

PUBLICATIONS
OF THE FACULTIES

1934-1935

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FOREWORD

In addition to effective classroom instruction, a university faculty has a further obligation to society in extending the frontiers of knowledge and in interpreting the new technical advances to a larger public. To provide a record of these contributions the University of Minnesota prints each year a list of publications by its faculties. This record reflects the extensive interests of a university community and the diversified nature of faculty scholarship. It represents a wealth of intellectual contributions that flow to an audience, the vastness of which is difficult to comprehend for many of the books and papers have been given world-wide recognition. Some are highly theoretical in nature; some are reports of researches that have a very practical application in industry, agriculture, education, and government. Hardly a phase of our complex society escapes the direct or indirect scrutiny of faculty investigations and intelligent analyses. The University of Minnesota can well be proud of these scholarly contributions to the state, to the nation, and to the world at large.

L. D. COFFMAN, *President*

PUBLICATIONS OF THE FACULTIES

ADMINISTRATION

MALCOLM M. WILLEY, Ph.D., University Dean and Assistant to the President

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ALBERT ERNEST JENKS, Ph.D., D.Sc., Professor of Anthropology and Chairman of the Department of Anthropology

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WILLEM J. LUYTEN, Ph.D., Associate Professor of Astronomy and Chairman of the Department of Astronomy

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EDWIN C. EBBIGHAUSEN, B.A., Assistant in Astronomy

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C. OTTO ROSENDAHL, Ph.D., Professor of Botany and Head of the Department of Botany

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FREDERIC K. BUTTERS, Ph.D., Professor of Botany

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JOSEPH M. THOMAS, Ph.D., Professor of English and Assistant Dean for
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LEWIS B. HESSLER, Ph.D., Assistant Professor of English

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CHARLES WASHBURN NICHOLS, Ph.D., Assistant Professor of English

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BESS R. DWORSKY, M.A., Theme Record Clerk

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EVERARD M. UPJOHN, M.Arch., Assistant Professor of Fine Arts

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DARRELL HAUG DAVIS, Ph.D., Professor of Geography and Head of the Department of Geography

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RALPH H. BROWN, Ph.D., Assistant Professor of Geography

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WILLIAM HARVEY EMMONS, Ph.D., Professor of Geology, Head of the Department of Geology and Mineralogy, and Director of the Minnesota Geological Survey

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FRANK F. GROUT, Ph.D., Professor of Geology and Mineralogy

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JULIA O. NEWTON, B.A., Associate Professor of Agricultural Extension and State Home Demonstration Leader

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HAROLD R. SEARLES, B.S., Associate Professor of Agricultural Extension and Extension Dairyman

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PARKER O. ANDERSON, B.S., Assistant Professor of Agricultural Extension and Extension Forester

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WILLIAM A. BILLINGS, D.V.M., Assistant Professor of Agricultural Extension and Extension Veterinarian

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EVA L. BLAIR, B.S., Assistant Professor of Agricultural Extension and Extension Specialist in Home Organization

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WILLIAM LANE CAVERT, Ph.D., Farm Economist with rank of Assistant Professor

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CORA E. COOKE, B.S., Assistant Professor of Agricultural Extension and Extension Poultry Specialist

Poultry News Letter and Record Farms Report. Issued monthly. 2 mimeographed pages.

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Advance and follow-up publicity prepared for newspapers in counties where poultry project is being carried.

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RALPH F. CRIM, B.S., Assistant Professor of Agricultural Extension and Extension Agronomist

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THEODORE A. ERICKSON, B.S., Assistant Professor of Agricultural Extension and State Club Leader

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Various leaflets on 4-H projects. 1934-35.

BELLE OSBORN FISH, M.S., Assistant Professor of Agricultural Extension and Extension Specialist in Child Development

Home Demonstration Syndicate Feature. Issued by the University of Minnesota Agricultural Extension Service. Published weekly in 68 country weekly newspapers in Minnesota. 1934-35.

News items and articles for newspapers on various phases of state extension child development work.

Mimeographed and multigraphed outlines and subject-matter material for use in child development project.

Advance and follow-up publicity material for use in counties where the child development project is being carried.

