



Paleo Footnotes

Volume 12, Number 4

April 2017

President's Note

Erich Rose
PSoA President

It's auction time once again. I wish we could hold all of our meetings outdoors. While that isn't practical, we do manage to do just that once a year – AND, we make it a picnic, too. Sunday, April 23 join me and other Club members at Westcave Preserve for the annual auction and picnic. We are holding it on a Sunday this year to clear up that Saturday for those who want to join the March for Science or otherwise attend another Earth Day event.

This year, we will have some pretty cool stuff to auction off. The Crane's donated many great specimens from their collection to the Club, including some cool Tertiary vertebrate material, and we will be featuring them in the auction. And of course, we ask that you also bring an item or two worthy of being coveted by others, as well as a side dish (savory or sweet) to help us raise money for the Club. Oh, don't forget to bring cash or your check book.

The event starts at noon but I encourage you to show up early and take the 10AM tour to the Westcave Grotto to work up an appetite and get "earth" inspired. See all the details in the newsletter.

And just to make the month that more special it will finish with the annual Oklahoma Field Trip. Again see details here in, or come let Ed tell you all about it at the auction. So, take care and enjoy this spring weather with all it brings: rain, fossils and flowers.

Next Field Trip

Saturday, April 29
Ada, Oklahoma
Meet up: East Central University Campus
Corner of N. Francis Ave. and E. Main St.
Ada, Oklahoma 74820

PSoA Annual Auction

Join us for the PSoA Annual Auction and Potluck Picnic on Sunday, April 23 from 12 p.m. to 3 p.m. at Westcave Preserve. The main dish and soft drinks will be provided, just bring your favorite picnic side dish or dessert.

Please consider donating a fossil or fossil-related item for the auction, as all proceeds go toward furthering our mission of education. In addition to fossils, books, maps, tools, hand-made cards and art have been popular items in the past – consider anything on which folks might competitively bid. Remember, this is one of our two money-raising events for the year, and it often makes up a substantial portion of the next year's budget. You'll need cash or a check to pay for your goodies, so plan accordingly.

Come early or stay after the auction to take a guided tour of Westcave Preserve at 10 a.m. or 4 p.m. Tour rates are \$15 per adult, \$7 per child (4–17 years) or \$25 per family. Westcave Preserve is located on Hamilton Pool Road in western Travis County. From Austin, travel west on Highway 71 and turn left at Ranch Road 3238 (Hamilton Pool Road). Westcave Preserve is the first gate on your right after crossing the Pedernales River.

See the end of the Newsletter for a list of volumes from the *Treatise on Invertebrate Paleontology* that will be available at the auction. There will also be a block of matrix available similar to blocks in which Club Member Mike Smith found these Oreodont remains.



Next Meeting & Auction

Sunday, April 23 – 12 p.m.
Westcave Preserve
24814 Hamilton Pool Road
Round Mountain, Texas 78663

Upcoming Field Trip

Two days in Oklahoma.

Ed Elliott
PSoA Field Trip Chair

The Club's next field trip will be to Ada, OK for some Devonian, Silurian and Ordovician collecting. We'll meet on the East Central University Campus on the corner of E. Main St. and N. Francis Ave. near the petrified Callixylon tree at 8 a.m. Saturday, April 29. Park near Francis Ave. and East 12th St.

This is a two-day trip and we will visit numerous sites. Facilities will be scarce, so be prepared. Bring at least a gallon of water a day for each person, food, hats, long-sleeve shirts, sunblock, knee-pads, etc. Bug spray is also recommended for chiggers and ticks. Some of the locations will require a short hike. Depending on the site, you may need a hammer and chisel. Bring lots of containers, zipper bags, soda flats, newspaper, etc. and something to label your finds.

Ada is a college town with a number of motels and restaurants. We usually gather for a group dinner on Saturday night. More information will be provided at the auction, but call me at 512.657.7581 (during the evening) if you need more details.



An example of the terrain the Club will be visiting.

