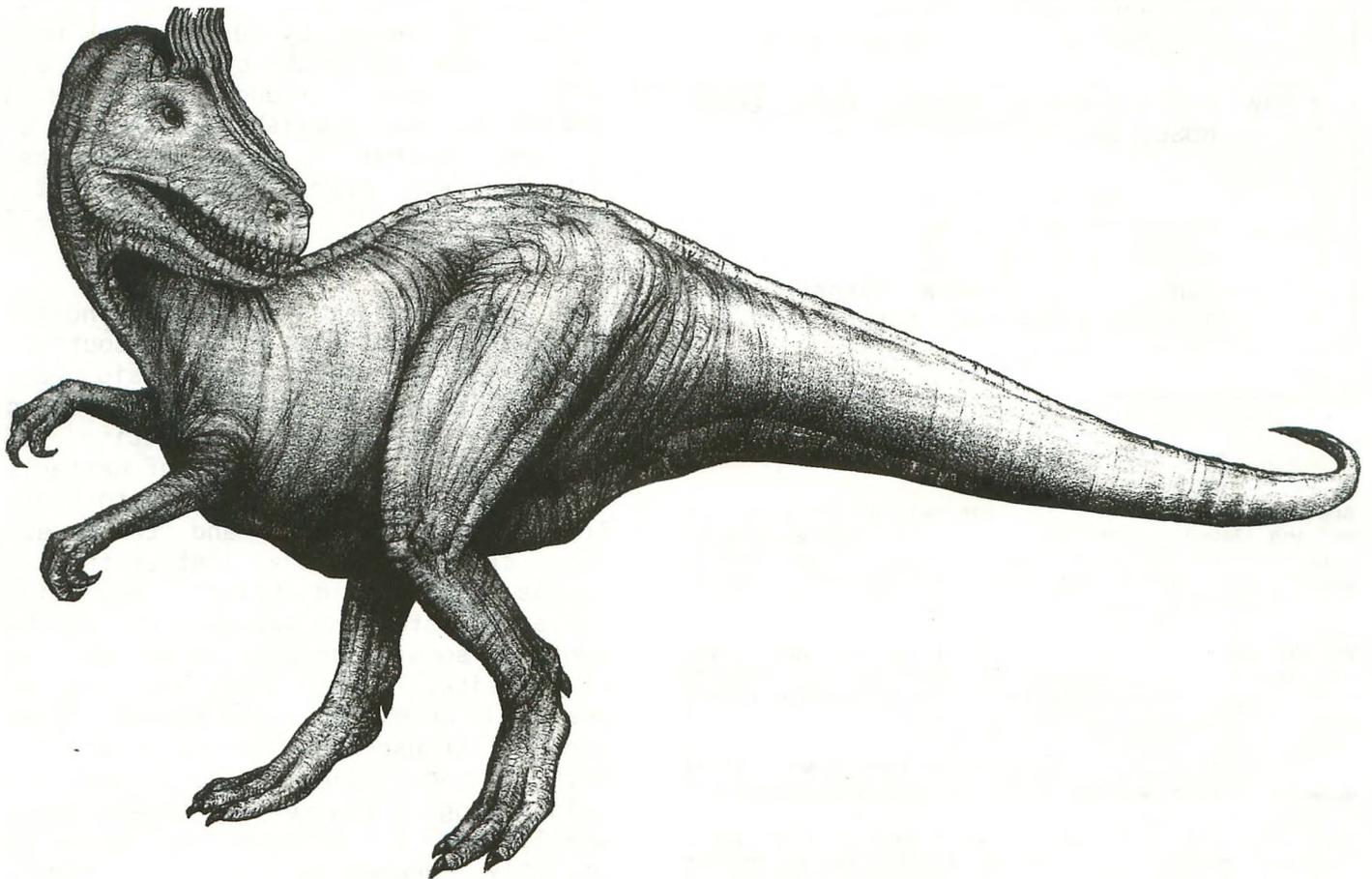


M.A.P.S. *Digest*

Official Publication of
Mid-America Paleontology Society

Volume 17 Number 6
Summer, 1994



INTRODUCING ...

Cryolophosaurus Elliotti (frozen crested reptile)

MARK YOUR CALENDARS

1 OCT MAPS MEETING; Fryxell Museum,
Augustana College, Rock Island,
IL.

1:00 Board & General Meeting
combined.

2:00 Program by Gil Norris on his
fossil trip to China with a
museum group. Lots of
dinosaurs were seen.

**7 APR 1995 MAPS NATIONAL FOSSIL
8 EXPOSITION XVII—CRINOIDS
9**

Fri., Apr. 7: 8am - 6pm
Sat., Apr. 8: 8am - 5pm
Sun., Apr. 9: 8am - 3pm

**PLEASE NOTE: THE DATES ARE INCORRECT IN
THE 1994 DIRECTORY**

**22 OCT 11TH ANNUAL BVFS FLORIDA FOSSIL
23 FAIR—YEAR OF THE REPTILES**
Lake Mirror Center, Lake Mirror
Drive, 800 East Main Street,
Lakeland, Florida

Sat., Oct. 22: 9-7
Sun., Oct. 23: 9-5
Contact: 813-665-3426
407-282-5676, or 813-644-2486

