



Hunt Institute for Botanical Documentation
5th Floor, Hunt Library
Carnegie Mellon University
4909 Frew Street
Pittsburgh, PA 15213-3890
Telephone: 412-268-2434
Email: huntinst@andrew.cmu.edu
Web site: www.huntbotanical.org

The Hunt Institute is committed to making its collections accessible for research. We are pleased to offer this digitized item.

Usage guidelines

We have provided this low-resolution, digitized version for research purposes. To inquire about publishing any images from this item, please contact the Institute.

Statement on harmful and offensive content

The Hunt Institute Archives contains hundreds of thousands of pages of historical content, writing and images, created by thousands of individuals connected to the botanical sciences. Due to the wide range of time and social context in which these materials were created, some of the collections contain material that reflect outdated, biased, offensive and possibly violent views, opinions and actions. The Hunt Institute for Botanical Documentation does not endorse the views expressed in these materials, which are inconsistent with our dedication to creating an inclusive, accessible and anti-discriminatory research environment. Archival records are historical documents, and the Hunt Institute keeps such records unaltered to maintain their integrity and to foster accountability for the actions and views of the collections' creators.

Many of the historical collections in the Hunt Institute Archives contain personal correspondence, notes, recollections and opinions, which may contain language, ideas or stereotypes that are offensive or harmful to others. These collections are maintained as records of the individuals involved and do not reflect the views or values of the Hunt Institute for Botanical Documentation or those of Carnegie Mellon University.

About the Institute

The Hunt Institute for Botanical Documentation, a research division of Carnegie Mellon University, specializes in the history of botany and all aspects of plant science and serves the international scientific community through research and documentation. To this end, the Institute acquires and maintains authoritative collections of books, plant images, manuscripts, portraits and data files, and provides publications and other modes of information service. The Institute meets the reference needs of botanists, biologists, historians, conservationists, librarians, bibliographers and the public at large, especially those concerned with any aspect of the North American flora.

Hunt Institute was dedicated in 1961 as the Rachel McMasters Miller Hunt Botanical Library, an international center for bibliographical research and service in the interests of botany and horticulture, as well as a center for the study of all aspects of the history of the plant sciences. By 1971 the Library's activities had so diversified that the name was changed to Hunt Institute for Botanical Documentation. Growth in collections and research projects led to the establishment of four programmatic departments: Archives, Art, Bibliography and the Library.

Subject: Keeping in touch
To: "Alfred Traverse" <traverse@ems.psu.edu>

check on their at home!

Dear Alfred:

I am ashamed for not keeping in touch with you. I hope you and family are in the best of health.

Did you receive my book? Strat Paly of Pz of Saudi Arabia.

No - I saw a review somewhere & would sure like it!

We are currently so busy with the International Oil Companies as the Kingdom is opening up for foreign investment in the Gas Business. I currently do some work for the negotiation team and also hold a position as the chief geologist of Regional Mapping and Special Studies Division.

We are weaving farewell to a beautiful winter as the summer is commencing here in Arabia .

Hope to hear from you.

Sa'id

Al. Hazri

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
PALYNOLOGICAL LABORATORIES
307 DEIKE BUILDING
UNIVERSITY PARK, PA 16802, USA
Phone: (814)863-3419; Fax: 814-863-7823
E-Mail: traverse@ems.psu.edu

10 March, 1999

Said Al-Hajri
P. O. Box 2141
ARAMCO
Dharan 31311, Saudi Arabia

Dear Said:

Recently I finally got around to reading the **CIMP Newsletter** for Dec. 1998 and perused your abstracts, with distinguished lists of co-authors. The subject matter was most interesting, and I was very impressed with your obvious industry. Of course, I have been telling anyone who would listen that you were my most talented graduate student ever. (I saved the best until last.)

Please keep me on your list of people to whom to send reprints! I am a little out of date with you too, as I note on your card. So I enclose a small batch of what is now available, beyond #65, which I must have sent you some time ago.

As you could discern from careful study of the above address, I have lost all of the space I used to have on the 4th floor of Deike. I now have a small room on the third floor, which I in theory share with Lauren Wright. He is the world's authority on the structural geology of Death Valley, and he lives in a mobile home there 9 mos. of the year. When he is in State College, he seldom comes to the lab. So, I really have almost full use of the room. Betty and I now process samples in room 428. It has only one hood, but with no courses or students, that is enough. I had an addition built onto our home to provide a microscopy lab and office there. It all takes some getting used to, but I am working away on a number of projects. We also bought a small, nice condo in downtown State College, five minutes walk from Deike, where Betty has her office as medievalist, and where we stay overnight when it is inconvenient to go back over the mountain.

I hope you and Elaam are flourishing personally, as you seem obviously to be doing professionally. It would be great to see you again. All the best.

Alfred Traverse
Professor Emeritus of Palynology

Encl.: reprints

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
PALYNOLOGICAL LABORATORIES
435 DEIKE BUILDING
UNIVERSITY PARK, PA 16802, USA
Phone: (814)863-3419; Fax: 814-863-7823
E-Mail: traverse@ems.psu.edu

7 August, 1996

Mr. Said Al-Hajri
P. O. Box 2141
Aramco
Dharan 31311, Saudi Arabia

Dear Said:

I'm determined not to lose contact with my last and probably best graduate student!

See enclosure. Caught my eye in Aerobiology. You are in contact with the man?

Got the botanical garden project going yet?

Betty and I had a great trip to Korea and Japan in May. My former Ph. D. student, Duck Choi, is professor in Seoul. In Japan I was guest of colleagues. I gave lectures various places.

At the moment I am working on Devonian stuff from this area. Just finished a study of a core in Honduras, in collaboration with archeologists. Unfortunately, I don't think the palynofloras prove much.

As I write Betty is in Chicago (by car), visiting old friends. So, I am gardener, cook, house-cleaner, chauffeur, the works.

Often think of you and great conversations we had.

Best regards to your dear wife.

Yours very truly,

Alfred Traverse

enclosure:xerox

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
PALYNOLOGICAL LABORATORIES
435 DEIKE BUILDING
UNIVERSITY PARK, PA 16802, USA
Phone: (814)863-3419; Fax: 814-863-7823
E-Mail: traverse@ems.psu.edu

12 March, 1996

Sa'id Al-Hajri
Saudi Arabian Oil Company
Geological Research & Development Division
X-4900, Dhahran 31311, Saudi Arabia

Dear Sa'id:

Your nice fax letter of 11 March was here when we returned yesterday from a week's trip to Indianapolis and St. Louis. Nice to hear. Funny, I was about to write you because last month I was in the library for some reason going through some recent journals when I stumbled on your paper based on your master's thesis (with the thoughtful acknowledgment to AT!). Problem: when I went back to the library to read the article, I couldn't find it. Could you send a reprint, or at least the reference? I have taken down ALL the posters in the hall, except yours, which I have moved to center stage. I would now like to post a copy of your paper with the poster.

Interesting to hear that you're going to be working, or have been working, in the Devonian. I still remain active in that, though I haven't got much done lately. I long since sent out all reprints of the Traverse and Schuyler paper, but I enclose a xerox copy, which is the best I can do.

As I've told you before, I missed you when you left more than is true of most (all?) other graduate students because I found our conversations very stimulating. You also were exemplary in every way academically. The combination is rare.

Have you done anything about starting a botanical garden in Saudi Arabia? You should get the government interested. Could specialize in desert plants and be marvellous. In St. Louis on the latest trip, in fact a week from tomorrow, Betty and I spent much of a day at the Missouri Botanical Garden--one of my favorite places.

Regards to your dear wife.

Yours very truly,

Alfred Traverse

encl.:article

Saudi Arabian Oil Company (Saudi Aramco)
GEOLOGICAL RESEARCH & DEVELOPMENT DIVISION
Geological Department-Exploration Organization
X-4900, Dhahran 31311, Saudi Arabia
Tel. 966 3 874-1691, Fax. 966 3 873-1009

March 11, 1996

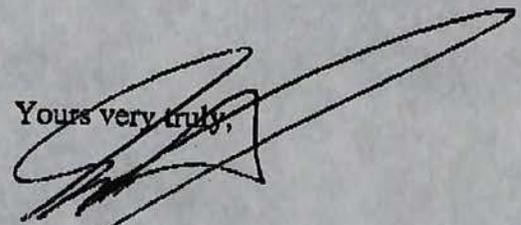
Dr. Alfred Traverse
Department of Geosciences
Palynological Laboratories
435 Deike Building
University Park, PA 16802
U.S.A

Fax: 814-863-7823
Tel: 814-863-3419

Dear Alfred:

Sorry for my very long silence. I was submerged in too much work. I apologize, and promise to correspond with you more in the future!! I am currently preparing for a contribution at GEO 96, a local geologic conference that takes place once every two years in Bahrain. The paper that I will be presenting is going to be on the Devonian of Saudi Arabia. In this paper I will be trying to compare the local microflora to others in the globe. For that I need a reprint of your recent Devonian paper with A. Schuyler. Could you please fax (a list of palynomorphs reported)/ send to me a reprint of this paper.

