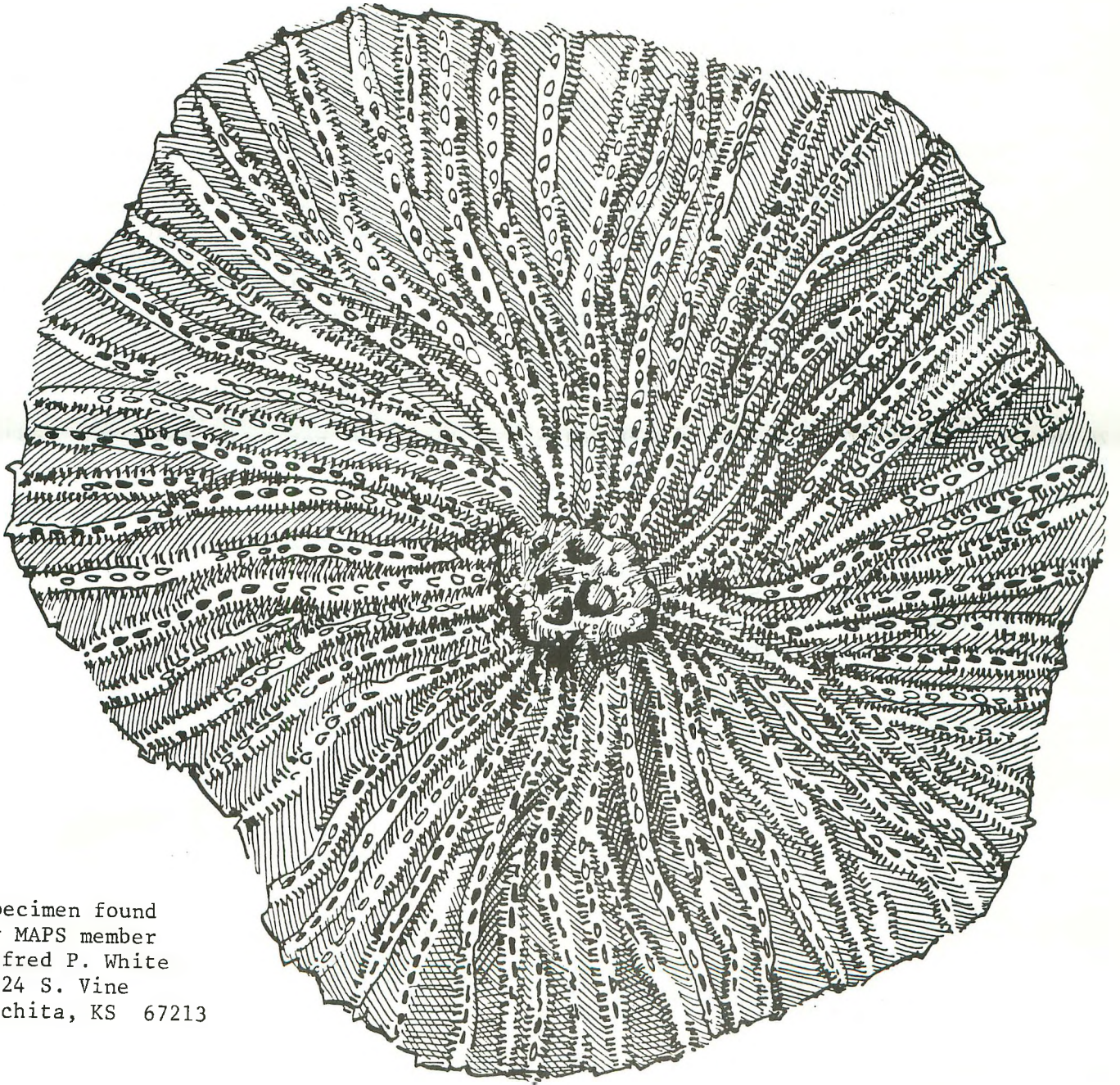


# M.A.P.S *Digest*

Volume 9 Number 7  
October, 1986

Official Publication of  
Mid-America Paleontology Society



Specimen found  
by MAPS member  
Alfred P. White  
2024 S. Vine  
Wichita, KS 67213

Cyathocrinites multibrachiatus



MARK YOUR CALENDARS

4 Oct MAPS FIELD TRIP Saturday 9:00 am  
 October 4. Meet at the Derby Station south of Cedar Rapids, Iowa. Take the Airport Exit and the station lies between Interstate 380 and Highway 218.