**4 NOV FOSSILMANIA X, OAKDALE PARK, GLEN
5 ROSE, TX
6**

Fri.--10 am to 6 pm
Sat.-- 9 am to 6 pm
Sun.-- 9 am to 2 pm
Contact: William W. Morgan, 113
Shavano Drive, San Antonio, TX
78231

ABOUT THE COVER

*sources: Augustana College Magazine,
Rock Island, Illinois, Summer, 1994,
Dr. Ann Boaden, ed.;*
*Chicago Tribune, July 26, 1994
(Illustration from Augustana College Mag.)*

This month's cover is an illustration by Andrew Starenko of a new genus and species of crested theropod dinosaur from Antarctica, discovered by Dr. William Hammer in 1991. The research on the first dinosaur fossils ever found in continental Antarctica was published in the May 6 issue of the journal *Science*. Hammer has named his dinosaur *Cryolophosaurus ellioti* (KRI-UH-LOH-FUH-SOR-US EHL-EE-UHT-I)--"frozen crested reptile."

The fossilized remains of the dinosaur were discovered 400 miles from the South Pole in a 200-million-year-old Jurassic -age clay and volcanic ash riverbank turned to rock at the 12,500-foot elevation of Mt. Kirkpatrick. The purpose of Hammer's 1991 expedition to Antarctica was to search for Triassic-age fossils, and the crew were just crating up the last of their discoveries when David Elliot, an Ohio State volcanologist, who was working near Hammer, spotted some exposed bones and notified him of the site. Hammer and his crew of five excavated more than 5,000 pounds of rock and had it transported to Augustana College, Rock Island, Illinois, where Hammer teaches paleontology classes. (The school is small, has no paleontology major and is strictly undergraduate, but Hammer has remained there despite his reknown because he enjoys teaching under-graduates.)

Bill Hickerson, a 1988 graduate of Augustana and current doctoral student at the University of Iowa, has assisted in preparing the specimen, which consists of more than half a complete skeleton of the 25-

*** 94/09 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--94/09 means 1994/Sept. 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. (Please send a check drawn on a United States bank in US funds, US currency, a money order, or a check drawn on an International bank in your currency.) Library/Institution fee is \$25.

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

FROM THE EDITOR

We hope that members have been able to take advantage of pleasant summer weather to do some collecting. As we look toward fall we hope that those of you who have some expertise in the study of crinoids, the theme of this year's EXPO, will take time to contribute an article for the EXPO edition. Send those articles to Maggie Kahrs, the EXPO Digest editor.

DUES TO RISE IN JANUARY

At the 1994 MAPS EXPO, after some discussion of the budget and rising costs, the motion was passed to raise dues to \$20 per year, effective January 1, 1995. The EXPO *Digest* and *Directory* are major expenses and cost more as they get bigger and better. Also postage is expected to rise again. Those in attendance felt that MAPS provides members with a lot for the money.

ABOUT THE COVER, CONTINUED

foot-long meat-eating hunter. The specimen eventually will be donated to the Field Museum of Natural History in Chicago for permanent display.

During preparation of the specimen some bones of another big dinosaur, a 25-foot-long plant-eating prosauropod, were found in the throat of the crylophosaurus. Because of this find Hammer believes the hunter choked to death while eating the other dinosaur. The bones of the meat-eater were scattered along the ancient riverbank, suggesting that the dinosaur was pulled apart by scavengers shortly after it died. A few teeth with serrated edges, evidence of scavengers, were found with the dinosaur.

Hammer has received a \$260,000 grant from the National Science Foundation for another trip to Antarctica in 1995-96.

Most MAPS meetings are held at Augustana, and those of us who attend have been privileged to hear presentations on this dinosaur by both Hammer and Hickerson and to view the bones in the converted stable where they are being prepared.

RICHARD TREXLER, NOTED AMBER DEALER,
DIES IN PURSUIT OF THE GOLDEN GEM

by Jon Kramer

Richard was a self-proclaimed "Beach Bum." An expatriate American, he left New York City in the 1960's, abandoning a thriving retail business to--as he often said--"live a simpler life on the beach." He landed first in Puerto Rico doing odd jobs for a while, eventually deciding it was "too American" for him. The allure of distant islands in the West Indies called him, but Richard never got that far. His final home was Puerto Plata, Dominican Republic, a harbor town whose most notable attraction was two shipwrecks, one on top of the other. He even built a house constructed entirely of debris washed ashore on the nearby beaches.

Richard was addicted to only one thing--reading. He consumed massive amounts of books. He traveled regularly to Miami to stock up on cheap novels. Eventually he had so many books that he opened a sort of used book store in the front of his shack. For \$.25 you could rent any book for a week. My introduction to Richard was Jurassic Park--at that time just published--which I had read during my flight to the D. R. He read it that very afternoon and we became instant friends.

Soon thereafter Richard got heavy into the amber business, doing shows across the US (he did the MAPS EXPO in 1992). As his business grew, he traveled to central America, collecting at various other amber locales and supplying a broad base of material to wholesale and retail clients across the States. His ads were regularly in MAPS Digest.

Sadly, while traveling in the mountains of Costa Rica last fall, Richard developed pneumonia and died shortly thereafter in Miami. Richard Trexler lived on his own terms--reading books by the sea and searching the wilds for amber. He died his own way as well--out with the tide, next to the beach.

