# The JOURNAL of ECONOMIC HISTORY

VOLUME XXXVII DECEMBER 1977 NUMBER 4

ARTICLES

**SMITH** 

Death and Life in a Colonial Immigrant City: A Demographic Analysis of Philadelphia

GOOD

Financial Integration in Late Nineteenth-Century Austria

COSTIGLIOLA

Anglo-American Financial Rivalry in the 1920s

MINAMI

Mechanical Power in the Industrialization of Japan

**SCHMITZ** 

Economies of Scale and Farm Size in the Antebellum Sugar Sector

MOKYR

Demand vs. Supply in the Industrial Revolution

MARTI

The Changing Role of Foreign Money in the United States, 1782-1857

REVIEW ARTICLE

BERNARD BAILYN

French Historical Method: The Annales Paradigm. By Traian Stoianovich.

**EDITORS' NOTES** 

REVIEWS OF BOOKS

**BOOK NOTES** 

INDEX TO VOLUME XXXVII

PUBLISHED BY THE ECONOMIC HISTORY ASSOCIATION AT THE JOHNS HOPKINS UNIVERSITY

## **EDITORS**

## RONDO CAMERON LOUIS GALAMBOS

## EDITORIAL STAFF

Elena L. Berger, Assistant Editor Cynthia Walsh, Assistant Editor Richmond D. Williams, Business Manager

### EDITORIAL BOARD

Philip D. Curtin Johns Hopkins Paul A. David Stanford Folke Dovring Illinois Richard A. Easterlin Pennsylvania Stanley L. Engerman Rochester Robert Forster Johns Hopkins David Herlihy Harvard Chicago Donald McCloskey Marvin R. McInnis Oueen's Hugh Patrick Yale Rice Gaston Rimlinger Stanley J. Stein Princeton Gavin Wright Michigan

THE JOURNAL OF ECONOMIC HISTORY is published in March, June, September, and December by The Economic History Association at The Johns Hopkins University. The JOURNAL is sent to all members of the Association. Membership rates are: student membership, \$5.00; regular membership, United States, \$15.00; library subscriptions, \$20.00; regular membership, foreign, \$15.50; professors emeriti who have been members of the Association for ten years, \$10.00; back issues, \$5.00. Applications and inquiries concerning membership and single copies should be addressed to Secretary-Treasurer RICHMOND D. WILLIAMS, Eleutherian Mills Historical Library, Wilmington, Delaware 19807.

Articles on economic history and related aspects of history or economics will be considered for publication by the editors. Those manuscripts incorporating the results of detailed original research should include some discussion of the broader significance of the subject matter. Contributions should be typed double spaced; tables and footnotes, also double spaced, should be grouped separately at the end of the paper. If possible, three copies of each manuscript should be submitted; and each manuscript should be accompanied by a statement of the approximate number of words which it contains. A submission fee of \$15.00 is required from non-members of The Economic History Association. Prospective contributors may obtain from the Editorial Office a copy of "Suggestions to Contributors," a list of the major literary and stylistic customs of the Journal.

Articles and correspondence relating to editorial functions of The Journal of Economic History should be directed to the Editorial Office, The Journal of Economic History, Milton S. Eisenhower Library, The Johns Hopkins University, Baltimore, Maryland 21218.

## PUBLISHED QUARTERLY BY THE ECONOMIC HISTORY ASSOCIATION AT THE JOHNS HOPKINS UNIVERSITY

BUSINESS OFFICE: ELEUTHERIAN MILLS HISTORICAL LIBRARY WILMINGTON, DELAWARE 19807

Second Class Postage Paid at Wilmington, Del. and at Additional Mailing Offices
Copyright 1977 by The Economic History Association
Printed in the U.S.A. by The Heffernan Press Inc.

