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COLLEGE FILES
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Nanking
Academic
Research undertaken by faculty
+ students 1930

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SECRETARIES

TRANSFER

UNIVERSITY of NANKING

Research

Undertaken by Faculty and Students

also

Miscellaneous Articles

on various topics

By Members of the Faculty.

1930

NANKING, CHINA

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Department undertaking project or research	Project or research planned in 1923-4 (see pp. 13-15 printed annual report)	List of projects submitted by Departments April 1930
Agronomy (Plant breeding):	Improvement of Wheat. Improvement of Corn. Improvement of Cotton. Improvement of Soy Beans. Improvement of Rice.	<p>Projects <u>undertaken</u> during past ten years:</p> <p>Wheat:</p> <ol style="list-style-type: none"> 1. Yield test including head-row and rod-row tests. Rod-row test includes one-, two-, five-, and ten-rod-row tests, and advanced test. 2. Inheritance study. 3. Hybridization work, followed by selection. 4. Competition study. <p>Barley:</p> <ol style="list-style-type: none"> 1. Yield test including head row and rod-row tests. Rod-row test includes one-, two-, five-, and ten-rod-row tests, and advanced test. 2. Smut resistance study. 3. Inheritance study. 4. Hybridization work followed by selection. <p>Corn:</p> <ol style="list-style-type: none"> 1. Yield test by ear-to-row method. 2. Effect of selfing. 3. Inheritance study. 4. Artificial crossing. <p>Kaoliang:</p> <ol style="list-style-type: none"> 1. Yield test including plant-row and rod-row tests. 2. Effect of selfing. 3. Germination test. <p>Cotton:</p> <ol style="list-style-type: none"> 1. Yield and quality test including plant-row and rod-row tests. 2. Effect of selfing. 3. Inheritance study. 4. Crossing for disease resistance. <p>Rice:</p> <ol style="list-style-type: none"> 1. Yield test including head row and rod-row tests. Rod-row tests include two-, five-, and ten-rod-row tests, and advanced test. 2. Comparison of direct planting and transplanting.

NANKING

Author	Topic	Published or in manuscript
Heh Ching-ming (C. M. Heh)	Improved Wheat of the University of Nanking.	Bulletin No. 46, College of Agriculture and Forestry, University of Nanking, July, 1928.
Shen Tsong-han (T. H. Shen)	The field technic for the determination of comparative yields of wheat under different environmental conditions in China.	To be published in the Journal of the American Society of Agronomy, 1930.
—	Suggestions about breeding crops and seed distribution in China (Chinese).	Bulletin No. 45, College of Agriculture and Forestry, University of Nanking, 1928.
J. B. Griffing	Reports of three years' cotton improvement work.	Vol. I, No. 6 (I)
—	Observations on the behavior of cotton plants especially during acclimatization.	Vol. I, No. 6 (II) University of Nanking Agriculture and Forestry Series.

Department undertaking project or research

Project or research planned in 1923-4 (see pp. 13-15 printed annual report)

List of projects submitted by departments April 1930

Agronomy (continued):

Soybean:

- 1. Yield test including plant-row and rod-row tests. Rod-row tests include two-, five-, and ten-rod-row tests, and advanced test.
- 2. Blank test.

Millet:

- 1. Effect of selfing.
- 2. Mode of reproduction.

Cabbage:

- 1. Yield test.

Projects being undertaken at present time.

Wheat:

Same research is being carried on except special emphasis is placed on extensive hybridization.

Barley:

Same research is being carried on except special emphasis is placed on extensive hybridization.

Corn:

Same research is being carried on.

Kaoliang:

Same research is being carried on. In addition, the standard method of breeding kaoliang is being undertaken.

Cotton:

Same research is being carried on. In addition, breeding for storm-resistant type of Chinese cotton and standard method of cotton breeding in China are being undertaken.

Acclimatization of American cotton.

Rice:

Same research is being undertaken.

Soybean:

Same research is being undertaken.

Millet:

Same research is being undertaken. In addition, standard method of millet breeding in China is being undertaken.

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Author

Topic

Published or
in manuscript

Wang Sheo
(S. Wang)

The Method of Improving Soybeans.

The Farmer, No. 14,
1929, published by
the Bureau of Agri-
culture and Mining,
National Government
of China.

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Department of Agronomy

Other Articles by Members of the Faculty

Author	Topic	Where Published
Chang Chi-wen	Cotton.	Book published by the Commercial Press, Shanghai, March 1926 (in Chinese)
Cook, O. F. of the U.S.D.A.	A Disorder of Cotton Plants in China	Journal of Heredity. Translated by Shao Teh-hsing
—	Selection of Cotton by Character of Leaves, Stalks and Bolls	Translated by Shao Teh-hsing for Chinese Bulletin No. 9 of the College of Agr. and For., Oct. 1920
—	Cotton, a Community Crop	Journal of Heredity. Translated by Shao Teh-hsing.
—	Cotton Improvement on a Community Basis.	Translated by Shao Teh-hsing for Chinese Bulletin No. 15 of the College of Agr. and For., July 1921.
—	Cyrtosis, a Disorder of Cotton Plants in China	Journal of Heredity, Translated by Shao Teh-hsing for Chinese Bulletin No. 12 of the College of Agr. and For., Feb. 1922.
Griffing, J. B.	Rouging of Cotton	Vol. I, No. 2 of Agr. and For. Series, Univ. of Nanking. Translated by Shao Teh-hsing for Chinese Bulletin No. 8, Oct. 1920.
—	Cotton Culture	Vol. I, No. 2 of Agr. and For. Series. Translated by Shao Teh-hsing for Chinese Bulletin No. 11, April 1921.
—		

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Department of Agronomy
Other Articles by Members of the Faculty

