

**CONTRIBUTIONS
OF THE
UNIVERSITY OF CALIFORNIA
ARCHAEOLOGICAL RESEARCH FACILITY**

Number 30

1976

STUDIES IN CALIFORNIA PALEOPATHOLOGY

ARCHAEOLOGICAL RESEARCH FACILITY

Department of Anthropology

University of California

Berkeley

CONTRIBUTIONS
OF THE
UNIVERSITY OF CALIFORNIA
ARCHAEOLOGICAL RESEARCH FACILITY

1976

STUDIES IN CALIFORNIA PALEOPATHOLOGY

by

J. Michael Hoffman

and

Lynda Brunker

UNIVERSITY OF CALIFORNIA
Department of Anthropology
Berkeley

TABLE OF CONTENTS

	Preface	iii
I.	A Bibliography of California Paleopathology J. Michael Hoffman and Lynda Brunker	1
II.	Comminuted Fracture of a Humerus with Pseudoarthrosis Formation J. Michael Hoffman	25
III.	Enlarged Parietal Foramina -- Their Morphological Variation and Use in Assessing Prehistoric Biological Relationships J. Michael Hoffman	41
IV.	An Achondroplastic Dwarf from the Augustine Site (CA-Sac-127) J. Michael Hoffman with a radiographic interpretation by Dr. James O. Johnston	65

STUDIES IN CALIFORNIA PALEOPATHOLOGY

PREFACE

These studies in the paleopathology of California are presented with two main aims: 1) to present a summary of the previously published work in this area and assess the current state of our knowledge of California paleopathology and present some new examples of skeletal abnormalities gleaned from museum collections.

If the latter reports seem unnecessarily detailed, they are presented as a means to some small extent the kinds of background knowledge and sources of information that should be utilized before one begins to interpret osseous lesions. They are not intended to burden the reader but to provide additional insights to the nature of the material.

We would like to thank the following people who have helped in this series of studies: the staffs of the library systems on the Berkeley, Davis and San Francisco campuses of the University of California; Dr. J. Lawrence Angel, Smithsonian Institution, who kindly supplied data and photographs on two of the crania exhibiting enlarged paranasal sinuses; Drs. Bert Gerow and Theodora Kreps, Anthropology Museum, University of California; Ms. Grace Lee, Department of Anatomy, Stanford University School of Medicine; Dr. Harry Genant and technical staff, Department of Radiology, UC-San Francisco; and the office staff of the Department of Anthropology, UC-Berkeley, especially Ms. Toni Cord.

Financial support was received from Faculty Research Grants awarded to one of us by the Committee on Research, UC-Berkeley, and is gratefully acknowledged.

We would especially like to thank Professor Robert F. Heizer, for first interest in and access to much of the material (both bibliographic and skeletal), for his editorial assistance, and for his continuing support of these studies.

Any remaining errors, sins of omission, and final interpretations are those of the authors alone.