

MAPS *Digest*

Official Publication of
Mid-America Paleontology Society

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Summer, 1993

August, 1993

Dear MAPS Members:

While you have come to expect and enjoy those fantastic MAPS Digest covers such as the pictures of fossils or the drawings of fossils depicted as they may have been in real life, it is the opinion of the Board of Directors of MAPS that we should use this month's cover space to address the proposed legislation which will affect amateur fossil collectors.

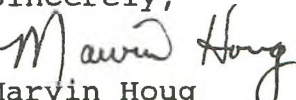
As most of you are probably aware, legislation is again being proposed by Senator Max Baucus, Montana, which would affect your right to collect fossils on public land.

At the same time legislation is also being proposed by the American Lands Access Association (ALAA - which was formed as the lobbying arm of the American Federation of Mineralogical Society). This legislation is also being endorsed by commercial collectors and also by the Black Hills Institute of Geological Research, Inc. (B.H.I.G.R.). In fact B.H.I.G.R. has sent information concerning the proposed ALAA bill to all members of the Senate and the House of Representatives. I am not sure what information these members have received concerning the Baucus bill, although I would have to assume that they can secure a copy of it if they wish to read it.

Included in this months digest is some information concerning the implications of these proposed bills. We would ask that everyone take the time to read through this information and decide for yourself to what extent the hobby of fossil collecting should be controlled by the federal or even state governments.

It is very, very important that everyone contact their Senators and Representatives to let them know what your feelings are concerning this proposed legislation. It is also advisable to contact the Legislators who are proposing to introduce this legislation. Please respond as quickly as possible, most preferably by telephone with maybe a follow-up letter. Thank you!

Sincerely,


Marvin Houg
President, MAPS

MARK YOUR CALENDARS

9 OCT 10th ANNUAL BVFS FLORIDA FOSSIL
10 FAIR: "YEAR OF THE MANATEE,"
WINTER HAVEN COMPLEX
210 Cypress Gardens Blvd., S.E.
corner of Cypress Gardens Blvd., &
U.S. 17.

Sat.--9 am to 7 pm

Lecture at 3 pm by Dave Letasi
Auction around the clock

Sun.--9 am to 5 pm

Contact: Ed Holman
2704 Dixie Road
Lakeland, FL 33801
813/665-3426
or Marcia Kehler, 813/644-3778

SEVENTY MILLION YEAR OLD TERMITE NEST - ALPINE, TEXAS
excerpt from *Glacial Drifter*, Mountain Gem 6-87
via *The Roadrunner*, 11-92
via *Paleo Newsletter*, Austin Paleo Society, 5-93

Trouble with termites? Scientists at Sul Ross State University at Alpine say the pests have been around for a long time, at least 70 million years.

Research by Dr. David Rohr, Assistant Professor of Geology at Sul Ross, has found a termite nest preserved in a fragment of petrified wood collected from Big Bend National Park. It is the oldest known fossil termite nest in the world and represents one of the oldest examples of social behavior in insects, according to Dr. Rohr.

The termite nest is a significant paleontological find because, "It is the oldest evidence of termites actually chewing into wood. Since a termite's diet consists primarily of cellulose, the pellets were preserved in the same manner as the petrified wood," Rohr said.

*** 93/06 DUES ARE DUE ***

Are your dues due? You can tell by checking your mailing label. The top line gives the expiration date in the form of year followed by month--93/06 means 1993/Summer. 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 on your *Digest*. We carry overdues for two months before dropping them from our mailing list.

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

Dues are \$15 per U.S./Canadian household per year. Overseas members may choose the \$15 fee to receive the *Digest* by surface mail or a \$25 fee to receive it by air mail. Library/Institution fee is \$25.

Make checks payable to MAPS and mail to:
Sharon Sonnleitner, Treas.
4800 Sunset Dr. SW
Cedar Rapids, IA 52404

13 OCT SVP 53RD ANNUAL MEETING (SOC. OF
14 VERT. PALEONTOLOGY, ALBUQUERQUE,) NEW MEXICO
15
16

17 International Symposium on Non-
18 marine Triassic from Oct. 17-19.
19

20 Field Trip to examine classic
21 nonmarine Triassic strata of the
22 southern Colorado Plateau from
23 Oct. 20-24.
24

For information contact:
SVP Host Committee
c/o Spencer G. Lucas
NM Museum of Natural History &
Science

1801 Mountain Road N.W.
Albuquerque, NM 87104
ph.: 505-841-8837
fax: 505-841-8866

5 NOV FOSSILMANIA X, OAKDALE PARK, GLEN
6 ROSE, TX
7

Fri.--10 am to 6 pm
Sat.-- 9 am to 6 pm
Sun.-- 9 am to 2 pm

See page 10 for more information.

