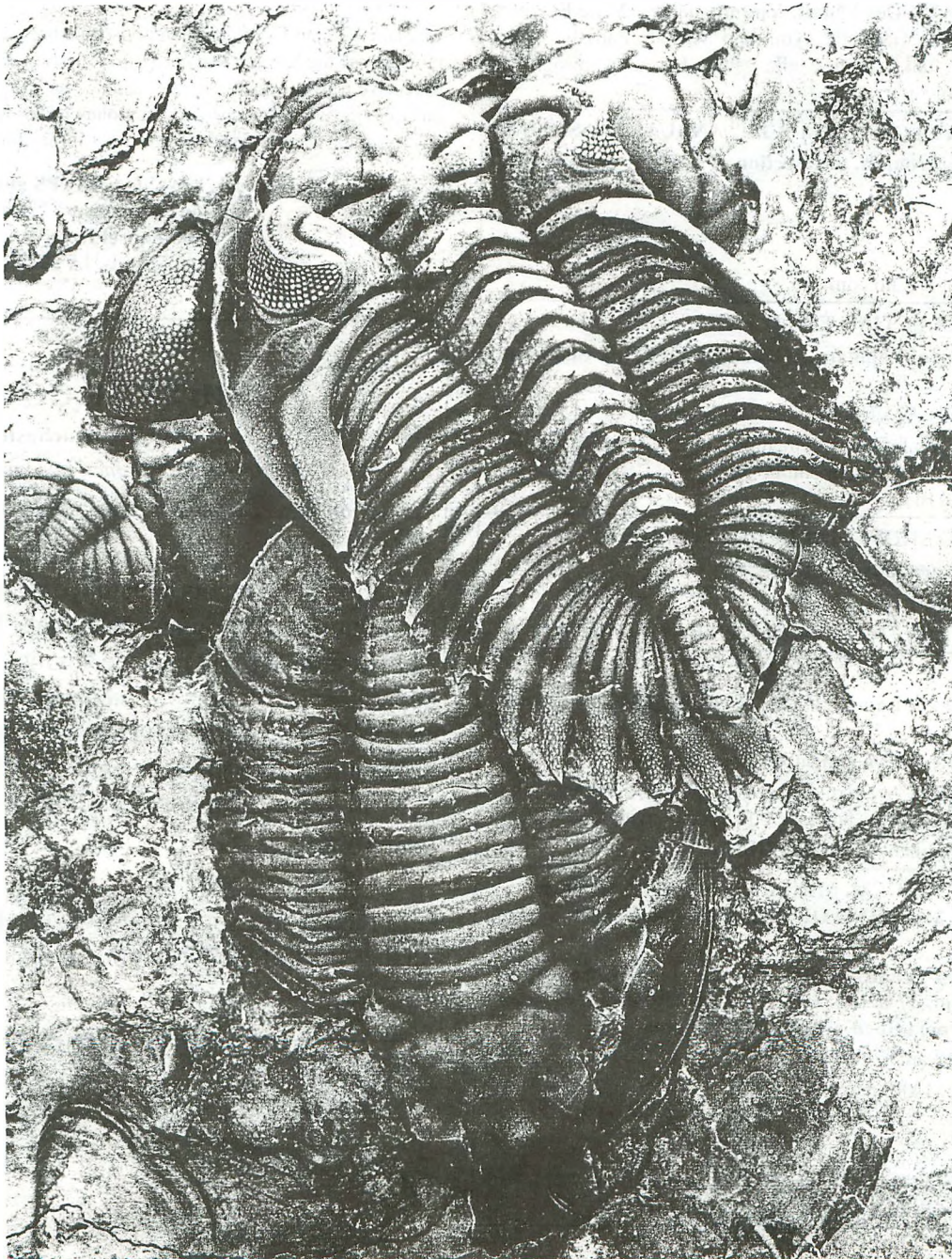


M.A.P.S. *Digest*

Official Publication of
Mid-America Paleontology Society

Volume 25, No 1
January 2002



MARK YOUR CALENDARS

Apr 12-14, 2002 MAPS NATIONAL FOSSIL EXPOSITION XXIV

- TRACKS, TRAILS, and TRACES

Western Illinois University, Macomb, IL

Fri., Apr. 12 8 am - 5 pm Keynote Speaker @ 7:30

Sat., Apr. 13 8 am - 5 pm Meeting & Live Auction @ 7:00

Sun., Apr. 14 8 am - 12 noon

Information is included in the December issue.

