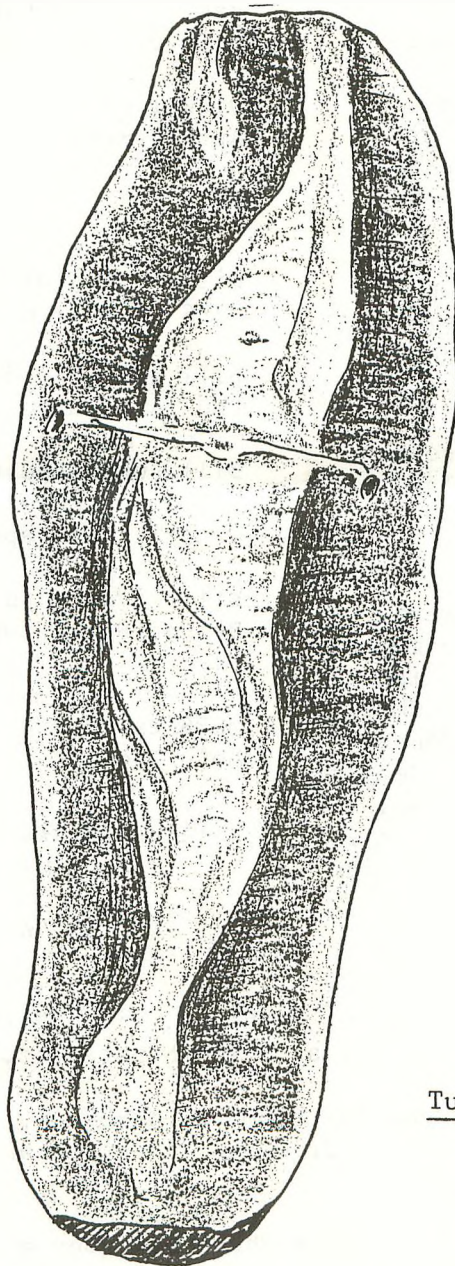


# M.A.P.S. *Digest*

Official Publication of  
Mid-America Paleontology Society

Volume 10 Number 7  
November, 1987



Tullimonstrum gregarium

## MARK YOUR CALENDARS

\*\*\*\*\*

7 Nov MAPS MEETING -- Putnam Museum  
DINOSAURS ALIVE. The Museum  
is located at 1717 W 12th St  
Davenport, Iowa.

1:00 Board Meeting  
2:00 MAPS Meeting tour of  
Dinosaurs.

Adults . . . . . \$3.00  
Senior Citizens (65 & ) 2.50  
Children (4-17). . . . 2.00  
Children (3 & under) . . free

When you enter the museum you  
will pay for the exhibit. Mr.  
Smith has made arrangements for  
a room for a Board Meeting and  
then a tour of the exhibit.

Ask for the meeting place when  
you arrive. Should be inter-  
esting and it will surely be  
good to see everyone.

5 Dec MAPS MEETING -- Fryxell Museum  
Augustana College, Rock Island  
Illinois.

1:00 Board Meeting  
2:00 MAPS MEETING--Kelly Emert,  
Geology Department, Monmouth  
College will speak. Miss  
Emert spent time last summer  
with MAPS member Tom Johnson  
collecting trilobites, Ceasar's  
Creek, Ohio. As you know,  
Tom's trilobite collection is  
on display at The Smithsonian.

WE REGRET TO ANNOUNCE. . .

MAPS is saddened by the death of two MAPS  
friends.

Dick Johannesen, one of the founders of  
MAPS, died October 8.

Dick was MAPS first president and first ed-  
itor. Over the years he contributed many  
articles to MAPS DIGEST, always had display  
cases at the EXPOS, and was congenial host  
when one went to Augustana's Fryxell Museum.

Dick lived with wife, Marge, at 2708 34th St.  
Apt 1, Rock Island, IL 61201.

\*\*\*

William T. (Bill) Watkins, contributor to  
MAPS DIGEST, died September 27.

Bill was introduced to MAPS by his friend,  
the late Harrell L. Strimple.

Bill submitted the cover Volume 9 Number 2,  
and an article to the Digest. A second  
article will appear in a future Digest.

Bill lived with his wife, Helen, at 223 Lyric  
Drive, San Antonio, TX 78223.