Author	Topic	Where Published
Griffing, J. B.	Possibilities of the Introduction of American Cotton into China	Millard's Review, Shanghai, June 12, 1920. Translated by Shao Teh-hsing for Chinese Bulletin No. 4 of the College of Agr. & For., July 1920.
—	Will the Cotton Boll Weevil Come to China?	Journal of the British Chamber of Commerce, Shanghai, Jan. 1921.
—	Cotton Insect Problems of China	Weekly Review of the Far East, Shanghai, July 30, 1921. Translated by Shao Teh-hsing for Chinese Bulletin No. 17 of the College of Agr. & For., Oct. 1921
—	Improved Chinese Cotton	North-China Daily News, Shanghai, Feb. 26, 1924.
—	The Acclimatization of American Cotton in China	Translated by Shao Teh-hsing for Chinese Bulletin No. 19 of the College of Agr. and For.
Kuo Tan-sien	A Comparison of the Growth of Acala and Chang In Sha Cotton	Agricultural Science, Vol. III, No. 5, Sept. 1926 (in Chinese)
Love, H. H. of Cornell U.	General Suggestions for the ^{Methods} of Selection and Testing to be Followed in Plant Improvement Work by the Department of Agronomy and Cooperating Organizations.	Translated by Kuo Tan-sien for Farmers' Bulletin No. 28 of the College of Agr. and For., Apr. 1925

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Department of Agronomy
Other Articles by Members of the Faculty

Author	Topic	Where Published
Reisner, J. H.	Cotton Seed and Cotton Improvement in China	Millard's Review, Shanghai, Jan. 31, 1920. Translated by Chao Chungting for Chinese Bulletin No. 3 of the College of Agr. and For., March 1920
—	Control of Cotton Seed Importation in China	Millard's Review, Shanghai, Jan. 29, 1921. Translated by Shao Tehhsing for Chinese Bulletin No. 13 of the College of Agr. and For., Apr. 1921
Ritchey, G. E.	The Control of Plant Diseases and Insects	Vol. I, No. 4 of Agr. and For. Series, Univ. of Nanking. Translated for Chinese Bulletin No. 10, April 1921
—	A Study of Weeds	Vol. I, No. 5 of Agr. and For. Series. Translated by Sie Kia-shen for Chinese Bulletin No. 18 of the College of Agr. and For., July 1922.

Department under-
taking project or
research

Project or research
planned in 1923-4 (see
pp. 13-15 printed an-
nual report)

List of projects submitted by
Departments April 1930

Agronomy
(continued):

Projects being undertaken by the
students:

Wheat:

- 1. Blank test.
- 2. Planting in row and broad-
casting.
- 3. Inheritance study.

Cotton:

- 1. Dompetition study.
- 2. Missing Hill test.
- 3. Spacing test.

Rice:

- 1. Inheritance study.

Soybean:

- 1. Effect of the length of day
on maturity.

Millet:

- 1. Fertilizer and tillering.

Biology:

1930

Author

Topic

Published or in Manuscript

Such investigation or re-investigation of any portion of the paper
Except for the

Illick, J. T.

A Laboratory Manual for Col-
lege Biology.

Published by Edward Evans
and Sons, Shanghai, China,
1925.

—
Life.

Article in The University
of Nanking Magazine,
Vol. XV, No. 2, April 1926.

—
Meiosis in the Pollen Mother
Cells of Some Oenotheras.

Published in Genetics, Vol. 14,
No. 6, November 1929.

—
Joint article with Prof. G. H. Shull of Princeton University.
(This paper also deals with the oenothera problem.)

Title and place and date of
publication not yet known
by Dr. Illick. May 1930.

—
Problem dealing with the rela-
tion between the chromosomal
behavior and the genetical
behavior of triple hetero-
zygotes. (Also in connection
with the oenothera.)

Research in progress -
May 1930.

Department under-
taking research
or project

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Project or research planned
in 1923-4 (see pp. 13-15
of printed annual report)

List of projects
submitted by
Departments in
April 1930

Biology (continued)

.... Bacteriology

Animal Diseases (including Poultry):

1. The control of epitheliome contagiosum (bird pox).
2. The control of hemorrhagic septicemia (fowl cholera).
3. The control of epitheliome contagiosum and hemorrhagic septicemia in fowls.
4. The control of rinderpest in cattle.
5. The investigation of nodular disease in goats.
6. The control of internal parasites in the domestic fowl.
7. Control of rinderpest at Nanhsuchow, Anhwei.
8. Rinderpest control at Kaifeng, Honan.
9. The investigation of poultry diseases.

.... Botany (including Herbarium):

1. The Herbarium.
2. A Manual of the Flora of Nanking and Vicinity.
3. An Index to the Chinese Names of Plants.
4. Woody-Plant Collection of the Wang Shan and Nan Shan Ranges, Anhwei.

Author	Topic	Published or in Manuscript
Gibbs, C. S.	The Hygiene of Foods, Diets and Cooking.	University of Nanking Magazine Vol. XIII, No. 2.
—	Observations and Experiments on Rinderpest.	Published in China Journal of Science and Arts, Vol. III, No. 7, July 1925. Reprinted.
—	An Improvised Autoclave for Hospital Laboratories.	Published in The China Medical Journal, November 1924.
—	Wool Balls in Kid-Goats.	Published in The China Journal Of Science and Arts, Vol. IV, No. 4, April 1926. Reprinted in pamphlet form.
Gibbs, C. S., and Chen Ken	Flacherie or "Wilt Disease" of Silkworms.	Published in The China Journal of Science and Arts, Vol. V, No. 2, August 1926. Reprinted as Bulletin No. 14 of The College of Agr. and For., University of Nanking.
Chen Ken, C. S. Gibbs and Sheo Piao	Contagious Abortion of Cattle in China.	Published in the Lingnam Agricultural Review, Vol. 4, No. 1, March 1927. Reprinted in The University of Nanking Magazine, Vol. XVI, No. 1, November 1927.
<i>(For other articles see page 12)</i>		
Chiao Chi-yuen	A Preliminary Study of Kiangsu Grasses.	In manuscript.
—	An enumeration of plant Specimens in the Herbarium of the University of Nanking.	In manuscript.
—	A Revised List of Kiangsu Plants.	In manuscript.
—	Flora of Kiangsu Province.	In preparation (April 1930).
Steward, A. N.	A Trip to Hwang Shan.	Published in The China Journal of Science and Arts, Vol. III, No. 2, February 1925.