MORPHOLOGY AND ATTACHMENT SCARS OF THE RUGOSE CORAL *BORDENIA KNAPPI* (HALL)

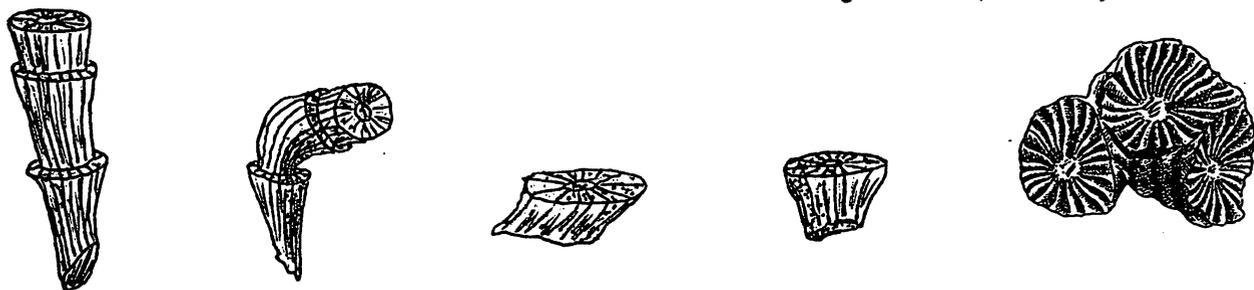
by Alan Goldstein, Falls of the Ohio State Park, 201 W. Riverside Dr., Clarksville, IN 47129

The Middle Devonian Speeds Limestone Member of the North Vernon Limestone (Formation) outcrops in southern Indiana (Becker, 1974). It is part of the Hamilton Group, Givetian age. The Speeds is 4-5 feet thick in southern Indiana, but pinches out before reaching the Ohio River (Conkin & Conkin, 1976). There are numerous exposures, among the best is at the Essroc Cement Company quarry at Speeds, Clark County, Indiana (the type locality for the Speeds Limestone).

The fauna of the Speeds Limestone has not been described in detail, but is dominated by bryozoans and brachiopods. There are two rugose corals that serve as index fossils: *Hadrophyllum orbigny* Edwards & Haime a "button" coral and *Bordenia knappi* (Hall).

The genus *Bordenia* is represented by two species (Greene, 1898-1904), *B. zaphrentiformis* Greene, is a younger species found in the Middle Mississippian Salem Limestone. Neither *Bordenia* species is particularly common. The writer is unfamiliar with any other occurrence of this genus.

A large occurrence of *Bordenia Knappi* (Hall) was discovered near Sellersburg, Clark Co., Indiana. A 200 square foot area contained nearly 100 individual specimens. They contain a variety of attachment scars and an array of shapes, unlike most rugose coral species. Greene (see fig. 1e.) illustrates specimens showing budding and clusters of up to three corallites. This writing has not found similar examples.



Morphology of Corals

The most common form of *B. knappi*(Hall) is cylindrical (fig. 1a). Many specimens show kinks and bends characteristic of scolecoïd (worm-like) forms (fig. 1b). Less common (though not rare) are the patelloïd (slipper-shaped) and low conical forms (fig. 1c & 1d). A "colonial" form (fig. 1e) is from Greene (1898-1904).

Individual corals show flaring and constriction of the calyx (fig. 1a), that may be related to cyclical growth followed by a period of quiescence. The scolecoïd forms may be related to continual reorientation in order to face into the prevailing current. Some show two conspicuous changes in calyx direction (often in opposite directions).

The calyx of this coral shows a feature resembling aulos in *Eridophyllum* (fig. 2).

The diameter of corallites varies from 5 to 25 mm. Lengths vary from less than 10 to more than 35 mm. The calyx depth varies, but Greene reports specimens as deep as 10 mm. The writer found 3-7 mm. to be average.

Attachment Scar

A high percentage of *B. knappi* (Hall) specimens show an attachment scar. An examination indicates these corals were attached to a solid substrate, including fenestrate bryozoans, brachiopods, other corals, perhaps gastropods, and a variety of unknown objects. Some appear to have survived resting in a soft muddy substrate.

Figure 1 a. b. c. d. e.

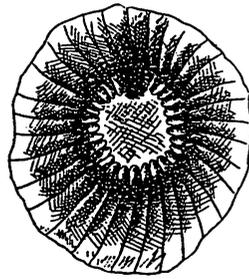


Figure 2

References

Becker, L.E., 1974: Silurian and Devonian rocks in Indiana southwest of the Cincinnati arch: Bulletin 50, Indiana Dept. of Nat. Res., Geological Survey, 83 pp.
 Conkin, J.E. & Conkin, B.M., 1976: Guide to the rocks and fossils of Jefferson County, Kentucky, southern Indiana, and adjacent areas (2nd edition): University of Louisville
 Reproduction Services, 239 pp.
 Greene, G.K., 1898-1904: Contribution to Indiana Palaeontology: Ewing & Zeller, New Albany, Ind., v. 1 pt. 1-20, 204 pp., 60 pls.

**HOW GEOLOGIC TIME PERIODS
 GOT THOSE CRAZY NAMES**

from Rocket City Rocks and Gems, GEM-N-I,
 the Conglomerate 1-93, via SCRIBE,
 Apr/May 93, via PALEO NEWSLETTER Oct 93,
 Jean Wallace, ed.