\*\*\*

MAPS extends our most sincere sympathy to  
both the Johannesen and Watkins families.

\*\*\*\*\*

\* \* \* \* \*

ABOUT THE COVER: Artist Don Auler, 623 E. Highland, Villa Park, Illinois 60181. The  
Beautiful drawing is of a "Tully Monster" found at Pit 11 by the artist.

Don's first MAPS cover, Volume 8 Number 7, was of a Ramp Creek crinoid.  
This talented man also drew the illustrations in ESCONI'S first book,  
Mazon Creek Fossils.

Don says the Francis Creek Shale bed goes as far south as Oklahoma, is  
found in Indiana, Tennessee and Kentucky as well as Illinois. Some  
months ago a paleontologist visiting America from England said the  
same shale appears in France.

Many thanks, Don, for a beautiful cover.

A D V E R T I S I N G   S E C T I O N

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Marvin Houg, Treasurer  
3330 44th St. N.E.  
Cedar Rapids, IA 52402

( X X )

TULLIMONSTRUM gregarium

This interesting creature has been written up in staid professional paleontological journals, Sunday newspapers, coal mining periodicals, conservationist news-letters, and museum circulars. And why not? This bizarre animal would be the perfect "monster" for a TV space adventure.

One sly wag has gripped that a camel is a horse designed by a committee. What did the committee attempt when it designed the Tully Monster? An animal described as having a segmented, somewhat flattened, streamlined body, paddle tail, long snout or proboscis that terminates in a claw containing teeth, a stiff transverse bar on a stalk located one-third of the way down the body, said appendages loosely attached to the trunk. The bar extends outwards on each side of the animal, ending in a bulbous "eye" or sensory organ. Long snout with teeth? Eyes out on a stiff bar? It gives one the feeling of hearing a backwoods campfire yarn. Yet this animal did exist. A Pennsylvanian Era inhabitant of the tropical marine waters, surrounding the estuary that today is Pit 11.

T. gregarium was first described by the late Dr. E. S. Richardson, Jr. Some of his most prized possessions being models, drawings and renderings in diverse media, of the Tully Monster. Often these items appeared more fanciful than the original. Its unbelievable appearance had captured the popular imagination.

Currently there is a bill before the Illinois Legislature, the purpose of which is to declare the Tully Monster to be the official Stat Fossil of Illinois. To date, this strange fossil animal has never been found outside the boundaries of the State of Illinois.

A most suitable choice for the State Fossil!

(Ed comment--Bill 321 actually did pass both houses of the Illinois State Legislature, only to be vetoed by the Governor. As we go to press, the Lower House has passed the Legislation over the Governor's veto. The Senate votes on the veto next week.

Joanne Kluessendorf wrote many letters and made many phone calls to paleontological organizations to try to see that this Bill passed.

We'll keep you posted)

The above article was written by MAPS member

Andrew Hay  
8024 Winnemac Avenue  
Norridge, IL 60656

( X X )

"A MAN AND HIS MONSTER"

--Chicago Tribune

Francis Tully, 75, an amateur fossil hunter, was the discoverer in 1955, of the remains of a prehistoric marine animal for which scientists had to create a phylum.

"When you're hunting fossils, you're looking for just anything at all," Tully said of his passion. "The kick is to find something nobody has found before. That's why I seldom have sold any, I trade them off or give 'em away."

Mr. Tully died September 10, never knowing whether his discovery would become the Illinois State Fossil.

Professional and amateur geologists long have known . . . that about 50 miles south of Chicago, in the Essex and Braidwood area, there exist a few square miles of strip-mined land that constitute one of the world's great fossil beds.

A century ago, Pennsylvanian, or Coal Age fossils 280 million years old were eagerly pursued in Mazon Creek, south of Morris. The area marks what once was the northeastern coast of the primordial Sea of Illinois, part of a warm, shallow salt-water estuary that once stretched across much of the Midwest. . .

Adjacent were the lush equatorial coastal swamps--the lushest in the history of the planet--with huge trees and rotting vegetation that, over eons, got buried and crushed into the petrified peat that was to become such an important economic resource.

The pristine quality of fossil preservation at Mazon Creek, and the wide variety of Paleozoic marine plants and animals found there, especially invertebrates. . . , put the region on the paleontological map. . .