We will hunt at a quarry near Fairfax, Iowa, in the Cedar Valley Formation of Devonian age. Beautiful trilobites brachs, maybe blastoids and crinoids. Marv Hough will be out host. Be forewarned, Marv and Pappy have the best luck. Sharpen up your trilobite eye.

Marve says collecting at this quarry depends largely on the whim of the last blast. If hunting is not accessible because of blasting, another spot will be found for the Field Trip.

See you at the Derby Station. Bring hard hats, hammers, chisels and your own sack lunch. The weather has been great for a field trip.

24 Oct FOSSILMANIA IV Oak Dale Park, Glen  
 26 Rose, Texas. Potatoe Bust Friday, Texas BBQ Saturday, breakfast Saturday and Sunday.

The last report was 6 tables left. By now they are probably gone. You will see many old MAPS friends here and meet many new friends from Texas.

Jim Konecny is auctioneer at the hot live auction. Bring a special fossil to entice a fellow collector.

There's always lotsof activity at Fossilmania. You still have time to make plans for the last fall collecting trip before winter sets in.

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COVER: Cyathocrinites multibrachiatus is pictured in THE FOSSIL BOOK by Carroll Lane Fenton and Mildred Adams Fenton on page 138.

This genus and species is an Inadunata Crinoid and is described as, "relatively simple crinoids which include the oldest known members of the class. The plates of the calyx are firmly fastened together, the tegmen covers the mouth and lower food grooves, and interrational plates appear on only one side of the cup. The arms are uniserial or biserial and nonpinnulate or pinnulate; in most genera they are free above the radial plates. Early Ordovician to late Permian."

25 Oct Eastern Regional  
 26 Providence Rhode Island

1 Nov MAPS MEETING 2:00 Home of Bob and Marge Cooper, 5012 Pfeiffer Road, Peoria, Illinois.

Bob has had a severe leg damage because of a fall from a scaffolding. Watch the November Digest in case a change of plans becomes necessary.

If you have never visited the Cooper's Marine Museum, you have a rare treat in store. You will see your fossils in vivid color as they are today. Along with the Cooper's spectacular displays, Bob has endless information to challenge your mind. If you have never seen the marine world under microscope, you have another rare treat in store. There is a whole different world when seen through the lens of a microscope.

Try not to miss this special visit. A speedy recovery, Bob! If it turns out not to be impossible, we'll take a rain check.

21 Nov Rocky Mountain Regional  
 23 Phoenix, Arizona

1987 April 24, 25, 26 -- EXPO IX

This will be The Year of the Echinoid. Carlos Bazan and Denny Sutherland are hard at work helping to see that EXPO IX is special.

If Echinoids are your specialty and you will contribute an article, let us hear from you!

This specimen was found in a quarry known to be Ordovician. The quarry is in the Stone River Group, Lebanon Limestone, Marshall County, Tennessee.

The specimen is in limestone, lying flat with the inside up. Specimen is weathered out and is fairly clean. It measures two and a half inches (2½") in diameter.

Art work -- John Cook and Joel Ligon

Identification -- Ernest Hammons

(Editor -- If you were at EXPO VIII, you probably saw the beautiful cover specimen in Ernie Hammons case. The beauty of the specimen was eclipsed, however, by the excitement in Ernie's face when he talked about this unusual specimen.)

The Whites found the specimen the first day out on an exciting 4-day hunting expedition with Ernest and Onsbys Hammons. Knowledgeable, kind, dedicated and so very generous are the words Al White uses to describe the Hammons. One gets carried with the excitement the Hammons generate over the most common of fossils. How often have they been heard to say, there is no such thing as a common fossil. Every fossil is exciting.)