Yours very truly,



Sa'id Al-Hajri

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
PALYNOLOGICAL LABORATORIES
435 DEIKE BUILDING
UNIVERSITY PARK, PA 16802, USA
Phone: (814)863-3419; Fax: 814-863-7823
E-Mail: traverse@ems.psu.edu

9 January, 1995

Mr. Said Al-Hajri
P. O. Box 2141
Aramco
Dharan 31311, Saudi Arabia

Dear Said:

How nice to hear from you, and what a great letter! We of course reciprocate all the good wishes.

As you recognize, retirement isn't going to affect my lifestyle much. Indeed, the reason I agreed to the department head's blandishments to retire was that he promised in writing that if I agree to do so I could keep my lab and teach the palynology course for an indefinite period, but at least through 1998. (He made it clear that if I persisted in the idea of keeping on with business as usual, I would lose my space.) However, I am not keeping the paleobotany course alive and will thus not have teaching in the (so-called) Spring (really Winter!) semester after this year.

The reason why I decided to learn Turkish is complex. Partly it is because T. is an agglutinative language related remotely to the big Finno-Ugaric family of languages, to which Japanese also has a relationship. I've never studied such a language (very difficult). On the hand, I once learned Hebrew, which as you know is very closely related to Arabic, about the same degree as Dutch and English. Furthermore, I could tell by listening to Turks that I can pronounce all of the sounds, close to perfectly. That is by no means true of Arabic!

I'd like to hear a lot more about the tour of Europe, and maybe I can some day.

All the best to you and your whole family.

Yours very truly,

Alfred Traverse

Dr. Alfred Traverse
Department of Geosciences
Palynological Laboratories
435 Deike Building
University Park, PA 16802
U.S.A

December 19, 1994

Dear Alfred:

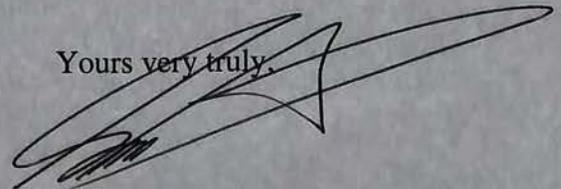
Merry Christmas and happy new year to you and to Betty. Thank you for your recent letter, and package especially the publication of the Senckenberg Museum. It is now circulating in my department, because it is of great interest to us which we have not seen before. The number of publications you have produced recently indicate to me that you are still working six or may be seven days a week. Is that because you approaching retirement in few months?! On that effect, I was indeed delighted to hear these news about your retirement. A man like you who had a very long and very productive scientific career, deserves to take the time to explore other venues of *LIFE*. Of course, it does not mean that you are going to abandoned palynology, although what you have done already for the science should leave the world very appreciative for a very long time to come.

I must have failed to portray to you how rich is the Arabian culture the same way my grandfathers did in Spain, that you favored the Turkish language over the Arabic. Or is it probably because of the many Turkish friends you had in the past?! One of them (Muhittin Senalp), a sedimentologist is working next door to my office, sending you his regards, and mentions that he worked with you on the G. Challenger.

Last September, I have completed a six month assignment in Europe. It was a sort of a palynological pilgrimage. Meanwhile it is very quite, warm (25°C) and peaceful here in Saudi Arabia. In few days I leave in a one month vacation and I should be back to the office by February 1st, 1995.

Best Wishes, and season's greetings.

Yours very truly,



Sa'id Al-Hajri

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
PALYNOLOGICAL LABORATORIES
435 DEIKE BUILDING
UNIVERSITY PARK, PA 16802, USA
Phone: (814)863-3419; Fax: 814-863-7823
E-Mail: traverse@ems.psu.edu
14 November, 1994

Said Al-Hajri
P. O. Box 2141
ARAMCO
Dharan 31311, Saudi Arabia

Dear Said:

As Korrespondierendes Mitglied of the Senckenberg Museum in Frankfurt, I get all of their publications. The enclosed item seemed to me to be one that would be of interest to you, and which you might not otherwise see. Enjoy.

The Department has found a clever way to compel me to retire, about which I can some day regale you. It will happen on 1 July, 1995. The good news is that I'll be somewhat more free to travel. Which reminds me that Betty and I had two weeks in Spain in September--I gave a special address to APLE in Valencia. We found the Arabic influence in parts of Spain fascinating and would like to go back some day to check it out in more detail. I enclose a copy of the abovementioned address, and a couple of other reprints.

Did I tell you that I am learning Turkish? Am making very good progress. The grammar is tough, but unlike Arabic at least the pronunciation is easy!

All the best, and regards to dear Elaam.

Yours very truly,

Alfred Traverse

encl.: publications

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
PALYNOLOGICAL LABORATORIES
435 DEIKE BUILDING
UNIVERSITY PARK, PA 16802, USA
Phone: (814)863-3419; Fax: 814-863-7823

7 February, 1994

Said A. Al-Hajri
P. O. Box 2141 Aramco
Dhahran, Saudi Arabia

Dear Said:

We greatly enjoyed the Christmas card--truly beautiful, and the message on the back side very meaningful.

Betty and I went to UK at the end of November to take part in Chaloner's retirement party. Betty's mother died early in the month, and we needed a little rest from all that--even though long expected, it was difficult in the fact. The paleobotany course is going again, with 11 students, and I can hardly believe it's three years since you were in that class. I took your advice and am using the new edition of Stewart's text as the textbook.

All the best to you and to dear Elaam--first time I ever saw her name written down, I think.

Yours very truly,

Alfred Traverse

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
PALYNOLOGICAL LABORATORIES
435 DEIKE BUILDING
UNIVERSITY PARK, PA 16802, USA
Phone: (814)863-3419; Fax: 814-863-7823

faked:
966-3-874-0826

3 October, 1993

Said Al-Hajri
P. O. Box 2141
ARAMCO
Dharan 31311, Saudi Arabia

Dear Said:

Yours of 18 September was a while in getting here (came about the 25th), and I've been too busy since then to answer. The palynology course has 20 students in it this year, which is enough alone to keep me occupied, but there are many other things going on as well.

First of all, congratulations on your recent successes. They do please me very much. As you know, they don't surprise me at all. You are quite likely the most talented student I ever had. That you should get a Ph. D. is obvious to me, at least!

I just called Paul Strother about your letter. He suggests I ask you if you'd like to visit either him (at Boston College) or me during your sojourn over here. Unfortunately, I've already arranged for Rob Fensome (Canadian Survey, acritarch man) and Judy Skog (George Mason Univ., Virginia, fossil fern specialist) to come for, between them, the whole week before AASP. Furthermore, we just learned yesterday that the proofs (1000 pp. or so) for the new book will arrive next week, and we'll be very preoccupied for this whole month with that project. I shouldn't have invited R & S, but when I did I didn't know about the proofs. They were originally promised for last July, which would have been 1000x better, then postponed until next Jan. However, maybe you'd find visiting Strother advantageous? He also wanted me to ask you about authorship of future papers. He is agreed that the current one should be Al-Hajri et al., but he has in mind some future contributions that would be better Strother and Al-H.

Because of the proof emergency, and another problem (ms. due 1 Nov.-- incredible!) I won't be able to get onto the Ordovician project again until sometime in November at the earliest. Makes me feel bad, but facts are facts.

All the best, and congratulations again!