The three geologic eras are the **Paleozoic**, **Mesozoic** and **Cenozoic**, from the Greek for ancient, middle and recent life. They are divided into 11 periods, most of them names for places where rocks from the period were first discovered.

The **Cambrian Period** (570 to 500 million years ago) is named for Cambrian (or Wales). The next two periods also have Welsh names: **Ordovician** and **Silurian** for two Welsh tribes, the Ordovicians and the Silurians.

The **Devonian** is named for Devonshire, and **Cretaceous** comes from "creta," Latin for chalk. Creta refers to the white cliffs of Dover.

The **Jurassic** is named for the Jura Mountains in Germany, and the **Permian** for Perm in Russia's Ural Mountains.

The **Triassic** got its name because it was easily divisible into three parts. And the **Carboniferous** is named for carbon, because most coal deposits date to that period.

The most recent periods are **Tertiary** and **Quaternary**, named for types of rocks dated to those times. They are divided into

epochs, the names of which all end in "cene," a Greek root meaning recent.

Pleistocene is from the Greek for most recent. Preceding it are the **Pliocene**, **Miocene**, **Oligocene**, **Eocene** and **Paleocene**, for the most recent, less recent, little recent, early recent and older recent.

T-REX FOUND IN CANADA
 source: Nelson, Craig (Los Angeles Times).
 Scientists' find is dino-mite:
 Detroit News, Jun 29, 1994,
 sent by: Joanne Rice

John Storer, curator of earth sciences at the Royal Saskatchewan Museum in Regina, announced the discovery of what is believed to be an intact skeleton of a Tyrannosaurus rex.

Found in a hillside in southwestern Saskatchewan in 1991, paleontologists have so far excavated part of the upper jaw, several vertebrae, a leg and some teeth. Since the scientists have found bones from various parts of the animal as well as portions that are often destroyed by erosion, they are increasingly confident that the skeleton is complete.

The size of the parts, including six-inch teeth, leads researchers to believe that this T-rex was bigger than usual, standing more than 18 feet tall, measuring about 50

feet long and weighing about six tons. The 65-million-year-old beast was apparently ripped apart by scavengers, since the bones were found piled together haphazardly.

The specimen will be taken to the Royal Saskatchewan Museum for study and reconstruction.

**AN UPDATE ON SUE
AND THE BLACK HILLS INSTITUTE
OF GEOLOGICAL RESEARCH, INC.**

Most of you know about the T-rex named Sue. Sue was discovered and excavated by individuals from the Black Hills Institute of Geological Research (BHIGR), was in the process of being prepared and was donated to the Black Hills Museum of Natural History, the BHIGR's not-for-profit museum. Then after nearly two years and an expenditure of more than \$200,000 by the Institute, the US government stepped in and seized the dinosaur, asking for ownership of Sue using Antiquities Act or, alternatively, the Government's position of fee holder (based on the landowner's land being "in trust" with the government--a fact unknown to the Institute until months after Sue's excavation).

Since May 1992 the BHIGR has been in litigation with the Government in an attempt to regain Sue. During that time the Government has seized original field notes, maps, photographs, negatives, slides, video tapes and additional fossils, and has extended its investigation worldwide in its efforts to convict the defendants of range of charges that extend way beyond stealing Sue.

A 39-count indictment was handed down in November 1993 and the case is expected to go to trial this November. The accused scientists have already spent more than \$300,000 on their suit and are now facing hundreds of years' imprisonment and millions of dollars in fines. The expected cost of the defense is over one million dollars.

Ric and Betty Zarwell, Lansing, Iowa, sent the following appeals and Timeline. They encourage you to read them carefully and support the FOSSIL FREEDOM FUND. They believe that they "and others who cherish their right to collect fossils have a great deal to lose if we do too little--or do nothing at all."

Fossil Friends Foundation

Jurassic Park sparked dinosaur enthusiasm in adults, causing them to gain ground on the real dinosaur experts--their children. Unfortunately, even this renewed interest in ancient life is not enough to educate most about the present crisis in the fossil profession. Real-life paleontologists in Hill City, South Dakota, have been forced to spend their time and energy in the courtroom instead of in the field and in the lab.

The Black Hills Institute of Geological Research, Inc., is the most widely known and well-respected private earth science preparatory in the world. They have donated thousands of fossils to such noted museums as the Smithsonian, the Carnegie Museum and Houston Museum of Natural Science, helped educate school children, renewed interest in paleontology, and have spoken out for and supported amateur "rock hounding" for years. Museums in many countries display institute fossils, including dinosaurs, and the Institute takes pride in educating children from all cultures in the history of past life. But this small family business, started 20 years ago, is under attack.

You may know Sue, the most perfect *Tyrannosaurus rex* in the world, who was seized as part of a politically-motivated investigation into the Institute. After 20 months--regardless of the court's decision that the Institute broke no laws regarding this find--Sue is still held hostage. The Institute owners and one employee have been charged with felonies, and the company just barely hangs on, emotionally and financially. Their fight has changed from reclaiming their prize to preserving their freedom. They are innocent.