About 60 years ago, by which time fossil hunters had worked over much of the banks of Mazon Creek, strip-mining began nearby, and the huge shovels of the coal companies began dumping loads of overlying soft shale into gigantic "spoil heaps." The junk rock provided a new gold mine for eager fossil fans.

The Field Museum of Natural History long has been accustomed to quests for identification of fossils.

When Mr. Tully found two rocks that had cracked open from natural weathering, and saw they held something completely different, he knew right away he had something he had never seen anything like before. So he brought the fossil to Field Museum to see if they could figure what it was.

Usually if found in the Chicago area, the fossil is a coral, dating from 345 million to 280 million years ago. Chicago's bedrock hails from the Silurian period, the episode

in the history of the Earth that marked the first appearance of land plants, the first scorpions, clams and the development of corals.

The bedrock in that area, was scraped all the way down to the Silurian by the Wisconsin glacier that retreated north a mere 10,000 years ago, leaving Lake Michigan as a memento. But the glacier didn't touch the Mazon Creek region only 50 miles to the south. The geologic story there is totally different--the rocks newer, the fossils more varied...

The Tully monster was nothing like any other known organism, living or extinct.

Whenever scientists face such a puzzle, they merely wait until more specimens are found. "Usually one can recognize some similarity to a known animal," wrote Richardson, "and postulate a relationship."

Not unexpectedly, Tully declined to keep his find a secret. And when the Peabody Coal Co. moved on to a new mine, Pit 11, south of the village of Braidwood, lots of new ancient nodules soon turned up down by the coal pits. So did lots of collectors, and in due time, lots of Tully monsters. . . .

Although the museum soon teemed with Tully monsters, and they were being found throughout central and western Illinois, no one could agree on a phylum. The fossil was found nowhere else. . .

Ten years passed without the puzzle being solved, and by 1966 Richardson could dawdle no longer. The Tully Monster simply had to be formally introduced to science and given a name. Thus Richardson wrote a paper and merely Latinized what every was calling the thing, anyway. He christened the orphan:

Tullimonstrum gregarium--Tully monster, common.

(Thank you Gerry Norris, Rock Island, Jean Valey, Lockport, and Tom Walsh, Coal Valley, for news clippings.)

Ø Ø ( )

Nation Academy of Science Report of Paleontological Collecting--Sent by Dr. N. Gary Lane, Indiana University, Department of Geology, 1005 East Tenth Street, Bloomington, Indiana 47405. Many thanks, Dr. Lane.

Dr. Lane suggested a summary of the recommendations. What follows can hardly be called a summary. In some instances explanations have been shortened.

## PREFACE

The Committee on Guidelines for Paleontological Collecting was created by the National Academy of Sciences in mid-1984 to serve through June 30, 1987, under the auspices of the Board on Earth Sciences of the Academy's Commission on Physical Sciences, Mathematics, and Resources. The Committee began to hold meetings in the spring of 1985 to develop a general statement on the appropriate role of government in the regulation (or lack thereof) of field collecting of the fossils of prehistoric plants and animals.

The catalyst that led to the formation of the Committee was a 1981 meeting in Farmington, New Mexico, that centered on surface mining, particularly surface coal mining in New Mexico, and the impact of this activity on scientific and hobby collecting of fossils by scientists and hobbyists.

The Committee's 13 members included a cross-section of the professional paleontological community as well as representatives of state and federal governments, the surface-mining industry, and commercial businesses dealing in fossils. The members represented a wide range of backgrounds, experience, and points of view, and individual Committee members functioned in overlapping capacities. Included were current or former employees of federal and state governments, industry, museums, academic institutions, private enterprises that deal in fossils, and the law. Several members of the Committee were professionally-research paleontologists, and all members

had some background in problems of collecting fossils.

However, a group of 13 individuals could not cover all possible aspects of the subject from all points of view. To offset these difficulties, help was sought from a number of dedicated consultants and liaison members from state and federal agencies, paleontological societies, and the paleontological community at large. The Committee also investigated procedures for dealing with fossil collecting in Great Britain, Canada, and the Federal Republic of Germany.

The Committee held six formal meetings, either in Washington or at other sites appropriate to studying different aspects of the problem. The location of those sites along with public announcements of the existence and activities of the Committee and cognate activities of other groups and committees can be found in appendixes to the report.

