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A. B. P. P.]

# SIAM

2nd. RURAL ECONOMIC SURVEY  
1934—1935.

By

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### **Errata.**

**First Page of Preface—last para—**For 'Nitidhana' read 'Nitidhada'

**Page 19.** Sixth line of Foot-note <sup>(1)</sup> for 'In' read 'It'

**Page 357.** Foot-note No. 7 for 'commodity' read 'community'.

**Page 357.** Foot-note No. 10 for 'commodities' read 'community'.

## PREFACE.

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The present report deals with factual information on economic conditions in rural Siam. The data were obtained by the Second Rural Economic Survey from the country people of the Kingdom, and concern transactions in cash and commodities during the year B. E. 2476,—from 1 April 1933 to 31 March 1934. The Survey was performed under the joint auspices of the Siamese Government and Harvard University.<sup>(1)</sup>

The highest appreciation must be expressed for the assistance and cooperation granted the Survey by governmental Ministries and officials. Nothing which was needful to the success of the Survey was neglected, and that this was the case is due primarily to the interest and efforts of H. S. H. Prince Sakol Varnakara Varavarna, Adviser to the Ministry of Interior; of H. S. H. Prince Vimvaditya Rabibadhana, Under-Secretary of State for the Ministry of Economic Affairs; and of Luang Dej Sahakorn, acting Under-Secretary of State for the Ministry of Agriculture. These three high officials of the Siamese Government were intimately associated with all plans made for the Survey, with the detailed prosecution of research in the field, and with the final interpretation of the data acquired. Whatever success the Survey may be deemed to have had is due chiefly to their whole-hearted interest and cooperation.

Preliminary arrangements for the Survey were carried out by correspondence between the following members of His Majesty's Government:

H. E. Phya Manopakorn Nitidhana, former President of the State Council,

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(1) The First Rural Economic Survey was performed in 1931 under the auspices of the Siamese Government and the International Council of Missions, and under the direction of Professor Carle C. Zimmerman. The reader is referred to the published report of this Survey,—“*Siam: Rural Economic Survey*” by Professor Carle C. Zimmerman, Bangkok Times Press, Bangkok, 1931.

H. E. Col. Phya Bahol Balavayuha Sena, President of the  
State Council,

The State Council, and

H. E. Phya Komarakul Montri, former Minister of Economic  
Affairs

and the following faculty members of Harvard University :

Prof. James Bryant Conant, President of the University,

Prof. Alfred M. Tozzer, Chairman of the Division of  
Anthropology,

Prof. Roland B. Dixon,

Prof. Earnest A. Hooton, and

Prof. Carle C. Zimmerman.

It was decided by this correspondence that an investigator should be sent to Siam from Harvard University to undertake research in economic and allied fields for the Siamese Government, and to undertake research in anthropology for Harvard University.

Shortly after the arrival of the investigator in Siam a Committee<sup>(1)</sup> was convened by the Ministry of Economic Affairs to discuss the aims of the Survey and to plan the methods by which they might be realized. It was decided that the Survey Party<sup>(2)</sup> should consist of young governmental officials to be loaned by various Ministries and Departments for the period of the Survey work, and that the work of the Survey should fall under three general headings,—economic, medical, and anthropometric.

The men appointed to the Survey under the official leadership of Mom Dhavivongse Dhavalayasakdi and Dr. Phra Jan Vitivedt devoted unflagging interest and energy to the task before them and succeeded in gathering the following factual information :

Economic: Detailed accounts of the incomes, expenditures, and inventories of over one thousand seven hundred rural Siamese households in forty villages of the agricultural districts of Siam.

Medical: Diagnoses and brief case histories of the members of over one thousand seven hundred rural Siamese families, and of an additional large number of school children.

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(1) For the membership of this Committee see Appendix A.

(2) For the membership of the Survey Party see Appendix B.

**Anthropometric:** Complete measurements and morphological observations on over four thousand adult male individuals including Thai, Lao, Siamese Khmer, and Siamese Mohn.

