
Cold Spring Harbor Symposia on Quantitative Biology. Population Studies: Animal Ecology and Demography. Vol. 22. xiv + 437 pp. 41 authors. \$8.00.

This is a report on meetings of about 150 scientists held in June, 1957. The purpose of the session was "to bring together in the informal setting of the Biological Laboratory ecologists, demographers, anthropologists, population geneticists, and mathematicians to discuss research problems, experimental procedures, and analytical techniques of common interest to the fields of ecology and demography." Discussions were held on an extensive range of subjects, including the historical aspects of human populations, the demographic theory, the associations of diverse types of individuals or groups of species in communities, and the use of newer mathematical concepts in clarifying the statement of problems.

The series of separate articles have been grouped for coherence in sections, and the titles of these sections do not quite agree with the list of subjects discussed. There are three sections devoted to studies of the Ecology of Natural Populations, one on The Structure of Communities, and one on the Population as a Unit of Evolution. The discussions were summarized by Prof. G. Evelyn Hutchinson, in concluding remarks which carried beyond any of the materials presented in the series of papers. A noteworthy contribution to the thinking of ecologists, this book should be found on the shelves of all college and university libraries.

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