Yours very truly,


Alfred Traverse

c:PKS

Dr. Alfred Traverse
Department of Geosciences
Palynological Laboratories
435 Deike Building
University Park, PA 16802
U.S.A

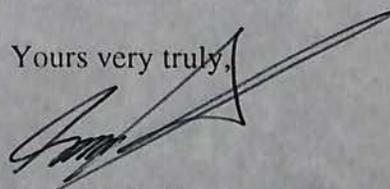
September 18, 1993

Dear Alfred:

I hope that you have received the samples sent on August 1st, 1993 from the Hanadir Member of the Qasim Formation of NW Saudi Arabia from the wells Kahf-1 and Tayma-4. I might come to the U.S. on October 1993 to attend the AASP annual meeting, so please let me know if you need any additional material for this paper or otherwise. By the way your former student is making the headlines in these days. I won the Exploration Professional Contribution Award for the year 1992 in Saudi Aramco. It is the first time such an award is granted in the history of Saudi Aramco. I was called 'man of the Year' for the year 1992. The local newspapers wrote and still writing about it. Thanks to my nice old professor.

Best Wishes.

Yours very truly,


Sa'id Al-Hajri

Paul S.!
would he like to
visit S.C. or
Boston?
authorship

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
PALYNOLOGICAL LABORATORIES
435 DEIKE BUILDING
UNIVERSITY PARK, PA 16802
Phone: (814)863-3419; Fax: 814-863-7823

18 June, 1993

Said Al-Hajri
P. O. Box 2141
Aramco
Dhahran, Saudi Arabia

Dear Said:

Just had a long talk on the phone with Paul S., who tells me that he is of the opinion that we should go forward with the original project--that the acritarchs and chitinozoans--and some observations he has made about other things--are sufficient proof that the age of the stuff is fundamentally Llanvirn, no problem. We will have to state the problem that with cuttings contamination is a possibility, but our evidence is that it apparently is at least very minor and probably not existent.

We also discussed SEM. He has free access to an instrument, and we are going to use it to make some pictures. If, in the meantime, you make others that are acceptable, that would be nice too.

This doesn't mean that we wouldn't like to look at the other samples from cored material that you mentioned in the previous letter.

All the best, as ever.

Yours very truly,

Alfred Traverse

c:PKS

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
PALYNOLOGICAL LABORATORIES
435 DEIKE BUILDING
UNIVERSITY PARK, PA 16802
Phone: (814)863-3419; Fax: 814-863-7823

11 June, 1993

Said Al-Hajri
Saudi Arabian Oil Co.
Geological Department, R&D Div.
X-4270, Dhahran 31311

Dear Said:

Thanks for your fax of 9 June, which I got today because we stayed home yesterday on account of house guests--one of my co-workers from Bureau of Mines days, 1956, in Denver, whom I hadn't seen since.

It looks to me that you've provided all the additional material that we needed for the correction of the existing paper. However, it seems that the information in item #2 has the effect of changing the required direction quite a bit.

O. K., if there's a problem with the RA samples (too bad!), we'd better turn to KF-1--I guess I don't have samples or slides thereof--right? Could you provide me with such? I think the idea of expanding the coverage is tempting, but from what you say it would probably cut us out of what we wanted to accomplish because it would open up a big piece of work ahead of us. I had hoped to base this paper on material from your thesis. No use "crying over spilt milk"--let's get with it. We can talk later about ways in which we could expand the project.

So, I look forward to material for KF-1. We'll get at that right away. But "rare spore tetrads" sounds a little forbidding. Too bad about good old RA...I suppose there's a possibility that its richness was precisely because of the problem?

All the best to you and your dear family.

Yours very truly,

Alfred Traverse

c:PKS

SAUDI ARABIAN OIL COMPANY

FACSIMILE COVER SHEET GEOLOGICAL DEPARTMENT - R&D DIVISION X-4270, Dhahran 31311 Saudi Arabia			
PRIORITY:	ROU	DATE:	6/9/93
TO:	Dr. Alfred Traverse PennState University Dept. of Geosciences, 435 Deike Building PA16802	FAX:	814 863-7823
FROM:	S. Al-Hajri	FAX:	966-3-873-1009
APPROVAL:	G.A. Al-Daher, Chief Geologist <i>G. Daher</i>		

SAM:eshr/F110

6 June, 1993

Dear Alfred:

Sorry for the delay, but it was because of holidays season again, field trips and so much to do here. I try not to work six days a week anymore as you do. To answer some of your questions, comments ..etc regarding the manuscript. I address them as per your outline in yours of April 13th, 1993.

1. As regards to the question of the chitinozoan list, I have done a short but very informative one in my fax of 3/31/93; however, here is a more elaborate one:

The cryptospores were recovered in samples together with typical Llanvirn chitinozoans such as *Velatachitina* spp., *Laufeldochitina robousta* (Jenkins 1967), *Laufeldochitina clavata* (Jenkins 1967), *Eremochitina* sp., *Linochitina pissotensis* Paris 1981, *Conochitina parviverter* (Jenkins 1967), *Jenkinochitina vulgaris* (Jenkins 1967), *Siphonochitina formosa* (Jenkins 1967), *Halochitina retracta* (Eisenack 1955), and *Desmochitina minor* Eisenack 1931. The earliest occurrence of cryptospores in the section studied here seem to coincide with the *Siphonochitina formosa* biozone of the northern Gondwana domain which indicates a middle Llanvirn age.

The Hanadir Member is Llanvirn in age, based on chitinozoans and graptolites. I have recently collected some graptolites from the Hanadir shales. They were studied by Legrand, the french graptolite specialist, and were identified as belonging to the *murchisoni* biozone. It does not take much; I was able to identify them myself before I dispatched him the samples.

2. Yes, the material from the well RA is cuttings. As I mentioned to you before, I can always provide you with core samples from other wells from the same stratigraphic horizon containing cryptospores. However less abundant than those in well RA. I have, and still am re-examining the section penetrated in well RA. Much to my surprise, I found about 200' of Upper Ordovician sediments in this well setting disconformably on the Middle Ordovician Hanadir Member. Therefore, there is a possibility of contamination in the samples that we looked at. Unfortunately, it is very tricky here, because of the nature of the sediments above (?glacials), it is only a contamination of spores but not acritarchs or chitinozoans, otherwise I would have spotted them from the beginning. Also there is no wire line log in this hole which added to the mystery. Again, I stress that I can provide samples from the Hanadir Member of Llanvirn-Llandeilo age of core material from other wells containing cryptospores, but less abundant and less divers. I can also provide samples from many wells for the Upper Ordovician section containing the most abundant, and most diverse cryptospores that I have ever seen. Maybe we can expand this paper to cover the cryptospores of the entire Ordovician. Some of those in the Llanvirn look like

acritarch tetrads, but very similar to spores too. This fact, I think, is important from an evolutionary point of view, to watch out for the transition.

3. I personally would feel more comfortable working on core samples from KF-1 well which I mentioned to you before, which contains rare spore tetrads but in core samples and with Llanvirn-Llandeilo chitinozoans. (the SEM photos of cryptospores which you have received are from well KF-1).

4. Whenever time permits, I will try to pick more cryptospores for SEM. We have just bought a new 'state of the art' SEM, and I am sure that the quality of the photos will be much better.

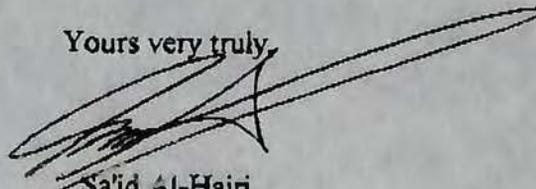
5. For the geological summary, this paragraph can replace the one in page.1 of the manuscript:

The Lower Paleozoic sediments of the Arabian Peninsula are made up of several silicoclastic sedimentary packages whose nature of deposition reflects a shallow marine to fluvio-deltaic environments which were influenced by eustatic oscillation and periodic uplifts. These sediments are encountered in the subsurface of the Arabian Peninsula, and in discontinuous outcrops around the Arabian Shield (Fig.1). Several major coastal onlaps have punctuated a northward prograding fluvio-deltaic regime that existed during the Cambrian and Ordovician times. Sea level instability due to glaciation towards the end of the Ordovician in Northern Africa has resulted in the deposition of irregular and sporadic sediments all over Arabia, namely the Sarah, Zarqa, and Quwarah complex.

I think the diagrams are O.K. However, I have included the stratigraphic section which I have prepared for my Ordovician chitinozoan paper. Of course, we can use this, and mention after Al-Hajri 1993. This paper will be published "I think" in the Review of Palaeobotany and Palynology, together with other papers of phase-I of the CIMP project on the Paleozoic palynostratigraphy of Saudi Arabia. This is another reason for expediting this paper before the end of Phase-II (in 2-3 years), where the subject of cryptospores might be tackled by one of the CIMP participants, or before Gray's paper come out. In our last meeting with the CIMP participants, I suggested you and Strother to be the palynologists working on the cryptospores, because they were not assigned to anybody at that time. Now, everybody wants to work on these things like Steeman, Le Herisse and others. Sorry, I can't enforce it.