## CONCLUSIONS AND RECOMMENDATIONS

The Committee was faced with some difficult and controversial issues. Nevertheless, the ten recommendations given below (with annotations) constitute a strong consensus and they were approved unanimously by the full Committee on September 14, 1986.

Recommendation #1. A uniform national policy on paleontological collecting should be adopted by all federal agencies. Existing statutory authority is adequate for implementation of such a policy.

Recommendation #2. Each state should adopt a uniform paleontological policy for state-owned lands.

Recommendation #3. All public lands should be open to fossil collecting for scientific purposes. Except in cases involving quarrying or commercial collecting, collecting fossils on public lands\* should not be subject to permit requirements or other regulation.

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\*Other than National Parks

The Committee recommends the following procedures and definitions:

Reconnaissance Collecting: Requires no advance notice to any public land manager; no permit is required. Such collecting is a day or less at any one locality and involves surface collecting by hand tools.

Extended Stay Collecting: Requires written advance notice to the land manager so that applicable rules can be known and followed;\*\* no permit is required. Consists of surface collecting for more than one day using hand tools.

Quarrying for Fossils: For this report, a paleontological quarry is defined as an excavation of greater than two (2) cubic yards initiated for the extraction of fossils. Collecting fossils by quarrying should be controlled by a permit procedure. Permit forms should be simple.

Recommendation #4. Fossils of scientific significance should be deposited in institutions where there are established research and educational programs in paleontology...There is no justification for requiring that fossils be deposited in an institution in the same state in which they were found; such requirements discourage paleo. research.

Recommendation #5. Commercial collecting of fossils from public lands should be regulated to minimize the risk of losing fossils and data of importance to paleontology. Permit applications must be subject to review by paleontologists qualified to assess the projects' potential impact on related research programs. Applications must receive the endorsement of a paleontologist who is willing to supply guidance to the commercial operation. Specimens deemed to be of special scientific interest must be deposited in a public institution, such as a museum, college, or university.

Past experience has clearly shown that commercial collecting has both benefited and hurt paleontological research. Many unique and scientifically important fossils have been discovered and made available to science by commercial collectors. Conversely, there are documented instances of important fossils disappearing into private hands with no opportunity for scientific study. The Committee believes that a permitting procedure for commercial collecting that would ensure access to specimens by scientists would meet the needs of both the scientific community and commercial interests.

Recommendation #6. Private landowners should follow the guideline that commercial collecting of fossils be undertaken with thorough scientific oversight to ensure that the scientific usefulness of specimens is not impaired.

Recommendation #7. Blanket paleontological inventories, mitigation, or salvage activities should not be undertaken, funded, or required by government agencies as a routine part of environmental assessment, impact analysis, permitting, land management, or similar programs.

By facilitating the work of scientists, land managers and other agencies can take advantage of the most effective means of accomplishing inventory objectives, i.e., increasing knowledge of fossil distributions on public lands. Thus, surface paleontological collecting should be encouraged on all public lands, including Areas of Critical Environmental Concern, Research Natural Areas, Wilderness Study Areas, and Designated Wilderness Areas. . . . Land managing agencies should contact the U.S. Geological Survey and appropriate state geological surveys to determine the need for a reconnaissance survey or limited-scope paleontological inventory where land development is contemplated. Development--urbanization, surface mining, dams, airport, and highway construction. . . . (Please turn to page 9.)

\*\*This procedure should be kept simple and fast to allow a collector to explore more fully a newly discovered exposure or an unexpectedly productive site.

Please update your MEMBERSHIP DIRECTORY with the following changes.