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A D V E R T I S I N G   S E C T I O N

Ads \$3.50 per inch (6 lines). Send information and checks payable to MAPS to: Mrs. Gerry Norris, 2623 - 34th Avenue Ct, Rock Island, IL 61201 Phone 309-786-6505

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- - -

We recently had the booklet of our grandfather's fossil find in Iowa titled CRINOID & STARFISH FOSSILS FROM LE GRAND, IOWA reprinted. Send your request to:

Sharolyn (Beane) Crookshank  
P. O. Box 158  
Le Grand, IA 50142

Include \$2.00 for the booklet plus a \$.50 mailing charge.

- - -

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- - -

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## MAPS SPONSORED 2 WEEK FIELD TRIP--FRANCE

Proposed to collect fossils as well as sight see -- July 87? or July 88?

Please send stamped self-addressed envelop indicating your choice of dates to: Gilbert Norris 2623 - 34th Ave Ct, Rock Island, IL 61201.

Tentative itinerary includes 2 weeks in France transportation from Paris airport and at the end of the trip back to the airport; all lodging; breakfast and dinner; (all lunches are brown bag and the responsibility of each participant).

Cost estimated \$1300 to \$1600 plus air fair. It is to be paid in German Marks at the beginning of the trip, \$200 in advance will be asked to be sent in a lump sum to reserve hotels. There will be a given meeting time at Orley (Paris) airport. Plan to book transportation directly from your own locality.

If the trip sounds like something you will become a part of, please send stamped self-addressed envelop to Gilbert Norris immediately stating your choice of year for the trip. Field Guides will be the same husband/wife team of the German trip, Andy and Gabo Richter.

( ☺ ☺ ☺ )

AN EXAMINATION OF THE SPECIES Letuscollectus fossili

by MAPS Member Clarence Schuchman  
4812 "F" Parkway  
Sacramento, California 95823

Presented at the California Federation Show in Sacramento, California, June, 1986.

How many of you are familiar with this species? I see a number of you have already caught up with me. It looks as though there is a considerable gathering of Letuscollectus fossili right here in front of me. The species Letuscollectus fossili boasts a great and distinguished tradition. I am using this term to refer to only the amateur collector of fossils.

In 1687 a young Irish doctor was appointed in London as personal physician to the Duke of Albemarle. The Duke was sent as governor to the island of Jamaica and died a year later. I have no idea whether the Duke's death had anything to do with the fact that his personal physician was an amateur collector, but Sloan's collections (mainly of plants) acquired while he was in Jamaica were so huge as to make one wonder how he could have given much time to his professional assignment.

Throughout his lifetime this man continued to make collections of his own and to acquire those of others until at the time of his death in 1753 they included 100,000 items including coins, medals, antiquities, pictures, mathematical instruments, shells, birds, bird's eggs, minerals, reptiles, mammals, and yes-- fossils. This specimen of Letuscollectus

## SPECIAL EXPO X STAMP OR CANCELLATION

Dan Chlipala, 220 So. Roselle, Apt 207, Schaumburg, Illinois 60194 -- Phone 312-351-2647, would like very much to see a special stamp or stamp cancellation at MAPS, 1988, EXPO X.

Although this is not a MAPS sponsored project, Dan is will to chair a committee to spearhead this project. If anyone in MAPS would like to be part of this campaign, please contact Dan at the above address.

Who knows, maybe a commemorative fossil stamp. Sounds interesting! Good luck, Dan!

( ☺ ☺ ☺ )

## MAPS LOSES FRIEND AND ADVISOR

Philip Marcus, former government antitrust attorney, Wheaton, Maryland, passed away in June at his home after an extended illness.

Philip wrote articles for MAPS and other fossil and mineral societies. He gave freely his legal advise.

He will be missed, but he is at peace after a long illness.

fossili, it turned out, furnished the major collection that was to become the British Museum.

In 1831 a young man signed on board a sailing ship as the naturalist for a certain voyage. When he had applied, the captain complained that he lacked professional preparation, and indeed, as far as anyone knew, he was only an amateur

collector of insects. For some reason this young man of 22 impressed the captain, and it soon appeared his judgment was well founded. Before long the ship's master was complaining that his naturalist was bringing aboard such quantities of fossils and other collectables that he "bid fair to sink the ship". This specimen of Letuscollectus fossili was, as some of you may already have guessed, none other than Charles Darwin.

You can, no doubt, furnish a list of your own to add to this distinguished company, but don't forget Thomas Jefferson.