Feb 23-24 PALEOFEST 2002

Burpee Museum of Natural History, 737 N. Main St., Rockford, IL 61103. 815-965-3433.

4th Annual Paleontology Speaker Series. Features Philip Currie, Robert Bakker, David Des Marais, Virginia Naples, Mike Everhart, Dino Russ Jacobson, Gabrielle Lyon, and Michael Parrish. Talks, workshops, lunch talks, dinner talk. Fees for talks, meals, and admission. Call for reservations.

Mar 9-10 TAMPA BAY FOSSIL CLUB 15TH ANNUAL FOSSILFEST

Florida State Fairgrounds, intersection of U.S. 301 and I-4, just east of Tampa

Sat. 9-6

Sun. 9-4

tampabayfossilclub@juno.com

Mar 23 FOSSIL COLLECTING FIELD TRIP

Lizzadro Museum of Lapidary Art, 220 Cottage Hill, Elmhurst, IL 60126

8:00-3:00 (9-Adult) \$25/Nonmember \$20/Member

Collect Mazon Creek fossils with members of ESCONI. Travel by motorcoach, take lunch, rain or shine. 3 new sites. Reservations required: 630-833-1616

Mar 24-25 BUFFALO SHOW—INCLUDES FOSSILS

Erie County Fairgrounds, Hamburg, NY

Sat. 10-7: Sun. 10-5

Contact Bob Hoffman 716-681-6875; RJH52089@earthlink.net

Apr 27 FOSSIL DIG

Lizzadro Museum of Lapidary Art, 220 Cottage Hill, Elmhurst, IL 60126

2:00-3:00 (5-Adult) \$3/nonmember; Free/member

Find out about fossils—where they can be found, what they look like, and how old they are, and take one home—with Don Auler.

Reservations recommended: 630-833-1616

Jun 21-23 37TH ANNUAL GEM, MINERAL, FOSSIL SHOW & SWAP & JUNE MEETING OF THE MAPS INDIANA CHAPTER

Monroe County 4-H Fairgrounds, Bloomington, IN. Southwest of Junction of Ind. 37 & Ind. 45 S, 1 2/10 miles on Ind. 45, then 7/10 mile on Airport Road, west of Bloomington.

Fri: 10-7 (Set-up 8 am to 10 am)

Sat: 8-7 (Indiana MAPS meeting 2:00)

Sun: 8-4.

Contacts:

Margaret Karhs, 9145 W. U.S. Hwy. 50 East, Seymour, IN 47274-9401

Elmer Richter, 4741 St. Rd. 54 W., Springville, IN 47462

992/01 DUES ARE DUE

Are your dues due? You can tell by checking your mailing label. It reflects dues received by January 31. The top line gives the expiration date in the form of "99year" followed by month--992/01 means 2002/January. Dues cover the issue of the Digest for the month in which they expire.

We do not send notices but will let you know if you are overdue by highlighting your mailing label and stamping your Digest. We carry overdues for two issues before dropping them from our mailing list.

Please include on your check your due date and name exactly as it appears on your mailing label - or include a label.

Dues are \$20 per U.S./Canadian household per year. Overseas members may choose the \$20 fee to receive the Digest by surface mail or a \$30 fee to receive it by air mail. (Please send a check drawn on a United States bank in US funds; US currency; a money order; or a check drawn on an International bank in your currency.) Library/Institution fee is \$25.

Make check payable to MAPS and mail to:

Sharon Sonnleitner, Treas.

4800 Sunset Dr. SW

Cedar Rapids, IA 52404

ABOUT THE COVER

by Tom Whiteley, Rochester NY

The photo is copyrighted by Cornell Press

and printed here with permission secured by Tom Whiteley.

This month's cover is a picture of three trilobites from the Middle Devonian Wanakah Member of the Hamilton group in Genesee County, New York. The uppermost trilobite is *Bellacartwrightia whiteleyi*, the second is *Pseudodechenella rowi* and the third is the pygidium of *Eldredgeops rana*. It is interesting to note that all these trilobites have had a name change in recent years.

This picture in a somewhat stylized version will appear on the cover of the forthcoming book *Trilobites of New York*.