Contact: William W. Morgan, 113
Shavano Drive, San Antonio, TX
78231

15 APR 1994 MAPS NATIONAL FOSSIL
16 EXPOSITION XVI
17

Fri., Apr. 15: 8am - 6pm
Sat., Apr. 16: 8am - 5pm
(Business meeting and auction
following)
Sun., Apr. 17: 8am - 3pm

**PLEASE NOTE: THE DATES ARE INCORRECT IN
THE 1993 DIRECTORY**

LETTER TO THE EDITOR

FOSSIL SHORTAGE MASQUERADE. "Beware of scientific cults." Once more they are screaming "fossil poachers." Fossil fish quarries and many badlands deposits contain thousands of identical species...unwanted by professionals. Thousands of fossil fish are sold from private quarries annually in Wyoming. Why don't the Feds OPEN UP PUBLIC LANDS and charge a \$5.00 annual collection fee (like Florida does), or sell commercial leases...and make some money instead of spending taxpayer dollars on witch-hunts, propaganda, lawsuits, fossil-cops, and alienating citizens who pay their salaries. The 1,500 registered paleontologists in the U.S. cannot collect 1,000,000 acres of "Public Land"...so the fossils rot. Museum basements are full of privately donated fossils, still boxed, which may never be seen by the public. Universities and museums (paleontologists) compete for huge scientific and corporate fossil-hunting grants...and resent amateur competition...which is self-supporting. Fossils belong to everyone, not just special interests controlling by misrepresentation. Keep the exotic specimens on display in the U.S., but let the amateurs, science teachers and kids collect-trade-sell the surpluses and expand knowledge of earth's earlier inhabitants.

Ed Armentrout
Hot Springs, SD

ARTICLE ON CARE OF FOSSILIFEROUS AMBER
by Alan Goldstein, Louisville, KY

The March, 1993 (vol. 36, no. 1) issue of "Curator" has an excellent article that collectors of insects in amber might want to seek. "The care and study of fossiliferous amber" by Dr. David Grimaldi, an associate curator in the Department of Entomology at the American Museum of Natural History should be considered a benchmark article in the field. Topics include determining provenance, observing inclusions, specimen preparation and storage and maintenance of amber specimens.

This issue is available for \$14 by sending a check made out to the "American Museum of Natural History" to CURATOR Subscription Service, P.O. Box 3000, Dept. HHH, Denville, NJ 07834.

BADLANDS COLLECTING SITE

Ed Armentrout, Hot Springs, SD, called to let MAPS members know that two Nebraska farmers have opened their land to fossil collecting for \$25 per day. The areas are in northwest Nebraska near Crawford and west of Chadron. If you want further information contact Milton Arner at 308-667-2571 or Wes Pettipiece at 308-665-1638.

AMATEUR PALEONTOLOGISTS GET RARE FIND
from Osage Hills Gems (4/93) and condensed
from Serendipity Gems
sent by MAPS member John Boland

A 25 foot shark that roamed the oceans 80 million years ago is the exciting fossil find of jeweler Victor Proter and his wife, Dee Ann. This find was made last July in South Dakota's Black Hills. Mr. Porter noticed a column of bones sticking out of the earth and for three days, he and his companions slowly brushed away revealing the shark--estimated to weigh 800 pounds when alive. The backbone, skull and gills were found.

D.A. Burnham, curator of fossils at the Black Hills Institute, pointed out that this find emphasized the importance of amateur fossil collectors. If Mr. Porter hadn't found the fossil when he did, it would have soon been severely damaged or destroyed by nature.

The shark species has not been identified by experts, so it may be named after Mr. Porter.

Mr. Porter works as a volunteer at the Indiana State Museum. Past finds include a 35 Million year old titanotherium dinosaur jawbone. He helped the museum uncover a mastodon jaw near Lafayette, IN and a 25,000 year old bear skull in southern Indiana.

**ALTERNATIVE TO BAUCUS BILL PROPOSED
by MAPS member John Boland**

Last October, Senator Max Baucus introduced a bill into subcommittee as a Paleontological Resources Protection Act - S3107. It proposed that only vertebrate paleontologists could collect vertebrate fossils on public lands or amateurs that were associated with accredited institutions. Employment of vertebrate paleontologists was required by excavating companies (strip mining, quarrying, power lines, road building). Any unauthorized person caught collecting or transporting vertebrate fossils was subject to heavy penalties. After the bill was published, amateur and professional fossil collectors flooded Senator Baucus's office with mail and phone calls objecting to this bill.