How would you estimate the value of what the amateur collector has contributed to science over the years? Certainly a very considerable percentage of important discoveries can be credited to him. Sometimes these discoveries have come because he was knowledgeable about what he was finding, and sometimes it was because he stumbled upon something by accident and was observant and careful enough to see that it got to the right people.

Don't think this tradition is not continuing today! I am chiefly interested in cephalopods, so examples from that field come most readily to mind.

The great Japanese paleontologist Matsumoto who came here to study the ammonites of California in 1959, on retirement published in his final research paper a picture of a man by the name of Muramoto who, as an amateur collector, had collected many of the Japanese fossils Matsumoto had reported on during his career. Not only had he collected them, but he had also prepared them, and if you have ever seen some of the heteromorphs from the Upper Cretaceous of Japan you must know that this member of Letuscollectus fossili is probably the greatest preparator of ammonites in the world. In his final paper Matsumoto named a new genus of ammonites for Muramoto.

Dr. Ed Justes, of the U. C. Davis Science Library, has kindly loaned me his personal copy of this beautiful book of ammonites collected and prepared by another amateur from Japan, Nihongi Mitsotshi. It's as pretty a thing as I have ever seen. Ed came here today to watch me very carefully, with good reason, because if he gave me a chance I would probably swipe it, since there seems no other way of getting a copy. (Ed comment--last thing Clarence would really do.)

I'm sure as great, or almost as great, examples of Letuscollectus fossili can be found in other places in the world. For a while I received

a publication from Durham, England, that listed the cephalopod workers of the world. Among them was a man from one of the Soviet Block countries who proudly announced himself as an amateur collector.

Here in this country I am becoming more and more astonished at the numbers of really great amateurs there are. A recent article in MAPS Digest by one Bill Watkins of San Antonio tells of literally dozens of key specimens contributed to the research of the Crinoid Specialist, Harrell Strimple. In order to do this it became obvious as you read, that this man had to be nearly as knowledgeable as the specialist himself.

No doubt it was because of Letuscollectus fossili like Bill Watkins that the late Mr. Strimple was to fund an award for amateur contributions to paleontology to be presented at the annual meetings of the Society. The first recipient of this award was the Lloyd Gunther family of Brigham City, Utah, whose work on Utah trilobites has made them recognized authorities in their field.

Surely one of the greatest examples of Letuscollectus fossili in America has to be our own Bill Pitt of Fossils for Fun. Bill is not here today because he is out collecting somewhere between the Equator and the Arctic Circle. Come to think of it, I believe he said he was going south of the Equator this trip.

Awhile back some researchers at U.C. Berkeley made plans to study the fossils of the Galapagos. The animals of the Galapagos have been researched ad nauseum because of their historical importance, but no one has ever paid much attention to the fossils of the Galapagos. The U.C. staff got their grant and applied through the usual diplomatic channels to the government of Ecuador for permission to make the study. They received a resounding "NO!" No more U.S. expeditions permitted. Enter Bill Pitt-- Sometime earlier when Bill was collecting in Ecuador the wife of the Director of the Galapagos had become very much interested in his discoveries. Bill contacted her and soon the expedition was on its way. What the U.S. Diplomatic Corps could not achieve our amateur carried off with ease. Bill has been involved, not only in the collecting, but also in writing some of the report.

This kind of partnership in research between the professional and the amateur paleontologist seems more and more of a modern trend. Some professionals may still view the amateur as something that crawled out from under a rock, but it seems to me even I can remember when

this attitude was much more prevalent among them.

It doesn't take many instances of souvenir hunters destroying irreplaceable fossil evidence to give you a sour disposition if you are devoting your life to the study of it. But before we heap too many coals on the head of one group we can always recall the cut-throat competition among museum scientists in the first half of this century where small wars were fought and perhaps even murders committed over prize collecting areas.

All that being, hopefully, behind us, I must tell you that my personal experience covering nearly twenty years in dealing with professional people in this field has been one of great kindness and support. It represents one of the most rewarding chapters in my whole life.

Well, given the distinguished present and past of the species Letuscollectus fossili, what of the future?

As every collector today is subconsciously aware, the walls are closing in. In the early days of this country people roamed about appropriating pretty much as they wished at only a relatively minimal risk to their scalps. Many of the vast resources of the land were destroyed because they seemed of no value or of limitless extent. With the advance of settlement and succeeding population explosions things soon became immensely more complicated. Today in California, the influx of people has made the situation pretty stifling.