**Agricultural:** Soil samples for chemical and bacteriological analysis from most of the important agricultural districts of North-east, North, and South Siam.

A preliminary analysis of the economic data is presented in this report. The medical data will be made the basis of a separate report to the Ministry of Interior. A report on the anthropological data will be prepared in the statistical laboratories of Harvard University. Soil samples have been chemically analyzed by the Bureau of Agricultural Science, and will be bacteriologically analyzed in the laboratories of Massachusetts Agricultural College. The Government laboratories have analyzed dietary samples. Further analysis of the economic data will be undertaken in the statistical laboratories of Harvard University.

Invaluable assistance was given in the tabulation of economic anthropometric and medical data was given by Nai Thavi Raengkam: tabulation of the economic data was facilitated by the assistance of H. S. H. Prince Adhibarabongse Kashemsri of the Bureau of General Statistics.

Constant assistance in the preparation of the present report was given by Nai Rabil Bunnag.

It must finally be stated that the economic report as a whole owes more to the constant assistance and suggestions of Prof. Carle C. Zimmerman than to any other single individual. Without his pioneer work in this type of enquiry in Siam, and the experience gained from the First Rural Economic Survey, the present Survey would scarcely have been possible at all.

THE AUTHOR.



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## APPENDIX A.

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### MEMBERSHIP OF THE COMMITTEE CONVENED BY THE MINISTRY OF ECONOMIC AFFAIRS TO DISCUSS AND PLAN THE SURVEY.

- H. S. H. Prince Sakol Varnakara Varavarna, Adviser to the Ministry  
of Interior, Chairman,
- H. S. H. Prince Vimvaditya Rabibadhana, Under-Secretary of State  
for the Ministry of Economic Affairs,
- Luang Dej Sahakorn, acting Under-Secretary of State for the  
Ministry of Agriculture,
- Luang Chuljeeb Bijjadhara, Director-General of the Department of  
Fisheries,
- Phra Pramonda Panya, acting Director-General of the Department  
of Commerce,
- Phya Prasada Dhatukaraya, Director-General of the Department of  
Science,
- Phya Ahara Pariraks, Secretary of the Administrative Division of  
the Department of Agriculture,
- H. S. H. Prince Lakshanakara Kasemsanta, Head of the Section of  
Systematic Botany,
- Dr. Phra Jan Vitivedt, Chief of Health Division, Department of  
Public Health,
- Mom Dhavivongse Dhavalayasakdi,
- Phra Rajadharm Nides, acting Director-General of the Ecclesiastical  
Department,
- James M. Andrews, Associate in Anthropology, Peabody Museum,  
Harvard University.

## APPENDIX B.

### MEMBERSHIP OF THE SURVEY PARTY.

#### Economic Section

Mom Dhavivongse Dhavalayasakdi

Khun Sali Boriraks

Nai Rabil Bunnag

Nai Boonchuay Indrambaya

Nai Lunchieg Chodisalikor

Nai Thanu Satraphai

Nai Sangar Sharasuvarna

(Assistance in the economic work was also given by Nai Balloon Limbalik in all areas except the Center, by Nai Charoon Subsaeng in the North and North-east, by Khun Chanya Vicharn in the Center and South-east, by Nai Nibhandra Pungbun na Ayudhaya in the Center and Bangkok, by Nai Pongse Pintuydhn in Bangkok, and by Nai Sanong in the North-east.)

#### Medical and Anthropometric Section

Dr. Phra Jan Vitivedt

Dr. Khun Niddes Sukhakich

Dr. Kimkang Suvarnakich

Nai Som Sornavudh

Nai Somsakdi Pangavi

Nai Chun Chompunij

Nai Sodechai Chulobol

Nai Samak Patumanond

(Assistance in the medical work was also given by Dr. Siri Nagasompongse in the Center and South-east).

Special Observer for matters relating to Public Security

Major Luang Bhisidh Vidyakar