On January 8th and February 22nd, meetings were held in Washington with most of the same interested persons that attended the Boulder and Salt Lake City meetings in 1989-90 on the review of the National Academy of Science (NAS) recommendations in their *Paleontological Collecting* 3 year study. Each group was asked to present their views. Jan Campbell Miller, Senator Baucus's aide stated that the bill would be revised.

Members of American Lands Access Association, Inc. (ALAA), a recently formed lobbying group for paleontological laws sympathetic to amateurs, have spent considerable time in revising S3107 to allow for public collecting of all fossils on federal lands. The National Academy of Sciences stated that millions of fossils disintegrate on the surface of the millions of acres of federal lands. The best preservation of these fossils is their collection. These fossils provide an education to the public, amateur, and the professional collector. Many scientifically important fossils from private lands are given to museums and accredited institutions each year, and the same would be true from federal lands. This proposed bill would be called *The Paleontological Resources Preservation Act of 1993*. Paleontologists of the US Geological Survey would be used by companies excavating on federal lands and fossil information would go into the

USGS Databank. Fines would be lower for first-time offenders.

The proposed *Paleontological Resources Preservation Act of 1993* will be submitted to the National Parks, Forests and Public Lands subcommittee of the House Natural Resources Committee. Tim Johnson, (D-At Large SD) and Joe Skeen (R-NM) have indicated that they will be prime sponsors of the bill. Co-sponsors interested are: Bill Brewster (D-OK), Pat Williams (D-At Large MT), Scott McInnis (R-CO) and Bill Emerson (R-MO). Also favorable to the bill are Sam Gibbons (D-FL), Peter Hoagland (D-NE), Karan English (D-AZ) and Douglas Applegate (D-OH).

Efforts are being made to get Senate sponsors quickly. There appears to be some interest from Pete Domenici (R-NM), Conrad Burns (R-MT), Dennis De Concini (D-AZ), John Glenn (D-OH), Howard Metzenbaum (D-OH), and Thomas Daschle (D-SD). The bill would be submitted to the Public Lands National Parks, and Forests subcommittee of the Senate Energy and Natural Resources Committee. This is the same subcommittee that the revised Baucus Bill will be resubmitted to.

A report, *Fossil Collecting and Public Policy*, containing the 10 recommendations of NAS and report summary, articles and excerpt of reports by paleontologists, and other pertinent writings, is being sent to all 535 Senators and Congresspersons to acquaint them with the views of prominent paleontologists.

Following are a summary of *The Paleontological Resource Preservation Act of 1993* and a list of members on the key committees. Sponsorship by these members is important to get the bill out of committee for House and Senate votes. Approval by the Rules Committee is required for floor introduction.

Sources indicate that Senator Baucus intends to introduce his revised bill by August 7, so if you would like to express your opinion on the alternative House (ALAA) Bill, it is important that you do it immediately; Congress recesses the second week of August.

(See related article on pages 6-7)

SUMMARY OF
THE PALEONTOLOGICAL RESOURCE PRESERVATION ACT OF 1993

Purpose of the Bill: (Section 3, pg. 5)

- "To provide for the preservation of scientifically significant paleontological resources"... and,
- "to provide incentives and opportunities for amateur and other private paleontologists to collect fossils on public land"... and,
- "to foster increased cooperation and exchange of information".

Defines 11 key words and concepts including:

- Casual Use Collecting (pg. 9 #9) and exempts this activity from permit requirements (pg. 11 Sect. 6 (a)(1);
- Amateur Collector (pg. 5, Sect. 4 #1);
- Paleontological Resource (page 6 #3);
- Scientifically Significant Paleontological Resource (pg. 10 #11).
- Suitable Institution (pg. 8 #8) as a qualified repository.

Provides for permits: To be issued under certain terms and conditions for;

- Commercial Collecting (pg. 12 #3);
- Non Commercial Collecting [not qualified as casual use collecting] (pg. 13 #4);
- for Excavation of Scientifically Significant Resources (page 14 (b)).

Conditions for suspension/revocation of permits (pg. 16 (f))

Custody of resources (pp. 17,18 Sect. 7) -provides for depositing of scientifically significant resources in a qualified institution or protected at its original location.

Property rights (pp. 18,19) -including amateur collectors rights to retain resources collected unless they are "very rare and scientifically significant".

Prohibited Acts (pp. 19,20) -prohibits unlawful removal and transportation of scientifically significant resources, and prosecution under trespass rules.

Civil Penalties (pp. 20-21) -provides for fines of \$1000 and \$2000 by the land managers for violations of the Act.

Resource Confidentiality (pp. 22-23).

Provides for a public awareness program (pg. 25) including setting aside recreational collecting sites where practicable.

Has a section on "Savings Provisions" (Sect. 14 pg. 26) to assure that the Act does not "repeal, modify, or impose additional restrictions on activities permitted under existing laws" and does not apply to collecting rocks, minerals or fossil resources not covered under the Act.