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Bacteriology

Other Articles by Members of the Faculty

Author	Topic	Where Published
Chen Ken	Stimulating Effect of Various Fertilizers upon Nodular Formation of Broad Bean	Published by the College of Agriculture and For. Vol. I, No. 1, 1929. (In Chinese.)
Chen Ken and Gibbs, C. S.	The Intradermal Test for the Virulence of Diphtheria Culture	Journal of Immunology, Vol. XIV, No. 2, 1927.
Gibbs, C. S.	The Role of Bacteria in Nature	The China Journal of Science and Arts, Vol. I, No. 4, July 1923.

Department under-
taking project
or research

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Project or research
planned in 1923-4 (see
pp. 13-15 of printed
annual report)

List of projects sub-
mitted by Departments in
April 1930

Biology (cont.)

.... Plant

Pathology:

Collection and Classifi-
cation of the Fungi of
China.

Control of Flag Smut of
Wheat.

Control of Fruit Diseases
and Insects at Yihsien,
Shantung.

Wheat:

Flag smut seed treatment
tests;

1. Variety test

2. Resistance head
selection test.

Nematode resistance test.

Rust resistance test.

Stripe rust resistance test.

Barley:

Covered smut see treatment
tests.

Covered smut varietal re-
sistance tests.

Covered smut head selection
resistance tests.

Stripe disease (helmintho-
sporium gramineum) studies.

Stripe disease resistance
test.

Millet:

Kernel smut resistance tests.

Kernel smut seed treatment
tests.

Kaoliang:

Kernel smut resistance tests.

Anthraxnose disease studies.

Corn:

Helminthosporium leaf spot
studies.

Rice:

Blast disease studies.

Pear:

Control experiment on pear
rust.

Bamboo:

Studies on Myriangium
bambusae rick.

Fungi collection:

Compilation of a list of
Chinese fungi hitherto
known.

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Author	Topic	Published or in Manuscript
Porter, R. H.	Cultivation of the Foreign Potato in China.	Circular Series of the publications of the College of Agriculture and Forestry, University of Nanking. Circular No. 6. Translated into Chinese by Yu Ta-fu, May 1925, and published as Farmers' Bulletin No. 9 (of the College of A & F)
---	Kernel Smut of Kaoliang and its Control.	Circular No. 8. April 1926. Translated by Yu Ta-fu for Farmers' Bulletin No. 14, May 1926; also Farmers' Bulletin No. 18, March 1927.
---	Plant Lice and Methods of Control.	Circular No. 9, April 1926. Translated by Yu Ta-fu for Farmers' Bulletin No. 15, May 1926.
---	The Nematode Disease of Wheat and its Control.	Circular No. 11, September 1926. Translated by Yu Ta-fu for Farmers' Bulletin No. 19, May 1927.
---	Kernel Smut of Millet and its Control.	Circular No. 14.
Porter, R. H., Yu Ta-fu and Chen Hung-kwei	The Effect of Seed Disinfectants on Smut and on Yield of Millet.	Phytopathology, Vol. XVIII, No. 11, November 1928.
---	The Response of Hulless Barley to Seed Treatment for Covered Smut and Stripe Disease.	Phytopathology, Vol. XIX, No. 7, July 1929.
Yu Ta-fu and Chen Hung-kwei	Barley Covered Smut in Kiang-su and its Control.	In Chinese. Science, Vol. XIV, No. 2, October 1929. The Science Society of China publication.
Tai, F. L.	Apple Rust and its Control.	In Chinese. Science, Vol. XIII, No. 11. The Science Society of China publication.
---	A New Species of Uncinula on Acer trifidum Hook and Arn.	Contributions from the Laboratory of the Science Society of China, Vol. VI, No. 1, January 1930.

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Plant Pathology

Other Articles by Members of the Faculty

Author	Topic	Where Published
Porter, R. H.	A Preliminary Report of Surveys for Plant Disease in East China.	June 1, 1926. The Plant Disease Reporter, Supplement No. 46, printed by the Bureau of Plant Industry, U. S. D. A.
—	Some Plant Pathological Problems of China.	China Journal of Science and Arts, Vol. V, No. 1, July 1926; also the Univ. of Nanking Magazine, Vol. XV, No. 3, June 1926.
Tsien Sung-shu	Evolution of Plants	Science, Nov. 1919.
Kuo Tan-sien	Simple Methods of Controlling Rice Borer	Farmer's Bulletin No. 17 of the College of Agr. and For., Jan. 1927.

Department under-
taking project
or research

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Project or research
planned in 1923-4 (see
pp. 13-15 of printed an-
nual report of College
of Agr. and Forestry

List of projects
submitted by departments
April 1930

Department under- taking project or research	Project or research planned in 1923-4 (see pp. 13-15 of printed an- nual report of College of Agr. and Forestry	List of projects submitted by departments April 1930
Forest Research	Tree studies. Seed storage. Seed testing. Source of seed. Planting site indicators. Timber and fuel prices. Wood distillation. Temple forests. Vegetative and surface con- ditions of the Yellow River watershed. General forestry conditions of the localities traversed during woody-plant collec- tion trip. (Wangshan and Nanshan, Anhwei.) Utilization of waste land at Yih sien, Shantung, by practice of reforestation. Weather records and reporting. River dike plantations.	Tree studies. Seed storage. Seed testing. Timber and fuel prices. Temple forests. Vegetative and surface condi- tions of the Yellow River watershed. General forest conditions of different provinces of China. Weather records and reporting. Forest influences. Forest terminology.

Author

Topic

Published or in Manuscript

Chen Yung

The Forestry Region of Nanking.

Journal of the Science Society, Vol. I, Nov. 1927 (in Japanese).

—

A History of the World Forestry and its Tendency in the Future.

Agricultural Magazine, Vol. I, Feb. 1928 (in Chinese).

Chun, W. Y.

Chinese Economic Trees.

Ip Nga-kok

Forestry in China.

China Year Book, 1926. Chapter XXI.

—

Thirty Common Trees in the Yangtze Valley for Boys.

Handbook - National Y. M. C. A.

Li Tsi-hsing

The Economic Side of Reclamation Work in Kiangsu.

Agricultural Science, Vol. III, No. 3, Jan. 1926 (in Chinese)

—

Reclamation Work in Kiangsu.