Over thirty years ago I picked a spot in the woods not far from Mt. Lassen to build a cabin. With the help of the now extinct rural electrification program I ran some wires out through the trees, fastened them to a limb and set up a table saw. Not long after I looked up to see two hunters with their mouths open in amazement at the sudden appearance of such evidence of civilization in the midst of their wilderness. Today this plot is bordered on one side by a motel.

Twenty years ago when I started collecting fossils in California, access had been a sticky wicket for a long time. The area I had become interested in was all private land, some large-some small ranches. The owners had been subjected to waves of uranium hunters, gold hunters, deer hunters, bird hunters, motorcyclists, dune-buggysts, and squatters rightists. It was common to have fences cut, stock and pets shot, tools and machines vandalized, fires set and fields burned by automobiles, smokers, and campers, gates left open and crops trampled. You can imagine that this situation has not improved

in the last twenty years. In fact, recently the ranchers have managed to get a highway patrol helicopter to patrol part of it.

The access problem is the key to the future of Letuscollectus fossili. It is almost as troublesome a problem for the professional. One of the outstanding paleontologists in the country recently came to California and left after a short stay at least partly because of this problem.

A recent series of articles in Dinny's Doins by Phillip Marcus, Wheaton, Maryland, verifies this impression *visa vi* the rest of the country. He lists 25 things he would like to see done in approaching the problem.

To me, the first thing our clubs are going to have to do before we can convince the land owner or the administrator of public lands (who is beset by many of these same problems) that we should gain access to fossil sites is to convince both them and ourselves that we are performing some vital service. In view of the problems outlined I don't see any other reason why we should ask to be there. Besides fossils are not in the same category with pretty baubles and souvenirs. A fossil furnishes vital information: 1) about the otherwise incomprehensible past history of the world, and 2) about the otherwise totally blank record of the development of living things. It follows, therefore, that fossil clubs should not place themselves in the same category as gatherers of pretty baubles and souvenirs.

This little review of some of the distinguished membership of Letuscollectus fossili shows that many of us are already deeply involved in performing vital service. The question is "Are our clubs in a position to send a representative to the owner or official in charge who can say to them 'Our group is involved in such-and-such fossil research. Our collections and data are available to such-and-such institutions. May we collect--etc. etc'" At present many are not.

Whether or not clubs can achieve such an arrangement with museums and research institutions might depend on a number of things including the ingenuity of the club leadership. There are several factors that favor the success of such a cooperative venture with professionals:

- 1) These institutions do not have funds to monitor numerous exposures over a long period of time.
- 2) They do not have room to store collections accumulated from such operations
- 3) They do not have the personnel to conduct these operations.

- 4) They sometimes have students who want to pursue research who could use existing collections providing they have confidence in the procedure and records.
- 5) In some cases they already must use considerable volunteer help in their work and are agreeable and practiced at helping the amateur with procedures.
- 6) They are often delighted to discover someone who has had some experience with fossil preparation.

Undoubtedly there are many things in paleontology that clubs should not attempt, but a look at this list surely indicates there are many vital services we can perform, if the membership wishes to undertake the job.

The first step would be to establish liaison between the club and the research institution to review the possibilities for these services, to inform of the club activities, and offer opportunities to review and utilize collections. Lists of potential collecting sites could be developed, as well as information as to sites discovered by members.

Club activities could be coordinated with the resulting plan. Members or groups could select sites for long-term monitoring, enabling them to become acquainted with those in charge of the property, and to set up efficient record keeping and storage facilities that could be reviewed by paleontologists.

Club field trips could take the form of planned digs with maps and charts, so that all could participate later in preparing and curating the collection during additional work sessions. For those who are ready to throw up their hands and give up on this complicated-sounding rigamarol, remember there are plenty of members who will give you a hand to whom this is "old stuff".

A common complaint of those who participate in professional digs is that no one is allowed to keep fossils. In the instance I am suggesting the paleontologists reviewing the collection probably would select certain key items for their use, but in many cases would likely be just as happy for the bulk of the collection to be stored by the club or the individuals so long as the records and the specimens were available when needed.