PROCEEDINGS OF THE BOARD

JANUARY 12, 2002

Board Members Present: Karl Stuckerjuergen, Dale Stout, Marv Houg, Gil Norris, Tom Walsh, Alberta Cray, Blane Phillips

The following items were acted on or discussed:

EXPO: Possible keynote is Dr. Stephen Hasiotis. If he is not able to come, Marv will ask Bill DesMarais. It was also noted that the Cedar Rapids rock club will host Phil Currie for a program in November.

Paul Rechten will oversee the auction and elevator. Following discussion on auction timing, it was decided to ask Paul to keep the number of items for the live auction Saturday night to 70-80.

Charlie Oldham, Expo *Digest* editor, has received some articles following the appeal in the *Digest*, but had not been getting articles from professionals.

Marc Behrendt, who is in charge of tables, would like help setting up Thursday night.

Allyn will get 7000 cards printed announcing the 2003 Expo.

Misc: Concern was expressed about the long turn-time for printing the *Digest*. No action was taken.

FEBRUARY 9

Board Members Present: Karl Stuckerjuergen, Dale Stout, Marv Houg, Gil Norris, Tom Walsh, Alberta Cray, Allyn Adams, Blane Phillips, Sharon Sonnleitner

The following items were acted on or discussed:

EXPO: Dr. Stephen T. Hasiotis, University of Kansas, will present the keynote address on "Tracks, Trails, and Traces. Marc Behrendt reported tables were going fast.

Wendy Taylor is bringing an exhibit from Chicago's Field Museum with a Madagascar theme, including the cast of the skull of *Majungatholus atopus*. A motion was passed to pay for the Field Museum's hotel rooms. Jack Bailey will send out 600 invitations to area schools.

SUMMER PICNIC: Discussion of solidifying summer picnic plans before Expo and possibly replacing speakers with field trips for May and/or October meetings. Decision to be made later.

SEND YOUR CHANGES FOR THE 2002 MAPS DIRECTORY

We will publish a complete Directory in 2002. Please send all your changes of address, phone numbers, area codes, blurbs, etc., to the editor **by March 1**. Any changes you have sent previously with dues, etc., are recorded and do not need to be re-sent. The new Directory will come out at Expo.

Send updates to:

Sharon Sonnleitner
4800 Sunset Dr. SW
Cedar Rapids, IA 52404

FIELD MUSEUM TO DISPLAY MAJUNGATHOLUS ATOPUS AT EXPO

Last year Chicago's Field Museum exhibited "Sue" at Expo, and she was the star of the show. This year Dr. Wendy Taylor and crew will feature a Madagascar theme and bring a cast of the skull of a large predatory dinosaur from Madagascar. Publicity will include 600 invitations to area schools, so be prepared for a large number of young people and interested public.

Wendy sent the following excerpt from an article about the remarkable skull:

Several specimens of a large predatory dinosaur — including a nearly complete, exquisitely preserved skull — were recently recovered on the island of Madagascar. The discovery is announced in a recent issue of the journal Science by a team of researchers funded by the National Science Foundation (NSF) and led by paleontologist/anatomist Scott Sampson of the New York College of Osteopathic Medicine of the New York Institute of Technology. The 65- to 70-million-year-old fossils, attributed to an animal called Majungatholus atopus (a theropod dinosaur), were unearthed on an international expedition conducted by Science paper co-author David Krause of the State University of New York at Stony Brook. With a total body length of almost 30 feet, Majungatholus was the top predator of the time on Madagascar.

A ROLE FOR AMATEURS

by B. L. Stinchcomb, Ferguson, MO

MAPS *Digest* over the years has presented a considerable spectrum of paleontological-related articles. It also has become the "official voice" of amateur paleontology, or at least of midwestern paleontology. What might be its most important service, besides its being a communication medium for fossil aficionados, may have been overlooked. That is its potential as a vehicle for the documentation of paleontological information gathered by amateur paleontologists and collectors. These persons often find and work transient localities which have not been previously examined by anyone. The amateur's love of fossils may drive this quest to look where no one has looked before. Such investigation of transient outcrops can or might provide paleontological information and insight which might not be obtained in any other manner.

Field work, as far as academia is concerned, is not given very high priority any more. Support for it has become less encouraged and more weakly supported. A general attitude in today's science is that the days of data gathering in the field are over. What is encouraged and promoted is data analysis and evaluation or the use of information processing

techniques often integrating modern technology. This approach can be scientifically rewarding or, conversely, it can be pedantic. This same significance can come with field work and study, depending upon who does the work and how knowledgeable and motivated they are.