## THE JOURNAL of ECONOMIC HISTORY

VOLUME XXXVII

Editors

RONDO CAMERON

LOUIS GALAMBOS

Business Manager
RICHMOND D. WILLIAMS

PUBLISHED BY THE ECONOMIC HISTORY ASSOCIATION AT THE JOHNS HOPKINS UNIVERSITY

,		
U.S. POSTAL SERVICE  2,9580 STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION  (Required by 39 U.S.C. 3685)		
1. TITLE OF PUBLICATION-		2. DATE OF FILING
Journal of Economic History 3. FREQUENCY OF 153946	- I	Sept. 26, 1977
Quarterly	ANNUALLY	PRICE ADD DO
4. LOCATION OF KNOWN OFFICE OF PUBLICATION (Street, City, C	Four	\$20.00
Eleutherian Mills Historical Librar	PFICES OF THE PUBLISHERS (No.	t printers)
Same		,
6. NAMES AND COMPLETE ADDRESSES OF PL	BLISHER, EDITOR, AND MANAGE	NG EDITOR
PUBLISHER (Name and Address) Eleut	herian Mills Histo	rical Library
Economic History Association - Green	ville, Wilm., Del.	19807
EDITOR (Name and Address) Mi]	ton S.Eisenhower L	ibrary, Johns Hopki
Rondo Cameron & Louis Galambos -Bal	timore,Md.21218	Univ
MANAGING EDITOR (Name and Address)		
7. OWNER (If owned by a corporation, its name and address must be a holders owning or holding I percent or more of total amount of stock, owners must be given. If owned by a partnership or other unincorpo be given.)	If not owned by a corporation, the n	ames and addresses of the individual
NAME	ADD	RESS
Economic History Association	Eleutherian Mills	Historical Librar
	Greenville, Wilm.	
		,
8. KNOWN BONDHOLDERS, MORTGAGEES, AND OTHER SECUR TOTAL AMOUNT OF BONDS, MORTGAGES O	OTHER SECURITIES (If there are	none, so state)
NAME	ADO	RESS
None		
***		
FOR COMPLETION BY NONPROFIT ORGANIZATIONS AUTHOR!     The purpose, function, and nonprofit status of this organization and this		
MANE NOT CHANGED DURING HAVE CHANGED DUR	one of the second architecture	nust submit explanation of change
PRECEDING 12 MONTHS HAVE CHANGED DUI	HS with this statement.)	
10. EXTENT AND NATURE OF CIRCULATION	AVERAGE NO. COPIES EACH ISSUE DURING PRECEDING 12 MONTHS	ACTUAL NO. COPIES OF SINGLE ISSUE PUBLISHED NEAREST TO FILING DATE
A. TOTAL NO. COPIES PRINTED (Net Press Run)	3,708	3,630
B. PAID CIRCULATION 1. SALES THROUGH DEALERS AND CARRIERS, STREET VENDORS AND COUNTER SALES	0	0
2. MAIL SUBSCRIPTIONS	3,602	3,530
C. TOTAL PAID CIRCULATION (Sum of 1081 and 1082)		
	3,602	3,530
D. FREE DISTRIBUTION BY MAIL, CARRIER OR OTHER MEANS SAMPLES, COMPLIMENTARY, AND OTHER FREE COPIES	20	20
E. TOTAL DISTRIBUTION (Sum of C and D)	3,622	3,550
F. COPIES NOT DISTRIBUTED  1. OFFICE USE, LEFT OVER, UNACCOUNTED, SPOILED AFTER PRINTING	86	80
2. RETURNS FROM NEWS AGENTS	0	0
G. TOTAL (Sum of E, F1 and 2—should equal net press run shown in A)	7 709	3,630
SIGN	ATURE AND TITLE OF EDITOR, P	UBLISHER, BUSINESS
11. I certify that the statements made by me above are correct and complete.	Technical Dull	learns Bu. Mgr.
12. FOR COMPLETION BY PUBLISHERS MAILING AT THE REGULA	<del>/</del>	
39 U. S. C. 3626 provides in pertinent part: "No person who would shall mail such matter at the rates provided under this subsection unless to mail metter at such rates,"	have been entitled to mail matter und	er former section 4359 of this title
In accordance with the provisions of this statute, I hereby request per rates presently authorized by 39 U. S. C. 3626.	mission to mail the publication name	ed In Item 1 at the phased postage
SIGNATURE AND TITLE OF EDITOR, PUBLISHER, BUSINESS MANAGER, OR OWNER		
Duhmar Duhlle	Business Manager	