MEMBERS OF KEY COMMITTEES

House Natural Resources Committee

Phone: 202-225-2761 — Room: 1324 LHOB

Democrats (24)**
 George Miller, 7th-CA, *Chair**
 Philip Sharp, 2nd-IN
 Edward Markey, 7th-MA
 Austin Murphy, 20th-PA
 Nick Rahall, 3rd-WV
 Bruce Vento, 4th-MN
 Pat Williams, At Large-MT
 Ron de Lugo, Del.-V.I.
 Sam Gejdenson, 2nd-CT
 Richard Lehman, 19th-CA
 Bill Richardson, 3rd-NM
 Peter DeFazio, 4th-OR
 Eni Faleomavaega, Del.-A.S.
 Tim Johnson, At Large-SD
 Larry LaRocco, 1st-ID
 Neil Abercrombie, 1st-HI
 Calvin Dooley, 20th-CA
 Carlos Romero-Barcelo,
 Res. Comm.-PR
 Karan English, 6th-AZ
 Karen Shepherd, 2nd-UT
 Nathan Deal, 9th-GA
 Maurice D. Hinchey, 26th-NY
 Robert Underwood, Del.-
 Guam
 Patsy Mink, 2nd-HI
 Howard Berman, 26th-CA
 Lane Evans, 17th-IL
 Tom Barlow, 1st-KY
 Tom Barrett, 5th-WI
Maj. Staff Dir. & Counsel:
 Dan Beard
 225-2761, 1324 LHOB

Republicans (15)
 Don Young, At Large-AK, *
Rnk. Mem.
 James Hansen, 1st-UT
 Barbara Vucanovich, 2nd-NV
 Elton Gallegly, 23rd-CA
 Robert F. Smith, 2nd-OR
 Craig Thomas, At Large-WY
 John Duncan, 2nd-TN
 Joel Healey, 5th-CO
 John Doolittle, 4th-CA
 Wayne Allard, 4th-CO
 Richard Baker, 6th-LA
 Ken Calvert, 43rd-CA
 Scott McInnis, 3rd-CO
 Richard Pombo, 11th-CA
 Jay Dickey, 4th-AR

*Ex officio members on all
 subcommittees of which
 they are not regular members.

**Ratio does not include Resident
 Commissioner or Delegates

Chief Min. Counsel:
 Dan Kish
 225-6065, 1329 LHOB

Natural Resources Subcommittees

National Parks, Forests and Public Lands
 226-7736/812 OHOB

Dem: Vento, *Chair*; Markey; Rahall; Williams; DeFazio; Johnson;
 LaRocco; Abercrombie; Romero-Barcelo; English; Shepherd;
 Hinchey; Underwood; Murphy; Richardson; Mink
Rep: Hansen; Smith, R.; Thomas; Duncan; Healey; Doolittle; Baker;
 Calvert; Dickey
Maj. Staff Dir.: Rick Healy, 226-7736, 812 OHOB
Min. Consultant: Vacant

House Rules Committee

Phone: 202-225-9486 — Room: H-312 Capitol

Democrats (9)
 Joe Moakley, 9th-MA, *Chair**
 Butler Derrick, 3rd-SC
 Anthony Beilenson, 24th-CA
 Martin Frost, 24th-TX
 David Bonior, 10th-MI
 Tony Hall, 3rd-OH
 Alan Wheat, 5th-MO
 Bart Gordon, 6th-TN
 Louise Slaughter, 28th-NY

Republicans (4)
 Gerald Solomon, 22nd-NY, *
Rnk. Mem.
 James Quillen, 1st-TN
 David Dreier, 28th-CA
 Porter Goss, 14th-FL

Rules Subcommittees

Rules of the House
 225-9588/1628 LHOB

Dem: Beilenson, *Chair*; Bonior; Hall; Slaughter
Rep: Dreier
Maj. Staff Dir.: Melissa Kuckro, 225-3792, 2465 RHOB
Min. Counsel: Jeff Gleason, 225-7985, B-346-B RHOB

Senate Energy and Natural Resources Committee

Phone: 202-224-4971 — Room: SD-304

Democrats (11)
 J. Bennett Johnston, LA, *Chair**
 Dale Bumpers, AR
 Wendell Ford, KY
 Bill Bradley, NJ
 Jeff Bingaman, NM
 Daniel Akaka, HI
 Richard Shelby, AL
 Paul Wellstone, MN
 Ben Nighthorse Campbell, CO
 Harlan Mathews, TN
 Robert Krueger, TX

Republicans (9)
 Malcolm Wallop, WY, *
Rnk. Mem.
 Mark Hatfield, OR
 Pete Domenici, NM
 Frank Murkowski, AK
 Don Nickles, OK
 Larry Craig, ID
 Robert Bennett, UT
 Arlen Specter, PA
 Trent Lott, MS

Maj. Staff Dir.:
 Ben Cooper
 224-4971, SD-304

Min. Staff Dir.:
 Robert Wallace
 224-1017, SD-312

*Ex officio members on all subcommittees.