Best wishes to you. My regards to Betty.

Yours very truly,



Sa'id Al-Hajri

SYSTEM	SERIES	STAGE	FM	MB	LITHOLOGIC COLUMN		
					S/SW LANDWARD	N/NE BASINWARD	
DEV.	EARLY	LOCHK.	TAWIL				
SILURIAN	PRIDOLI						
	LUDLOW	LUDFORD	HIATUS				
		GORSTIAN					
	WENLOCK	HOME.	QALIBAH	SHARAWRA			
		SHEIN.		QUSAIBA			
	LLANDOVERY	TELYCH.					
		AERON.					
		RHUDD.					
ORDOVICIAN	ASHGILL	HIRN.	SARAH/ZARQA				
		PUSGIL.					
	CARADOC	LATE	QASIM	QUWARAH			
		MIDDLE		RA'AN			
		EARLY		KAHFAH			
	LLANDEILO	LATE					
	LLANVIRN	EARLY		HANADIR			
		LATE					
	ARENG-TREMADOC	EARLY					
CAMB.			SAQ				

0210

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
PALYNOLOGICAL LABORATORIES
435 DEIKE BUILDING
UNIVERSITY PARK, PA 16802
Phone: (814)863-3419; Fax: 814-863-7823

10 May, 1993

Sa'id Al-Hajri
Aramco, Dhahran
etc.

Dear Sa'id:

Your undated airmail letter with the SEM photos is just in.

I don't know how to say this without risking hurting your feelings, but these pictures are not acceptable for publication--out of focus, among other things such as graininess and heavy charging in some instances. I noted with some amusement that you tried to sneak a chitinozoan over on me as a spore in one of them (ha!).

Maybe I can find time (and a way to finance) some SEM pics here.

In any event, please try to find time to do the other things we need to get an acceptable paper together--list of the critical chitinozoans, improved statement on the geological questions--you have the menu of what's needed in a previous letter from me.

Hope all is well with you. I so often think of our marvellous conversations.

Yours very truly,

Alfred Traverse

c:Strother

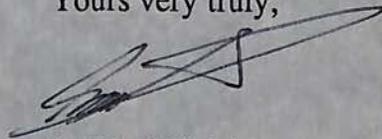
Dr. Alfred Traverse
Department of Geosciences
Palynological Laboratories
435 Deike Building
University Park, PA 16802
U.S.A

Dear Alfred:

Enclosed are some SEM photos for the Ordovician spores from the well Kahf-1 (coded as KF-1).

Best wishes.

Yours very truly,

A handwritten signature in black ink, appearing to read 'Sa'id Al-Hajri', written in a cursive style with a long horizontal stroke extending to the right.

Sa'id Al-Hajri

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
PALYNOLOGICAL LABORATORIES
435 DEIKE BUILDING
UNIVERSITY PARK, PA 16802
Phone: (814)863-3419; Fax: 814-863-7823

13 April, 1993

Said Al-Hajri
P. O. Box 2141
Aramco
Dharan 31311, Saudi Arabia

Dear Said:

Paul Strother has been here two weeks today and must now go home. It has been a very productive time. Paul is an acritarch expert, and I unlimbered my Nomarski microscope to study them. Paul has identified many of them, and--great news--all of them are characteristic Llanvirn (or older) forms! We also have worked a lot with the literature. Our present plan is to write a new paper along the lines of the first one, but a bit longer and answering all of the objections of the reviewers of the first paper. I suggest that the authorship be Al-Hajri, Strother and Traverse. Alphabetical. I don't mind.

Now, what we need from you is:

1. detailed listing of the chitinozoans from RA, with comments on the Llanvirn-specific character thereof. I know that this info is in your thesis, but I believe you should have the job of coming up with the critical list, as you are our chitinozoan man. (There is more about this below.)

2. more information on the nature of the samples and their provenance, etc., to answer objections that were made about that. One thing that Paul and I have wondered about is your statement: "...the usual problem of drill-cutting contamination from units stratigraphically higher were minimized." (Should say ...was minimized, but that's another matter!) Could you clarify that and be more specific, please? With respect to RA, could you be very specific as to whether the samples RA-1 to RA-5 were cuttings samples or from cores? That would be helpful.

3. as a result of our joint work these two weeks, we feel that we should restrict this first paper to just RA (actually, in the first paper, that's what I did, as far as the illustrated specimens is concerned).

4. original prints (better, negatives, which would be returned, of course) from SEM pics made from RA specimens. Tetrads, dyads, monads. That would be very helpful.

5. We are concerned that the language in your geological summary parts might be too similar to McClure's. Please check this and take a crack at rewriting, putting all of it into your own words. Inasmuch as McClure is working on at least some of the same sections with Jane Gray, we should be careful not to be accused of lifting language. Please send me revised versions of any geological summary parts where you think you could improve it along these lines. Paul is also concerned that the geological section diagrams are too much like McClure's--what do you think? I could have them redrafted.

It is o. k. to use airmail, and you could be a little more expansive that way than with fax.

We'll probably send this paper to Science. I'm hoping that there'll be more papers on the stuff in the future.

Paul is taking a copy of your thesis with him to Boston, to read in more detail. I charged it out of the library on my card. I was astonished to discover that the department horde in Egger's office of thesis copies didn't include one, and the lady in charge said, somewhat haughtily, "Mr. Al-Hajri never gave us one."

That reminds me that the copy I have doesn't have any dedication in the front. Could you send me one on a small card, that I could glue in? ("To my nasty old professor...or whatever")

Now, to your fax of 31 March. Should really have mentioned it above, but this letter has been put in my computer in stages. In the first paragraph, you provide most of what we need re the chitinozoans, but we need more detail (I can always cut, but I can't add.) I could, of course, make a chitinozoan list from your thesis, but you should do that, as you are the chitinozoan man! Your second paragraph seems to suggest that RA is in fact cuttings. I would welcome more slides and/or raw samples, as I hope that the three of us can carry this work on into some more detailed papers. (The acritarchs are also worth a couple of papers!--you should come and do them for a Ph.D.!)

Re your literature refs.: is your paper for 8IPC going to come out in a proceedings volume? Any idea when?

O. K., that's it for now. Please get back to me about the critical matters above as soon as you can. I am determined not to give up on this!

All the best, also to your dear wife.

Yours cordially,

c:PKS

Alfred Traverse

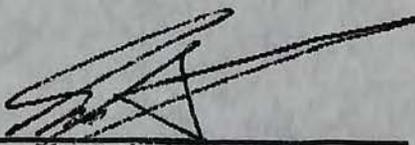
SAUDI ARABIAN OIL COMPANY

FACSIMILE COVER SHEET GEOLOGICAL DEPARTMENT - R&D DIVISION X-4270, Dhahran 31311 Saudi Arabia			
PRIORITY:	ROU	DATE:	3/31/93
TO:	Dr. Alfred Traverse PennState University Dept. of Geosciences, 435 Deike Building PA16802	FAX:	814 863-7823
FROM:	S. Al-Hajri	FAX:	966-3-873-1009
APPROVAL:	G.A. Al-Daher, Chief Geologist 		

Dear Alfred:

Sorry it has taken me so long to write you back, but it was because of "end of Ramadan holidays". In regard to the manuscript I think we can address the points raised by the reviewers, especially what deals with the age of the Hanadir Member. For example, we can add to the last paragraph in page 2 that "the cryptospores were recovered in samples together with index Llanvirn chitinozoans such as *Siphonochitina formosa* Jenkins 1967, *Jenkinochitina vulgaris* (Jenkins 1967), *Linochitina pissotensis* Paris 1981, *Halochitina retracta* Eisenck 1951, and others (Al-Hajri in press, McClure 1988).

I have no objection to Strother's being a third author, or to submitting elsewhere. I can provide you with more slides/raw samples from other wells of core samples to compare with those we looked at from the wells RA and FH (or if Strother is willing to look at those). I will send you the SEM photos by mail.


S. Al-Hajri

-Al-Hajri, S. ?1993. Biostratigraphy of the Ordovician chitinozoa of Northwestern Saudi Arabia, presented at the 8th IPC (6-12 Sept 1992).