Tai Ping Tao Pao, Vols. 8, 9, 10, 13, 15, 17, March to May 1926 (in Chinese).

Lia, D. Y.

The Relation of Forests to Drought. Wood Oil.

Chinese Bulletin No. 7 of the College of Agr. and For. 1920 China Bureau of Public Information, Aug. 1919; and in the Far Eastern Review, Sept. 1919.

—

Forestry and the Great European War.

Printed in many Chinese papers, 1919.

—

China and Forestry. Flood and its Remedy.

A small, illustrated book. Chinese Bulletin No. 1 of the College of Agr. and For.

—

Forestry and Drought

Ling Kan

A Preliminary List of Woody Plants. Forestry and Human Life.

Nanking Science, Vol. 12, No. 2, Feb. 1927 (in Chinese) Chinese Bulletin No. 23 of the College of Agr. and For. Reprinted Oct. 1927 as Chinese Bulletin No. 36.

—

The Culture Methods of Ten Important Economic Trees of China. Farm Forests.

Chinese Bulletin No. 37 of the College of Agr. and For., Jan. 1927. Journal of the Agr. Assoc'n of China, No. 41, June 1926 (in Chinese).

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Author	Topic	Published or in Manuscript
Lowdermilk, W.C.	Famines and Their Prevention.	The Linguist, Nanking, 1923.
-----	China and Per Capita Forest Area.	The China Weekly Review, Shanghai, Nov. 17, 1923. Also in The University of Nanking Magazine, Vol. XIII, No. 1, Sept. 1923.
-----	A Preliminary Survey of Forest Conditions in Northern Honan and Shantung.	The University of Nanking Magazine, Vol. XIII, No. 3, June 1924.
-----	Erosion and Floods in the Yellow River Watershed.	The China Weekly Review, Shanghai, June 14, 1924.
-----	Factors Influencing the Establishment of Engelmann Spruce.	Journal of Agricultural Research, Vol. XXX, No. 11, June 2, 1925.
-----	The Preparation and Tending of a Forest Nursery. Notes on Suitable Trees for Railway Plantations. Szechuen Hankow Railway.	Journal of the Association of Chinese and American Engineers, Vol. VI, No. 2, 1925.
-----	Some Practical Possibilities in Forestry for China.	Same as above. Vol. VI, No. 4.
-----	The Profession of Forester.	The University of Nanking Magazine, Vol. XIV, No. 2, Nov. 1925.
-----	Forest Destruction and Slope Denudation in the Province of Shansi, China.	China Journal of Science and Arts, Vol. IV, No. 3, March 1926. Reprinted as English Bulletin No. 11 of the College of Agriculture and Forestry, March 1926.
-----	The Changing Evaporation-Precipitation Cycle in North China.	Translated by Ren Chen-tung for Chinese Bulletin No. 35 of the College of Agr. and For., Oct. 1927. Paper No. 5 read March 23, 1926, before the Engineering Society of China at the 1925-6 session. Printed in Vol. XXV of the Society's publications.
-----	Erosion Control in Japan.	The Oriental Engineer. Vol. VIII, No. 3, Mar. 1927.
Lowdermilk, W.C. & Shen Hsieh-li	Summary Meteorological Records, University of Nanking, 1895-1923.	English Bulletin No. 8 of the College of Agr. and For., March 1924.
-----	Daily Meteorological Records Being the Meteorological data recorded at the Freeman Meteorological Observatory, Univ. of Nanking.	No. 1, Oct., Nov., Dec., 1923. Nos. 2-6, Jan. 1924 to Mar. 1925 Nos. 7-12, Apr. 1925 to Sep. 1926 Nos. 13-16, Oct. 1926 to Sep. 1927

Author	Topic 19	Published or in Manuscript
Lowdermilk, W.C.	Weather Records at Co-operating Stations - prepared May 1925.	English Bulletin No. 10 of the College of Agr. & For. Translated by Shan Hsich-li for Chinese Bulletin No. 27 of the College of Agr. and For., Sept. 1925.
Reisner, J. H.	School Nurseries.	English Bulletin No. 1 of the College of Agr. and For., Feb. 1920. Translated by Kan Han for Chinese Bulletin No. 22, Jan. 1924; reprinted as Bulletin No. 24, Jan. 1924, and Bulletin No. 29, April 1926.
Ren Chen-tung	The Advantage of Leaving Trees during Grass cutting.	Chinese Bulletin No. 10 of the College of Agr. and For., Jan. 1926.
---	Forest Economics in Liu-wuhsien, Shansi.	Chinese section of the University of Nanking Magazine, Vol. XV, No. 2, Apr. 1926.
---	The Advantages of Community Forests and Methods of Procedure.	Chinese Bulletin No. 34 of the College of Agr. and For., March 1927.
Reisner, J. H.	Progress of Forestry in China in 1818-1919.	American Forestry Magazine, Washington, D. C., Nov. 1920. Also in Commercial Handbook of China, by Julian Arnold, Govt. Printing Office, Washington, D. C., Vol. II.
---	Progress of Forestry in China, 1919-1920.	Journal of Forestry, Washington, D. C., April 1921. Also in Millard's Review, Shanghai, Apr. 2, 1921; and World Agriculture, Amherst, Mass., spring and summer number 1921.
---	America Helps China Reforest her Barren Hills.	New York Evening Post, May 1921; also in Weekly Review of the Far East, Shanghai, Aug. 18, 1921.