CURTIS, John R., 722 Inverness Drive, West Chester, PA 19380  
CPT DASCH, William E., Jr., 107 Baltzell Ave., Ft. Benning, GA 31905  
GARRISON, JAMES C., 6533 Cottonwood, Shawnee, KS 66216  
HILL, Richard E., 4632 E. 14th St., Tucson, AZ 85711 (602) 325-9820  
Astronomical observer with Warner & Swasey Observatory of Case Western Reserve Univ. in Cleveland, Ohio. Specialize in Paleozoic invertebrates. Will exchange and correspond. If you're traveling this way, give me a call.  
GOLDSTEIN, Alan & Debbie, 3123 Radiance Road, Louisville, KY 40220 (502) 458-5541  
Curator of Science at Museum of History & Science. Interest in Paleozoic invertebrates in general, corals specifically. Will trade from personal collection to further my research interests.  
HYNE, Frank C., 103 Shady Knoll, Greenville, NC 27834 (919) 752-3284  
KEHR, Lewis, 5726 Ridge Road, Apt. 23, Stevensville, MI 49127  
TROIANI, Daniel M., 629 Verona Ct., Schaumburg, IL 60193  
ZIMMERMAN, Don, 2309 Oak Drive, Fairfield, IA

- - - - -

Please ADD The Following New Members to Your DIRECTORY

BRETT, KEVIN Fossil Dealer. Will Trade. Major interest Ordovician trilobites, Echinoderms. Has Ord. trilobites (Ceraurus West Hill, Ontario, CANADA M1E1L7 Isotelus).  
416-267-9627

DENIS TETREAULT Graduate Student, Collector for 19 years. Will trade only on very very rare occasions. Major interest Silurian Paleoeology; Silurian + Devonian trilobites; chelicerata (fossil + living). Wants to join MAPS to keep up with what's going on.  
11 Westdale Dr.  
Welland, Ontario  
CANADA L3C2S1  
416-732-4904

M. et Mme. A. Guichard Retired electrical engineer. Major interest trilobites. Has trilobites for trade. Membership wished on him by a friend.  
22 Rue des Graviere  
92200 Neuilly Sur Seine  
FRANCE

DIETER GEBAUER Collecting 23 years. Will trade. Major interest Jurassic fossils as well as trilobites from all over the world. Wants to know and learn more about our hobby. (Ed. comment--In your Directory. There's an error. Old member.)  
Talstr. 18  
D-7951 Kirchdorf/iller  
WEST GERMANY

H. De Wavrin Will trade. Major interest all esthetic fossils, mostly vertebrates and ammonites. Have all best fossils from Belgium, France, Spain, Europe and Morocco--trilobites, cephalopods, sea-urchins, vertebrates. Specialist of mammoth teeth.  
Av. Fond' Roy, 124  
1180 Bruxelles  
BELGIUM  
02-374-26.41

ROBERT E. BEAVER Carpenter. Will trade. Major interest interest in all fields and ages at this time. Have fossils of Central Eastern Kansas and Kansas City, MO area. Wants to increase knowledge about fossils. Also enjoy talking and writing to people who will express their ideas about collecting and preparing fossils.  
6517 W. 101st Street  
Overland Park, KS 66212  
913-649-6939



KARL & MARILEICH BEHREND  
2419 Linden Ave  
Iowa Falls, IA 50126  
515-648-4307

Elementary School Principal. No information, just want to be on mailing list.

WILLIAM J. BEIRIGER  
5222 Roxanne Ct  
Livermore, CA 94550  
415-443-5769

Sr. Research Technologist. Will not trade. Major interest trilobites. Has very little time to collect, so no trading. Joining at this time mainly for the MAPS Digest

LYLE R. BRADLEY  
15202 7th Avenue No  
Anoka, MN 55304  
612-421-1663

Science Consultant. Will trade. Major interest all science areas Has fossil fish. Involved in fossil quarry in Wyoming.

CHARLANE R. BUSSE  
4151 Windhill Drive  
Indianapolis, IN 46236  
317-897-6226

Photo Journalism Instructor.

MEG CONWAY  
RFD #1, Box 85  
Reynolds, IL 61279  
309-582-7319

Tutor/Tester. Will trade. Major interest fossils, geodes, general paleontology. I love history, especially in this form. I enjoy learning and enjoy fossils.

DAVID L. COX  
112 Wood Ct., Apt. 4  
East Peoria, IL 61611  
309-694-4901

College Zoology Professor. Interested in fossils in teaching and collecting.

JAMES A. DAVIDSON  
281 Orchard Spring Road  
Pittsburgh, PA 15220  
412-279-3382

Clerical. Will buy. Has nothing for trade.

DENNIS C. DeLAET  
P.O. Box 321  
New Meadows, ID 83654  
208-347-2507

Fossil Dealer-Geologist. Will trade. Major interest Cambrian trilobites, Eocene plants, insects & fish, Miocene plants; Pennsylvanian plants, ammonites. Has all of above except ammonites for trade. Wants to meet others interested in fossils.

