JAPAN'S FOREIGN EXCHANGE AND HER BALANCE OF INTERNATIONAL PAYMENTS

WITH SPECIAL REFERENCE TO

Recent Theories of Foreign Exchange

BY

S. Y. FURUYA

SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

in the Faculty of Political Science Columbia University

> NEW YORK 1928

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PREFACE

DURING and after the World War, exchange was one of the popular topics of discussion which demanded clear thinking. Practically all nations except the United States suffered from dislocated exchanges. Yet the theories as to the causes and remedies of these abnormal exchanges differed a great deal among the writers of different countries. Cassel. Keynes and most of the English economists have supported some form of the purchasing-power-parity theory, while other European economists adhered to a "speculation" theory, a "budgetary" theory, or a "reparation" theory. American economists were also divided in their opinions. But not all were satisfied with the line of thought developed by Viscount Goschen, Ricardo and J. S. Mill, for the classical theory of foreign exchange did not throw sufficient light upon the explanation of recent exchange movements. To say that exchanges are determined at the juncture of supply and demand is easy. But the matter is not quite so simple. We want to go a step farther, and ascertain what are the real conditions that determine supply and demand.

Various surveys of actual foreign exchange history have been recently made in different countries, but very few agree as to results. Taking this opportunity, the writer presents in the following study the Japanese case. Not belonging to any school or camp in the present exchange controversies, the author has tried to present the case as fairly as possible. Unfortunately, however, he has reached the conclusion that none of the recent exchange theories is adequate to explain the Japanese experiences.

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PREFACE

His next step was to examine theoretically these various controversial theories. Then an attempt was made to reach a final form of exchange theory; and the author believes that if European economic situations were explained in terms of this theory, the nature of the recent dislocation of exchanges would have been better conceived and more clearly understood, without the internal contradictions and defects common to recent theories.

In order to explain the exchange situation in Japan, the writer has endeavored to present all the factors and movements which make up Japan's balance of international payments, especially during the period 1914-1927. The statistical presentation of this part of the study is original, although the author is aware of the fact that figures of this kind need further correction and refinement. The first chapter was written primarily for those who are not familiar with the economic organization of Japan.

The author must express his gratitude to both Professor H. Parker Willis and Professor James W. Angell of Columbia University, without whose kind assistance and suggestions this study might not have been written. He is also under obligation in a number of ways to Professors Seligman, Seager, Moore, Simkhovitch, Mitchell, Clark and others of Columbia University, to the managers of the Yokohama Specie Bank and the Bank of Japan, and to officials of the Financial Division of the Department of Finance and of the Commercial Division of the Department of Commerce and Industry of the Japanese government.

S. Y. FURUYA.

NEW YORK CITY, AUGUST 15, 1927.

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BIBLIOGRAPHY

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JAPANESE GOVERNMENT PUBLICATION

Bureau de la statistique générale, Resumé statistique de l'empire du Japan, Tokio, 1925.

Department of Commerce and Industry, Kaigai Boeki Gairyaku (Summary of Foreign Trade of 1926), Tokio, 1927.

- Department of Finance, Kinyu Jikō Sankosho (Matters relating to-Finance), vols. for 1924, 1925, 1926, Tokio, 1924-1926.
- ----, The Twenty-fifth (and Twenty-sixth) Financial and Economic Annual of Japan, vols. of 1926 and 1927, Tokio, 1926-1927.
- -----, The National Debts of Japan, Tokio, 1906.
- -----, Financial Statistics of Japan, Tokio, 1923.
- ----, The Quarterly Report of Finance and Economic Conditions of Japan (quarterly), nos. 3, 4, 5, Tokio, 1925-1926.
- -----, Annual Return of the Foreign Trade of the Empire of Japan, Tokio, 1926.

-----, Monthly Return of the Foreign Trade of the Empire of Japan, vols. December, 1926, January, 1927, Tokio, 1927.

- Department of Interior, The Forty-fifth Statistics of the Japanese Empire, Tokio, 1926.
- Allen, G. C., "Recent Currency and Exchange Policy of Japan," Econ. Jour., Mar., 1925.
- Anderson, B. M., The Income of the American People and the Ratio of Foreign Trade to Domestic Trade, 1890-1924, The Chase National Bank, N. Y., 1925.

Angell, James W., The Theory of International Prices, Cambridge, 1926.

-----, "International Trade under Inconvertible Paper," Quar. J. of Econ., 1922, vol. 36.

—, "Monetary Theory and Monetary Policy," Quar. J. of Econ., Feb., 1925.

