

# *Establishment of a Geologic Framework for Paleoanthropology*

*Edited by  
Léo F. Laporte*



***SPECIAL PAPER***

**242**

# G.S.A. ARCHIVES

## *Establishment of a Geologic Framework for Paleoanthropology*

Edited by

Léo F. Laporte  
Earth Sciences  
University of California  
Santa Cruz, California 95064



# ***SPECIAL PAPER***

## **242**

1990

© 1990 The Geological Society of America, Inc.  
All rights reserved.

All materials subject to this copyright and included  
in this volume may be photocopied for the noncommercial  
purpose of scientific or educational advancement.

Copyright is not claimed on any material prepared  
by government employees within the scope of their  
employment.

Published by The Geological Society of America, Inc.  
3300 Penrose Place, P.O. Box 9140, Boulder, Colorado 80301

GSA Books Science Editor Richard A. Hoppin

Printed in U.S.A.

**Library of Congress Cataloging-in-Publication Data**

Establishment of a geologic framework for paleoanthropology / edited  
by Léo F. Laporte.

p. cm. — (Special paper / Geological Society of America ;  
242)

“A contribution of the History of Geology Division of the  
Geological Society of America to the centennial celebration of the  
Society”—Pref.

Includes bibliographical references.

ISBN 0-8137-2242-X

1. Fossil man. 2. Human evolution. 3. Anthropology, Prehistoric.  
4. Geology, Stratigraphic. I. Laporte, Léo F. II. Geological  
Society of America. History of Geology Division. III. Series:  
Special papers (Geological Society of America) ; 242.  
GN281.4E83 1990  
573.2—dc20

89-25989  
CIP

**Cover photo:** Site of the hominid skull, “1470,” attributed to the pre-*Homo erectus* species, *Homo habilis*, at Lake Turkana, northern Kenya. Sediments are tuffaceous sands deposited in a distributary channel and lie about the Pliocene-Pleistocene boundary, having been dated at some 2 Ma. Although a surface find, matrix attached to skull fragments indicates its probable stratigraphic position, now marked by the concrete plinth. Photo by L. F. Laporte.

10 9 8 7 6 5 4 3 2