Field Trip Report

Ed Elliott
PSoA Field Trip Chair

It was a beautiful East Texas spring day, and meeting with me on University Dr. were Paul Hammerschmidt, Linda McCall, Lynn Moore, Ron DiPronio, Mike and Sharon Riley, Cathy and Gary Rylander, Dave Hoppes, Ann Skowronski and Vlad Medrano, Melinda and Frederick Falk. After a caravan to San Augustine, we stopped at Mike's quarry. This, and all of our stops, are Weches Formation, which is Middle Claiborne Group, Eocene. This is Lutetian Stage and approximately 45mybp. The quarry, like most of our E. Texas spots, is getting overgrown. Less and less area to hunt. It still treated us well this time. Quite a few sand dollars and BB's (*Fibularia texana*) were found, as well as oysters, scallops, gastropods and pinna. The best find of the trip was found by Sharon. We started off calling it a shrimp, but its size makes it a lobster tail. Very cool. After a few hours, we went on to our working quarry to hunt the spoils piles. A good variety of corals, gastropods, bivalves, bryozoans, shrimp claws, small sand dollars and some small crab carapaces. Dave found a large crab carapace with one arm. Pretty nice. Late in the afternoon, Melinda took us to a small private quarry belonging to a neighbor of her parents. The *Fibularia* were there as well as gastropods, bivalves and some small crab carapaces. Small sand dollars were found, but most of the larger ones were broken. It was fun, and we stayed almost until dark.



Crab carapace with arm

On Sunday, the six of us that were there weighed our options and decided to go back to the big quarry. We went a little farther into the quarry for some different spoils piles. We were hoping for nice crabs and echinoids. The gastropod selection was really good – the bivalves were the same as the previous day. I found a few complete scaphopods (usually broken) and a large number of corals. Linda found a nice small heart urchin (*Maretia argutus*), the one I found was in sad shape. Just before she left, she found a beautiful small gastropod that I've never seen before, very much like a Murix. By 4 p.m., we had all left for the journey home. Another beautiful weekend in the East Texas pine country. It was a great trip, and I can't wait to go back. Possibly another new quarry next year. The next one will be in Oklahoma, but the auction comes first. Bring some food and your check book and have some fun. See you there.

Meeting Minutes

Dale Vargo

March 21, 2017 – Austin Gem and Mineral Society Building

This meeting has had a delayed start due to technical issues in getting tonight's DVD to play its sound. So Erich called this meeting to order and requested a motion to approve the February meeting minutes as reported. Then Gary called to our attention that in the published minutes, our upcoming Auction's date was incorrect, so Erich corrected the date to us, noting that our Auction is being held on Sunday, April 23 this year. Erich emphasized that our Auction is on Sunday this year instead of Saturday because we changed the day to not conflict with Earth Day celebrations this year. We approved the meeting minutes as corrected. Mike gave the Treasurer's report and stated that we also have some new membership dues to add to the total. Erich briefed us on the recent show Committee meeting having been held, and announced the theme for this year's show is "Dinosaurs". Mike noted that some of Joan and Frank Crane's fossil collection will be donated as items to bid on at our Auction, freeing up some space in his garage. Frederick said that some of the Cranes' books will be auction items too, and Mike detailed the procedure for bidding on those books. Kathleen announced the speaker for the upcoming AGMS meeting will be Linda McCall, detailing a new book about Texas geology being published. Ron stated that his wife will be needing us to do our fossil outreach for her event soon and will announce details to us. Ed detailed our upcoming two-day field trip to East Texas, meeting in Nacogdoches Saturday morning, searching for marine fossils, sand dollars and echinoids in a quarry, being a good opportunity to collect in a different area. The trip's agenda details will be in the newsletter. Erich stated that our April meeting takes place as our Annual Auction at West Cave Preserve, and feel free to come early for a tour of the Preserve. He said bring something fossil-related that you think someone will want to bid on. This will also be a pot luck luncheon with the club providing meat and beverages, and with us bringing our other favorite foods to complete the spread. There will be no regular third Tuesday meeting in April. Ed announced that April's field trip is the following weekend after the Auction and will be in Oklahoma's Arbuckle region, very old fossil strata. Door prizes were won by Frederick, Vlad, Rose, Sunny, and Gunther. John mentioned that Ron has found another good fossil collecting site near him in the Lake Valley area. New members and guests tonight are Jose, Philip, and Travis. We then took our refreshment break. We returned from the break and were prepared to watch an interesting video, "Dinosaurs Unearthed" about the discovery of a "Dino Deathtrap". But the sound playback glitch persisted and we were unable to watch the complete video. So we adjourned and visited with each other and cleaned up and departed.