As the wives, children and friends of Pete Larson, Neal Larson, Robert Farrar and Terry Wentz, we ask for your help. If not

fought, the charges brought against these men and the Black Hills Institute will have an adverse impact on every person, every business, **every 4-H club member and every grade school student who collects, studies or simply enjoys fossils.**

This case is also an important test of whether our government can be held accountable for violating our *constitutionally guaranteed rights* to be free from unreasonable search and seizure and to due process of law before being deprived of our life, liberty, and property. These rights have been consistently violated by agents of our government throughout their investigation of Black Hills Institute.

legal expenses already exceed a third of a million dollars. Now, the cost of defending themselves at trial will be at least another **one million dollars!** If these men are unable to pay the costs of defending themselves, *our government will win by default.*

We ask you to **give generously to this fund!** Please help us withstand this assault. *The rights we are defending are also yours!*

**PLEASE SEND DONATIONS TO:
FOSSIL FREEDOM FUND**

c/o LaFleur Law Offices
P.O. Box 8147 · Rapid City, SD 57709 USA
605-343-4322

**Black Hills Institute
and**

The Fossil Friends Foundation
by The Fossil Friends Foundation
P.O. Box 1037, Hill City, SD 57745

They are a small business, started by paleontologist Peter Larson, who first picked up history at the age of four. 1994 marks their twentieth year in the rocky business of discovering, excavating, preparing, mounting, displaying, and donating--or selling-- fossils.

Their works are presently viewed in museums worldwide, including the Smithsonian,

Field, Carnegie, and New York's American Museum of Natural History, as well as the national museums of Germany, Japan, the Netherlands, Peru, and Wales, among many other institutions. Museums often do not have sufficient resources to hunt and capture their own specimens, and they turn to this premier laboratory for what experts call the cream of the crop.

The Black Hills Institute of Geological Research was started by men who believed in the dream of their own world-class museum, funded by their own efforts, without help or dictates from government grants. To finance their collections and scientific research, they earned a hard-won reputation through marketing quality specimens to worldwide institutions. Their specimens are collected with permission from private landowners, or are dug from land the Institute rents. Numerous experts call their work the best in the business.

However, the Institute, while used to battling the powerful effects of Mother Nature, is now facing its most daunting and unlikely adversary--the United States government.

It appears that the South Dakota US Attorney's office believes that this mom-and-pop company, a vertebra in the backbone of American private enterprise, is somehow a criminal operation! To attempt to prove it, they seized the world's best fossil ever, claiming it was stolen. The *Tyrannosaurus rex* named "Sue" became the subject of gigantic headlines--and a brave civil suit initiated by the Institute for the return of its property.

Countless citizens have remarked that those who have just stolen something do not share it with experts across the globe, publicize its discovery and subsequent donation to a not-for-profit museum, or sue the government to get it back. They know that after two years of work, which cost Larson's company more than \$200,000, "Sue" was just emerging from the rock encasing her--and she was the paleontological discovery of the century. She is now locked in storage.

a Circuit Court of Appeals finally ruled, after almost two years of dispute, that the

Institute had committed no crimes in obtaining "Sue." However, the dinosaur was not returned to its purchasers--and saviors. The company will not give up trying to rescue "Sue," but their problems are now even more monstrous.

While laws are vague regarding fossil collection, the government's approach has been anything but. Government agents are bent on destroying this small business and its credibility, and sending its members to prison. A 39-count federal indictment was delivered in November of 1993. These scientists will go to trial in late 1994, facing hundreds of years' imprisonment and millions of dollars in fines.

Secure in their innocence, Institute personnel have spent all their emotional and financial resources on their legal cases--against staggering odds. In all of the proceedings thus far, the Institute's motions were denied, while each government motion was granted. Government agents went to Peru and Japan in an attempt to interrogate Institute customers--who had already, voluntarily, provided all pertinent documentation of their dealings with the company. Even before indictments were brought, government-created documents were illegally distributed overseas by agents proclaiming that Institute members were definitely guilty of crimes. Since then, the last straw has been the government's attempt to remove Larson's outspoken lawyer from the case.

The most basic facet of the case is perhaps its most disturbing. The government already has spent a reported \$4.5 million in taxpayer money to create a web of conspiracy that simply did not exist. The Institute has spent more than \$300,000 on their suit and defense so far, with money collected through selling dinosaurs and other fossils, including pieces slated for display in their museum. They have rebounded from near-bankruptcy through timely purchases by an American museum, but are now, again, overdrawn in six figures.

The Institute cannot make a dent in the total they need, even if they were to sell every fossil in their inventory, because the projected cost of defending their personnel is over one million dollars.

We started the Fossil Friends Foundation to raise money for the defense of these individuals. Please respond to us, ask any questions you like, come to visit or set a date for us to visit you. Become a member of our family, like hundreds of volunteers, school children, ranchers, and university researchers already have. Once you meet the Larsons and their brood, you will always be welcome.

You will rediscover the kind of people you thought were extinct.

Thank you.

