

# Social Science History

---

*The Official Journal of the Social Science History Association*

VOLUME 10 NUMBER 4 WINTER 1986

---

Published quarterly by Duke University Press

---

Subscriptions: Libraries and institutions: \$50; individuals: \$20; students: \$12. (Add \$6.00 for postage outside the United States.) Individual rate includes membership in the Social Science History Association; all individual subscribers will receive information from the SSHA, as well as copies of the journal. Back issues: \$13; back volume: \$50. Make payment to Duke University Press, Journals Department, 6697 College Station, Durham, NC 27708, USA.

Membership inquiries: Correspondence should be addressed to Howard W. Allen, Dept. of History, Southern Illinois University at Carbondale, Carbondale, IL 62901.

Claims for missing issues should be made within two months following the regular month of publication; the publishers will supply missing numbers without charge only when losses have been sustained in transit and when reserve stock will permit. For library exchange proposals, address Duke University Library, Gift and Exchange Dept., Durham, NC 27706, USA.

*Copying beyond fair use* The code on the first page of each article in this journal indicates permission to make copies beyond those permitted by Sections 107 and 108 of the U.S. Copyright Law, provided that copies are made only for personal or internal use, or for the personal or internal use of specific clients, and provided that the copier pay the base fee of \$1.50 per copy to the Copyright Clearance Center, Inc., 21 Congress St., Salem, MA 01970, USA. This consent does not extend to other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works, or for resale.

*Advertising* Current rates and specifications may be obtained by writing to the Marketing Manager at Duke University Press.

*Social Science History* is listed in *Applied Social Science Index and Abstracts*, *Current Contents*, *Social Sciences Citation Index*, and the *United States Political Science Documents*.

Copyright © 1986 by the Social Science History Association US ISSN 0145-5532.

EXTENT AND NATURE OF CIRCULATION *Average number of copies of each issue published during the preceding twelve months:* (A) total number of copies printed, 1319; (B.1) sales through dealers and carriers, street vendors and counter sales, 0; (B.2) paid mail subscriptions, 794; (C) total paid circulation, 794; (D) samples, complimentary, and other free copies, 27; (E) total distribution, 821; (F.1) office use, left over, unaccounted, spoiled after printing, 498; (F.2) returns from news agents, 0; (G) total, 1319. *Actual number of copies of single issue published nearest to filing date:* (A) total number of copies printed, 1301; (B.1) sales through dealers and carriers, street vendors and counter sales, 0; (B.2) paid mail subscriptions, 750; (C) total paid circulation, 750; (D) samples, complimentary, and other free copies, 31; (E) total distribution, 781; (F.1) office use, left over, spoiled after printing, 520; (F.2) returns from news agents, 0; (G) total, 1301.

# Social Science History

*The Official Journal of the Social Science History Association*

VOLUME 10, NUMBER 4

WINTER 1986

## *The Biological Past of the Black*

Introduction KENNETH F. KIPLE, Guest Editor 339

A Survey of Recent Literature on the Biological Past of the Black KENNETH F. KIPLE 343

African Health at Home and Abroad  
PHILIP D. CURTIN 369

Lead Contact and Poisoning in Barbados Slaves: Historical, Chemical, and Biological Evidence JEROME S. HANDLER, ARTHUR C. AUFDERHEIDE, ROBERT S. CORRUCINI, ELIZABETH M. BRANDON, LORENTZ E. WITTMERS, JR. 399

A Dreadful Childhood: The Excess Mortality of American Slaves RICHARD H. STECKEL 427

The New "Black Death": Cholera in Brazil, 1855-1856 DONALD B. COOPER 467

Africa, Afro-Americans, and Hypertension: An Hypothesis THOMAS W. WILSON 489

Future Studies of the Biological Past of the Black  
KENNETH F. KIPLE 501

Index to Volume 10

**SOCIAL SCIENCE HISTORY** is the journal of the Social Science History Association and exists to publish material directed to improving the quality of historical explanation in teaching and research of relevant theories and methods from the social science disciplines. It is aimed at social scientists interested in longitudinal analysis and historians seeking a more rigorous and consciously theoretical orientation. The editors encourage and provide a forum for research that attempts generalizations of some breadth verified by systematic examination of the relevant evidence and supported by quantitative analysis when appropriate. Research efforts involving comparisons across time between individuals and groups within a single population and between different and properly comparable populations across space and over time will be particularly welcome. The editors welcome contributions to the development of theory and techniques which, although firmly centered in particular social science disciplines, can provide a genuine interdisciplinary focus in approaching the historical dimension. *Social Science History* will also inform its readers about new developments in social science data archives, research funding agencies, training programs and summer institutes, and significant new publications in history and the social science disciplines.

**MANUSCRIPTS** should be submitted in triplicate to James Q. Graham, Jr., Department of History, Bowling Green State University, Bowling Green, OH 43403. They must be typed with *all* written material *double-spaced* (including quotations, notes, and the list of references) using only one side of the paper. The typewritten lines should not exceed 5½ inches in length. Brief parenthetical citations are included in the text, all complete references are listed alphabetically at the end of the article, and notes are used only for discursive comments which appear immediately before the list of references. Manuscripts over 30 pages (including tables, notes, and references) will not be published. A "Guide for Authors" may be obtained from the Editors. The Social Science History Association does not accept responsibility for statements of fact or opinion made by the contributors.

*Book Reviews* All inquiries from publishers, suggestions for books to be reviewed, and questions from prospective book reviewers should be sent to Alan M. Kraut at the Department of History, American University, Nebraska and Massachusetts Avenues, NW, Washington, D.C. 20016.

*Social Science History* (ISSN: 0145-5532) is published quarterly, at \$50 for institutions and libraries and \$20 for individuals, for the Social Science History Association by Duke University Press, Box 6697 College Station, Durham, NC 27708. Second-class postage paid at Durham, NC. POSTMASTER: Send address changes to Duke University Press, Box 6697 College Station, Durham, NC 27708.