-McClure, H.A. 1988. Chitinozoan and acritarch assemblages, stratigraphy and biogeography of the Early Palaeozoic of Northwest Arabia, Rev. Palaeobot. Palynol., 56; 41-60.

BAH:eshr/P53

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
PALYNOLOGICAL LABORATORIES
435 DEIKE BUILDING
UNIVERSITY PARK, PA 16802
Phone: (814)863-3419; Fax: 814-863-7823

17 March, 1993

Said A. Al-Hajri
P. O. Box 2141
Aramco
Dhahran, Saudi Arabia

Dear Said:

Your current number of Journal of Micropalaeontology came here today (as did mine).

I am sending the journal on to you, but I suggest that as soon as it comes, you arrange for it to be sent to you in SA. It is helpful to enclose the label from their package when you write.

Please let me have your reactions re the article asap. One thing that you could surely do is answer the stratigraphic objections by responding directly to the objections that were raised. Lists of chitinozoan species, answers to the objection that the samples are "only ditch samples," etc.

All the best to you. I dearly wish I could invite you in from next door for one of those great talks we used to have.

Yours very truly,

Alfred Traverse

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
PALYNOLOGICAL LABORATORIES
435 DEIKE BUILDING
UNIVERSITY PARK, PA 16802
Phone: (814)863-3419; Fax: 814-863-7823

8 February, 1993

Mr. Said Al-Hajri
Geological Department, R. & D. Division
Saudi Arabian Oil Company
X-4270, Dhahran 31311
Saudi Arabia

Dear Said:

Your fax of 6 Feb is in. However, the subject is at present moot for reasons outlined in a letter I mailed to you yesterday.

I have by no means given up the idea of an article on this important subject, in Nature or elsewhere. I believe that the reviewers (I can guess who each of them is) make some good points and some I would argue. One of the most critical matters is one that you can answer. They object that, since the dating of the rocks is so important, you need to provide more information substantiating the Llanvirn age. I would suppose that means that there must be more information about the chitinozoans and more about the certainty of the dating from field relations. You should be able to do that, and I await something from you about it. You can see from the reviews, particularly from one of them, what you need to provide. I can address the other questions and will get on that soon. I also recall that at one point you said that you had further information about the fossils themselves that you'd like to add. Perhaps I should have that too to see what the impact would be.

I have put your fax with the other materials about the paper, and will surely make those minor changes when we learn what to do-- revise for Nature, or send somewhere else. Suggestions?

All the best.

Yours very truly,

Alfred Traverse

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
PALYNOLOGICAL LABORATORIES
435 DEIKE BUILDING
UNIVERSITY PARK, PA 16802
Phone: (814)863-3419; Fax: 814-863-7823

5 February, 1993

Said Al-Hajri
P. O. Box 2141
ARAMCO
Dharan 31311, Saudi Arabia

Dear Said:

This is painful. After an interminable period (Ms. was received by them 11 Nov., 1992) Nature has turned down our paper. I enclose xerox copies of the reviewers' comments. I don't agree with some of them, but it doesn't matter--the MS is shot down.

So, what do we do now? Paul Strother is coming here in a couple of weeks to work with me for some weeks. I just talked with him on the phone about what he thinks we should do. I believe we should expand the paper some, correct the things that were criticized and resubmit it (elsewhere). If you agree, and if he makes enough of a contribution, Strother could be a third author. I recall that you had more info--SEM pics and whatnot--that could be added to the expanded version. Let me hear what you think. I am really determined to get something out on this material, as I know you are.

This is very frustrating, but not unprecedented. Even my Brandon lignite paper was turned down the first time I submitted it!

Best regards.

Yours very truly,

Alfred Traverse

encl

A. Traverse

Beethovenstr. 36, Nr. 25

6000 Frankfurt a. M. 1

Deutschland (Germany)

19 Feb. 1992

Dear David,

Your undated letter postmarked
7 Jan. was just received here -
J. Bailey sends me a package of
mail about every two weeks.

The additional info is very useful.
Unfortunately, as far as I know, this
is the first I've heard about your
wanting to give a paper on the subject
at SIPC - good idea, but no way
we can now make a 1st or 2nd deadline!

My first job here was to finish the BOOK!
That I've almost accomplished. Now the
A + T paper is up - should go quite
fast. I would suggest publication in
Nature. More about that later.

Thanks so much for the plant stamps.
Are there more? Could I have some
"mint" samples? (I'll pay when we
next meet!) Could you get the Latin
names? So that the Arabic name is
tiny letters at the bottom?

We're getting along well, though the
apartment is very small (one small
room, bath, shared kitchen - with
an Indian lady!).

I gave a lecture in Switzerland
last week. Betty went skiing
with old friends. But I can
right back to get at the work!

All the best. Hope
soon.

Alfred

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
PALYNOLOGICAL LABORATORIES
435 DEIKE BUILDING
UNIVERSITY PARK, PA 16802
Phone: (814)863-3419; Fax: 814-863-7823

15 September, 1992

Said Al-Hajri
P.O. Box 2141
ARAMCO
Dharan 31311, Saudi Arabia

Dear Said:

Am waiting anxiously for word on the pre-lim paper!

Just took down the (yellow with age) slip for you on the office door I use for that purpose. On it are mentioned some publications that aren't scratched off, nor are they in their appropriate reprint boxes:

Jekhowsky & Taugourdeau 1959
Al-Ameri 1986, 1983, 1982
Cramer 1978

Do you remember what the deal was on these?

Best.

Yours very truly,

Alfred Traverse

AT/et

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
PALYNOLOGICAL LABORATORIES
435 DEIKE BUILDING
UNIVERSITY PARK, PA 16802
Phone: (814)863-3419; Fax: 814-863-7823

9 September, 1992

Said Al-Hajri
P.O. Box 2141, ARAMCO
Dharan 31311, Saudi Arabia

Dear Said:

Here's the latest update on the paper. I presume you will have seen "version 3", sent with Carmen Moy to Aix. Since then I've had Figs. 2 and 3 redrafted. In Fig. 2, I changed the items (Zarqa & Qalibah) that were different in the revised stratigraphy you sent with your fax letter of 26 August. I would rather not redraft the whole figure (drafting has already cost me more than \$100). In Fig. 3 I simply cut the acritarch bar a bit, and it works out o.k. Comparison with the graph for the other wells convinces me that this is good enough--it's only a general guesstimate sort of thing.

Now, old friend, time is of the essence! Please fax me your corrections, Aramco's permission, etc. right away!

Yours very truly,

Alfred Traverse

AT/et

FORSCHUNGSINSTITUT UND NATURMUSEUM SENCKENBERG
PALAEOBOTANISCHE SEKTION
SENCKENBERGANLAGE 25
6000 FRANKFURT A.M. 1, DEUTSCHLAND (Germany)
fax: 069-794-004-37; phone: 069-794-004-50

faxed to: 00966-387-40-826

4 May, 1992

Said Al-Hajri
Aramco, Dharan,
Saudi Arabia

Dear Said:

This is to report in!

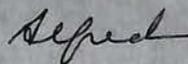
The sedimentation book MS went off to Cambridge University Press in February. I have now finished my chapter for Jansonius' book.

I am therefore working on the Alhajri & Traverse paper for Nature (Science?) It's good that you provided both England Finder and stage coordinates for your list of fossils! I was able to figure out a conversion factor from the scope you used to mine here (add 1.0 and 60.9). However, it doesn't always work, and I can fall back on EF nos.

It would be comforting to get a fax back from you to assure me that you are still in agreement with my finishing and submitting the paper. I'll probably have questions and so forth pretty soon.

EMPFÄNGER : -/0096638740826
SENDER : SNG KUHWALDSTRASSE
DATUM : 04 MAI '92 10:46
DAUER : 00'47
MODUS : STAND
SEIT : 01
ERGEBNIS : OK

Yours very truly,



Alfred Traverse

AT/et

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
PALYNOLOGICAL LABORATORIES
435 DEIKE BUILDING
UNIVERSITY PARK, PA 16802
Phone: (814)863-3419; Fax: 814-863-7823

18 December, 1991

Said A. Alhajri
P.O. Box 2141 Aramco
Dharhan, Saudi Arabia

Dear Said:

Thanks for the filled out chart--that will be useful for the eventual tetrads, etc., paper. I also greatly appreciated the plant stamps!