Timeline

BHIGR vs. US Department of Justice

- 08/12/90--"Sue" discovered on Maurice Williams' private land
- 08/27/90--Maurice Williams accepts \$5000 check from Black Hills Institute, which reads "Theopod Skeleton SUE 8-14-90-MW"
- 09/23/90--First news article appears on "Sue's" discovery, excavation, and intended donation to BHIGR's not-for-profit museum
- 03/03/92--Not-for-profit papers filed for Black Hills Museum of Natural History; "Sue" is donated to museum by BHIGR
- 05/14/92--Seizure of "Sue" by federal government agents, some of whom are armed; the search warrant carries the signature of a District Court judge
- 05/22/92--BHIGR sues for return of "Sue," and asks for a hearing in District Court on "Sue's" temporary custody during the ownership dispute
- 05/28/92--**BHIGR DENIED**, District Court decides against "Sue's" storage at BHIGR, and against holding a hearing
- 05/29/92--BHIGR appeals to Circuit Court of Appeals
- 06/11/92--**BHIGR DENIED**, Circuit Appeals Court decides not to store "Sue" at BHIGR; "Despite our conclusion that the government does not need to retain the fossil as evidence in a criminal investigation, we are unable to determine whether it is appropriate to return the fossil to appellants for safekeeping." (emphasis added) However, they do order the District judge to hold a hearing.
- 06/11/92--Grand jury subpoenas for "all papers, diaries, notes, photographs, including slides, memoranda, tape recordings, videotapes, maps, butcher paper and samples or other records in your possession or control..." and "all (documents) relating to the financial conditions...for the period...between 1/1/89 and 5/31/92."
- 06/16/92--**BHIGR DENIED**, District Court orders BHIGR to comply with 6/11/92 subpoenas and denies BHIGR's motion to quash (BHIGR contended that subpoenas were overbroad)
- 07/06/92--Government petitions for rehearing of appeal decision "to address significant issues which have been overlooked or misconstrued." (p.5) "To be sure, this case involves potential violations of the Antiquities Act."
- 07/09-13/92--Hearing for custody of "Sue" during ownership dispute

- 07/16/92--**BHIGR DENIED**, District Court grants temporary custody of "Sue" to South Dakota School of Mines and Technology (SDSMT) and the Federal government
- 07/22/92--BHIGR appeals 7/16/92 custody decision
- 07/29/92--Government motions for protective order, in response to BHIGR subpoenas intended to discover why the government believes it owns the dinosaur
- 09/17/92--**BHIGR DENIED**, District Court decides subpoenas requested by BHIGR are overbroad and quashes, and grants the government's protective order to avoid providing information.
- 10/27/92--Government motions for summary judgement: asking for "ownership" of "Sue" using Antiquities Act or, alternatively, its position of fee holder (based on the landowner's land being "in trust" with the government--a fact unknown to the Institute until months after "Sue's" excavation
- 11/02/92--**BHIGR DENIED**, District Appeals Court reaffirms temporary custody with SDSMT
- 11/30/92--BHIGR motions for summary judgement, also claiming "ownership" based on its good-faith purchase and curation of the fossil
- 12/18/92-- Grand jury subpoenas of BHIGR employees: Brown, Burnham, Fischer, Gerken; and client Kokoro
- 01/08/92--Grand jury subpoenas for handwriting exemplars: Peter Larson, Neal Larson, and Robert Farrar (co-owners), and employee Terry Wentz; and for employee appearances: Brown, Burnham, and Gerken
- 01/14/93--Grand jury subpoena for handwriting, Wentz
- 01/28/93--Grand jury subpoena: "Any and all photographs, slides, negatives, videotapes in the possession or control of Black Hills Institute of Geological Research, Inc., including, but not limited to the attached list of specific fossils.: Along with a list of 64 specimens or groups of specimens
- 01/28/93--Grand jury subpoena: Burnham's photos, negatives, etc., re: fossils or excavation sites, "...any and all records, notes, and papers of your research..."
- 01/29/93--BHIGR motions to quash above subpoenas in that they are overbroad
- 01/29/93--**BHIGR DENIED**, District Court denies above motion immediately
- 02/03/93--**BHIGR DENIED**, District Court decides re: "Sue's" custody: the sale of the fossil by Williams to BHIGR was null and void, since Williams did not get permission to sell from (fee holder) Department of the Interior
- 02/10/93--BHIGR motions for reconsideration of 2/3/93 decision re: custody
- 05/25/93--More grand jury subpoenas for handwriting
- 06/07/93--Grand jury subpoena: "All fossil remains" on list of 22 items; "All original field notes, maps, photographs, including slider and videotapes" relating to selected of those items. Agents seize dozens of items not listed, and shoot unauthorized videotape of the entire contents of BHIGR
- 06/28/93--Peter Larson requests return of seized research items in order to complete preparations for August and October scientific presentations
- 07/23/93--BHIGR motions to unseal affidavit of FBI agent supporting the basis of 6/7/93 seizure
- 08/16/93--Grand jury subpoena for another specific fossil (dinictis)
- 08/30/93--**BHIGR DENIED**, District Court decides not to unseal FBI agent's affidavit
- 09/24/93--Government distributes document in Japan, and attempts to interrogate Institute clients there
- 10/19/93--Sioux Tribe files suit against BHIGR and Williams, for failing to purchase a \$100 peddler's license when transacting the sale of the dinosaur. Demands "Sue."
- 11/04/93--Documents distributed by US government in Peru are translated
- 11/19/93--Indictment
- 12/15/93--**BHIGR DENIED**, Circuit Appeals Court decides "Sue" belongs to Williams; *BHIGR did not violate any laws in obtaining "Sue,"* but had no right to expand moneys and energy into fossil since the sale was null and void
- 12/21/93--In compliance with speedy trial laws, trial is set for 2/22/94
- 12/23/93--BHIGR petitions Circuit Appeals Court for a rehearing re: 12/15 93 decision, with either a new panel, or En Banc
- 12/29/93--BHIGR motions for preserve evidence, asking that Government-held notes, witness statements, and seized information not be destroyed
- 01/05/94--BHIGR motions Judge Battey to step down, based on bias (all District Court decisions were his)
- 01/06/94--Government motions to disqualify defense attorneys Duffy, Banks, & Colbath, based on conflict of interest
- 01/12/94--**BHIGR DENIED**, Department of Justice decides the government committed no misconduct in this investigation
- 01/14/94--District Court grants continuance of trial to 4 October, 1994
- 01/19/94--**BHIGR DENIED**, Judge Battey decides not to step down
- 01/19/94--District Court order re: disqualifying defense attorneys Duffy (postponed), Banks & Colbath (need hearing)
- 01/21/94--BHIGR moves for reconsideration re: Battey's stepping down
- 01/25/94--**BHIGR DENIED**, Judge Battey reaffirms his decision not to step down
- 02/02/94--**BHIGR DENIED**, Circuit Appeals Court decides not to rehear 12/15/93 decision re: "Sue's" belonging to Williams, either with a new panel or En Banc
- 02/02/94--BHIGR files "Sue" case in United States Supreme Court
- 02/16/94--BHIGR files lien against its financial interest in "Sue" (\$209,000 spent on excavation and preparation), and files a civil suit in State Court against Williams for foreclosure
- 02/18/94--BHIGR petitions Circuit Court of Appeals to remove Judge Battey from the case
- 02/23 & 03/04/94--BHIGR motions that the three Coles and Terry Wentz are severed
- 03/04/94--Tribal Court grants Preliminary Injunction, prohibiting Williams from moving "Sue"
- 03/09/94--Williams, in response to the BHIGR 2/16/94 lien and suit, files a Notice of Removal of the case from State Court to Federal District Court (where Judge Battey would preside)
- 03/24/94--**BHIGR DENIED**, Circuit Court of Appeals refuses to force Judge Battey to step down
- 03/25/94--Ava Cole and Ed Cole II are severed from remaining defendants; Ed Cole (Sr.) and Wentz are not severed
- 03/29/94--District Court submits Trial Order and related documents, including Order on Courtroom Decorum prohibiting negative comments re: Government agents
- 04/07/94--BHIGR petitions District Court to send the 2/16/94 lien and civil suit against Williams back to State Court
- 04/18/94--Criminal charges dropped against Ava Cole and Ed Cole II
- 05/06/94--Government counsel and BHIGR file objections to 3/29/94 Trial Order
- 05/11/94--District Court orders 5/6/94 objections to be supported by law and resubmitted
- 05/17/94--**BHIGR DENIED**, District Court says it will not send the 2/16/94 lien and civil suit of Williams back to State Court, where it was first filed