Author	Topic	Published or in Manuscript
Hu Chang-chi	Citrus Fruit Investigation in Chekiang Province (at Tangsi, Hwangyen, Wenchu)	Published in Chinese magazines.
---	Citrus Survey in Southern China (Chekiang, Fukien, Kwangtung)	Same as above. Printed in pamphlet form Feb. 1930.
---	Loquat Culture Survey in Tangei and Tungdinsan.	China Agricultural Science, No. 63, 1928. (Chinese)
Hancock, M. L.	Notes on Rose Culture	Circular No. 14 of the College of Agr. and For. Nov. 1926.
Chang Chi-wen	Rural Education.	University of Nanking Magazine, Vol. XIII, No. 1, Sept. 1923 (in Chinese)
---	Rural Psychology.	Vol. XIII, No. 1 of above Magazine. (In Chinese)
Li Tsi-hsing	How to Carry on Rural Education in China Successfully.	Journal of the Agricultural Association, No. 50, May 1926. (In Chinese)
Li Ying-hwei	The Rural School.	Chinese Bulletin No. 38 of the College of Agr. and Forestry. 1927.
Administration	Loan Books for Rural Workers	English Bulletin No. 16 of the College of Agr. and For.
Griffing, J. B. & Shao Teh-hsing	Elementary Agricultural Readers for Primary Schools	Vols. I and II. (In Chinese). Edward Evans & Sons, Shanghai.
---	Teacher's Manual to Accompany Elementary Readers for Primary Schools	Vol. I. (In English) Edward Evans & Sons, Shanghai.

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Department under-
taking project
or research

Name of Project

Under direction of

Rural Economics:	Farm Tenancy in China.	Chiao Chi-ming
	Locating Chinese Rural Community.	Chiao Chi-ming
	Study of Growth of Population from Gazetteers.	Lo Chin-hsiu, Yu Ting-hsien and Chu Yu-chiao (students)
	Farm Population.	J. Lossing Buck and Chiao Chi-ming
	Mapping the Rural Community.	Wang I-chiao and Li Chen-keng (students)
	Marketing of Wheat, Soybean, Kaoliang and Sesamum at Hsuhsien and its Terminal Markets.	Paul C. Hsu
	Rural Credit Study at Chuhsien and Kiangning, Anhwei - 480 Farms.	Paul C. Hsu
	A Detailed Study of Credit Conditions of Fifty-one Immigrants (farmers) near Wukiang.	Yang Wei, Wang Li-o, and Liu Ren-tao (students)
	A Detailed Study of "Chiu Hwei" at Changsha, Hunan.	Pan Hung-shen (student)
	A Detailed Study of Hwei at Tengchi, Chekiang.	Ying Lien-keng (student)
	Prices.	Chang Li-lwan
	A Study of Famine.	Ku Cheng-tsiang (student)
	Cost of Growing and Marketing Peanuts in China.	J. Lossing Buck, Paul C. Hsu, and Swen Wen-yu
	Chinese Farm Economy - A Study of 2866 Farms in Seventeen Localities of Seven Provinces of China.	J. Lossing Buck

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Author	Topic	Published or in Manuscript
Chiao Chi-ming	A Study of Farm Tenancy at Quinsan and Nantung, Kiangsu, and Suhsien, Anhwei.	Chinese Bulletin No. 30 of The College of Agr. & Fer., Univ. of Nanking, May 1926.
—	Method of Locating the Rural Community.	Chinese Bulletin No. 31, May 1926.
Lo Chin-hsiu, Yu Ting-hsien & Chu Yu-chiao		In manuscript.
J. Lossing Buck & Chiao Chi-ming	Growth of Chinese Rural Population.	Chinese Economic Journal, 1927.
Wang I-chiao and Li Chen-keng		In manuscript.
Paul C. Hsu		Agricultural Journal of Southeastern Univ., Nanking. (In Chinese.) Autumn 1926.
Paul C. Hsu		In manuscript - tables summarized. 1927.
Yang Wei, Wang Li-o, and Liu Ren-tao		In manuscript - report schedules. 1929.
Pan Hung-shen		In manuscript - schedules completed. 1930.
Ying Lien-keng		In manuscript - schedules completed. 1930.
Chang Lü-lwan	<p data-bbox="643 1409 994 1533">宿縣農產品與日用品 零售物價指數之說明</p> <p data-bbox="550 1533 1101 1602">Index of Retail Price of Farm Products in Nansuchow.</p>	<p data-bbox="1114 1400 1456 1430">To be published by</p> <p data-bbox="1179 1437 1535 1494">農政學報第一卷第一號</p> <p data-bbox="1151 1494 1628 1563">Journal of Agricultural Policy, Vol. I, No. 1.</p>
Ku Chang-tsiang		
J. Lossing Buck, Paul C. Hsu and Swen Wen-yu J. Lossing Buck	Chinese Farm Economy.	<p data-bbox="1119 1751 1646 1818">Chinese Economic Journal, Vol. I, No. 3. Sept. 1929.</p> <p data-bbox="1119 1845 1633 1976">The University of Chicago Press; and The Commercial Press, Limited, Shanghai. 1930.</p>

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Published Results of Other Research Studies
by Other Members of the Department of Rural Economics.

Author	Topic	Published
Buck, J. Lossing	Agricultural Missions (The Development of Agricultural Missions in China)	The Christian Occupation of China - (survey published by the China Continuation Committee, 1922)
—	Community Survey Blank (first edition)	Chinese Bulletin No. 24a of the College of Agr. and For., U. of Nanking 1922. First edition, translated by Chang Chi-wen.
—	Community Survey Blank (revised edition)	Chinese Bulletin No. 24b of the College of Agr. and For. Aug. 1924. Translated by Hsu Chen.
—	An Economic and Social Survey of 102 Farms Near Wuhu, Anhwei, China	English Bulletin No. 7 of the College of Agr. and For., Part I, Dec. 1923, Part II, July 1924. Translated by Hsu Chen for Chinese Bulletin No. 25, March 1925.
—	An Economic and Social Survey of 150 Farms, Yenshan County, Chihli Province, China	English Bulletin No. 13 of the College of Agr. and For., June 1926. Translated by Swen Wen-yu.
—	Price Changes in China. The Effect of Famines and the Recent Rise in Prices	Journal of the American Statistical Association, June 1925. (Reprinted)
—	A Study of Farm Tenancy in China	National Christian Council, Shanghai, August 1927. Translated into Chinese for Farmers' Bulletin of the College of Agr. and For.
—	Cost of Growing and Marketing Peanuts in China.	Chinese Economic Journal, Vol. V, No. 3.

