* necessary evidence of infection, but may be merely another instance of the general tendency of like to mate with like. A great deal of the present memoir is occupied by a lengthy discussion of this possibility, the conclusion being reached that “the resemblance of husband and wife for the tuberculous character is carried at least to the verge if not sensibly beyond the limit of what we can attribute to the average action of assortative mating. We may probably assert a sensible but not very large effect of infective origin.” G.U.Y.

20.—*Ricerche demografiche fondate sul calcolo delle variazioni.* By Luigi Perozzo. 11 pp., 8vo. Turin: Vincenzo Bona, 1908.

Signor Perozzo's paper deals with the problem of determining the age-distribution of married persons at a census, given the age-distribution of persons married each year, and the laws of mortality. A solution is obtained in terms of a linear differential equation of the first order. G.U.Y.

21.—*The Trade and Administration of the Chinese Empire.* By Hosea Ballou Morse, A.B., Harvard, Commissioner of Customs and Statistical Secretary, Inspectorate-General of Customs, China. 8vo. London: Longmans, Green and Co., 1908.

This book is a comprehensive account of the present state of the Chinese Empire from an economic and administrative point of view. Mr. Morse, who is Statistical Secretary to the Inspectorate-General of Customs in China, makes no attempt to forecast the future destinies of that country, or to discuss the possible outcome of the movement towards reform which has already begun; his aim is merely to give a wide and accurate view of administration and commerce in China at the present time, with so much of her past history as is necessary to make the present intelligible. Thus to some extent the book covers the same ground as Mr. E. H. Parker's admirable work *China*; but it also contains special chapters on Chinese currency and weights and measures, and on the intricate question of extra-territoriality.

A recent imperial edict, printed by Mr. Morse in an appendix, has largely remodelled the central government at Peking. The