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.

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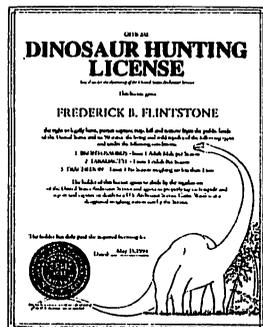
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RUSSIAN TEENS LOOKING FOR US PEN PALS
by Rita McDaniel

Vlad Ephimov is 14 years old and his brother, Denis Ephimov is 12. They are the sons of Vladimir Ephimov who is Museum Director at Ulianovski, Russia. They are interested in Paleontology and would like to correspond with teens in the US who are into fossils and fossil collecting. Those interested can write to either boy: c/o Vladimir Ephimov, Director Museum, Undori, Ulianovski, Oblast Russia 433312.

Black Hills Institute, Continued

- 05/22/94--**BHIGR DENIED**, District Court says the Government need not preserve evidence in the criminal case (which means BHIGR property, statements of witnesses, etc., can be destroyed-- i.e.: not shared with Defense)
- 06/01/94--**BHIGR** motions for a Bill of Particulars, a document outlining the details of their alleged crimes
- 06/08/94--**BHIGR** motions for Clarification re: 5/11/94 Order requesting supporting law for objections to Trial Order, because their objections already included supporting law
- 06/13/94--**BHIGR DENIED**, District Court refuses to clarify its 5/11/94 Order
- 06/15-28/94--**BHIGR** motions to dismiss certain counts of the Indictment involving alleged theft of government property from Tribal lands
- 06/21/94--**BHIGR** motions to extend trial date
- 06/22/94--**BHIGR** defendant Wentz files for severance
- 06/28/94-- District Court grants continuance of trial to November 1, 1994, and extends various associated deadlines
- 07/01/94--**BHIGR DENIED**, District Court denies the Bill of Particulars request
- 07/01/94**BHIGR DENIED**, District Court refuses to sever defendant Wentz
- 07/06/94--Tribal Court dismisses charges against BHIGR & Williams
- 07/14/94--**BHIGR DENIED**, District Court refuses to dismiss government property theft counts
- 07/22/94--Government motions to move trial from Rapid City to Aberdeen (Judge Battey's home town)
- 07/24-08/01/94--**BHIGR** files pre-trial motions, including those affecting Jury selection (defense counsel are restricted in selection), Discovery, Suppression of Evidence/request for Evidentiary Hearing (re: illegality of original 13 May, 1992, search warrant; and illegal use of the military during that search and seizure--"posse comitatus"), and Severance of various counts to streamline the proceedings

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

John P. Babiarz
B.I.O.P.S.I.
2558 E. Lehi Rd.
Mesa, AZ 852131

President of Babiarz Inst. of Paleo. Studies, Inc.