PS Form 3526 (Page 1)

(See instructions on reverse)

## THE JOURNAL OF ECONOMIC HISTORY

Volume XXXVII	December 1977	Number 4
ABSTRACTS		
ARTICLES		
	гн e in a Colonial Immigrant City: A De is of Philadelphia	emo- 863
David F. Goo Financial Integ	DD gration in Late Nineteenth-Century Aus	stria 890
Frank C. Cos Anglo-America	STIGLIOLA n Financial Rivalry in the 1920s	911
Ryoshin Min. Mechanical Po	AMI wer in the Industrialization of Japan	935
MARK D. SCH Economies of S Sector	MITZ cale and Farm Size in the Antebellum S	ugar 959
JOEL MOKYR  Demand vs. Se	upply in the Industrial Revolution	981
DAVID A. MA The Changing 1782-1857	RTIN Role of Foreign Money in the United Sta	ates, 1009
REVIEW ARTICI	Æ	
BERNARD BAII French Histor Traian Stoiano	ical Method: The Annales Paradigm.	By 1028
<b>EDITORS' NOTE</b>	S	1035
REVIEWS OF BO	OOKS	
ANSTEY, ROGER AND P. E. H. HAIR, EDITORS	Liverpool, the African Slave Trade, and Abolitio to Illustrate Current Knowledge and Reserviewed by David Eltis	arch, re-
BAIN, GEORGE S. AND FAROUK ELSHEIKH	Union Growth and the Business Cycle: An Eco Analysis, reviewed by Louis J. Maccini	nometric
BLACKFORD, MANSEL G.	The Politics of Business in California, 1890-1 viewed by Thomas C. Cochran	1920, re-
BOIS, GUY	Crise de feodalisme, reviewed by R. S. Gottfri	
BOURDÉ, GUY	Urbanisation et immigration en Amerique-Latine Aires, XIX <sup>e</sup> et XX <sup>e</sup> siècles, reviewed by S Socolow	e: Buenos Susan M.
CHECKLAND, S. G.	The Upas Tree, Clasgow, 1875-1975: A Study in and Contraction, reviewed by Eric E. Lamp	Growth

CIOCCA, PIERLUIGI AND GIANNI TONIOLO, EDITORS	L'economia italiana nel periodo fascista, reviewed by Pierangelo Toninelli	1047
COALSON, GEORGE O.	The Development of the Migratory Farm Labor System in Texas: 1900-1954, reviewed by Joe Pratt	1048
COLEMAN, D. C.	The Economy of England, 1450-1750,	
KELLENBENZ, HERMANN	The Rise of the European Economy: An Economic History of Continental Europe from the Fifteenth to the Eighteenth Century, reviewed by Rondo Cameron	1049
COPP, E. ANTHONY	Regulating Competition in Oil: Government Intervention in the U.S. Refining Industry, 1948-1975, reviewed by Thomas K. McCraw	1050
DEACON, ALAN	In Search of the Scrounger: The Administration of Un- employment Insurance in Britain, 1920-1931, reviewed by Charles R. Perry	1051
DE VRIES, MARGARET GARRITSEN	The International Monetary Fund, 1966-1971: The System Under Stress. Vol. I: Narrative. Vol. II: Documents, reviewed by Robert Triffin	1052
ELLIS, MARIA DE J.	Agriculture and the State in Ancient Mesopotamia, reviewed by Folke Dovring	1054
EVANS, ERIC J.	The Contentious Tithe: The Tithe Problem and English Agriculture, 1750-1850, reviewed by Jean-Paul Desaive	1055
FELDMAN, GERALD D.	Iron and Steel in the German Inflation, 1916-1923, reviewed by Arthur Schweitzer	1056
FEUERWERKER, ALBERT	The Foreign Establishment in China in the Early Twentieth Century, reviewed by Shannon R. Brown	1057
FINLEY, M. I., EDITOR	Studies in Roman Property by the Cambridge University Research Seminar in Ancient History, reviewed by Gerald Gunderson	1058
FONER, PHILIP S.	Labor and the American Revolution, reviewed by Paul F. Paskoff	1060
GERSCHENKRON, ALEXAN- DER	An Economic Spurt That Failed: Four Lectures in Austrian History, reviewed by David F. Good	1061
GESSNER, DIETER	Agrardepression, Agrarideologie und konservative Politik in der Weimarer Republik, and	
PUHLE, HANS-JÜRGEN	Politische Agrarbewegungen in kapitalistischen Indus- triegesellschaften: Deutschland, USA und Frankreich im 20. Jahrhundert, reviewed by David W. Hendon	1063
GOODY, JACK	Production and Reproduction: A Comparative Study of the Domestic Domain, reviewed by Folke Dovring	1064
GUTMAN, HERBERT G.	Work, Culture and Society in Industrializing America, reviewed by Daniel J. Leab	1065
HILOWITZ, JANE	Economic Development and Social Change in Sicily, reviewed by Lloyd Saville	1065
HIRSCHMAN, ALBERT O.	The Passions and the Interests: Political Arguments for Capitalism before Its Triumph, reviewed by Traian Stoianovich	1066
JUDT, TONY	La Reconstruction du Parti socialiste, 1921-1926, and	
JOUBERT, JEAN-PAUL	Revolutionnaires de la S.F.I.O., reviewed by Michael Hanagan	1068
KEDAR, BENJAMIN Z.	Merchants in Crisis: Genoese and Venetian Men of Affairs and the Fourteenth-Century Depression, reviewed by	1070