It is probably more rewarding to know that some key item you have collected is of use in a study collection somewhere than to see it gather dust on your shelf awaiting some use you might put it to once in a blue moon. Anyway, if you are performing a vital service in research, it might just be that because of it, you would end up with

more nice items for club displays than you ever had before. Don't forget, what we are partly trying to do is to solve the access problem for both professional and amateur.

I admit that such a proposal in the individualistic atmosphere of a gem and mineral show has all the potential of a lead balloon. These may turn out not to be practical ideas for other reasons. "Practical" never has been the term at the top of my word list. My own experience of the past twenty years just tells me that these are some things that ought to be said for the good of Letuscollectus fossili.

Other countries, many much more than we, have long ago had to deal with the spectre of "walls closing in". In England, where the earth sciences really began, a government branch has been set up to preserve the fossil resource as a national treasure. Volunteers have been used to re-expose old sites and the amateur collector figures in the over-all plan. Fortunately for them in England, they do not have to deal with the American penchant for flooding everything with dams. If they did it might turn out they had a cure for that where fossil exposures are concerned. What a relief that would be for one who has spent years battling the Corps of Engineers.

In some parts of Middle Europe I have heard that clubs form a very important part in access problems. Industry cooperates with them to a remarkable degree and expects them to control abuses.

In Japan qualified amateurs obviously have a great deal of freedom to collect as they please but just how things are handled and by whom I have not found out.

Our New Zealand member Joyce Thornton was just here a couple months ago. She is an extremely competent amateur and apparently has a great deal of freedom in collecting, though she reported that paleontologists accompanied on some of the trips and exercised some restrictions.

In Canada all fossils are property of the government. This sounds very restrictive, but I once had the privilege of conducting Dr. Jelezkey, Chief of Paleontology in Ottawa through my collecting area. He expressed amazement at the complex negotiations we had to go through to gain access to private land. Our Canadian member, Betty Speer, has carried out extensive collecting as an amateur but reports that she is restricted to plant fossils. I once talked to a Canadian dealer in fossils, who told me he had considerable freedom in collecting molluscs, but worked closely with Canadian paleontologists

(please turn to page 9)

## Please Update Your Membership Directory -

BUTCH, JOSEPH 202 North Linden St Williamsville, NY 14221-6640  
 Office: Earthworks Geotechnical, P.O. Box 595 Williamsville, NY 14221  
 FAGAN, JOHN J. c/o Leo High School 7900 S. Sangamon St Chicago, IL 60620  
 FAUROTE, JERRY & BONNIE 1389 Skyline Dr Winona, MN 55987  
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 McKINZIE, MARK 3535 N. St Charles #89, Oklahoma City, OK 73111 Ph 405-946-1565  
 McCOY, WILLIAM D. 3304 Conway Ct Louisville, KY 40299  
 MEYER, RONALD C. 2105 Goss - No 1, Boulder, CO 80302-6620  
 MUNGER, ANNE-MARIE Mountain View Park, Mobile Lot #B-86, Walnutport, PA 18088  
 OWYANG, JUDY FOSSILS/ETC 1638-A West Washington Boulevard Venice, CA 90291  
 PAULI, DAVID 2100 Sawmill Rd Bldg 103, Apt 301, Harahan, LA 70123  
 VENTO, DANIEL 28626 Spruce Dr, North Olmsted, OH 44070  
 ZARWELL, RIC 1409 Division #1, Burlington, IA 52601

AUGE, MARC, 136 Rue W. Rousseau 08500, Revin FRANCE

GONIN, PIERRE 40 Boucher, Hull (Quebec) CANADA J8Y 6G3 Ph 819-770-0568

## Please Add The Following New Members to Your Directory --WELCOME ABOARD THE GOOD SHIP MAPS!!

ROBIN C. BROWN  
 2626 Shrover Drive  
 Fort Myers, FL 33901

ROBERT W. BURMEISTER  
 1712 Coral Sands Court  
 Venice, FL 33595

DAVID CASSEL  
 1111 Brommer St.  
 Santa Cruz, CA 95062

Mason. Will trade. Major interest echinoids and plant fossils. Has a few fossil crabs, shark teeth, sand dollars whale bones for trade. Wants to meet others who love fossils and like collecting them and wants to expand collection and learn more about fossils.