I was hoping you'd call, as I wanted to talk about aspects of the project before we leave for Germany (what to take, etc.). I was astonished that the Houston office refused to give me your fax number.

Happy 1992 to your whole family.

Yours very truly,

Alfred Traverse

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
PALYNOLOGICAL LABORATORIES
435 DEIKE BUILDING
UNIVERSITY PARK, PA 16802
Phone: (814)863-3419; Fax: 814-863-7823

5 December, 1991

Said Alhajri
P.O. Box 315
Ad-Dammam, Saudi Arabia

Dear Said:

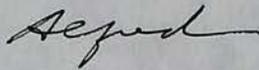
Before I leave for Germany for six months (27 Dec.) I urgently need to talk with you about a couple of research interests of mine relating to your recently completed master's work here.

Could you phone me? Office phone on letterhead. Home phone:

814-643-1958 between 7-10 p.m. or 5-7 a.m.
(This would probably be best--be sure to allow for time difference!)

Hope all goes well with you. I really miss you.

Yours very truly,



Alfred Traverse

AT/et

Ali Soliman Ali,
Geology Department,
Faculty of Science,
Tanta University,
Tanta 35127,
EGYPT.

Dear Sir,

Thank you very much about your book
'PALEOPALYNOLOGY', its very good and very helpfull
for the bigginer as me. Also thanks for its easy
language and Contents which deals with every things

I'm very intersted to your publications
about Mesozoic Era which will help me in my
M.Sc. project. Ask advice about surface samples
'Custions', and how avoid oxidation zones.

Thanks for your helping and Cooperations
Keep in touch

Yours

Ali Soliman Ali
29/4/97

Ali Soliman Ali



THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
PALYNOLOGICAL LABORATORIES
435 DEIKE BUILDING
UNIVERSITY PARK, PA 16802, USA
Phone: (814)863-3419; Fax: 814-863-7823
E-Mail: traverse@ems.psu.edu

16 May, 1997

Dr. Wajih A. K. Al-Jumaily
Libya, Al-Khomus
P. O. Box 41735
Libyan Republic

Dear Dr. Al-Jumaily:

Thanks for the nice letter with the extremely interesting postage stamps and the fascinating postcard of Leptis Magna's Roman theatre! My wife and I are just back from a trip to Italy--in Sicily we saw a number of such theatres--none in as good shape as the one on your postcard.

Unfortunately for your plans, I must tell you (as you can see from the signature line below) that I am now officially retired, with emeritus status. While I am remaining active in palynology, I have no students, graduate or undergraduate, and there is officially no program in palynology here.

Hoping that you have much success in the future, I am

Yours very truly,

Alfred Traverse
Professor Emeritus of Palynology

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
PALYNOLOGICAL LABORATORIES
435 DEIKE BUILDING
UNIVERSITY PARK, PA 16802
Phone: (814)863-3419; Fax: 814-863-7823

8 February, 1993

Mr. Wajih A. K. Al-Jumaily
Department of Geology
College of Science
University of Baghdad
Al-Jadiriya Baghdad
Iraq 12915

Dear Mr. Al-Jamaily:

Thanks for yours of 25 Jan. I recently also got a letter from Ahmed Berbackesh, who must be a friend of yours--in the same department. I enclose a copy of my letter to him, as it is also appropriate for you. I also enclose copies of the few reprints I now have available for distribution.

Best regards.

Yours very truly,

Alfred Traverse
Professor of Palynology

Encl

WAJIH A. K. AL-JUMAILY
DEPARTMENT OF GEOLOGY
COLLEGE OF SCIENCE
UNIVERSITY OF BAGHDAD
AL-JADIRIYA BAGHDAD
REPUBLIC OF IRAQ 12915

25/4/1993

Prof. Dr. A. T. Rowser
Department of Geoscience
435 Deike Building
Pennsylvania State University,
University Park, Pennsylvania
United States 16802

DEAR SIR :

I have lately had the opportunity to read your
Catalogue: Catalogue of fossil spores and Pollen [Carboniferous
age]. and your Book: { Paleopalynology },
especially about the Palaeobotanical apparatus

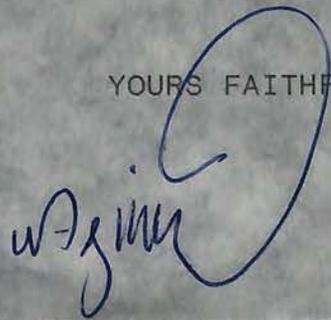
; and found it most useful for me in my Ph.D. study.

I wonder if you could kindly send me some reprints [or
photo-copies] of your related works.

looking forward to hearing from you

with my best regards

YOURS FAITHFULLY



WAJIH A. K. AL-JUMAILY

3 October, 1986

Dr. K. C. Allen
Department of Botany
The University
Bristol, U.K. B58 1UG

Dear Dr. Allen:

Many thanks for the reprints of your 1982 papers in P&S and Palaeontology (with J.E.A. Marshall). I now can afford neither journal, so reprints are especially welcome. IN our work in the Givetian-Frasnian of this general area, we are using your work constantly.

Best wishes.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

ca. 10 Nov. 91

POSTGRADUATE RESEARCH INSTITUTE FOR
SEDIMENTOLOGY

The University, P.O. Box 227, Whiteknights, Reading RG6 2AB

Professor Alfred Traverse,
The Pennsylvania State University,
Dept. of Geosciences,
Palynological Laboratories,
435 Dieke Building,
University Park,
PA 16802.

Dear Dr. Traverse,

Thanks for your letter of 18th October 1991 and the reprints! I am afraid that I do not have any reprints of my chapter in the taphonomy book as they were too expensive (of the order of \$5 a piece). The book has however, been published although I do not know its cost, I would guess that it will retail for about \$120 as this is the cost for the other Plenum volumes in the "Topics in Geobiology" series. The full blurb is as follows,-

Allison, P. A., & Briggs, D. E. G. (eds.), 1991, Taphonomy: releasing the data locked in the fossil record, volume 10 in the "Topics in geobiology series" Plenum Press, New York.

order 9

Your work on fungal spores interests me and I would be very grateful if you could send me reprints when your work on this subject is published.

Best wishes for the festive season,

Peter Allison

Peter A. Allison

January 25, 1973

Dr. William F. von Almen
Chevron Oil Company
California Co. Division
1111 Tulane Avenue
New Orleans, Louisiana 70112

Dear Bill:

Thank you so much for your nice letter of 16 January--amazingly prompt both as to your taking care of the request and as to the delivery time for Uncle Sam. I much appreciate the ~~in~~formation and am getting off an order for some of the stuff in the immediate future so that we can try it. *missions*

One of the fallout advantages of the recent short course was that I got to know a few people a little better, and you are one especially I especially am thinking of. Another time, I hope we can do even more visiting. I must say that the gang of people we have in palynology is absolutely first rate, with very few exceptions.

Best regards as always.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi



Chevron Oil Company
The California Company Division
1111 Tulane Avenue, New Orleans, LA 70112

January 16, 1973

Dr. Alfred Traverse
529 Deike Building
Pennsylvania State University
University Park, Pennsylvania 16802

Dear Al,

Enclosed is the information you requested on the NITEX monofilament screen cloth, plus a sample of the HC 15 that we use.

We have tried the HC 54, HC 20 and HC 15 and have found that the HC 15 is the most satisfactory. We do not have a price list as our orders are handled by our purchasing department, but I can give you the following information that I verbally received from our research people in California:

1. Manufacturer will accept a minimum order of \$15.00 which can consist of short lengths of varying sizes of the screen cloth.
2. An example of the cost is \$2.53/sq. ft. for the HC 20 screen cloth.
3. Price information is available from one of the offices listed on the enclosed sheet.
4. All stock is shipped from the New York office.

If you need any other information, don't hesitate to let me know.

Best Regards,

A handwritten signature in black ink that reads "Bill".

William F. von Almen

WFvA:sb

Enclosures (2)

April 19, 1974

Almqvist & Wiksell Periodical Co.
Box 62
S.-101 20 Stockholm 1, Sweden

Dear Sirs:

This is with reference to my earlier letter of 8 February regarding an apparently missing number of Grana. The replacement has just come and fortunately included the copy of my original letter. If it had not been for that I probably never would have got the journal because it was not addressed to me personally. In the future, please address items for me as follows:

Dr. Alfred Traverse
Deike Building 529
Pennsylvania State University
University Park, PA 16802 USA

Do not address future numbers of Grana, etc., as you did on the enclosed address label or I will be very likely not to get the journals.