LEE, ALAN J.	The Origins of the Popular Press in England, 1855-1914, reviewed by Robert Glen	1071
MAMALAKIS, MARKOS J.	The Growth and Structure of the Chilean Economy From Independence to Allende, reviewed by Bruce Herrick	1072
MARSHALL, P. J.	East Indian Fortunes: The British in Bengal in the Eighteenth Century,	
KLING, BLAIR B	Partner in Empire: Dwarkanath Tagore and the Age of Enterprise in Eastern India, reviewed by Alan W. Heston	1074
MARTINEZ-ALIER, JUAN	Haciendas, Plantations and Collective Farms, reviewed by Stuart B. Schwartz	
MICHEL, BERNARD	Banques et banquiers en Autriche au début du XX° siècle, reviewed by John R. Lampe	1078
MILLER, ARTHUR SELWYN	The Modern Corporate State: Private Governments and the American Constitution, reviewed by David Wrone	1079
MOKYR, JOEL	Industrialization in the Low Countries, 1795-1850, reviewed by Franklin F. Mendels	1079
PACEY, ARNOLD	The Maze of Ingenuity: Ideas and Idealism in the Development of Technology, reviewed by Otto Mayr	1082
PATERSON, DONALD G.	British Direct Investment in Canada, 1890-1914, reviewed by R. Marvin McInnis	1083
PRAIS, S. J.	The Evolution of Giant Firms in Britain: A Study of Concentration in Manufacturing Industry in Britain, 1909-70,	
BOSWELL, JONATHAN	and The Rise and Decline of Small Firms, reviewed by James H. Soltow	1084
RAZZELL, PETER	Edward Jenner's Cowpox Vaccine: The History of a Medical Myth, reviewed by J. Michael Lane	1086
RODEWALD, COSMO	Money in the Age of Tiberius, reviewed by James E. Harper	1087
ROWLAND, BENJAMIN M., EDITOR	Balance of Power or Hegemony: The Interwar Monetary System, reviewed by Charles P. Kindleberger	1089
SCASE, RICHARD	Social Democracy in Capitalist Society: Working Class Politics in Britain and Sweden, reviewed by Peter Novick	1090
SKINNER, ANDREW S. AND THOMAS WILSON, EDITORS	Essays on Adam Smith, reviewed by Joseph J. Spengler	1090
SMITH, R. E. F.	Peasant Farming in Muscovy, reviewed by A. M. Kleimola	1092
SOLOMON, ROBERT	The International Monetary System, 1945-1976: An Insider's View, reviewed by Alec Cairncross	1093
STEWART, MICHAEL	The Jekyll and Hyde Years: Politics and Economic Policy since 1964, reviewed by Max E. Fletcher	1094
SWIERENGA, ROBERT P.	Acres for Cents: Delinquent Tax Auctions in Frontier Iowa, reviewed by Richard Sutch	1095
TAGLIAFERRI, AMELIO	Relazioni dei rettori veneti in terraferma. Vol. VI: Podestaria e capitanato di Rovigo (e Provveditorato Generale del Polesine). Vol. VII: Podestaria e capitanato di Vicenza, reviewed by Louise Buenger Robbert	1097
TAPINOS, GEORGES	L'économie des migrations internationales, reviewed by	1000