CPT WILLIAM E. DASCH, JR  
 72-B Loane Loop  
 Ft. Benning, GA 31945  
 404-689-5301

US Army Officer. Will trade. Collecting 24 years. Major interest Cretaceous cephalopods, gastropods, pelecypods. Also interested in trilobites, bryozo, and vertebrates. I received a B.S. in Geology from Old Dominican University and worked as an undergraduate laboratory and research assistant for the staff paleontologist. A large portion of my off-duty reading involves paleontology and MAPS provides an excellent vehicle to pursue additional study.

DON E. ELKINS  
 4028 Thrush Dr.  
 Indianapolis, IN 46222  
 317-291-9557

Press Helper. Will trade. Major interest plant fossils, and a lot of different types of fossils. Wants to join MAPS because of interest in fossils and how old they are.



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DR. ALAN HOROWITZ  
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Indiana University  
1005 East Tenth Street  
Bloomington, IN 47405

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New Milford, NJ 02646  
201-262-2822

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206-426-0079

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326 Manor Avenue  
Cranford, NJ 07016

FRED H. LINDBERG  
5049 Alcouid Hwy  
Casper, WY 82601  
307-237-9093

GARY E. LOVESTED  
2100 - 3 St. B  
East Moline, IL 61244  
309-755-7189

JOHN D. McLEOD  
1137 N 26th  
Billings, MT 59101  
406-256-6124

JAMES LYLE  
619 - 8 Place  
Hermosa Beach, CA 90254

Old Member--welcome back. Will trade. Interested in general stratigraphic groups. For trade Pennsylvanian, Cretaceous, and Eocene of Texas. Would like to communicate with other fossil collectors.

Dr. Horowitz has written several articles for MAPS.

Teacher. Has nothing to trade now. No major interest at this time but leans to trilobites. Wants to keep abreast of any new finds or developments.

Geologist. Will trade. Major interest all types of fossils. Has Mexican fossils. . . . Wants to help further the understanding of Paleontology at all levels of education.

Teacher/Library-Media Specialist. Will trade. Major interest--I enjoy it all! Has crab nodules for trade. I have been interested in fossils since I was 10 years old. My major in college was earth science.

Psychologist. Will trade. Has White River material, Green River fish, Wyoming ammonites, Wyoming wood. Wants to learn, trade and share common interests.

Calls himself rank amateur. (We all were at one time, Gary.) He and wife used to collect at local Buffalo Quarry, has little to trade at this time. Wants to reduce outside activities and travel to learn and enjoy MAPS.

Geologist. Will not trade. Major interest arthropods, echinoderms, cephalopods. Interested in fossils all my life; would like to exhibit and sell at annual EXPO.

JEFFREY MIDDLETON  
130 Silverwood Circle  
Cincinnati, OH 45246

ED MILLER  
114 E. Logan St  
Argos, IN 46501  
- -

WILLIAM MORGAN  
113 Shavano Dr  
San Antonio, TX 78231

THOMAS E. & SUE E. PIPKA  
1095 Byron Lane Apt #3  
Elgin, IL 60123  
312-741-3246

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Omaha, NE 68106  
402-558-7378

HAZEL SCHAFFER  
1902 24th St  
Moline, IL  
309-764-6250

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Fairfax, IA 52228  
319-396-4016

LEVI STERMER  
3420 Giles  
W Des Moines, IA 50265  
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JOAN S. SULSER  
Box 212  
Montpelier, IA 52759

BILL TAYLOR  
5266 Grafton Rd #6B  
Brunswick, OH 44212  
216-273-2233

SR. JEANNE MARVE TORISKOE  
3121 E 31st  
Chicago, IL 60633

High School Art Teacher. Will trade. Major interest Brachiopods and other marine fossils. Has mostly Brachiopods and Horn Corals for trade. I love fossil collecting but I have a lot to learn. MAPS could help in that respect.

Illinois D.O.T. Soils Boring Supervisor. Will not trade at this time. Major interest invertebrates. In most rock clubs, Paleontology is extremely secondary in importance to mineral and lapidary studies. My main interest is in Fossils, and I hope to expand my knowledge through this association.