The Earth is a big place, very much so when the complexity of local geology and the paleontological record is considered. Regardless whether it is "politically correct or not," good field data and the hardware (fossils) which accompanies it are basic and fundamental. There is much to be yet discovered in paleontology, and if the future holds the same as in the past, amateurs will find much of it. The amateur, persistent in amassing a large collection of fossils, usually acquires as a by-product field associations and relationships of these fossils which could not be acquired in any other way. **THESE ASSOCIATIONS CAN BE SCIENTIFICALLY VALUABLE!** The amateur can thus function in a manner similar to amateur comet hunters and variable star observers. Gathering information paleontologic which otherwise would be lost to weathering, quarrying or other excavational activity.

REGARDING THE NOSE OF A DINOSAUR

from *Dinny's Doin's*, Sharon Ottilige, ed. 2/02; summarized by *The Breccia* 9/01

Correcting an erroneous belief about the placement of a dinosaur nose, scientists recently concluded that the creatures' fleshy nostrils were farther forward and closer to their mouths. As with most other land animals, the placement better equipped dinosaurs to smell and to warm the air they inhaled through their noses.

Lawrence Wither of Ohio University, found evidence of a complex structure of soft tissue within the nose. He realized that the classical nostril position, pointed upward, would have led air into a cul-de-sac, bypassing

the soft tissue. This didn't make sense, so Wither examined the fleshy nose parts of 45 species of dinosaurs's closest living relatives — the birds and crocodiles — and most distant dino relatives such as mammals and turtles. Unexpectedly, he found a uniform nostril position in the many different species. It was at the tip of the nose in most cases. The similarity also extends to humans.

In large dinosaurs, a lower nostril would lengthen the nasal pathway 6 to 8 inches, improving the ability of the nose to moisten, filter, and condition inhaled air

PROBLEMS WITH FOSSIL NAMES

source: "In World of Fossils, Not Every Name Lasts Forever," by Andrew Bridges
Prescott (AZ) Daily Courier. 1/15/02. P 5B

As those of us who have been collecting fossils for a number of years know, fossil names are not necessarily permanent. Paleontologists change the names of fossils for several reasons.

One recent change has generated public interest in California. It seems that California's state fossil doesn't exist. Actually, the sabertooth cat dug from the La Brea Tar Pits exists, but its name has been discarded. Originally named *Smilodon californicus*, from study in the 1980s the cat was found to be the species *Smilodon fatalis*. So the *S. californicus* label has been discarded—in paleontological circles at least. The name, however, is still on the books of California law and on the exhibit labels at the Tar Pits museum.

This very public example points out the problems with inaccuracies in scientific names. With further research, some animals thought to be separate species are found to be one and the same, while others thought to be the same are found to be different species.

The reasons for the errors are several. For instance, male and female of a species can be thought to be two separate species initially. Sometimes the remains are so fragmentary it is difficult to compare the animals. Occasionally two researchers working independently on the same animal give it two entirely different scientific names.

John Alroy, a researcher at the National Center for Ecological Analysis and Synthesis at the University of California, Santa Barbara, estimates the number of invalid names at 24 to 30 percent of the total number of known fossil North American mammal species. John Harris, chief curator of the Natural History Museum of Los Angeles County's George C. Page Museum of La Brea Discoveries, puts the number considerably lower at 5 to 10 percent. The number of invalid names would affect scientists' estimates of patterns of biodiversity and extinction rates in the past — and how they might compare to those in the present.

FOSSIL JELLYFISH DISCOVERED IN WISCONSIN

excerpts from "Imprints of Jellyfish Discovered," The Gazette. Cedar Rapids, IA, 1/26/02, P 8A

More than a half-billion years ago, thousands of jellyfish were washed up in a small lagoon, stranded by a freak tide or storm and buried by sand just hours later.

Fossilized impressions of those jellyfish, some up to 3 feet in diameter, have now been discovered in a Wisconsin quarry, in what scientists say is one of the largest finds of its kind in the world.

...James Hagadorn, a scientist at the California Institute of Technology (is a) co-author of an article reporting the find in February's issue of the journal *Geology*...

Fossil dealer (and MAPS member) Dan Damrow, an article co-author, discovered the jellyfish about four years ago in a quarry in Mosinee, Wis., about 200 miles northwest of Milwaukee. In the quarry, beds of sandstone lie stacked horizontally in neat layers...