Author	Topic	Published
Buck, J. Lossing and Chiao Chi-ming	The Composition and Growth of Rural Population Groups in China	Chinese Economic Journal, March 1928.
---	Land Rent for Tenants in China	In Chinese.
Chiao Chi-ming	Mapping the Rural Community	English Circular No. 4, Dec. 1924. Also in Chinese.
---	Mapping the Rural Community as a Guide for Rural Social Workers	Agricultural Science, Vol. III, No. 3 (Chinese)
---	Method of Building a Coun- try Road	Chinese Bulletin No. 33 of the College of Agr. and For., Nov. 1926.
---	A Study of Rural Population in China	In Chinese.
Paul C. Hsu (Hsu Chen)	A Comparison Between Two Villages	Farmers Bulletin No. 6 of the College of Agr. and For.
---	A Preliminary Survey of Marketing Farm Products In Nansuchow	Agricultural Science, Vol. III, No. 3 (Chinese)
---	Rural Cooperation in China	Pacific Affairs, August 1929.
Swen Wen-yu	Practical Farm Bookkeeping	Chinese Bulletin No. 32 of the College of Agr. and For., July 1926.
---	A Preliminary Survey of Chinese Weights and Meas- ures	Agricultural Science, Vol. III, No. 3 (Chinese)
---	Summary of a Study of Chi- nese Weights and Measures	Agricultural Science, Vol. XI, No. 7, July 1926. (Chinese)

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Author	Topic	Where Published
Chien, C. L. (Tsien Tien- ho)	A Study of the Chinese Silk Industry	Science, October 1919. (In Chinese.)
---	A New Theory of Organic Evolution (a translation)	Science
---	Silk Repellants	Chinese Bulletin of the College of Agr. & For.
---	Silkworm Egg-laying Box	Chinese Bulletin No. 14 of the Coll. of Agr. and For., May 1921; Science, March 1921 (In Chinese)
---	Abolishment of Existing Laws Regulating Cocoon Shops in Kiangsu Province	Widely published in Chinese newspapers - 1921
---	General Status of Artificial Silk	Univ. of Nanking Magazine, 1923. (In Chinese.)
---	Aiding the Chinese Silk Industry	Silk Journal, April 1923.
---	Methods of Silkworm Breeding	Chinese Bulletin of the College of Agr. & For.
---	Suggestions for the Expansion of Chinese Sericulture	Chinese Bulletin No. 5 of the College of Agr. and For., Sept. 1920
---	Silkworm Diseases	Chinese Bulletin No. 6 of the College of Agr. and For., Sept. 1920.
---	The Function and Duty of the Raw Silk Testing House	Chinese Bulletin No. 16 of the College of Agr. and Forestry, Oct. 1921
---	Methods of Improving Silkworm Eggs	Chinese Bulletin No. 20 of the College of Agr. and For., Sept. 1922
Chien, C. L. and Wan Kwoh- ting	Development of the Silk Industry	Chinese Bulletin of the College of Agr. & For.

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Author	Topic	Where Published
Chen Ken	A Preliminary Report on Defauna- tion of Silkworms by Com- pressed Oxygen	Journal of the Agricultur- al Association of China, No. 67, April 1929 (in Chinese)
Gibbs, C. S. & Chen Ken	Flacherie or "Wilt Disease" of Silkworms	China Journal of Science and Arts, Vol. V, No. 2, August 1926. Reprinted as English Bulletin No. 14 of the College of Agr. and For.
Kuh Yin	Methods of Silkworm Rearing	Farmers' Bulletin No. 5 of the College of Agr. and For., March 1923 (printed in "peh hua")
—	Cocoon Judging	Chinese Section of the Univ. of Nanking Maga- zine, Vol. XIII, No. 1, Sept. 1923
—	The Study of Silkworm Eggs	Chinese Bulletin No. 21 of the Coll. of Agr. & For. Dec. 1923.
—	The Best Methods of Rearing Silkworms	Farmer's Bulletin No. 16 of the College of Agr. and For., Nov. 1926
Reisner, J. H.	New Discoveries in Chinese Silk Culture	American Silk Journal, New York, Sept. 1920.
—	Practical Work to Improve China Raw Silk	Silk, New York, Oct. 1920.
—	Improved China Raw Silk	International Trade and Shipping Digest, San Francisco, March 1921

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Author	Topic	Where Published
Wan Kwoh-ting	Agriculture. A textbook for the new system Higher Primary	Commercial Press, Shanghai (In Chinese), 1925.
Wan Kwoh-ting	History of Chinese Sericulture	Journal of Agriculture and Forestry, (Chinese.)
---	Agriculture. A Teacher's Manual.	Nanking, Silk Number, March 1921. 1925.
---	Study of Wild and Domestic Strains of Silkworms. volumes.	Journal of Agriculture and Forestry (Chinese), Nanking, Silk Number, March 1921. Miscellany,
---	Arrangement of Chinese Characters.	Vol. XXIII, No. 2, Jan. 1926. (In Chinese.)
---	On Chinese Dictionaries	Library Science quarterly, Vol. I, No. 1, Jan. 1926. (In Chinese.)
Reports:	Revised Codes for the Arrangement of Sericulture Work for 1919-1920 and Announcements for Special Course in Sericulture - by C. L. Chien	Library Science Quarterly, College of Agriculture and Forestry, Bulletin. (University of Nanking)
	Annual Report of the Department of Sericulture 1923-1924	College of Agriculture and Forestry, University of Nanking, Bulletin
	Annual Report of Department of Sericulture 1924-1925	" "
	Annual Report of the Department of Sericulture 1925-1926	" "
	Annual Report of the Department of Sericulture 192	" "

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Research Library

Author	Topic	Where Published
Wan Kwoh-ting	Agriculture. A textbook for the New System Higher Primary School.	Commercial Press, Shanghai. (In Chinese). 1925.
—	Agriculture. A Teacher's Manual.	Commercial Press, Shanghai. (In Chinese.) 1925.
—	Library of Useful Knowledge for Juveniles. In twenty volumes.	Commercial Press, Shanghai. (In Chinese.) 1925.
—	Arrangement of Chinese Characters.	The Eastern Miscellany, Vol. XXIII, No. 2, Jan. 1926. (In Chinese.)
—	On Chinese Dictionaries	Library Science Quarterly, Vol. I, No. 1, Jan. 1926. (In Chinese.)
—	Revised Codes for the Arrangement of Chinese Characters ^{by} the Form of Strokes.	Library Science Quarterly, Vol. I, No. 2, Apr. 1926. (In Chinese.)