The purpose of the **Paleontological Society of Austin**, a 501(c)(3) non-profit organization, is the scientific education of the public, the study and preservation of fossils and the fossil record, and assistance to individual, groups and institutions interested in various aspects of paleontology. Meetings of the **Paleontological Society of Austin** are held on the third Tuesday of each month at 7:00 p.m. in the Austin Gem and Mineral Society building located at 6719 Burnet Ln. in Austin, Texas. The public is welcome to attend. Visit austinpaleo.org for more information.

Annual Dues: \$18/individual, \$24/family and \$12/associate (non-voting, receiving newsletter) Send to: Treasurer, Paleontological Society of Austin, P.O. Box 90791, Austin, TX 78749-0791.

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PALEONTOLOGICAL SOCIETY OF AUSTIN

We will have a number of volumes from the Treatise on Invertebrate Paleontology available for bid at the auction in April. Specifically those with 'Yes' in the first column.

Members may want to check their libraries and see what holes they need to fill.

I have pulled data on the volume status (some have been superceded by newer editions, though they are still useful) and prices. Based on this I am suggesting a minimum bid.

Auction		Title	Date	Status	Book Price	CD Price	Minimum Bid
Item	Part						
Yes	Part F, Coelenterata	Coelenterata	1956	Superceded		30	5
Yes	Part F, Coelenterata, Supplement 1, vol. 1 & 2	Rugosa and Tabulata	1981	In Print	60	60	10
	Part F, (Revised) , vol. 3	Cnidaria (Scleractinia)		In Preparation			
Yes	Part G, Bryozoa, Part G	Bryozoa	1953	Superceded		30	5
	Part G, (Revised) Bryozoa, vol. 1	Introduction, Order Cystoporata, Order Cryptostomata	1983	In Print	60	60	
	Part G, (Revised) Bryozoa, vol. 2	Fenestrata and Trepostomata		In Preparation			
	Part G, (Revised) Bryozoa, vol. 3	Cheilostomata		In Preparation			
Yes (v1)	Part H, Brachiopoda, vol. 1 & 2	Brachiopoda	1965	Superceded		30	5
	Part H, (Revised) Brachiopoda, vol. 1	Brachiopoda (Introduction)	1997	In Print	100	100	
	Part H, (Revised) Brachiopoda, vol. 2 & 3	Linguliformea, Craniiformea, and Rhynchonelliformea (part)	2000	In Print	120	120	
Yes	Part H, (Revised) Brachiopoda, vol. 4	Rhynchonelliformea (part)	2002	In Print	120	120	10
	Part H, (Revised) Brachiopoda, vol. 5	Rhynchonelliformea (last part)	2006	In Print	100	100	
	Part H, (Revised) Brachiopoda, vol. 6	Supplement	2007	In Print	150	150	
	Part H, (Revised) Brachiopoda Comp. Series, vol. 1-6		1997-2007	In Print	500	500	
Yes	Part O, Arthropoda 1	Arthropoda General Features, Protarthropoda, Euarthropoda General Feat	1959	Superceded		30	5
	Part O, (Revised) Arthropoda 1, vol. 1	Trilobita: Introduction, Order Agnostida, Order Redlichiida	1997	In Print	75	75	
	Part O, (Revised) Arthropoda 1, vol. 2 and 3	Trilobita		In Preparation			
Yes	Part P, Arthropoda 2	Chelicerata with sections on Pycnogonida and Palaeoisopus	1956	In Print	35	35	5
	Part P, (Revised) Arthropoda 2	Chelicerata		In Preparation			
Yes	Part Q, Arthropoda 3	Crustacea, Ostracoda	1961	In Print	60	60	10
	Part Q, (Revised) Arthropoda 3	Ostracoda		In Preparation			
Yes	Part W, Miscellanea	Conodonts, Conoidal Shells of uncertain affinities, Worms, Trace Fossils an	1962	In Print	35	35	5
Yes	Part W, (Revised and Enlarged) Miscellanea, Supplement 1	Trace Fossils and Problematica	1975	Out of Print		35	5
	Part W, Miscellanea, Supplement 2	Conodonts	1981	In Print	35	35	
	Part W, (Revised) Miscellanea	Trace Fossils		In Preparation			

Prices for books and CDs are from:

<http://129.237.145.244:591/FMPro?-db=treatise&-lay=Table&-format=treatise/treatise.html&-view>

Or, search for the following string.

University of Kansas - The Paleontological Institute - Treatise on Invertebrate Paleontology