Hagadorn said they found fossilized jellyfish in seven layers in the quarry, encased in about 12 vertical feet of rock representing a span of time of up to 1 million years.

The layers of rock also record the delicate ripples that striped the ocean bottom in what were presumably shallow coastal waters...

Circular impressions mark where each jellyfish was washed ashore, probably during a storm-enhanced high tide, Hagadorn said.

Each fossil typically includes a concave, circular shape that records the tiny moat excavated by the

pumping action of the bell-shaped jellyfish as it attempted to swim to deeper water.

Surrounding that ring, a rim of higher rock represents the sand that washed against the dead or dying jellyfish in subsequent tides.

ELEVEN WAYS TO BECOME A FOSSIL

from *K-Gems* 12/90

via *Paleo Newsletter*, 4/01. Jean Wallace, Ed.

FREEZING:

This rare creature has suffered a minimum of change. His arteries may still contain dried blood, his stomach undigested food. Most common are the ice-Age mammoth of Siberia and Alaska.

DRYING OR DESSICATION:

If these organisms were thoroughly dried, they can be of high quality. Best known are the camels and sloths found in our Southwest caves.

WAX AND ASPHALT:

Natural paraffin makes an excellent preservative, as proved by specimens found in Polish mines. The most famous asphalt fossils are still embedded in the La Brea Tar Pits in California.

SIMPLE BURIAL:

English bogs are famous for their buried forests. Sand dollars, sea urchins, and mollusks are preserved by this method for up to 75 million years.

CARBONIZATION:

Incomplete decay of volatile substances leaves carbon behind, sometimes reducing organisms to paper-thin layers of shiny black film that reveal much detail.

PETRIFICATION:

Our common stony fossils got that way by premineralization, the replacement of the structure by

dissolved minerals, or secondary replacement, such as when limey fossils are dissolved and replaced by silica

MOLDS AND CASTS:

Natural molds in sediment remain after organisms decay. Sandstone beds reveal molds of shells and trees, and the finest molds are Northern European amber, which has perfectly preserved the forms of insects.

IMPRINTS:

Sandstone, shale and tuff reveal external molds of very thin objects such as leaves. Best known of these are the Illinois Coal-Age plant imprints.

TRACKS. TRAILS. AND BURROWS:

Dinosaur prints are the most famous of these. But in Nebraska and "Devil's Corkscrew" once housed a beaver who dug an eight-foot spiral hold.

CASTINGS AND COPROLITES:

Ancient worms swallowed sand to help digest small organisms; they regurgitated these casings. Coprolite is a polite word for petrified "dung".

GASTROLITHS:

Many ancient reptiles ground their food with these stones (as do our modern fowl). The stones are rounded, smooth, and even polished at times. Also known as "Gizzard Stones".

FROM THE PALEO SOCIETY

Dear Sharon:

I write to thank you, on behalf of the Paleontological Society, for the recent MAPS contribution of \$2,000 to the PS Student Scholarship Fund. Support of student research is a high priority for the PS, and I am delighted that MAPS shares this commitment. Together we can assist promising young scholars and thereby ensure the future of paleontology.

I understand that you also have contributed to the Strimple Award Fund, which is used to bring the recipient of the Strimple Award to our national meeting to receive the award. We appreciate your assistance in honoring amateurs who have made outstanding contributions to the field of paleontology. Meeting the award winners is always a highlight of our annual convention for me!

Thank you again for your generosity. Best wishes to the members of MAPS as we work together to advance the science of paleontology.

Sincerely,
Patricia H. Kelley
President, Paleontological Society
Chair, Department of Earth Sciences, UNCW

Dear Sharon,

On behalf of the Paleontological Society thank you for the \$2,000 donation for the PS Student Scholarship Fund. Please express the Society's appreciation to the membership of MAPS. This is a substantial contribution that will have a significant impact on our ability to support deserving graduate student research in paleontology. Such donations help insure the future vitality of paleontologic research.

Thank you also for sending the \$100 contribution from MAPS for the Strimple Award Fund. Each year we use money from this fund to pay the travel expenses for the recipient of the Strimple Award to our national meeting. This award is one way for the Paleontological Society to show its appreciation for the support amateur paleontologists give to the science of paleontology.