CHARLES M. DEVINE  
P.O. Box 539  
Warwick, RI 02889

Letter carrier USPS. Lecturer in history, Community College of RI. Have collected fossils for 30 years Major interest is trilobites. Will trade, but don't have much except of Carboniferous plants from RI.

BEN de Wit  
1336 Hillside Drive  
Fallbrook, CA 92028  
619-723-8674

Geologist. Will trade. Major interest ammonites, trilobites, echinoids. Has fossils from Europe to trade.

ROBERT & LENORE DIETER  
R.R. #2, Box 135  
Clifton, IL 60927



MIKE HARRELL  
P.O. Box 661  
Spring, TX 77383-0661  
713-353-5068

Vice President of Minute Man Tradin' Post. Will trade Major interest Central Texas collecting. Just starting to hunt Houston, area. Has for trade Del Rio clam fossils Mosasaur bones, mammoth teeth. Very interested in fossils Is part of my business.

DONALD HARRISON  
3115 E. Osborn  
Phoenix, AZ 85016  
602-956-1167

Retired. Will trade. Major interest trilobites and shark teeth. Wants to join friends. (Ed. comment-- You have surely come to the right place. The people in this organization are simply super.)

ANDY HOWARD  
Converse College  
Spartanburg, SC 29301  
803-596-9126

College Professor. Will not trade. Major interest South Carolina fossil locations and their relationship to the geologic history of the region. I am not really into trading. My collection is primarily a reference/teaching one. Maybe someday. Wants to associate with people who have an interest in the record of life on earth.

JACK KALLMEYER  
325 Tuxworth Rd  
Centerville, OH 45459  
513-433-9786

Mfg. Engineer. Major interest invertebrates.

MONTY K. KNOTSON  
4232 B Johnson Way  
Green River, WY  
307-875-4706

Vertebrate fossils. (Monty does excellent preparation) Will trade. Major interest Vertebrate fossils of the Badlands, South Dakota and Wyoming and Cretaceous ammonites. Is joining because of fossils and fossil members.

Mr. Kelly Koza  
1404 28th St. SE  
Cedar Rapids, IA 52403  
319-363-5347

Student. Will trade. Major interest trilobites. Old member, rejoining. Welcome back.

CHRIS MADSEN  
3 Willowglen Pl  
Santa Barbara, CA 93105  
805-687-3085

Resale Fossils. Will not trade. Major interest mini-fish, Flexi (sic), amber insects, Elrathia, shark teeth, ammonites, Dendroaster gibbsii sand dollar, ferns. Wants fossil information and sources for purchase and collecting.

STEVE MCGEE  
85 N. Alicia Dr  
Memphis, TN 38112  
914-

R.N. Will trade. Major interest marine fossils. Has sponges, corals, Decatur Co. fossils of Tennessee. Wants to share collecting areas, to trade, buy and sell.

RON MJOS  
PO Box 114  
Laketown, UT 84038

Commercial Paleontologist. Will trade. Major interest vertebrate fossils and trilobites. Business name Green River Geological Laboratories.

DIANA NELSON  
4160 Forestwood Dr.  
San Jose, CA 95121

. Has a collection of invertebrates and some plant fossils. Interested in all kinds of fossils.

WILLIAM (BILL) A. PETERSON  
P.O. Box 51  
Kamas, UT 84036  
801-783-4807

Pallet Machine Operator. Will trade. Major interest all types. If I have a favorite it would be trilobites and vertebrates. No specialization for now. Usually has a few trilobites, sometimes eocrinoids also agnostids, brachiopods, clams & horned coral. I have had an interest in fossils since I was a young boy.

JAMES W. FERGUSON  
4852 Ashbrook  
Dallas, TX 75227  
214-388-0840

IBM Systems Engineer. Will trade. Major interest invertebrates. Has echinoids, ammonites for trade. Has an interest in Paleontology and Collecting. Mainly a Cretaceous invertebrate collector.

JAMES & MIRIAM GALVIN  
8923 Sycamore Dr.  
Hickory Hills, IL 60457  
312-599-8069

Major interest Devonian, Cretaceous, Oligocene fossils. Old member, rejoined. Welcome back.

