10:30 a.m.   **Biological Cycles (Cosponsored by A.S.A., Biometric Society, and Econometric Society)**

Chairman: J. W. Hopkins, National Research Council (Canada)
Papers: 1. *Population Dynamics*, D. A. MacLulich, Royal Canadain Air Force
             2. *Statistical Problems and Techniques in Population Cycle Analysis*, Mark Kac, Cornell University
Discussion: D. B. DeLury, Ontario Research Foundation

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LIONEL WEISS
Associate Secretary

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MINUTES OF MEMBERSHIP MEETING, SEPTEMBER 12, 1954

A business meeting was called to order at 4:10 P.M., September 12, 1954 in the Sheraton Mount Royal Hotel, Montreal, P.Q. by President E. G. Olds. About 55 members were present.

The Secretary read the minutes of the Annual Meeting of December 29, 1953.[1] The minutes were approved as read.

The Secretary moved, on behalf of 43 members of the Institute, the adoption of the following amendment to the Bylaws:

"All meetings of the Institute shall be held on the basis of no racial segregation. In particular, prior to determining the place of a forthcoming meeting the Secretary of the Institute shall ascertain that meeting halls, eating facilities, and housing accommodations adequate for the expected attendance shall be available on a nonsegregated basis, and that all social events connected with the meeting shall be nonsegregated."

The Secretary then moved, on behalf of 31 members of the Institute, the substitution of the following amendment for the one given immediately above:

"It is the policy of the Institute of Mathematical Statistics that all its meetings shall be held on a completely nonsegregated basis. In particular, prior to determining the place of a forthcoming meeting, the Secretary of the Institute of Mathematical Statistics shall ascertain that meeting halls and eating facilities adequate for the expected attendance will be available on a nonsegregated basis and that all social events connected with the meetings shall be nonsegregated. Every effort shall be made to provide nonsegregated housing accommodations consistent with the laws of the locality of a forthcoming meeting."

The President announced that members present would be asked to vote on the same ballot forms as used by those voting by mail and called for discussion of both questions. There was no discussion. Ballots were collected and the tellers retired to count the ballots. After adjournment of the meeting the results of the balloting were posted as follows: 575 ballots were cast. On the question of substituting the second amendment above for the first, 126 voted "yes," 437 voted "no," 12 ballots contained no vote on the question. The next vote was therefore on the adoption of the first amendment above. On this question 311 voted "yes,"

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[1] Published in the *Annals*, Vol. 25 (1954) pp. 191–193.

236 voted "no," 28 ballots contained no vote on the question. Lacking a two-thirds majority in favor, the motion lost.

The Secretary-Treasurer gave an informal report.

The Program Coordinator reported on the progress of plans for future meetings.

The President reported discussion in the Council of several progress reports of committees of the Institute. Members were told that the Committee to Explore the Desirability of Changing Time of Winter Meetings would welcome comments on whether or not they favored Christmas meetings and on other related questions.

The appointment of S. S. Wilks as representative of the Institute in the Division of Mathematics of the National Research Council for the term July 1954 to June 1957 was announced.

The election by the Council, on the nomination by a Committee to Nominate an Editor, of Erich L. Lehmann for the term 1956–1958 was announced.

The election by the Council, on nomination by the Editor, of H. E. Daniels as an Associate Editor for a term beginning immediately and continuing until December 1955 was announced.

The addition of T. W. Anderson, Jr., Z. W. Birnbaum, D. H. Blackwell, J. L. Doob, W. Feller, John Gurland, C. M. Stein, G. E. Nicholson, Milton Sobel, and Murray Rosenblatt to the Committee on a Summer Statistical Institute and the resignations from this committee of Gertrude M. Cox and Herbert Solomon were announced.

The addition of Arnold Court to the Committee to Reexamine the Constitution and Bylaws was announced.

The appointment of W. Feller as Rietz Lecturer for 1955 was announced.

A. H. Bowker was called on to report informally on the progress of discussions within the Committee on Activities and Development.

Boyd Harshbarger presented the following resolutions which were passed by the meeting.

"Whereas Professor Roger Lessard of the Local Arrangements Committee has provided excellent arrangements for this meeting be it resolved that we the members of the Institute of Mathematical Statistics express our appreciation and thanks to him. The Secretary will record this resolution as a permanent part of the minutes of the meeting and a copy will be sent to Professor Lessard.

"Whereas Dr. Edwin G. Olds, President, Dr. K. J. Arnold, Secretary, and Dr. Lionel Weiss, Associate Secretary, have shown outstanding leadership, be it resolved that we the members of the Institute of Mathematical Statistics express appreciation and thanks to them. The Secretary will record the resolution as a permanent part of the minutes of the meeting and copies will be sent to Dr. Olds, Dr. Arnold and Dr. Weiss.

"Whereas Dr. D. B. DeLury and his associates have arranged a stimulating and creative program be it resolved that we the members of the Institute of Mathematical Statistics express appreciation and thanks to them. The Secretary will record this resolution as a permanent part of the minutes of the meeting and a copy will be sent to Dr. DeLury.

"Whereas the City of Montreal and its officials have extended a cordial welcome and have given a gracious and generous reception for the members and guests, be it resolved that we

the members of the Institute of Mathematical Statistics express appreciation and thanks. The Secretary will record the resolution as a permanent part of the minutes of this meeting."

The meeting adjourned at 5:15 P.M.

K. J. ARNOLD
Secretary

PUBLICATIONS RECEIVED

"A System of National Accidents and Supporting Tables," United Nations, 1953, $.50.

Anuario Estadistica de España, Instituto Nacional de Estadistica, 1953, 999 pp. 50 pesatas.

BEAUMONT, ROSS A. AND RICHARD W. BALL, *Introduction to Modern Algebra and Matrix Theory*, Rinehart & Company, Inc., New York, 1954, $6.00.

CHEVALLEY, CLAUDE C., *The Algebraic Theory of Spinors*, Columbia University Press, New York, 1954, $3.75.

"Concepts and Definitions of Capital Formation," United Nations, 1953, $.25.

SANDERSON, FRED H., *Methods of Crop Forecasting*, Harvard University Press, Cambridge, 1954, $5.00.

"Statistics of National Income and Expenditure," United Nations, 1953, $.60.

Studi De Economia E Statistica, Ser. I, Vol. II, 1953, Università Di Catania Anno Accademico 1951–52, 389 pp.

INSTITUTIONAL MEMBERS

INTERNATIONAL BUSINESS MACHINES CORPORATION, New York

IOWA STATE COLLEGE, STATISTICAL LABORATORY, Ames, Iowa

MICHIGAN STATE COLLEGE, DEPARTMENT OF MATHEMATICS, East Lansing, Michigan

PRINCETON UNIVERSITY, DEPARTMENT OF MATHEMATICS, SECTION OF MATHEMATICAL STATISTICS, Princeton, New Jersey

PURDUE UNIVERSITY LIBRARIES, Lafayette, Indiana

RAYTHEON MANUFACTURING COMPANY, Newton, Massachusetts

STATE UNIVERSITY OF IOWA, Iowa City, Iowa

UNIVERSITY OF CALIFORNIA, STATISTICAL LABORATORY, Berkeley, California

UNIVERSITY OF ILLINOIS, Urbana, Illinois

UNIVERSITY OF NORTH CAROLINA, INSTITUTE OF STATISTICS, Chapel Hill, North Carolina

UNIVERSITY OF WASHINGTON, LABORATORY OF STATISTICAL RESEARCH, Seattle, Washington