

JOURNAL OF CAVE AND KARST STUDIES

August 1996
Volume 58 Number 2
ISSN 0146-9517

The
National
Speleological
Society
Bulletin



SPECIAL THEME ISSUE ON BELIZE:

Speleology in Belize: An Introduction

An Introduction to Cave Exploration in Belize

The Value of Small Expeditions to Regional Cave Research: A Reconnaissance to the Cayo District of Belize

Cave Archaeology of Belize

Geologic and Hydrologic Controls on Karst and Cave Development in Belize

Karstification on the Northern Vaca Plateau, Belize

Biology of the Chiquibul Cave System, Belize and Guatemala

Conservation of Karst in Belize

Bibliography of Belizean Caving

Journal of Cave and Karst Studies

Volume 58 Number 2 August 1996

CONTENTS

Articles

Speleology in Belize: An Introduction <i>George Veni</i>	67
An Introduction to Cave Exploration in Belize <i>Nick Williams</i>	69
The Value of Small Expeditions to Regional Cave Research: A Reconnaissance to the Cayo District of Belize <i>Pete Hollings</i>	76
Cave Archaeology of Belize <i>Logan McNatt</i>	81
Geologic and Hydrologic Controls on Karst and Cave Development in Belize <i>Thomas E. Miller</i>	100
Karstification on the Northern Vaca Plateau, Belize <i>Philip Reeder, Robert Brinkmann and Edward Alt</i>	121
Biology of the Chiquibul Cave System, Belize and Guatemala <i>James R. Reddell and George Veni</i>	131
Conservation of Karst in Belize <i>Michael Day</i>	139
Bibliography of Belizean Caving <i>Nick Williams</i>	145
Cave Science News	152
Guide to Authors	156
Authors	157

The *Journal of Cave 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 Cave and Karst Studies* is available for an additional fee of \$40 (total \$55); The *Journal of Cave and Karst Studies* is not available alone by airmail. POSTMASTER: send address changes to the *Journal of Cave 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: Entrance Cobble Section of Actun Tun Kul, Belize by Thomas E. Miller

Editor

Louise D. Hose

Environmental Studies Program
Westminster College
501 Westminster Avenue
Fulton, MO 65251-1299
(573) 642-3361
hose@micro.wcmo.edu

Production Editor

James A. Pisarowicz

Wind Cave National Park
RR1 Box 190
Hot Springs, SD 57747
(605) 673-5582
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

H.H. Hobbs III

Wittenberg University
Department of Biology
Springfield, OH 45501

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	