Energy and Natural Resources Subcommittees

Public Lands, National Parks and Forests
 224-7145/SD-308

Dem: Bumpers, *Chair*; Campbell, *Vice Chair*; Bradley; Bingaman;
 Akaka; Shelby; Wellstone; Krueger
Rep: Murkowski; Hatfield; Lott; Domenici; Bennett; Craig; Specter
Maj. Sr. Prof. Staff: Tom Williams, 224-7145, SD-308
Min. Prof. Staff Member: Jim O'Toole, 224-5161, SD-312

Senate Rules and Administration Committee

Phone: 202-224-6352 — Room: SR-305

Democrats (9)
 Wendell Ford, KY, *Chair*
 Claiborne Pell, RI
 Robert Byrd, WV
 Daniel Inouye, HI
 Dennis DeConcini, AZ
 Daniel Moynihan, NY
 Christopher Dodd, CT
 Dianne Feinstein, CA
 Harlan Mathews, GA

Republicans (7)
 Ted Stevens, AK,
Rnk. Mem.
 Mark Hatfield, OR
 Jesse Helms, NC
 John Warner, VA
 Robert Dole, KS
 Mitch McConnell, KY
 Thad Cochran, MS

Maj. Staff Dir.:
 James O. King
 224-6351, SR-305

Min. Staff Dir.:
 Al McDermott
 224-8923, SR-479

No Subcommittees

A VIEW OF THE PALEONTOLOGICAL RESOURCES PRESERVATION ACT OF 1993

by Black Hills Institute of Geological Research, Inc, 217 Main Street, Hill City, SD 57745

"It is better to follow the long route of education of the public to the needs of scientists who study fossils rather than to attempt the quick fix of enacting Federal legislation punishing people with fines and imprisonment."

Dr. John Pojeta, Jr., Chief, Paleontology and Stratigraphy Branch, U.S. Geological Survey

This is a brief synopsis of the benefits of the Paleontological Resources Preservation Act of 1993 (hereinafter referred to as the House Bill) as well as some points of difference between this Act and the Baucus Bill (the Paleontological Resources Protection Act of 1992) in the Senate.

SUMMARY

Fossils are abundant. Fossils are a "non-renewable" resource only in that an individual fossil once lost to the elements is gone forever. This unique nature of the paleontological resource demands that fossils be collected to be preserved. The same forces of weathering which expose fossils to our eyes will inevitably destroy them if they are left uncollected. In fact, most fossils once exposed are lost in this way. The science of paleontology is also unique in that the average person can, and often does, make valuable contributions by discovering fossil specimens and sites. Historically, some 80% of all scientifically significant specimens have been discovered by amateurs.

Consequently, a policy of open access for the collection of this resource is necessary if fossils are to be preserved. This is contrary to most Land Management practices which restrict access to resources in order to preserve them. Currently a maze of conflicting bureaucratic rules and policies are being misapplied that restrict access to fossil collecting on public lands. The House Bill establishes clear guidelines to the Land Management Agencies to open access for fossil collecting. It also provides for the special treatment of the occasional rare fossil by placing ownership of significant specimens with the United States government.

House Bill vs. Baucus

The most basic and irreconcilable differences between the 1993 House Bill and the 1992 Baucus Bill are the premises upon which each bill is written:

House Bill

-The House bill was written in response to fears about excessive regulation raised by the Baucus Bill in the amateur paleontological community.

-The House bill was written by the American Lands Access Association* (an organization formed by the largest amateur societies of paleontological collectors in the United States), in consultation with academic and commercial paleontologists.

-The House Bill remains faithful to the recommendations and statement of principle of the 1987 National Academy of Sciences report on *Paleontological Collecting*. This study resulted in a consensus document encompassing the concerns and interests of the entire paleontological community and those of federal land managers.

-The House Bill acknowledges that protecting paleontological resources on public lands requires that

access be allowed so that fossils are discovered and collected.

-The House Bill recognizes that such access is best encouraged by a clearly defined policy allowing reconnaissance and collecting without permits for all casual collecting.

-The House Bill mandates a reasonable permit process and agency oversight for more extensive collecting by museum, research and commercial paleontologists.

-The House Bill provides misdemeanor penalties for violators of this Act.

-The House Bill mandates that Land Management agencies implement educational programs and provide collecting sites to encourage interest in, and the collecting of, fossils.