INEZ HOBART, B.S., Assistant Professor of Agricultural Extension and Extension Specialist in Nutrition

Cereals. State Emergency Relief Administration cooperating with University of Minnesota Agricultural Extension Division. April, 1934. 4 pages.

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JAMES B. McNULTY, M.S., Assistant Professor of Agricultural Extension and Extension Economist in Farm Management

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News items for newspapers on various phases of farm management project.

MARY MAY MILLER, B.S., Assistant Professor of Agricultural Extension and Extension Specialist in Home Management

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Mimeographed and multigraphed outlines and subject-matter material for use in home management project work.

WILLIAM E. MORRIS, M.S., Assistant Professor of Agricultural Extension and Extension Animal Husbandman

News items for newspapers on various phases of state extension livestock work.

M. LOIS REID, B.S., Assistant Professor of Agricultural Extension and Extension Specialist in Clothing

Home Demonstration Syndicate Feature. Issued by the University of Minnesota Agricultural Extension Service. Published weekly in 68 country weekly newspapers in Minnesota. 1934-35.

Mimeographed and multigraphed outlines and subject-matter relative to clothing project work.

Advance and follow-up publicity prepared for newspapers in counties where clothing project is being carried.

W. BRUCE SILCOX, Ph.D., Assistant Professor of Agricultural Extension and Extension Specialist in Marketing

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EVES E. WHITFIELD, B.S., Assistant Professor of Agricultural Extension and Extension Specialist in Clothing

Home Demonstration Syndicate Feature. Issued by the University of Minnesota Agricultural Extension Service. Published weekly in 68 country weekly newspapers in Minnesota. 1934-35.

Mimeographed and multigraphed outlines and subject-matter relative to clothing project work.

Advance and follow-up publicity prepared for newspapers in counties where clothing project is being carried.

HENRY G. ZAVORAL, B.S., Assistant Professor of Agricultural Extension and Extension Animal Husbandman

Report of Minnesota ton litter contest. 3 mimeographed pages.
News items for papers on various phases of state extension livestock work.

SELMER A. ENGENE, B.S., Instructor in Agricultural Extension and Extension Economist in Farm Management

Annual Report of Farm Management Service for Farmers in Northern Minnesota for the Year 1934 (with W. P. Ranney, J. B. McNulty, and G. A. Pond). University of Minnesota Division of Agricultural Economics Report No. 70. May, 1935. 18 mimeographed pages.

"Making the farm pay." Series of 7 articles sent to about 100 weekly southeast Minnesota newspapers.

"The value of the AAA farm record book." Series of 6 articles sent to about 200 weekly Minnesota newspapers.

HAROLD L. HARRIS, B.S., Instructor in Agricultural Extension and Publicity Specialist

Co-editor, *Weekly News Letter*. (Clip sheet of University Farm publicity, issued weekly for Minnesota newspapers.)

Editing: weekly syndicated feature known as "Bob Hodgson's farm talks," supplied to about 100 newspapers in southern Minnesota.

Editor of several folders, bulletins, and posters on the 1935 Farmers and Homemakers Short Course.

Prepared several hundred newspaper articles that were widely published in Minnesota.

Prepared many articles for publication in various farm magazines, some signed by other staff members of the Agricultural Extension Division and Department of Agriculture.

MILDRED SCHENCK, B.S., Instructor in Agricultural Extension and State Club Agent

Mimeographed leaflets on home economics 4-H material.

AMY WESSEL, B.S., Instructor in Agricultural Extension and State Club Agent

Mimeographed leaflets on home economics 4-H material.

RAMER LEIGHTON, B.S., Assistant in Agricultural Extension and Extension Dairyman

News items for newspapers on various phases of dairy herd improvement work.

STEPHEN M. RALEIGH, Ph.D., Assistant Extension Agronomist

"Hybrid corn demonstrations" (with R. F. Crim and H. K. Hayes). *Minnesota Seed Grower*, Vol. 7, No. 3, p. 4. 1934.

AGRICULTURAL SUBSTATIONS

CROOKSTON

AUSTIN A. DOWELL, Ph.D., Superintendent of the Northwest School and Experiment Station and Professor of Agriculture

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