Articles on Miscellaneous Topics
by
Members of the Faculty of the College of Agriculture and Forestry

Author	Topic	Where Published
Hsu Chen-ken	The Importance of Agricultural Extension in Relation to the Future Agricultural Condition in China	Shanghai Times, special issue in Chinese on the National Celebration Day, Oct. 1, 1923.
---	A Study of the Methods of Agricultural Extension in the U. S. A.	Published by the Commercial Press, Shanghai, Oct. 1923. (In Chinese.)
Kuo Tan-sien	Agricultural Problems in Suiyuan	Vol. III, No. 1 of Agr. and For. Series. (In Chinese.)
---	New Light on Agricultural Education	Univ. of Nanking Magazine Vol. XV, No. 2, April 1926 (In Chinese).
---	The Development and Contribution of the College of Agriculture and Forestry, University of Nanking	Univ. of Nanking Magazine, Vol. XVI, No. 1, Nov. 1927 (in Chinese).
Reisner, J. H.	Nut Culture in China	American Nut Journal, Rochester, N. Y., Feb. 21, 1921
---	Modern Commercial Fertilizers in China	American Fertilizer, Philadelphia, May 7, 1921
---	Farm Implement Market in China	International Trade and Shipping Digest, San Francisco, 1921; also Weekly Review of the Far East, Shanghai, Aug. 6, 1921
---	Poultry Industry in China	Pennsylvania Farmer, Philadelphia, 1921
---	Famine Prevention Program of the College of Agriculture and Forestry of the University of Nanking as Approved by the China Famine Fund Committee	English Bulletin Vol. I, No. 9 of the College of Agr. and For., May 1924

Articles on Miscellaneous Topics
by
Members of the Faculty of the College of Agriculture and Forestry

Author	Topic	Where Published
Reisner, J. H.	Foreign Missions and Agriculture	Chinese Recorder, Shanghai, October 1920
---	Important Developments in Missionary Interest in Agricultural Education	Educational Review, Shanghai, Oct. 1920
---	Relation of Agriculture to Missionary Activities.	Report of the Twenty-eighth Annual Session of the Foreign Missions Conference of North America, Garden City, L. I., Jan. 18, 19, 20, 1921; also (abridged) in All the World, New York, April 1921.
---	Agricultural Education in China	World Agriculture, Amherst, Mass., spring and summer number, 1921
---	The Church in Rural Work	Chinese Recorder, Dec. 1924
---	Editorial, Our Rural Symposium	Chinese Recorder, Dec. 1924
---	Examples of Rural Minded Christian Leaders	China Christian Advocate, Dec. 1925
---	Reevaluating the Rural Church of China	Chinese Recorder, Apr. 1926
---	A Plea for the Rural Church of China	Zion's Herald, Aug. 4, 1926
---	Agriculture in the Program of Christian Education	Educational Review, Oct. 1926
---	Reforming Farm Life in China	China Christian Year Book, 1926
---	China Famine Fund Balance Committee	China Christian Year Book, 1926

Articles on Miscellaneous Topics
by
Members of the Faculty of the College of Agriculture
and Forestry

Author	Topic	Where Published
Price, F. W.	A Glimpse at Rural Needs and the Rural Church in China	English Bulletin No. 15 of the College of Agr. and For., Nov. 1926
—	Report of Conference of Christian Rural Leaders	English Bulletin No. 12 of the College of Agr. and For., Feb. 1926
Reports:	Annual Reports of the College of Agriculture and Forestry and Experiment Station	Bulletins of the University of Nanking

Chemistry Department

Author	Topic	In print or in manuscript
Thomson, J. C., and a number of stu- dents	The Nutritive Value of Some of the Common Foods of Central China	In manuscript
Thomson, J. C., and Li Teh-i	The Destructive Distilla- tion of Some Typical Chinese Woods and a Study of the By-products Obtained under Various Conditions	In manuscript
Chiu Yu-tsi and Wang Yu (students) under the direc- tion of J. C. Thomson	The Chemical Composition and the Nutritive Value of the Rice Used in Nanking	Research being under- taken at the present time.
Thomson, J. C.	The Chemical Properties and Characteristics of Tung Oil	Research being under- taken at the present time.

Chinese Department

Author	Topic	In print or in manuscript
Chen Chuh-hsien	Three articles: (1) on the history of literary criticism, (2) on literature from a philosophical point of view, (3) on the origin of Chinese literary thought.	Written about 1924.
—	The Origin of Modern Literary Thought - Sung, Yuen, Ming, and Ching.	Chinese section of the University of Nanking Magazine, Vol. XV, No. 3 June 1926
—	The School System of the Sung Dynasty.	Chinese section of the University of Nanking Magazine, Vol. XV, No. 2, April 1926
Ho Lih-chwen	Literary Art.	Chinese section of the University of Nanking Magazine, Vol. XV, No. 2, April 1926
Hu Siao-shih	The Study of Paleography	In manuscript
—	History of Chinese Literature Before the Tang Dynasty	Published by the Ren Wen She, Shanghai, 1930.
Hu Tsiang-tung	The Study of Chuang Tsi	In Manuscript.
—	Poems	In manuscript
Hwang Chi-kang	Table and System of Ancient Chinese Phonetics	In manuscript
—	Table System of Chinese Phonetics after the Tang Dynasty	In manuscript
—	The Study of Wen Bin Tao Tung	In manuscript

English Department

Author	Topic	Published by or in
Brede, A.	English Essays for the New Day. A Collection of Essays in Science, Education and Char- acter, Nature and the Land, with Introduction and Notes	The Commercial Press, Ltd., Shanghai. 1925.
---	Tennyson's Treatment of Science and Religion	English Student, Vol. XI, Nos. 2, 3, 4, Feb.- Apr. 1925.
---	Student Culture	English Student, Vol. XI, No. 5, May 1925
---	Edgar Allen Poe and His Tales	English Student, Vol. XI, Nos. 10, 11, 12, Oct.-Dec. 1925
---	Euphuus, the Finely Tempered Nature	English Student, Vol. XII, Nos. 6, 7, June, July 1926
---	The Teaching of College English	Educational Review, Shanghai, Vol. XVIII, No. 1, Jan. 1926

