

JOURNAL OF CAVE AND KARST STUDIES

December 2003
Volume 65 Number 3
ISSN 1090-6924
A Publication of the National
Speleological Society



Journal of Cave and Karst Studies of the National Speleological Society

Volume 65 Number 3 December 2003

CONTENTS

Article

Morphology of the caves of Missouri <i>Joseph E. Dom and Carol M. Wicks</i>	155
Detection of an airflow system in Niedzwiedzia (Bear) Cave, Kletno, Poland <i>Andreas Pflitsch and Jacek Piasecki</i>	160
Proceedings of the Society: Selected abstracts 2003 NSS Convention in Porterville, California	174
Index Volume 65	191

The *Journal of Cave and Karst Studies* (ISSN 1090-6924, CPM Number #40065056) is a multi-disciplinary, refereed journal published three times a year by the National Speleological Society, 2813 Cave Avenue, Huntsville, Alabama 35810-4431 USA; (256) 852-1300; FAX (256) 851-9241, e-mail: nss@caves.org; World Wide Web: <http://www.caves.org/pub/journal/>. 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 \$58); The *Journal of Cave and Karst Studies* is not available alone by airmail. Back issues and cumulative indices are available from the NSS office. POSTMASTER: send address changes to the *Journal of Cave and Karst Studies*, 2813 Cave Avenue, Huntsville, Alabama 35810-4431 USA.

Copyright © 2003 by the National Speleological Society, Inc. Printed on recycled paper by American Web, 4040 Dahlia Street, Denver, Colorado 80216 USA

Front cover: Ultrasonic anemometer. See Andreas Pflitsch and Jacek Piasecki p. 160.

Editor

Louise D. Hose

National Cave and Karst Research Institute
1400 University Drive
Carlsbad, NM 88220
505-234-5561 or 887-2759 Voice
505-887-3051 FAX
lhose@cemrc.org

Production Editor

James A. Pisarowicz

Wind Cave National Park
Hot Springs, SD 57747
605-673-5582
pisarowicz@alumni.hamline.edu

BOARD OF EDITORS

Anthropology

Patty Jo Watson

Department of Anthropology
Washington University
St. Louis, MO 63130
pjwatson@artsci.wustl.edu

Conservation

Julian J. Lewis

J. Lewis & Associates, Biological Consulting
217 West Carter Avenue
Clarksville, IN 47129
812-283-6120
lewisbioconsult@aol.com

Earth Sciences-Journal Index

Ira D. Sasowsky

Department of Geology
University of Akron
Akron, OH 44325-4101
330-972-5389
ids@uakron.edu

Exploration

Paul Burger

Cave Resources Office
3225 National Parks Highway
Carlsbad, NM 88220
(505)785-3106
paul_burger@nps.gov

Life Sciences

Steve Taylor

Center for Biodiversity
Illinois Natural History Survey
607 East Peabody Drive (MC-652)
Champaign, IL 61820-6970
217-333-5702
sjtaylor@inhs.uiuc.edu

Paleontology

Greg McDonald

Geologic Resource Division
National Park Service
P.O. Box 25287
Denver, CO 80225
303-969-2821
Greg_McDonald@nps.gov

Social Sciences

Marion O. Smith

P.O. Box 8276
University of Tennessee Station
Knoxville, TN 37996

Book Reviews

Ernst H. Kastning

P.O. Box 1048
Radford, VA 24141-0048
ehkastni@runet.edu

Proofreader

Donald G. Davis

JOURNAL ADVISORY BOARD

Malcolm Field	John Ganter
Chris Groves	David Jagnow
Donald MacFarlane	Diana Northup
Art Palmer	William White