

Cambridge University Press

0521381126 - Applications of Biological Anthropology to Human Affairs - Edited by C. G. N. Mascie-

Taylor and G. W. Lasker

Frontmatter/Prelims

[More information](#)

The unique contribution made by biological anthropology to human welfare lies in the fundamental understanding it can provide of the dynamic interrelationships between physical and social factors. Topics covered include reproductive ecology and fertility, nutritional status in relation to health, and the effects of pollution on growth. In the later chapters, the concepts of physiological adaptation and Darwinian fitness are explored.

This book will be of interest to researchers and advanced students of biological anthropology, epidemiology, population genetics and physiology, as well as those involved in formulating public policies that affect human health and welfare.

Cambridge University Press

0521381126 - Applications of Biological Anthropology to Human Affairs - Edited by C. G. N. Mascie-

Taylor and G. W. Lasker

Frontmatter/Prelims

[More information](#)

Cambridge Studies in Biological Anthropology 8

Applications of biological anthropology to human affairs

Cambridge University Press

0521381126 - Applications of Biological Anthropology to Human Affairs - Edited by C. G. N. Mascie-

Taylor and G. W. Lasker

Frontmatter/Prelims

[More information](#)

Cambridge Studies in Biological Anthropology

Series Editors

G. W. Lasker

Department of Anatomy and Cell Biology, Wayne State University,
Detroit, Michigan, USA

C. G. N. Mascie-Taylor

Department of Biological Anthropology,
University of Cambridge

D. F. Roberts

Department of Human Genetics,
University of Newcastle upon Tyne

Also in the series

G. W. Lasker *Surnames and Genetic Structure*

C. G. N. Mascie-Taylor and G. W. Lasker (editors) *Biological
Aspects of Human Migration*

Barry Bogin *Patterns of Human Growth*

Julius A. Kieser *Human Adult Odontometrics – the Study of Variation
in Adult Tooth Size*

J. E. Lindsay Carter and Barbara Honeyman Heath *Somatotyping –
Development and Applications*

Roy J. Shephard *Body Composition in Biological Anthropology*

Ashley H. Robins *Biological Perspectives on Human Pigmentation*

Cambridge University Press

0521381126 - Applications of Biological Anthropology to Human Affairs - Edited by C. G. N. Mascie-

Taylor and G. W. Lasker

Frontmatter/Prelims

[More information](#)

Applications of biological anthropology to human affairs

EDITED BY

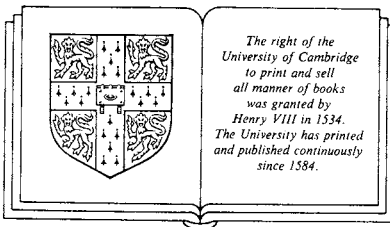
C. G. N. MASCIE-TAYLOR

*Department of Biological Anthropology,
University of Cambridge, Cambridge, UK*

AND

G. W. LASKER

*Department of Anatomy and Cell Biology,
Wayne State University, Detroit, Michigan, USA*



CAMBRIDGE UNIVERSITY PRESS

Cambridge

New York Port Chester

Melbourne Sydney

Cambridge University Press

0521381126 - Applications of Biological Anthropology to Human Affairs - Edited by C. G. N. Mascie-Taylor and G. W. Lasker

Frontmatter/Prelims

[More information](#)

Published by the Press Syndicate of the University of Cambridge
The Pitt Building, Trumpington Street, Cambridge CB2 1RP
40 West 20th Street, New York, NY 10011-4211, USA
10 Stamford Road, Oakleigh, Melbourne 3166, Australia

© Cambridge University Press 1991

First published 1991

British Library cataloguing in publication data

Applications of biological anthropology to human affairs.

1. Man. Physiology

I. Mascie-Taylor, C. G. N. II. Lasker, Gabriel Ward

615

Library of Congress cataloguing in publication data

Applications of biological anthropology to human affairs / edited by

C. G. Nicholas Mascie-Taylor and Gabriel W. Lasker.

p. cm.—(Cambridge studies in biological anthropology: 8)

Includes bibliographical references and index.

ISBN 0 521 38112 6 (hardback)

1. Physical anthropology. 2. Human biology. I. Mascie-Taylor,

C. G. N. II. Lasker, Gabriel Ward. III. Series.

GN60.A67 1991

573—dc20 90-25499 CIP

ISBN 0 521 38112 6 hardback

Transferred to digital printing 2003

Contents

<i>List of contributors</i>	ix
1 Introduction	1
G. W. LASKER	
2 Reproductive ecology and human fertility	14
P. T. ELLISON	
3 Nutritional status: its measurement and relation to health	55
C. G. N. MASCIE-TAYLOR	
4 Pollution and human growth: lead, noise, polychlorobiphenyl compounds and toxic wastes	83
L. M. SCHELL	
5 Human physiological adaptation to high-altitude environments	117
L. P. GREKSA	
6 Darwinian fitness, physical fitness and physical activity	143
R. M. MALINA	
7 Human evolution and the genetic epidemiology of chronic degenerative diseases	185
D. E. CREWS AND G. D. JAMES	
8 The biology of human aging	207
W. A. STINI	
<i>Index</i>	237

Cambridge University Press

0521381126 - Applications of Biological Anthropology to Human Affairs - Edited by C. G. N. Mascie-

Taylor and G. W. Lasker

Frontmatter/Prelims

[More information](#)

Contributors

D. E. Crews

Department of Preventive Medicine and Epidemiology
Loyola University, Chicago, Illinois 60153, USA

P. T. Ellison

Department of Anthropology
Harvard University, Cambridge, Massachusetts 02138, USA

L. P. Greksa

Department of Anthropology
Case Western Reserve University, Cleveland, Ohio 44106, USA

G. D. James

Cornell Medical Center
The New York Hospital, New York 10021, USA

G. W. Lasker

Department of Anatomy and Cell Biology
Wayne State University, Detroit, Michigan 48201, USA

R. M. Malina

Department of Kinesiology and Health Education
University of Texas, Austin, Texas 78712, USA

C. G. N. Mascie-Taylor

Department of Biological Anthropology
University of Cambridge, Cambridge CB2 3DZ, UK

L. M. Schell

Department of Anthropology and Epidemiology
State University of New York, Albany, New York 12222, USA

W. A. Stini

Department of Anthropology
University of Arizona, Tucson, Arizona 85721, USA