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- The Asahi Shimbun, English Supplement, Present Day Japan, Osaka, June, 1927.
- Bank of Japan, Economic Statistics of Japan, Tokio, 1925.
- ----, Oshu Senso to Nippon Kinyukai (The European War and the Japanese Financial Market), Tokio, 1918.
- Bureau of Foreign and Domestic Commerce (U. S. A.), China, a commercial and industrial handbook, Washington, 1926.
- -----, Trend in Japanese Trade, Washington, 1926 (by H. A. Butts), Washington, 1926.
- de Bordes, J. van Walre, The Austrian Crown, London, 1924.
- Buchanan, Daniel H., "The Rural Economy of Japan," Q. J. of Econ., Aug., 1923, pp. 545-578.
- Cannan, Edwin, Comments on Professor Cassel's article: "The World's Monetary Problems," The Annals of the American Academy of Pol. and Social Science, May, 1920.
- Cassel, Gustav, Money and Foreign Exchange after 1914 (London, 1922), New York edition, 1925.
- —, World's Monetary Problems, Two Memoranda, London, 1921.
- -----, "Present Position of the Foreign Exchange," *Econ. Jour.*, March and September, 1916.
- -----, "Depreciation of Gold," Econ. Jour., September, 1917.
- -----, "Abnormal Deviations of International Exchanges," Econ. Jour., December, 1918.
- ----, "Depreciation of the Mark," Econ. Jour., December, 1919.
- ----, "Some Leading Propositions for an International Discussion of the World's Monetary Problem," The Annals of the American Academy of Political and Social Science, May, 1920.
- -----, Deutchlands wirtschaftliche Widerstandskraft, Berlin, 1916.
- -----, Theoretische Sozialokonomie, Dritte, verbesserte Aufl., Leipzig, 1923. Chablani, H. S., Indian Currency and Exchange, Madras, 1925.
- Clare, George, The A B C of the Foreign Exchange (London, 1892), revised ed., 1911.
- Cross, Ira B., Domestic and Foreign Exchange, New York, 1923.
- Dichl, Karl, Uber Fragen des Geldwesens und der Valuta wahrend des Krieges und nach dem Kriege, Zweite Aufl., Jena, 1921.
- Eddins, George E., "International Silver Market," Commerce Monthly, October, 1926.
- Edwards, George W., Investing in Foreign Securities, New York, 1926.
- Escher, Franklin, The Elements of Foreign Exchange, a Foreign Exchange Primer, New York, 1910.
- Federal Reserve Board, Prices in the United States and Abroad, 1919-1923, Washington, 1923.
- -----, Federal Reserve Bulletin (monthly), vols. 1915-1927, Washington, 1915-1927.

- Fisher, Irving, Comments on Cassel's "The World's Monetary Problems," The Annals of the Am. Acad. of Pol. and Soc. Sc., May, 1920.
- Flux, A. W., Foreign Exchange, London, 1924.
- Furniss, Edgar S., Foreign Exchange, the Financial Mechanism of International Commerce, Boston, 1922.
- Furuya, S. Y., Foreign Exchange, Kyoto, revised ed., 1925.
- -----, Keizai Genron, Kyoto and Tokio, 1925.
- -----, "Japan's Foreign Exchange Policy," Doshisha Law Review, November, 1924.
- ----, "The Keynote of Japan's Exchange Policy," special edition of the *Fujimoto Weekly*, January, 1925.
- ——, "Recent Theories of Foreign Exchange," The Ginko Kenkyu: Banking Monthly), December, 1924.
- Gide, Charles, "French War Budgets for 1919-1920," Econ. Jour., June, 1919.
- Goschen, G. G., Foreign Exchanges (London, 1861), revised edition 1863.
- Gregory, T. E., Foreign Exchange, before during and after the War, London, 1922.
- ----, The Return to Gold, London, 1925.
- Herzfelder, Edmund, Die volkswirtschaftliche Bilans und eine neue Theorie der Wechselkurse, Berlin, 1919.
- Inoue, Junnosuke, Sengoni okeru Wagakunino Kinyu oyobi Keizai (Japan's Financial and Economic Conditions after the War), Tokio, 1925.
- ----, Wagakunino Kokusai Kinyu no Genjo oyobi sono Kaizensaku (Japan's International Finance at Present and her Policy), Tokio,. 1926.
- ---- "Present Financial Condition," Jitsugyono Nippon, Tokio, July, 1927.
- Jaeger, Ruth M., Stabilizing of the Foreign Exchanges, Columbia, 1924.
- The Japan Times, "Economic Development of Korea and Manchuria," Tokio, 1923.
- The Japan Year Book, 2 vols., 1926 and 1927, Tokio, 1926-1927 (editor, Takenonu).
- Kashiwagi, H., "The Japanese Yen and Japan's Economic Condition," The Foreign Securities Investor, March, 1926.
- Keilhan, Wilhelm, "The Valuation Theory of Exchange," Econ. Jour., June, 1925.
- Kellenberger, Eduard, Wechselkurs and Zahlungsbilanz im Kriege und Frieden, Zürich, 1919.
- Keynes, J. M., A Tract on Monetary Reform, London, 1924.
- Kodama, Kenji, "Japan's Future Finance viewed from the Overseas. Markets," The Kokumin Shimbun, No. 12,567.

206

Kobayashi, U., War and Armament Loans of Japan, New York, 1922.