History Department

Author	Topic	Published by
Chen Kung-luh	<p>A History of Japan. Compiled from some twenty English books on Japan and all possible Chinese and Japanese material available. (First suitable book in Chinese on the history of Japan.)</p> <p>Modern History of China. Containing the following sections: (1) China at the beginning of the nineteenth century, (2) the Opium War, (3) International relations, 1843-1860, (4) Rebellion - Taiping, Hienfu, and Mohammedan, (5) Internal development and foreign policy, 1861-1894, (6) The Sino-Japanese War, (7) Imperialism, (8) The reform of 1898 and its failure, (9) The Boxer movement, (10) Reform and revolution, (11) Social and economic conditions 1801-1912, (12) The Republic of China, 1912-1919, (13) China since 1919, (14) The vital problems of China.</p> <p>(The work is in Chinese and primarily for Chinese readers. The material has been secured chiefly from Chinese sources, many of which are now out of print.</p>	<p>The Commercial Press., Limited, Shanghai, 1925.</p> <p>Not yet finished.</p>

The Library

Author	Topic	Published or in manuscript
Li Siao-yuen	The Storehouse for Books and the Public Library.	The Library Science Quarterly (China), Vol. I, No. 3, Sept. 1926
Liu Kwoh-chuin	Some Recent Chinese Works in Library Science.	The Library Science Quarterly, Vol. I, No. 2, June 1926
—	A Study of the Classification of the Ssu Ku Chuen Shu	The Library Science Quarterly, Vol. I, No. 3, Sept. 1926
Mao Yung and Wan Kwoh-ting	Bibliography of Chinese Literature on Agriculture. (In Chinese). Compiled by Mao Yung and prepared for the press by Wan Kwoh-ting.	The Commercial Press., Ltd., June 1924.

Political Science Department

Author	Topic	Published or in Manuscript
Han Lih-wu	The Theory of Natural Rights Re-stated	Done at the University of Wisconsin, 1928. In manu- script.
—	The Origin of China's Ills Lie in Her Culture	Ping Wah Book Co., Shanghai. 1930. (In Chinese.)
—	History of Chinese Political Thought	Projected
Liu Tsung-pen (Lawrence Lew)	The Open Door Policy in China	University of Nanking Maga- zine, Vol. XIII, Nos. 3 and 4, June 1924.

Sociology Department

Author	Topic	Published or in manuscript
Smythe, Lewis S. C. with class in Introduction to Sociology	A Preliminary Study in Nanking: A Case Description of North- ern Immigrants and Cotton Weavers in Nanking. (A continuing study.)	Mimeographed findings, 12 pp. Autumn 1929.
Smythe, Lewis S. C.	A Study of the Chinese Student Family. Based on family histories of students.	Data being gathered.
Sarvis, G. W.	Changing Standards in Morals and Religion.	China Mission Year Book 1924.
—	The Social Situation in China.	Journal of Applied Sociology, Vol. IX, No. 4, March-April 1925.

Miscellaneous Articles by Members of
Faculty of the College of Arts and Science

Author	Topic	Where Published
Bates, M. S.	Present Tendencies of Christian Higher Education.	University of Nanking Magazine, Vol. XIV, No. 1, April 1925
Bowen, A. J.	Student Vocational Interests.	China Mission Year Book, 1924.
---	The Effect of the Present Situation of Public Affairs on the Work of Missions.	China Mission Year Book, 1925.
---	The Registration of Christian Schools in China.	Alumni Association of Christian Colleges Quarterly, Vol. I, No.1, Sept. 1925. Shanghai.
---	Support of Christian Work Compared with that of Chinese Ceremonies and Practices.	China Christian Year Book 1926.
---	Economic Status of Christian Schools and Economic Strength of Chinese.	China Christian Year Book, 1926.
Buck, Mrs. Pearl S. (Mrs. J.L.)	Beauty in China.	The Forum, Vol. LXXI, No. 326, March 1924.
---	The Clutch of the Ancients.	Chinese Recorder, Vol. LV, No. 8, August 1924.
---	It Was Not Like This in the Olden Days.	Christian Advocate (New York), Sept. 4, 1924.
---	Certain Aspects of the Chinese Student Mind.	The Nation, Vol. CXIX, No. 3092, Oct. 8, 1924.
---	New Difficulties for the Missionary.	Reviewed and quoted in the Literary Digest, Vol. LXXXIII, No. 3, Oct. 18, 1924.
---	China, The Eternal.	International Review of Missions, Vol. XIII, No. 52, Oct. 1924. Reprinted in The Living Age, Feb. 7, 1925; and The China Weekly Review, April 11, 1925.

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Miscellaneous Articles by Members of
Faculty of the College of Arts and Science

Author	Topic	Where Published
Buck, Pearl S. (Mrs. J. L.)	Religious Education in the Home.	China Sunday School Times, 1924.
—	A Chinese Woman Speaks. A Story.	Asia, Vol. XXVI, Nos. 4 and 5., April and May 1926.
—	The Soul of China.	North-China Daily News Sunday Supplement, June 1, 1930. Shang- hai. Reprinted from Pacific Relations, March 1930.
Buck, Pearl S. and Shao Teh- hsing	Lao Wang, The Farmer.	Chinese Recorder, Vol. LVII, No. 4, April 1926.
Hamilton, C. H.	An Interview with Tai Shu	University of Nanking Magazine, Vol. XV, No. 1, Jan. 1926
Hummel, W. F.	Training College Students to Teach Religion.	Educational Review, Vol. XVII, No. 3, July 1925
—	The Results of Compulsory Reli- gious Education in Mission Schools.	Chinese Recorder, Vol. LVI, No. 9, Sept. 1925.
Sarvis, G. W.	Changing Standards in Morals and Religion.	China Mission Year Book 1924.
—	The Social Situation in China.	Journal of Applied Sociology, Vol. IX, No. 4, March-April 1925
—	Missionary Education and Nation- alism.	University of Nanking Magazine, Vol. XIV, No. 1, April 1925.