Sincerely,
Thomas W. Kammer
Treasurer (Paleontological Society)

FROM PRI

Dear Sharon:

Our most sincere thanks to you and to MAPS for your generous gift of \$500 to PRI's Annual Campaign. These unrestricted dollars are among the most useful but hardest to raise, and we are enormously grateful for MAPS's continuing significant support in this area.

Thank you so very much.

Sincerely,
Warren D. Allmon
Director

FROM THE U of I FOUNDATION

for a \$25 program donation in Dr. Brian Glenister's name

We deeply appreciate your recent gift to support the people and programs of The University of Iowa. Contributions from UI friends and alumni are especially critical today, as our fast-paced world creates challenges and opportunities that often aren't covered by yearly budgets. Your ongoing support makes a real difference, and contributes immeasurably to the continued excellence of our great University.

On behalf of the UI's many hard-working students, faculty, and staff, and my UI Foundation colleagues, I extend our sincere thanks for your loyalty and generosity. On Iowa!

Best wishes,
Deborah Woods
Director of Donor Relations

ADVERTISING SECTION

Ads are \$5.00 per inch. Send information and checks payable to MAPS to : Mrs. Gerry Norris, 2623 34th Avenue Ct., Rock Island, IL 61201. Phone: (309) 786-6505
This space is a \$5.00 size.

To extend currently running ads, please send request and remittance to Editor by the 15th of the month. We do not bill. Ads do not run in the EXPO issue (April). Ads can be printed in different sizes of type to fit a 1" space.

2002 CENTRAL ILLINOIS FOSSIL SHOW

Macomb Inn (Days Inn)
1400 N. LaFayette, Macomb, Illinois

HOURS: Wed., April 10 10:00 p.m. until late evening
Thurs., April 11 9:00 a.m. until late evening
Fri. & Sat., April 12-13 ... By appointment during
MAPS show times & eves.

The intent of this show is to enhance MAPS Expo
and to allow dealers who need it more selling space.

For show info, contact: **Dan Damrow 715-457-6634**

Chuck Warren 517-439-5632

To reserve a selling room contact Macomb Inn at: 309-833-5511 (Tiffany)

Would Like to Trade**French Sea Urchins for Sea Urchins from USA**

Jean-Guy Pellerin
2288 DeLorimier
Montreal, Quebec
H2K 3X3

I am looking for two large **DISPLAY QUALITY FOSSILS** and will either pay cash for them or trade some excellent vertebrate material. The first is the glass sponge *Hydroceras sp* found in the Eastern USA's Late Devonian, typically found as a cast. (European specimens of this genus extend into the Carboniferous.)

The second is a really nice Cycad fossil for a cabinet. The species and locality are not important.

856-785-0001 <cpsgo40@aol.com>.

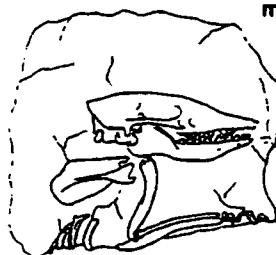
Chris Sheridan, PO Box 180, Port Elizabeth, NJ 80348

Professional Fossil Preparation

Quality work at reasonable rates on all fossils

microscopic to SAUROPODIAN

Specialize in Vertebrates



J-P Cavigelli

4318 Grays Gable Rd.

Laramie, WY 82072

(307) 742-4651

jpc@westernpaleo.com

WESTERN PALEO SAFARIS

Fossil hunting vacations in the American West
in search of:

Dinosaur bones	Fish
Mammal teeth and bones	Insects
Crocodile and turtle bones	Leaves
Ammonitesand more



Toll-free
1-888-875-2233
use PIN 7737

www.westernpaleo.com

TRILOBITES OF NEW YORK**An Illustrated Guide**

Thomas E. Whiteley, Gerald J. Kloc, and Carlton E. Brett

Foreword by Rolf Ludvigsen

A Comstock Book. Published in cooperation with the Paleontological Research Institution, Ithaca, New York.

MAY, 456 pages, 67 line drawings, 175 black-and-white photographs, 7 charts/graphs, 12 maps, 8 tables, 8 1/2 x 11.

Cloth ISBN 0-8014-3969-8 \$55.00 + tax

Prepublication price \$45.00 + tax until 5/31/02

Sales tax: 8% for NY State residents

GST: 7% for Canadian residents

Shipping: U.S. & Canada \$4.00 1st copy; \$1.00 each add'l

Foreign \$5.00 1st copy; \$2.00 each add'l.

