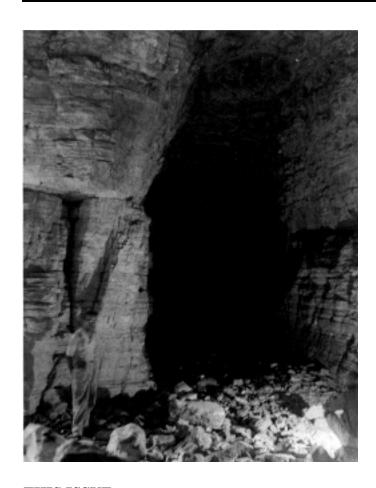
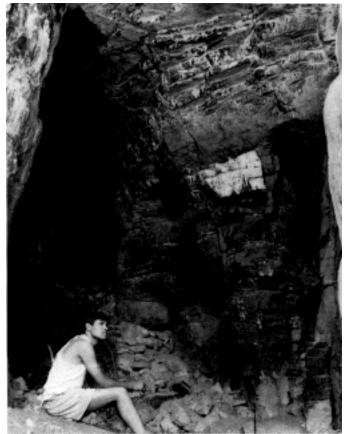
JOURNAL OF CAVE AND KARST STUDIES

April 1996 Volume 58 Number 1 ISSN 0146-9517

The National Speleological Society Bulletin





THIS ISSUE:

Geology of a Large, High-Relief, Sub-Tropical Cave System: sistema Purificación, Tamaulipas, Mexico

Hydrology of a Large, High-Relief Sub-Tropical Cave System: sistema Purficación, Tamaulipas, Mexico Pleistocene Cave Fauna from Peninsular India

Extremely Low Frequency Radio Emissions in Bat Caves

Cave *Pseudosinella* and *Oncopodura*, New to Science

Journal of Caves and Karst Studies

Volume 58 Number 1 April 1996

CONTENTS

Editorial Louise D. Hose	3
Opinion	
The Role of Cave Exploration in Karst Research Arthur N. Palmer	4
Articles	
Geology of a Large, High-Relief, Sub-Tropical Cave System: sistema Purificación, Tamaulipas, Mexico <i>Louise D. Hose</i>	6
Hydrology of a Large, High-Relief, Sub-Tropical Cave System: sistema Purificación, Tamaulipas, Mexico Louise D. Hose	22
Pleistocene Cave Fauna From Peninsular India K.N. Prasad	30
Extremely Low Frequency Radio Emissions in Bat Caves Walton C. Koemel	35
Cave Pseudosinella and Onocopodura: New to Science Kenneth Christiansen and Peter Bellinger	38
Discussion	
What are "Anthodites"? - Continued Donald G. Davis	54
What are Anthodites?: Reply William B. White	55
Bulgarian Archaeoastronomy Site or Bulgarian Quarry Site? Robert K. Mark and Bruce W. Rogers	56
Cave Science News	59
Authors	61
Long and Deep Caves of the World	62

The Journal of Caves and Karst Studies, formerly The NSS Bulletin, (ISSN 0146-9517) is published three times a year by the National Speleological Society, 2813 Cave Avenue, Huntsville, Alabama 35810-4431. The annual subscription fee, worldwide, by surface mail, is \$18 US. Airmail delivery outside the United States of both the NSS News and the Journal of Caves and Karst Studies is available for an additional fee of \$40 (total \$55); The Journal of Caves and Karst Studies is not available alone by airmail. POSTMASTER: send address changes to the Journal of Caves and Karst Studies, 2813 Cave Avenue, Huntsville, Alabama 35810-4431.

Copyright © 1996 by the National Speleological Society, Inc. Printed by American Web, 4040 Dahlia Street, Denver, Colorado 80216

Cover: Yerrazari Gavi (left) and Sanyasula Gavi (right). See Prasad, page 30.

Editor

Louise D. Hose

P.O. Box 3388 Littleton, CO 80161-3388 (303) 771-3209 ldhose@uccs.edu

Production Editor James A. Pisarowicz

Mesa State College - Montrose Center 2233 E. Main Montrose, CO 81401 (970) 249-7573 pisarowi@rmii.com

BOARD OF EDITORS Earth Sciences-Bulletin Index

Ira D. Sasowsky

Department of Geology University of Akron Akron, OH 44325-4101

Conservation George Huppert

Department of Geography University of Wisconsin, LaCrosse LaCrosse, WI 54601

Life Sciences

Vacant

Social Sciences Marion O. Smith

P.O. Box 8276 University of Tennessee Station Knoxville, TN 37916

Anthropology Patty Jo Watson

Department of Anthropology Washington University St. Louis, MO 63130

Exploration

Vacant

Book Reviews Betty Wheeler

1830 Green Bay Street LaCrosse, WI 54601

Contributing Editor
Norma Peacock - Abstracts

JOURNAL ADVISORY BOARD

Rane Curl Andy Flurkey
John Ganter Albert Krause
Kathy Lavoie Tom Miller
John Mylroie Tom Strong

Will White