Thank you.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/vsi
Enclosure: sample label

THE PENNSYLVANIA STATE UNIVERSITY

DEIKE BUILDING
UNIVERSITY PARK, PENNSYLVANIA 16802

College of Earth and Mineral Sciences
Department of Geosciences
Palynological Laboratories

Area Code 814
865-6543
865-2342

August 24, 1973

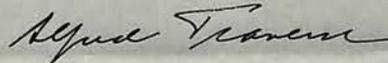
Mr. B. Sjöström
Almqvist & Wiksell Periodical Co.
26 Gamla Brogatan
P.O. Box 62
S. 101 20 Stockholm 1, Sweden

Dear Mr. Sjöström:

Thank you for yours of 20 August. It is interesting to hear of the delay in publication of vol. 12, no. 3 of Grana.

However, that is not what the main thrust of my letters of the 3rd and 9th of August was. Instead, I was asserting that I had paid for volume 12 and volume 13 and gave reference to the check numbers involved. This was because I had earlier had a communication from your company indicating that I had not paid. If your records do not show a payment by me for these volumes I would appreciate hearing about it.

Yours very truly,



Alfred Traverse
Professor of Geology & Biology

AT/vsi

With compliments

Dear Sir,

Excuse me for missing the main point.
Your payment for volume 13 has safely arrived.

B. Sjöström

**ALMQVIST
& WIKSELL**

International Booksellers &
Publishers
26, Gamla Brogatan
S-101 20 Stockholm, Sweden

August 9, 1973

Almqvist & Wiksell
26 Gamla Brogatan
P.O. Box 62
S-101 20 Stockholm 1
Sweden

Dear Sirs:

Recently I wrote you with reference to my subscription to Grana, having to do with my subscription to Volume 12. I presented information supporting my claim that I paid for a subscription to Volume 12 in December of 1972.

The purpose of this letter is to call your attention further to the fact that I ~~pp~~aid for my subscription for the year 1973, with a check dated 3 June, 1973, my number 654.

Hoping that this is all straightened out, and that I will presently get the missing number from Volume 12 and Volume 13 as it has appeared, I am

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

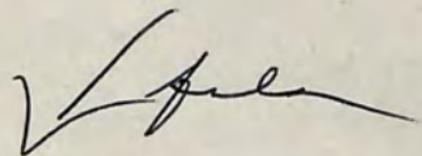
Stockholm D 19th, 1972

check # 379 !

Date 7 Sep. 1972

Dear Sir:

It is correct that you have an standing order to Grana but ou last incoive to cover Vol. 12/1972 stands still open. We have therefore sent you a copy of our invoice. Please check when you paid our invoice no. 946166 and inform us so we can start to send you the published issues.



Sincerely

K. Wallström
K. Wallström

**ALMQVIST
& WIKSELL**

Storbokhandeln vid Hötorgscity

Gamla Brogatan 26 • Tel. 08/237990

Box 62 • 101 20 Stockholm 1

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
PALYNOLOGICAL LABORATORIES
435 DEIKE BUILDING
UNIVERSITY PARK, PA 16802, USA
Phone: (814)863-3419; Fax: 814-863-7823

1 February, 1994

Talib K. Al-Najar
Department of Geology
College of Science
Bagdad University
Baghdad, Jaderiyah, Iraq 12915

Dear Friend:

Thanks for yours of recent date.

Regarding literature--one item you should have is a copy of my book, "Paleopalynology, 1988, Unwin-Hyman, 600 pp." I can't give you a copy of it, but I have a few copies I obtained at author's price. I could let you have one for my cost--\$35.

Other than that, I have no reprints for Cretaceous materials. I also have no assistance or funds to have somebody make you xeroxes of appropriate articles.

Sorry to be so unhelpful, but I don't know what else I can do or say. You clearly need to get to an institution with better library facilities than you probably have available in Iraq. Of the places that are politically possible, Russia seems the best suggestion. You also need some money for the xerox machine.

Best wishes.

Yours very truly,

Alfred Traverse

Talib K. AL-Najar
Department of Geology
College of Science
Baghdad University
Bagdad, Saderiyah
Iraq 12915

Dear Sir

I am post graduate student searching on palynostratigraphy and palynological maturation in The Cretaceous strata in Iraq.

Dear sir I need to read some references and articles about this subject, so that I will be very much appreciate if you could send to me all your articles and references related to [palynology organic maturation, stratigraphy].

Thank you in advance best wishes and regard from Iraq.

your faithfully
Talib K. AL-Najar

February 1, 1967

Dr. B. Alpern
Centre d'Etudes et de Recherches des Charbonnages de France
Verneuil-en-Halatte
B. P. 27
Creil (Oise), France

Dear Dr. Alpern:

In connection with my assuming duties here as (among other things) professor of palynology, I have come into possession of remains of the sets of slides apparently obtained some time ago from Cerchar, "Collection Internationale de Diapositives en Couleurs de Microspores du Paleozoique". (C. I. M. P.)

I wonder if you could have somebody provide me with some pieces of information about these sets of slides:

1. Are they still obtainable? I would like to fill in the blanks that have apparently been caused by loss of several of the boxes of slides. How much do they cost?
2. Some of the slides that I have carry numbers such as: 10a and 15b, etc. I cannot locate a list of the names of the fossils pictured. Could I be provided with a duplicate list that would identify these slides? (The slides that bear numbers such as 75, 92, etc., I have been able to identify on a mimeographed list that we have, but there seems to be no list for the slides numbered with suffix "a", "b", etc.)

I do hope that you can help me reassemble this very useful collection of photos.

Yours very truly,

Alfred Traverse
~~Associate~~ Professor of Geology

Alfred Traverse

AT:kaw

LABORATOIRE DU
CENTRE D'ÉTUDES ET RECHERCHES
DES
CHARBONNAGES
DE FRANCE

CERCHAR
TÉLÉPHONE : 85 CREIL

VERNEUIL-EN-HALATTE, LS 2 NOV. 1966
B. P. 27 CREIL (OISE)

n/réf. P-BA1/LA

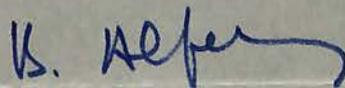
v/réf.

Docteur Alfred TRAVERSE
Dept of Geology and Geophysics
Pennsylvania State University
University Park, Pa. 16 802
(U.S.A.)

Cher Monsieur,

J'ai bien reçu les négatifs des spores prélevées dans
le volume 18 de votre catalogue.

Je vous en remercie et vous prie de croire, Cher Monsieur,
en mes sentiments les meilleurs.



B. ALPERN.

27 September, 1966

Dr. B. Alpern
Centre d'Etudes et de Recherches des Charbonnages de France
Verneuil-en-Halatte
B. P. no. 27
Creil (Oise), France

Dear Dr. Alpern:

In connection with assuming a degree of responsibility for the Catalog of Fossil Spores and Pollen as editor, I find that there are some negatives and other illustrations to be returned to authors. Among these are 35 mm. negatives you lent us for use in Volume 18. I return them herewith, with our thanks for your cooperation and for your patience.

It is distressing to me to note that most of the little paper labels on the negatives have become attached. Apparently the mucilage did not make a good enough bond. I thought it best not to attempt to mate the labels with the negatives, but to leave that to you.

With best wishes.

Alfred Traverse, Editor
Catalog of Fossil Spores and Pollen



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
Region V
2908 Colfax Avenue South
Minneapolis 8, Minnesota

RECEIVED

MAY 6 1952

U. S. Bureau of Mines
Grand Forks, North Dakota

April 28, 1952

Memorandum

To: Dr. Alfred F. Traverse, Technologist (Coal), Fuels Technology Division, Region V, Grand Forks, North Dakota

From: Regional Director, Region V

Subject: Authorization for signing official correspondence

At the request of Alex C. Burr, Chief, Fuels Technology Division, Region V, and in accordance with the requirements of your work, you are authorized to sign correspondence to persons other than the Bureau, or to persons or organizations outside the Bureau, with regard to matters as required by your work. This authorization is issued under Administrative Order No. 536-C, paragraph 8, on page 3. You will note that this authorization is limited by requirements of the Administrative Order, as stated in other paragraphs. This authorization permits you to sign such correspondence, using the title of "Coal Technologist".