* ALAA, Jon Spunaugle, President (206) 957-1343

Baucus Bill

-The 1992 Baucus Bill violated every recommendation of the 1987 National Academy of Sciences report referred to above.

-The Baucus bill was written primarily by an aide to Senator Baucus in consultation with a few academic paleontologists and some Federal Land Management agency personnel.

-The 1992 Baucus bill did not represent a consensus even within the small academic paleontological community and was widely rejected by the larger paleontological community including all the major amateur societies, the American

Association of Museums and the American Association of Paleontological Suppliers.

-The Baucus Bill assumes that protecting paleontological resources on public lands requires restricted access to public lands and fossils.

-The Baucus Bill requires that such restricted access be enforced by increasing the surveillance and enforcement personnel of the Land Management Agencies.

-The Baucus bill further mandates that violators be charged with felonies which carry penalties of hundreds of thousands of dollars and prison terms.

Benefits of the House Bill

The House Bill benefits Land Management Agencies because:

- it clarifies their mandate to manage this resource.
- it creates a positive, educational role for them by encouraging the public to understand and preserve this resource.

The House Bill benefits Science because:

- it encourages fossil collecting which preserves the resource.
- more collected fossils benefit the science of paleontology.
- unimpeded access to fossils aids research in the related fields of stratigraphy, sedimentology and sedimentary geochemistry, etc.
- it increases the pool of recruits into all these areas of study both as vocations and avocations.

The House Bill benefits museums and universities as well as earth science classes and clubs at all educational levels by:

- allowing permit free access for field trips and educational groups for casual collecting.
- providing more specimens for study at all educational levels.
- providing more display specimens for public and private museums and collections.

The House Bill benefits the resource by:

- increasing the chance that the fossils on public lands will be discovered and preserved.

Most importantly, the House Bill benefits the general public because it is a fiscally responsible bill which does not require more tax dollars to fund the agencies required to manage this resource. The public, in the person of the amateur collector, has always been an integral part of the science of paleontology by making most of the important discoveries. Therefore, it is of paramount importance that public access to fossils on public lands be encouraged. As the 1987 NAS report, titled *Paleontological Collecting*, (page 3) stated: *"We feel strongly that only with unimpeded access can our knowledge of ancient life move ahead with vigor."*

The 1993 Paleontological Resources Preservation Act -the House Bill- provides a common sense, scientifically sound, approach to the management of paleontological resources on public lands. A healthy nation encourages education and the proper use of its resources rather than imposing the dark shadow of restrictive regulation and enforcement. Education may seem like *"the long route"* but it is the only practical option for the continued preservation of this marvelous resource.

ADVERTISING SECTION

Ads are \$5.00 per inch (6 lines x 1 column--43 spaces). 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 up to 8 lines by 54 spaces can be printed in smaller type to fit a 1" space.

MEMBER SEEKS DETAILED INFORMATION ON COLLECTING SITES IN U.S. AND CANADA. Interests include leaves, wood, amber, insects, fish, Mazon Creek type concretions, ammonites, tracks, dinosaurs, and vertebrates.

Please contact Yale Goldman, 4416 Osage Ave. Apt. C5, Philadelphia, PA 19104. (215) 662-0236

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Museum Quality Fossils, Wholesale Cat. & updated list - send \$3.00. Buy by the piece or in large quantities. 90% self collected. Professionally prepared by Eric. Many marketed items for the shop owner. Large collection of kit fossils available; ask for details.

Eric Kendrew, The Fossil Store, 4436 Tevalo Dr., Valrico, FL 33594. 813-681-4350

QUENSTEDT'S PETREFACTENKUNDE DEUTSCHLANDS, Abt. I. Vol. 5 and Vol. 6, for sale. This is only the text of this famous German fossil book without the atlases. Library stamps on tp's. Selling at my cost. Vol. 5 Korallen: Die Schwamme. (1876-78). 612 pages, price \$95. Vol. 6 Korallen: Die Rohren- und Sternkorallen. (1881). 1093 pages, price \$167.00. Fred Hotchkiss, 26 Sherry Rd, Harvard, MA 01451. 508-456-8089. Wanted: Vol. 3. Wanted: atlases to Vol. 3 and Vol. 4.