VINER, JACOB	The Role of Providence in the Social Order: An Essay in Intellectual History, reviewed by William J. Baumol.	
WEBB, RICHARD C.	Government Policy and the Distribution of Income in Peru, 1963-1973, reviewed by Al Saulniers	
WILSON, THOMAS AND ANDREW S. SKINNER, EDITORS	The Market and the State: Essays in Honour of Adam Smith, and	
WEST, E. G.	Adam Smith: The Man and His Works, reviewed by William D. Grampp	
ZYZMAN, JOHN	Political Strategies for Industrial Order: State, Market and Industry in France, reviewed by Paul M. Hohenberg	
BOOK NOTES	1	1106
<b>BOOKS RECEIVED</b>		1109
INDEX TO VOLUM	E XXXVII	1116
CONTRIBUTORS		1124

## CONTENTS OF VOLUME XXXVII

## 1977

## Number 1, March

## Papers Presented at the Thirty-Sixth Annual Meeting of the Economic History Association

	JOHN P. MC KAY,	Introduction	1
	PAUL J. USELDING	C Not and the New Control History	
	ROBERT E. GÄLLMAN	Some Notes on the New Social History  The Role of War in Modern Inflation	3 13
	EARL J. HAMILTON		13
	LARRY D. NEAL	Interpreting Power and Profit in Economic History: A	20
		Case Study of the Seven Years War	20
	JOHN H. MORROW, JR.	Industrial Mobilization in World War I: The Prussian	
		Army and the Aircraft Industry	36
		Discussion: Joseph D. Reid, Jr., Rolf H. Dumke	52
	A. J. R. RUSSELL-WOOD	Technology and Society: The Impact of Gold Mining on	
		the Institution of Slavery in Portuguese America	59
		Discussion: Joseph Love	84
	CLAUDIA GOLDIN	Female Labor Force Participation: The Origin of Black	
		and White Differences, 1870 and 1880	87
		Discussion: Harold D. Woodman	109
	KOZO YAMAMURA	Success Illgotten? The Role of Meiji Militarism in Japan's	
		Technological Progress	113
		Discussion: Richard Rice	136
	ANITA B. BAKER	Community and Growth: Muddling Through with Rus-	
		sian Credit Cooperatives	139
	EDWARD AMES,	The Birth and Death of Taxes: A Hypothesis	161
	RICHARD T. RAPP		
		Discussion: James Millar	179
	FREDRIC CHEYETTE	The Origins of European Villages and the First European	
		Expansion	182
		Discussion: Ambrose Raftis	207
	GASTON RIMLINGER	Labor and the Government: A Comparative Historical	
		Perspective	210
		Discussion: William H. Sewell, Jr	226
	RESEARCH WORKSHOPS	Summaries of Research Workshops by: William N. Parker	
		and Stephen DeCanio, Herman Freudenberger and	
		Klaus Wolff, Marvin McInnis, Glenn Porter, Harry N.	
		Scheiber, and Joan Scott	230
	DOCTORAL CANDIDATES	Summaries of Doctoral Dissertations by: Fred V.	
		Carstensen, Geoffrey N. Gilbert, William J. Hausman,	
		George J. Lamb, Moses S. Musoke, Paul F. Paskoff,	
		Townsend Walker, and Lee S. Weissbach	245
		Discussion: Richard Roehl, Fred Bateman	272
Ŀ	DITORS' NOTES	•••••	281
		<del></del>	
		Number 2, June	
		-	
١	RTICLES		
	GERALD W. DAY	Manuel and the Genoese: A Reappraisal of Byzantine	
		Commercial Policy in the Late Twelfth Century	289
	JOSEPH D. REID, JR.	Understanding Political Events in the New Economic	
		TTI-ta	000