JAMES & IRENE GARCEAU  
Route 3, Box 455  
Park Rapids, MN 56470  
218-732-5675

Sales. We have always been very interested in fossils and decided to become actively involved.

RONALD GARNEY  
35 Cottage St.  
Amherst, MA 01002  
413-549-1151

Teacher. Will trade. Major interest trilobites (but I tend to collect all fauna & flora from any locale.) Has Devonian material of New York and Ontario. Wants contact with other collectors in other parts of the U.S. and Canada. Also educational value.

LAWRENCE A. GILBERT  
4163-C Indian Runn Drive  
Dayton, OH 45415  
513-274-1232

Physician. Will trade. Major interest all areas of paleontology. Has late Ordovician Cincinnati fossils for trade. I have long had a great interest in Paleontology.

LINDA J. GRASSO  
297 Alturas Way  
Soquel, CA 95073

Student (Paleontology). Major interest all areas, no preference. Nothing for trade yet. Wants to be a MAPS member for the interest, love and sharing of knowledge. To learn more about paleontology and because it is my primary study (15 years now) and ongoing research.

MR. & MRS. CARL GREEN  
Rte 5, Box 293-A  
Ft. Payne, AL 35967  
215-623-3622

Physical Tester Goodyear Tire. Will trade. Major interest Pentrimites. Has fossils for trade. Wants to learn more about collecting.

FRANK A. GREENE, JR.  
190 W. 3rd St  
Coal Valley, IL 60416

Old Member, rejoined. Welcome back.

Joyce Haferman  
620 Johnson Pkwy  
Wisconsin Rapids, WI 54494  
715-423-1146

Retired Science Teacher. Will not trade. Major interest trilobites.

DON HAHN  
Rte #2, Box 119  
Jefferson City, MO 65101  
314-636-4835

Retired. Will trade. Major interest fish, leaves, trilobites. Has Midwest fossils and Wyoming fish for trade. Wants to join to learn.

BESS MANERS  
233 B. Heritage Hills  
Somers, NY 10589  
914-277-5230

Retired. Will trade. Major interest trilobites, crinoids cystoids, leaf fossils, echinoids. Has for trade Hamilton Bed material (Marcellus) and Moscow Fm of New York, well preserved smaller shark teeth (Odontaspis, etc.) from Polk City, Florida or Aurora, North Carolina.

JOSEPH W. PFEIFER  
9483 So. Mumford Drive  
Sanoy, UT 84070  
801-486-3371 (w)  
801-571-5453 (h)

Sales Manager--Electronic Dist. Will trade. Major interest Utah fossils. Mainly has minerals for trade, just starting fossils. Wants to learn more about fossils.

BARRY REMER  
11812 Breton Ct., Apt 21C  
Reston, VA 22091  
703-476-8726

Educator. Will trade. Major interest Miocene and Devonian fossils of the D.C. area. Has shark's teeth turritella, brachiopods. Wants to share information, field trip to France '88, assist in forming Jr. fossil clubs, assist members visiting D.C. area.

GREGORY A. ROBERTS  
33142 Cowan  
Westland, MI 48185  
313-425-2293

Lawyer. Will not trade at this time. Major interest general invertebrate with emphasis on midwest region. Lifelong interest in fossils, would like a more focused group than general mineral societies. Desire to enter some organizations to broaden exposure and give and receive information, education.

JOHN R. SCADIZZO, M.D.  
18630 Farragut Lane  
Los Gatos, CA 95030

Internist. I have been collecting fossils and rock formations for study. I have also published in the field of Mayan archeology.

PAUL GEORGE SCHMIDT  
P.O. Box 6650  
Rockford, IL 61125

Scavenger. Will trade. Major interest all. Have ferns for trade (Mazon Creek).

ROLLAND SMITH  
926 E. 30th, Apt 306  
Kansas City, MO 64109  
-363-6113

Warehouse manager. Will trade. Major interest fossil plants. Has compressed seeds from Winterset Limestone plus fossils from the Kansas City area--tree fossils to gastropods. Wants to join MAPS because I love collecting fossils and being a member of very interesting club. Plus to meet fossil collectors from all over.