2 DAY AUCTION: OCT 23-24. Fossils include: Agatized Algae (WY); Barnacles; Belemnites; Blue Forest limb casts; Brachitella; Brazilian fish; Brittle star fish (CA); Lge. Cephalopod (TX); Lge. Clams (Orcutt, CA); Clams (WY); ****Marine reptile--Mesosaurus brasiliensis--Penn. (Brazil--museum spec.)****; *Elrathia kingii* trilobite; Fern fossils (IL & IN); Fern slab; Fish imprints (Gaviota Bank, Santa Barbara Co., CA); Fish slabs; Cricket (Douglas Pass); ****Crinoids--many slabs, one with 7 dif. sp. (Gilmore City, IA)****; IA coral--slabbed; Kugelfisch (Haquel, Lebanon); Leaves; Leg bone of giant horse; Lepidodendron; Mastodon tusk piece (Spirit Lake, IA); Mastodon tooth chunks; Mastodon shoulder bone; Orange coral; Pelecypod; Petoskey slabs; Petrified wood; *Phacops rana crassituberculata*; 7 boxes plant fossils (Knoxville, IA); Rockford, IA, fossils; Sand dollars (Orcutt, CA); Sand dollar; Tampa Bay coral; Trilobite & parts; Turritella; Scaphites; Corals; Cyclocrinites; Etc. **American Legion Bldg, Ely, IA. Major fossils sold 1:30 Oct. 23. For flyer, contact Marv Houg (319) 395-0577, Alberta Cray (319) 362-5530 or Sharon Sonnleitner (319) 396-4016.**

NEW MISSISSIPPI FOSSIL PARK

source: Christian, Ken. Booneville, MS, Newspaper. Mar., 93. p. 1.

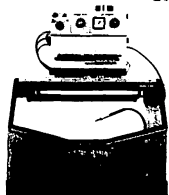
sent by: James Hickner, St. Louis, MO

A tract of land at the intersection of Twenty Mile Creek and the new Highway 45 Bypass near Frankstown, MS, has been donated by Booneville resident Willie M. Browning for a Cretaceous Fossil Park.

The fossils were discovered by Booneville High School students in 1990 when they were uncovered by road work on the bypass.

A note from James adds: *My friend and I collected over 100 shark teeth each in that area in June 1991. We also found other fossil vertebrate fragments and many mol-luscs as well. The site is now paved over.*

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Please ADD the Following NEW OR REJOINING MEMBERS to Your Directory:

Dale M. Burton
48 Roscoe Court
Frankfort, KY 40601
502-223-1950

Geologist/Hydrogeologist. Will trade. Major interest blastoids, crinoids (upper Mississippian) Has for trade blastoids, brachiopods, colonial coral Archimedes, cephalopods, stigmaria. Wants to expand knowledge of fossils and communicate with others who are interested in fossils.

Arthur DeLoach
P.O. Box 398
Shellman, GA 31786

Trial Membership

John W. Frazier IV
and Family
761 Harrison Rd.
Villanova, PA 19085
215-688-4135

David K. Hackett
6500 Trousdale Road
Knoxville, TN 37921
615-691-7835

Professional Engineer/Paleontologist. Will trade. Major interest paleoecology, preparation, and wants to join a dinosaur dig. Has for trade Mid-Ordovician fauna material from East Tenn. Member of Paleo Soc. of Am., and Mississippi Geo. Survey (Knoxville, TN, Dinosaur Soc. Wants to network with others.

Jonathan Hassell
2806 Clyburne Street
Hueytown, AL 35023

Edward J. Hennessey
2719 Tyler St.
Long Beach, CA 90810
213-835-3751

Will trade. Interested in ammonites, cephalopods and any fossils that vividly show parasitism, pathological signs, trauma, molting or symbiosis.

Albert M. Hines
602 Fleming North
Muskegon, MI 49445
616-744-7599

Mechanical Engineer. Will trade a little. Major interest Paleozoic marine invertebrates, particularly Ordovician brachiopods, gastropods, trilobites, corals, some Cretaceous ammonites & oysters from TX and TN. Wants to know others with the same interest and find good hunting localities for vacations, etc.

Randy K. Jones
339 South Greensboro Pike
New Castle, IN 47362
317-521-3398

Environmental Scientist. Interested in all fossil forms, including: brachiopods, crinoids, trilobites blastoids, cephalopods and plant fossils. Member Indiana Soc. of Paleo. Wants to further his knowledge of fossils in general.

Bill Rushlau
5607 S. 48 Ave.
Omaha, NE 68117
402-731-8795

Q.C. Inspector. Major interest trilobites--other arthropods--Penn. period Black Shale Fauna. Wants to meet other collectors and share info--obtain specimens.

PLEASE NOTE THE FOLLOWING CHANGES OF ADDRESS OR CORRECTIONS:

Steve Baumeister
564 Reynolds Ave.
Lancaster, PA 17602

Willem Bessem
45 Matipo Road
Te Atatu North, AUCKLAND 8
NEW ZEALAND
ph. 8344109

Draughtsman. Will trade. Major interest echinoids of the Order Cidaroida and Hemicida Roida of all geol. time ages. Has for trade some echinoids of other orders. Member of the Fossil Collectors Assn. of Australasia. Would like to obtain information about Cidaroids for study purposes.