Science Teacher. Will trade. Major interest Pennsylvania. Have lots of Horn Coral & other marine invertebrates very few sharks teeth and incomplete trilobites for trade.

Retired Social Worker. Will trade. Does not have trading material right now. Wants to join MAPS for fun.

Housewife (Sharon) - Actuary (Bill). Don't have anything to trade at this time. Interested in all fossils. Likes fossils and would like to learn more about them and collect them. Interested in field trips.

Civil Engineer. Will trade. Major interest invertebrates of Iowa and Midwest states. Has local invertebrates for trade. Wishes to become a member for field trips and displays. (Also, am a full time geology student at Cornell College, Iowa.)

Engineer. Collecting 8 months. Will trade, but not much right now (I'm a Rookie). Major interest Paleozoic invertebrates. Wants to communicate with other fossil buffs and increase my knowledge of the field.

### Letuscollectus fossili concluded

who monitored his collections.

Collecting vertebrates is in nearly all cases a "bit much" for amateurs anyway, although I'm certain some of us are very well qualified to do so

STUART WHEELER  
2087 Sullivant Ave  
Columbus, OH 43223  
614-279-171

Military Pilot. Limited interest in trading. Major interest Upper Ordovician material. Has Upper Ordovician invertebrates. Have been collecting for about 30 years. Am interested in exchanging information on collecting localities, cleaning and preparation techniques, etc.

JEAN WHITELEY  
1807 West 39th St  
Austin, TX 78731  
512-452-4873  
512-836-1010

Administrative Assistant, life insurance company. Willing to trade but do not have too many "show quality" specimens available to trade--mainly Texas Cretaceous. Major area of interest ammonites, trilobites. After working with MAPS members at Fossilmania for several years, it's time I identified personally with MAPS, rather than just as an "associate" Austin Paleo member! Welcome, Jean.

MIKE WIGANT  
456 Docia St  
Hillsdale, IL 61257  
309-658-2531

Student. Will trade. Nothing to trade yet. Major interest is general. I am interested in fossils and I think I could learn a lot through MAPS.

STEPHEN & ROXAN WILSON  
P.O. Box 1308  
Arcadia, FL 33821

DR. ALBERT D. WRIGHT  
332 S. Eighth St  
Monmouth, IL 61462

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Please Add These to Your Foreign Membership -- Special Welcome to Each of You!!

GEORGE RAE  
9 Strathalmond Green  
Barnton  
Edinburgh EH4 8A6  
SCOTLAND UNITED KINGDOM

KAREN WEINHOLD  
712-78 Avenue N.W.  
Calgary, Alberta  
CANADA T2K 0S5  
-274-3576

Drilling Secretary. Will not trade, but will give away if anyone has a special request. Major area of interest is fossils in general. Wants to become a member because of interest in fossils.

( 0 0 0 )      ( 0 0 0 )      ( 0 0 0 )      ( 0 0 0 )      ( 0 0 0 )      ( 0 0 0 )

What the experience of other countries has to offer the future of amateur collecting in America remains to be seen but I'm sure it's something we should be looking into along with all these other suggestions.

If we don't, Letuscollectus fossili may become an endangered species.

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 \$7.00 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 sponsored by the Indiana Society of Paleontology, the Indiana Chapter of MAPS. November through April meetings are scheduled for 2 p.m. in the Science Building, Augustana College, Rock Island, Illinois. MAPS Annual International Fossil Exposition is held in the Spring, and a second show in the Fall, Fossilmania, is sponsored by Austin Paleontological Society, a MAPS Affiliate.

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

President: Karl Stuekerjuergen, Rt. 1, West Point, IA 52656  
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 2nd Vice President: Doug DeRosear, Box 125, Donnellson, IA 52625  
 Secretary: Jo Ann Good, 410 N.W. 3rd Street, Aledo, IL 61231  
 Treasurer: Marvin Houg, 3330 44th St., N.E., Cedar Rapids, IA 52402



## CYATHOCRINITES

### MID-AMERICA PALEONTOLOGY SOCIETY

Mrs. Madelynn M. Lillybeck  
 MAPS DIGEST Editor  
 1039 - 33rd St. Ct.  
 Moline, IL 61265

Dated Material - Meeting Notice



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