Walter E. Carr, Jr. M.D.
2043 Mohawk Drive
Pleasant Hill, CA 94523

Physician. Also assists in teaching Marine Biology at a local college (Diablo Valley). Therefore, fossils are useful in teaching about past history of presently extinct animals. Major interest CA Marine Tertiary; trilobites, brachiopods. Nothing for trade at present. Wants to learn more about Middle American fossils.

Maureen Cook
& Daughters
5015 Rockhampton Ct.
Yorba Linda, CA 92687

Scott Garrett
426 N. Elizabeth
Ferguson, MO 63135
314-524-5562

Advertising manager. Will trade. Major interest vertebrates, crinoids and general. Member Eastern Missouri Society for Paleontology. Wants to get to know other collectors.

Richard P. Hightower
7334 Quail Run Rd.
Lizella, GA 31052
912-935-8867

U.S. Postal Service. Will trade. Dealer/collector of all fossils worldwide. The Stones and Bones Collection. Has unlimited variety for trade. Enjoys working, collecting, and studying fossils, and talk with others who do the same.

Terry & Bobbie House
354 Peach Street
Fruitport, MI 49415
616-865-3728

Maintenance/Social worker. Will trade. Major interest invertebrates: brachiopods, crinoids, trilobites, molluscs, cephs; horn corals and other types; geodized brachs and snails. Have for trade geodized brachs and snails. Avid fossil collectors who want to expand opportunities for collection/knowledge & opportunities to meet others with the same interests.

Robert M. & Dorothy Kell
3848 Norbrook Dr.
Columbus, OH 43220
614-457-1838

Chemist/Housewife. May trade. Want to learn more and make contacts.

Joseph J. Kchodl
501 E. Haley St.
Midland, MI 48640
517-839-5932

Maintenance Supervisor. Major interest trilobites. Has little for trade but lots of low end Phacops from NY. Wants to learn more about fossils.

Clifford L. Nystrom
901 South 17th Street
Grand Forks, ND 58201-4242
701-772-8038

System Operator for Electric Utility. Major interest all areas of paleontology and paleoanthropology. Member of North Dakota Paleontology Soc. Want to increase his personal knowledge of science of paleo.

M. Jared Mills
9530 Shepherd
Beaumont, TX 77707

Patty/Ron/Grant/Matt Langdon
12848 Turon Court
Bridgeton, MO 63044
314-770-0240

Marketing. Major interest is going on digs. Member Eastern Missouri Society for Paleontology. Want more exposure to paleontologists and their knowledge.

Burt I. Kahn
214 Sylva Hwy
Franklin, NC 28734
704-524-9171

Self-employed. Major interest invertebrates/vertebrates. Has many specimens for trade. Wants to learn more about fossils.

Frank Offertt
RR 1 Box 81
Utica, KS 67584
913-391-2493

Farmer. Major interest Kansas fossils. Wants to learn more about fossils.

Mary Ott
22 Algonquin Lane
St. Louis, MO 63119
314-961-3088

Community volunteer. Will not trade yet. Wants to collect more fossils.

Carl J. Sadowski
P.O. Box 62565
Sharonville, OH 45241
Ph. unlisted

Engineer. Will trade. Major interest vertebrate & fish fossils. Wants to expand his knowledge about fossil collecting.

John Standley
#84 B 1584, Drawer B
Stormville, NY 12582
603-863-9045

Prehistoric Illustrator. Will trade. Major interest dinosaur teeth, sauropod eggs, and amber with insect inclusions. Will trade museum quality illustrations of selective dinosaur species. (94) Does illustrations for PaleoSearch, Inc., and the Dakota Dinosaur Museum. Wants to further dedicate himself to making the distant past a reality for today and tomorrow.

Harry V. Tucei
3749 S. Erie Ave.
Tulsa, OK 74135-5516

PLEASE NOTE THE FOLLOWING CHANGES OF ADDRESS OR CORRECTIONS:

Wayne Barnett
20922 Harvest Hill Lane
Houston, TX 77073

Major interest gastropods of all ages, echinoids, and shark and fish remains. Still willing to trade material with anyone worldwide.

Jill Cohen
Justina Cotter
415 Robin Road
Chapel Hill, NC 27516

Charles E. Isbon
P.O. Box 431701
Houston, TX 77243-1701
713-849-5951

John Fagan
c/o Essex Catholic HS
135 Glenwood Av.
East Orange, NJ 07017-2003
201-676-3334

Rita O. McDaniel
519 - 7th Ave. So.
Surfside Beach, SC 29575
803-238-1083

Production scheduler in capacitor MFG. plant. Collecting since '85. Interested in all fossils, esp. ammonites, trilobites and all vertebrates. Will trade. Has Miocene shark teeth, whale & porpoise material; Pleistocene echinoids, shells & misc. for trade. Also has small fossil club. Looking for door prizes and literature for same (will buy or trade for your duplicates). Correspondence welcome.

Kevin Shannon
RT 3 Box D-70
Whiteville, NC 28472
910-640-2037

Geoff Thomas
11 Talbot St.
PARKES NSW 2870
AUSTRALIA

Dewey L. Foulk, Jr.
5208 Barbera Drive
Knoxville, TN 37921-5211

The **M**id-**A**merica **P**aleontology **S**ociety (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.

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