SCOTT M. EDDIE	The Terms and Patterns of Hungarian Foreign Trade, 1882-1913	329
TS'UI-JUNG LIU,	An Analysis of the Land Tax Burden in China, 1650-1865	359
JOHN C. H. FEI		000
DONALD WINTERS	Tenancy as an Economic Institution: The Growth and Distribution of Agricultural Tenancy in Iowa, 1850-1900	382
DAVID ELTIS	The Export of Slaves from Africa, 1821-1843	409
NOTES AND DISCUSSION		
LEWIS R. JONES	"The Mechanization of Reaping and Mowing in American Agriculture, 1833-1870": Comment	471
REVIEW ARTICLES		
GASTON V. RIMLINGER	Unity and Diversity in African Development	456
EDWIN M. TRUMAN MARTIN BRONFENBREN-	The International Monetary System in Review  Four Contributions to Doctrinal Theory	461 466
NER -	Tour Contributions to Doctrinal Theory	400
EDITORS' NOTES		472
		477
		573
BOOKS RECEIVED		576
	Number 3, September	
ARTICLES		
RAINER FREMDLING	Railroads and German Economic Growth: A Leading Sec-	
	tor Analysis with a Comparison to the United States and	
	Great Britain	583
ROBERT C. ALLEN	The Peculiar Productivity History of American Blast Furnaces, 1840-1913	605
PAUL GLENN MUNYON	A Critical Review of Estimates of Net Income from Ag-	000
	riculture for 1880 and 1900: New Hampshire, A Case	
	Study	634 655
CARL A. MOSK CAROLE SHAMMAS	Demographic Transition in Japan  The Determinants of Personal Wealth in Seventeenth-	000
CAROLE SHAWMAS	Century England and America	675
IRVING STONE	British Direct and Portfolio Investment in Latin America	
	Before 1914	690
PAUL F. MC GOULDRICK, MICHAEL B. TANNEN	Did American Manufacturers Discriminate Against Immigrants Before 1914?	723
NOTES AND DISCUSSION	giants before 1914:	120
ALBERT W. NIEMI, JR.	Inequality in the Distribution of Slave Wealth: The Cot-	
	ton South and Other Southern Agricultural Regions .	747
REVIEW ARTICLES	Development Control on Control on	755
RICHARD C. LEVIN SELWYN CORNISH	Perspectives on Contemporary Capitalism  Recent Writing in Indian Economic History	762
		767
	***************************************	769
		855
BOOKS RECEIVED		859
	v I ( p   I	
•	Number 4, December	
ARTICLES		
BILLY G. SMITH	Death and Life in a Colonial Immigrant City: A Demographic Analysis of Philadelphia	863

DAVID F. GOOD	Financial Integration in Late Nineteenth-Century Austria	890
FRANK C. COSTIGLIOLA	Anglo-American Financial Rivalry in the 1920s	911
RYOSHIN MINAMI	Mechanical Power in the Industrialization of Japan	935
MARK D. SCHMITZ	Economies of Scale and Farm Size in the Antebellum	
	Sugar Sector	959
JOEL MOKYR	Demand vs. Supply in the Industrial Revolution	981
DAVID A. MARTIN	The Changing Role of Foreign Money in the United	
	States, 1782-1857	
REVIEW ARTICLE		
BERNARD BAILYN	French Historical Method: The Annales Paradigm. By	
	Traian Stoianovich	
EDITORS' NOTES		1035
BOOKS RECEIVED		1109
INDEX TO VOLUME XXX	VII	1116
CONTRIBUTORS		1124