Cornell University Press, Sage House

512 East State Street, P.O. Box, Ithaca, NY 14851-0250.

from Cornell University Press Catalog, Spring 2002

This superbly illustrated book reviews the trilobite fossils found throughout New York State, including

their biology, methods of taphonomy (preservation of specimens), and the broader Paleozoic geology of the state. A general chapter on the geology of New York State places the importance of these now-extinct invertebrate marine animals into context. Sixty-seven line drawings and 175 black-and-white photographs illustrate individual species, many represented here by type specimens, and display the eerie beauty that has made New York State trilobites favorites of collectors the world over.

THOMAS E. WHITELEY has retired as Associate Director of Photographic Research at Eastman Kodak. **GERALD J. KLOC** is Geological Technician in the Department of Earth and Environmental Sciences at the University of Rochester. **CARLTON E. BRETT** is Professor of Geology at the University of Cincinnati and coauthor of *Fossil Crinoids*. **ROLF LUDVIGSEN** is Head of Denman Institute for Research on Trilobites, editor of *The trilobite Papers*, and Adjunct Professor at the School of Earth and Ocean Sciences, University of Victoria.

**PLEASE ADD THE FOLLOWING NEW OR REJOINING MEMBERS
TO YOUR DIRECTORY:**

Stanley Balducci
9156 Twin Oaks Drive
Mechanicsville VA 23116
804-730-1483
habalducci@erols.com

Delivery Driver/Horticulturist. Major interest plants, therapsids, dinosaurs, mammals. Member WIPS, Denver, CO. Has had a lifelong interest in fossils and earth history.

Michael R. Bleavins
11905 Earl Street
Pinckney MI 48169 734-878-6106
michael.bleavins@pfizer.com

Research Scientist. Main interest trilobites. Will not trade. Interested in learning more about "local" individuals with similar interests.

Blair Campbell
40 Ravenview Drive
West Hill Ontario
CANADA M13 3M1
416-282-5319
OKY759@yahoo.com

Economist (Agriculture), retired. Major interest invertebrates, paleoclimates, mostly general. Will trade. Has recently acquired a collection of isoteleus, flexycalymene-enrolled, and pyritized brachiopods (12/01). Has started a paleo study club in local club; would like to bring info to local collectors in Toronto area and encourage them to form local chapter of MAPS

Gretchen Dobie
1303 Westmoor Trail
Winnetka IL 60093
gdobie@ameritech.net

Professor. Major interest dino bones. Will not trade. Wants to learn more and have access to happenings in paleo.

Merv Feick
12708 Oakbriar Meadows Ln.
Festus MO 63028
636-931-0236
fx 636-931-0236
indiana9fossils@midwest.net

Paramedic/Firefighter. Main interest trilobites/plants/nodules. Will trade. Has for trade large variety of fossils. Wants to obtain info and develop new friends with same interest.

Charles Jeffrey Groff
1936 Higley Ave. SE
Cedar Rapids IA 52403
319-365-4585

Warehouseman. Will trade. Interested in fossil lapidary. Has for trade fossil lapidary and fossils.

Mark Marshall
1519 Spruce Ct.
Carmel IN 46033
317-433-2506
fx 317-276-9159
Marshall_Mark@lilly.com

Biologist. Major interest trilobites, crinoids, dinosaur material. Will trade. Has for trade B-grade Moroccan trilobites, Wheeler formation trilobites. Has had a life-long interest in paleo.

John W. McLure
1 Brickwood Knoll NE
Iowa City IA 52240
319-351-9121
fx 319-335-4608 (off.)

john-mclure@uiowa.edu
Asst. Prof., College of Educ. Will trade. Main interest fossils in general, search for Miss. outcrops. Not much for trade yet--corals, which he usually give to school kids (01). Wants to go on field trips, find a eurypterid and learn more about geology.

Bill Munch
1821 Pheasant Ln
New Lenox IL 60451
815-485-8756
fx 815-723-4655
bm717@aol.com

Accountant/Treasurer. Main interest fossil collection/Mazon Creek. Member ESCONI. Wants to learn more about fossils and collecting.

Andy Secher
113 W. 89th St.
NY NY 10024
212-721-4454

Musil Industry. Will trade. Major interest trilobites (Advanced Collector). Has for trade trilobites. Enjoys collecting trilobites and contacting other collectors.