- Kurisu, O., Nippon Kinyushi no Kenkyu (A Study on History of Finance in Japan), Tokio, 1927.
- Kyoto Imperial University, Kyoto University of Economic Review, No. 1, July, 1926.
- League of Nations, Memorandum on Currency and Central Banks, 1913-1925, Geneva, 1926.
- —, Memorandum on Balance of Payments and Foreign Trade, Geneva, 1925.
- -----, Brussels Financial Conference, Geneva, 1923.
- Leurence, Fernand, La stabilisation du Franc, Paris, 1926.
- Maeda, K., Yen Gawaseno Kenkyu (A Study of Japanese Yen Exchange), Tokio, 1925.

Mahlberg, Walter, Uber asiatische Wechselkurse, Leipzig, 1920.

- Matsukata, M., Report on the Adoption of the Gold Standard in Japan, Tokio, 1899.
- Mitchell, Wesley C., International Price Comparisons, Washington, 1919.
- The New York Journal of Commerce, "A History of Banking in All Leading Nations," New York, 1896.
- Nogaro, B., Lo monnaie et les phenomene contemporoine, Paris, 1924.
- Odate, G., Japan's Financial Relations with the United States, Columbia, 1922.
- The Oriental Economist Year Book, Tokio, 1925.
- Pigou, A. C., "Some Problems of Foreign Exchange," Econ. Jour., January, 1920.
- ----, "The Foreign Exchange," Quar. J. of Econ., November, 1922.
- Prion, W., Inflation und Geldentwertung, Berlin, 1919.
- Remer, C. F., The Foreign Trade of China, Shanghai, 1926.
- Rist, Charles, La deflation en pratique, Paris, 1924.
- Robertson, D. H., Money, New York, 1922.
- Saito, Hiroshi, "The Natural Resources of Japan," The Ann. of Am. Acad. of Pol. and Soc. Sci., vol. 122, November, 1925.
- Schacht, H., Die Stabilisierung der Mark, Berlin, 1927.
- Seligman, Edwin R. A., Principles of Economics, 11th ed., New York, 1926.
- The Silk Association of America, The Fifty-fifth Annual Report, New York, 1927.
- -----, The Twenty-seventh Mid-Year Report, New York, 1926.
- Soda, Kiichiro, Die logische Natur der Wirtschaftsgesetze, Stuttgart, 1911.
- Soyeda, J., "Economic Situations in Japan," Econ. Jour., June, 1923.
- Spalding, W. F., Eastern Exchange, Currency and Finance (London, 1917), fourth ed., London, 1924.

The Statesman's Year Book, vols. 1918-1926, London, 1918-1926.

- Statistical Abstract for British India from 1915-16 to 1924-25, London, 1926.
- Stern, S., The Foreign Exchange Problem, The Columbia Trust Co., New York, 1921.
- Takata, Y., Keisaigaku Kenkyu, Tokio, 1924.
- Takayama, T., "The Gold Exchange Fund System," Ginko Kenkyu, December, 1924.
- Taussig, F. W., International Trade, New York, 1927.
- Terborgh, G. W., "The Purchasing Power Parity Theory," J. of Pol. Econ., April, 1926.
- Uyehara, U., The Industry and Trade of Japan, London, 1926.
- U. S. Senate, Commission of Gold and Silver Inquiry, Foreign Currency and Exchange Investigation, vols. i-ii, Washington, 1925 (editor, John Parke Young).
- —, Depreciated Exchange and International Trade, Washington, 1922.
- van Dorp, E. C., "Abnormal Deviations in International Exchanges," Econ. Jour., 1920.
- ----, "Deviations of Exchange," Econ. Jour., vol. 29, 1919.
- Walter, Hubert C., Foreign Exchange and Foreign Debts, London, 1926. Whitaker, A. C., Foreign Exchange, New York, 1919.
- Wikawa, T., "Sources of Revenue in Japan," The Ann. of Am. Acad. of Pol. and Soc. Sc., November, 1925.
- Williams, J. H., "German Foreign Trade and the Reparation Payments," Quar. J. of Econ., 1922.
- ----, "Prices and the Course of International Trade," The Ann. of Am. Acad. of Pol. and Soc. Sc., May, 1920.
- ----, "Foreign Exchanges under Depreciated Paper," Jour. of Am. Bankers Association, 1922.
- Willis, H. Parker and Edwards, Banking and Business, New York, 1925.
- Willis, H. Parker and Steiner, William H., Federal Reserve Banking Practice, New York, 1926.
- Willis, H. Parker, History of the Federal Reserve System, New York, 1924.
 - Withers, Hartley, Money Changing, London, 1913.
- The World's Almanac (for 1926 and 1927), New York, 1926-1927.
- Yamamuro, S., Waga kunino Kinyu Shijo (Financial Market in Japan), Tokio, 1926.
- York, Thomas, International Exchange, Theory and Practice, New York, 1923.
- Young, A. A., "War Debts, External and Internal," Foreign Affairs, 1924.
- Yhuka, T., "Why no Discount Market in Japan," The Kokumin Shimbun, January 20-22, 1927.
- Zimand, Savel, State Capitalism in Russia, New York, 1927.

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