Ernest B. Hammons
3176 Hill Road
Petersburg, TN 37144
615-659-9021

Donald J. Kenney
28 Briar Lane
Essex Junction, VT 05452

Gerhard G. H. Muehle
595 W Lavery Ln #2
Tucson, AZ 85704-3924

Nancy L. Nowak
P.O. Box 2586
Carbondale, IL 62902
618-457-7402

Phone change

Kevin Shannon
13195 Delbarton St.
Spring Hill, FL 34609

Thomas C. Williams
2403 6th St.
Peru, IL 61354

FOSSILMANIA XI

Presented by the Austin and the Dallas Paleontological Societies

Fossilmania is an annual sale and trade show for fossils and fossil-related items which is to be held at Oakdale Park in Glen Rose, Texas on November 5 through November 7, 1993. Participating dealers will please restrict their material to fossils and fossil-related materials. The sponsors of Fossilmania request that the indoor show areas remain smoke free.

Hours:	Friday	November 5	10:00 a.m. to 6:00 p.m. CST
	Saturday	November 6	9:00 a.m. to 6:00 p.m.
	Sunday	November 7	9:00 a.m. to 2:00 p.m.

Tables: All 6 foot show tables are reserved on a first come first served basis at \$15.00 per table. In order to accommodate the growing interest in the show, the number of tables will be limited to 3 per dealer. Tables may not be reserved for the purposes of advertisement only. Any tables unreserved by show time may be made available for drop-in dealers. All table reservations should be sent to William W. Morgan, 113 Shavano Drive, San Antonio, Texas 78231.

Auction: A public auction will be held on Saturday night. Each dealer should provide a correctly labeled fossil or related item with a minimum value @ \$10.00 times the reserved number of show tables, i.e., \$10.00 X 2 show tables = \$20.00. All proceeds go to the benefit of the sponsoring societies and the support of Fossilmania.

Raffle Prizes: Tickets for outstanding raffle prizes may be purchased during show hours on Friday and Saturday @ \$1.00 or 6 for \$5.00. Drawings will be held following the auction. Entrants need not be present to win.

Lodging @ Oakdale Park: (Prices do not include tax)

Trailer sites	\$13.50/night including full hook-up.
Tent sites	1 tent/4 persons/night - \$11.00.
Cabins	2 double beds w/ linens - \$35.00/night.
	3 double beds w/out linens, w/ kitchen facilities - \$40.00/ night.

Reservations for lodging facilities at Oakdale Park should be made payable to and sent to: Oakdale Park, PO Box 548, Glen Rose, Texas, 76043 (phone [817]897-2321).

Additional Lodging:

Glen Rose Motor Inn (US 67). Single \$40.00+/night + tax. Phone: (817) 897-2941.
Dinosaur Valley State Park (US 67 to FM 201 to Park Rd 59). Phone: (817) 897-4588.
Reservations for Dinosaur Valley State Park are recommended 90 days in advance.

Please cut along line and return with payment

SHOW SECURITY WILL BE PROVIDED BUT WE CANNOT BE RESPONSIBLE FOR LOST OR STOLEN ITEMS

Please complete this form and send with a check payable to the Austin Paleontological Society to: William W. Morgan, 113 Shavano Drive, San Antonio, TX, 78231.

Name _____ Phone () _____

Address _____ City _____ State _____ Zip _____

Dealer Tables: 6' table for weekend @ \$15.00 each (*limit 3*)

number tables _____ X \$15.00= Total remitted \$ _____

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: One year from month of payment is \$15.00 per household. Institution or Library fee is \$25.00. Overseas fee is \$15.00 with Surface Mailing of DIGESTS OR \$25.00 with Air Mailing of DIGESTS. (Payments other than those stated will be pro-rated.)

MAPS meetings are held on the 1st Saturday of each month (2nd Saturday if inclement weather). October & May meetings are scheduled field trips. The June meeting is in conjunction with the Bloomington, IN, Gem, Mineral, Fossil Show & Swap. A picnic is held the fourth weekend in July. November through April meetings are scheduled for 1 p.m. in the Science Building, Augustana College, Rock Island, Illinois. One annual International Fossil Exposition is held in the Spring.

MAPS official publication, MAPS DIGEST, is published 9 months of the year--October through June.

President: Marvin Houg, 3330 44th St. N.E., Cedar Rapids, IA 52402
1st Vice President: Lyle Kugler, 612 8 E. 3rd St., Aledo, IL 61231
2nd Vice President: Allyn Adams, 612 W. 51st Street, Davenport, IA 52806
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