John A. Spina, Jr.
19 Broadway Road
Gowanda NY 14070-1504
716-532-3848
fx 716-532-1400
creation@localnet.com

Self-employed. Major interest collection, preparation & study of PreCambrian to Cretaceous fossils. Will trade. Has for trade Silurian & M. Devonian invertebrates from western NY. Member of Buffalo Geol. Soc, Buffalo, NY. Wants to expand areas of knowledge & circle of paleo friends.

PLEASE NOTE THE FOLLOWING CHANGES OR CORRECTIONS:

Mike Chochard
7924 W. Central
Lot 34
Toledo OH 43617
419-843-4269

Quarry Foreman. Will trade. Major interest trilobites. Has for trade silica fossils.

Frank O. & Joan Crane
12718 Trails End Road
Leander TX 78641
512-267-8730
focrane@evl.net

Geologist. Will trade. Major interest any and all fossils. Member WV Fossil Club, Clarksburg, WV.

E. Ray Garton
P.O. Box 200
Barrackville WV 26559
304-366-1810
garton@mammoth-geo.com

Collecting 12 yrs. Chemist. Will trade. Interested in Penn. fossils, Pet. wood--any age--and vertebrates. Wants further contact with interested collectors.

David Hutchison & Family
1622 Rocky Ford Road
Powhatan VA 23139
DAHJKH@aol.com

Collecting since 1977. Will not trade yet (02)

Carin Kirsten
Forchenweg 14
D 89081 ULM
GERMANY

Gary Lumannick
11770 S.W. 29th Street
Miami FL 33175
305-221-4227
FARGBL@aol.com

Teacher. Interested in all fossils, esp. eurypterids, Badland skulls, Devonian fish and dinosaur bones and teeth. Has for trade Florida vertebrate and invertebrate fossils as well as some Cretaceous fish from Brazil. Also has U.S. and foreign trilobites for trade.

The Mid-America Paleontology Society (MAPS) was formed to promote popular interest in the subject of paleontology; to encourage the proper collecting, study, preparation, and display of fossil material; and to assist other individuals, groups, and institutions interested in the various aspects of paleontology. It is a non-profit society incorporated under the laws of the State of Iowa.

Membership in MAPS is open to anyone, anywhere who is sincerely interested in fossils and the aims of the Society.

Membership fee: \$20.00 per household covers one year's issues of DIGESTS. For new members and those who renew more than 3 issues past their due date, the year begins with the first available issue. Institution or Library fee is \$25.00. Overseas fee is \$20.00 with Surface Mailing of DIGESTS OR \$30.00 with Air Mailing of DIGESTS. (Payments other than those stated will be pro-rated over the 9 yearly issues.)

MAPS meetings are held on the 2nd Saturday of October, November, January, and March and at EXPO in April. A picnic is held during the summer. October through March meetings are scheduled for 1 p.m. in Trowbridge Hall, University of Iowa, Iowa City, Iowa. One annual International Fossil Exposition is held in April.

The MAPS official publication, MAPS DIGEST, is published 9 months of the year—October through April, May/June, and July/August/September. View MAPS web page at <http://midamericapaleo.tripod.com/>

President: Marvin Houg, 3330 44th St. NE, Cedar Rapids, IA 52402
 1st Vice President: Dale Stout, 2237 Meadowbrook Dr. SE, Cedar Rapids, IA 52403
 2nd Vice President: Gilbert Norris, 2623 34th Avenue Court, Rock Island, IL 61201
 Secretary: Alberta Cray, 1125 J Avenue NW, Cedar Rapids, IA 52405
 Treasurer (Send Dues To): Sharon Sonnleitner, 4800 Sunset Dr. SW, Cedar Rapids, IA 52404
 Membership: Dale Stout, 2237 Meadowbrook Dr. SE, Cedar Rapids, IA 52403
 Directors: Tom Walsh (02), Allyn Adams (03), Blane Phillips (04)
 Immediate Past President: Karl Stueckerjuergen, 1503 265th Ave., West Point, IA 52656-9029

Dated Material - Meeting Notice

CYATHOCRINITES



Mrs. Sharon Sonnleitner
 MAPS DIGEST Editor
 4800 Sunset Dr. SW
 Cedar Rapids, IA 52404

FIRST CLASS MAIL

MID-AMERICA PALEONTOLOGY SOCIETY