DAVID M. TANKING  
8717 E. Mentor Rd  
Gypsum, KS 67448  
913-536-4631

Heath Torch Operator. Will not trade. Major interest Cretaceous vertebrates of the Niobrara Chalk of Western Kansas. Wants to join for contacts.

THOMAS V. TESTA  
735 N. Fifth St  
Coal City, IL 60416

LEON THEISEN  
Box 348  
Hill City, SD 57745

Fossil Preparator. Will trade. Major interest trilobites, crinoids, ammonites, vertebrates--most all fossils. Have preparation and restoration work and a good variety of quality specimens. Wants to belong for all the same reasons as fellow members.

STEVEN WAGNER  
7401 S. Interstate-35  
Oklahoma City, OK 73149  
405-632-0229

Air Force. Will trade. Major interest Paleozoic invertebrates. Has Pennsylvanian and Permian crinoids and trilobites and other invertebrates. Joined because of peer pressure. (Ed comment--Hooray for the peers, whoever you may be.)

JOHN & JUDITH WASHBURN  
107 Deer Creek Road  
Springfield, IL 62563  
2170498-7713

Geologist/writer. Will trade Major interest all fossils  
Wants to keep touch with others interested in fossils.

From GERMANY -- Please add to the Overseas List.

NORBERT VON LIPINSKI  
Kleiststr. 8  
2000 Hamburg 76  
GERMANY  
040-2006987

Chemical Technician. Will trade. Major interest ammonites, shark and all kinds of teeth, vertebrates, artifacts. Has ammonites, sea urchins, fish teeth, material of Solnhofen (Jurassic), stone age artifacts. I am interested in all kinds of fossils. I saw MAPS at Ed Lauginiger, New York.

RECOMMENDATION FROM THE NATIONAL ACADEMY OF SCIENCES REPORT ON PALEONTOLOGICAL COLLECTING

Recommendation #8. Land managers or developers who require scientific guidance on perceived paleontological problems should initially seek advice from the U.S. Geological Survey, or appropriate state geological surveys, which in turn may wish to contact appropriate paleontological organizations.

Recommendation #9. The Department of the Interior, in cooperation with professional community, should identify and evaluate potential paleontological localities of national significance (on both public and private lands) for designation as National Natural Landmarks (NNLs), pursuant to the existing National Natural Landmark Program administered by the National Park Service (36 CFR 62)

Designation of a paleontological NNL should be made by the Secretary of Interior with the advice of a National Paleontological Advisory Committee, which should include representatives of paleontology, recommended by the Paleontological Society. All such localities should remain open

for collection of fossils by the scientific community and by collectors commissioned by recognized educational and scientific institutions. All such NNLs should be limited to the smallest area necessary to achieve their intended purpose/

Any individual or group may propose a fossil locality for designation as an NNL.

Type sections of rock formations and type localities of species are working tools for field stratigraphers, sedimentologists, paleontologists, and other scientists. Type sections and type localities should not for that reason alone ordinarily be designated NNLs.

Recommendation #10. The paleontological societies of the nation should develop permanent and broadly based educational programs to inform landowners and commercial and amateur collectors of the research needs of professional paleontologists.

(Ed. comment--Love #10. How would a club/society go about it, Dr. Lane? What is needed?)

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NEXT MONTH: Tony Verdi, 1225 Ledge Rd., Hinckley, OH 44233, has started a campaign to try to persuade the Post Office to issue several fossil stamps. He has sent materials to people and clubs in seven states. A perfect use for the Paleontological Societies listed in the MEMBERSHIP DIRECTORY. Tony is asking MAPS support of this project. Sounds like fun.

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: January 1 through December 31 is \$10.00 per household.

MAPS meetings are held on the 1st Saturday of each month (2nd Saturday if inclement weather). September, October, May, June and July meetings are scheduled field trips. The August meeting is in conjunction with the Bedford, Indiana Swap. November through April meetings are scheduled for 2 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.

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Treasurer: Marvin Houg, 3330 44th St. N.E, Cedar Rapids, IA 52404  
Membership: Tom Walsh, 501 East 19th Avenue, Coal Valley, IL 61240



## CYATHOCRINITES

MID-AMERICA PALEONTOLOGY SOCIETY

Mrs. Madelynne M. Lillybeck  
MAPS DIGEST Editor  
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Dated Material - Meeting Notice



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