PAUL T. ALLSMAN

6 November, 1984

Dr. Sidney Altman
Chairman, Dept. of Biology KBT
Yale University, Box 6666
New Haven, CT 06511

Dear Dr. Altman:

A graduate student and I have just returned here from the Harvard Forest, where we attended the annual Northeast Paleobotanical Conference. As you may know, this marvellous conference was conceived and is planned and carried out each year as a more or less thankless task by Dr. Bruce H. Tiffney. I am sure Bruce would never blow his own horn about this, but his work for perpetuation of this ~~great~~ conference must be called to the attention of appropriate people at Yale. The good that comes out of these conferences--in terms of research results--is out of all proportion to the number of participants or amount of publicity the conference attracts. Dr. Tiffney is to be highly commended for his work with "NEPBC".

Thanks for reading.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

IMPERIAL COLLEGE OF SCIENCE AND TECHNOLOGY

Department of Pure and Applied Biology
Prince Consort Road, London SW7 2BB
Telephone: 01-589 5111 Telex: 261503



Professor A. Traverse
The Pennsylvania State University
College of Earth and Mineral Sciences
University Park
Pennsylvania 16802
U.S.A.

18 November 1981

Dear Al

Many thanks for your letter of 11 November.

What you say is great! It confirms my views concerning the nomenclature and I am expressing these views in my forthcoming review for the Congress Symposium proceedings.

Sorry for my slip over Schenk. I meant 'Cheirolepis Schimper'. (The type species is Brachyphyllum muensteri Schenk).

Concerning the date of Taktajan's publication, as I understand it, this wasn't published until 1963 although it was written in 1956 and he used this date himself on p 249. According to Doludenko (1978: p. 387) this was simply because the date was not corrected in proof.

Best wishes

Yours sincerely

A handwritten signature in cursive script that reads 'Ken'.

K.L. ALVIN

11 November, 1981

Dr. K. L. Alvin
Department of Pure & Applied Biology
Imperial College of Science & Technology
Prince Consort Road
London SW7 2BB, U.K.

Dear Ken:

Your letter of 6 October was fun. I called my nomenclatural pal and helper, Dan Nicolson, at the Smithsonian, and discussed parts of it with him. Comments, all of which assume that the basic facts in your letter are correct, follow:

1. The family name Cheirolepidaceae is illegitimate because based on illegitimate generic name (see 1978 ICBN Art. 18.3). (It was validly published, but that doesn't help.)

2. The family name Cheirolepidiaceae Takhtajan, also validly published, appears to be legitimate because based on a legitimate generic name, Cheirolepidium. The family name is legitimate, regardless of the taxonomic history of the genus. (Dan N. quotes an analogy-- Caryophyllaceae is based on the long since taxonomically abandoned genus, Caryophyllus. That generic concept is now embodied in Dianthus, but we do not have to substitute Dianthaceae!)

3. Hirmeriella does seem to be the correct name for the generic concept also known as Cheirolepidium. Hirmeriella has a different type from Cheirolepidium, according to my secondary sources. Therefore, the fact that they are synonymous doesn't challenge the legitimacy of Cheirolepidium.

4. Hirmerellaceae (or Hirmerelliaceae) has no standing if not formally published, and in any case, publication of such a name would be superfluous because we already have in Cheirolepidiaceae a legitimate family name. (Jung's change in the spelling of Hirmeriella was not justified, as far as I can tell.)

5. It is possible (we haven't seen the relevant papers), as Nicolson points out, that Harris inadvertently published the family name Hirmerelliaceae, if he cited Jung's Hirmerelloidae, but it presumably doesn't matter, if he did or not, because Cheirolepidiaceae seems to be o.k., and Hirmerelliaceae would be superfluous.

6. You refer to "Cheirolepis Schenk", but Andrews' Index lists

Alvin, pg. 2

Schimper as author of the genus, as does the title of Hörhammer's paper (which I haven't seen). Can you explain?

7. The date of Takhtajan's publication of Cheirolepidium should apparently be 1956, not 1963, as you cite it? (I depend here on Andrews' Index, and on ING.)

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et
cc: Dr. Dan Nicolson

IMPERIAL COLLEGE OF SCIENCE AND TECHNOLOGY

Department of Pure and Applied Biology
Prince Consort Road, London SW7 2BB
Telephone: 01-589 5111 Telex: 261503



KLA/GA

6th October, 1981

Professor A. Traverse,
Department of Geosciences,
Palynological Laboratories,
Pennsylvania State University,
University Park,
Pennsylvania 16802, U.S.A.

*Does the change
of Cheirolepis affect
the family name?*

Dear Al.,

Thanks for your letter of 23rd September.

The problem is quite complex. The family name Cheirolepidaceae Hirmer & Hörhammer (1934) was based on Cheirolepis Schenk. This generic name, however, as Takhtajan (1963) pointed out, is a later homonym of Cheirolepis Boissier, a genus of Compositae and therefore illegitimate. Takhtajan (Principles of Palaeontology, 1963 p.249) therefore proposed Cheirolepidium for Cheirolepis Schenk and at the same time the family name Cheirolepidiaceae.

What complicates the issue, however, is that in 1968 Jung showed that Cheirolepis Schenk (= Cheirolepidium Takhtajan) was the same as Hirmeriella Hörhammer (1933). So the current valid name for the genus is Hirmeriella, Cheirolepidium being a synonym.

A further complication, though irrelevant to the argument concerning the family name, arises from the fact that Jung changed ("corrected") the spelling of Hirmeriella to 'Hirmerella' and also proposed a sub-family name 'Hirmerelloidae', putting this within the family Voltziaceae. Harris (1979) in his last volume of the Yorkshire Jurassic Flora used the name Hirmerellaceae. I do not think any one else had used this name before, but I could be wrong. As far as I know it has never been formally proposed.

acc. to Jung?

I, like most others, use Takhtajan's Cheirolepidiaceae. I also think Jung was unjustified in changing the spelling of Hirmeriella.

! has no standing

Does all this help?

Yours sincerely,

Kan

K.L. Alvin

P.S. The arguments are pretty well set out by Doludenko (Paleont. Zhur., 1978, pp. 107-121) but she complicates it a bit more by saying that Cheirolepidium Takhtajan (1963) was not properly published because Takhtajan used the wrong date of his (that very) paper after the new name (p. 249)!

23 September, 1981

Dr. Kenneth L. Alvin
Imperial College of Science & Technology
London SW7, U.K.

Dear Ken:

discussing name

Perhaps you recall the vexed question of the name Cheirolepidaceae. The governing article is ICBN Art. 18.3. According to that article, Cheirolepidae would be in trouble, as it derives from an illegitimate generic name, Cheirolepis. Cheirolepidaceae derives apparently from Chierolepidium, which, on the other hand, is legitimate as far as I know. (Did somebody publish the family name--if so, who?) But what of Hirmerella and Hirmerellaceae? I would really appreciate your comments, so that I handle this right when I deal with Corollina (Classopollis), as I often do.

It was good to get to know you a teeny bit better. All the best.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
PALYNOLOGICAL LABORATORIES
435 Deike Building
University Park, PA 16802
phone: 814-863-3419; fax: 814-865-3191

6 February, 1991

Dr. Richard W. Hedlund
Amoco Production Co.
Research Center
P.O. Box 591
Tulsa, OK 74102

Dear Dick:

Here are the two forms re S. Aly, one for you, one for Bruce Masters. Although it says to return to candidate (I hate that!), don't do it. Instead, send them directly to:

Graduate Admissions
Dept. of Geosciences, PSU
303 Deike Building
University Park, PA 16802

att: Linda Gruhn

We have also instituted a search to see what happened to the one you already sent in--perhaps came during Xmas break and got lost in a mailbag somewhere? (A bunch of our home mail from 12-14 Dec. was just found in a plastic bag in a neighbor's basement!)

Thanks for your interest. Good to talk to you.

Yours very truly,

Alfred Traverse

AT/et
encl

TO Dr. Traverse

DATE 2/5/91 TIME 1:50

WHILE YOU WERE OUT

M. Shaaban Aly

Of Egypt

Phone 405 - 247-0

TELEPHONED PLEASE

TO Betty

DATE 2-5 TIME 10:50

WHILE YOU WERE OUT

Shaaban, Aloi
Egypt

TO Alfred

DATE 2-5 TIME 4:00

WHILE YOU WERE OUT

M. Dick Hedlund

Of Tulsa, OK

Phone 918 660 3766

TELEPHONED PLEASE RETURN CALL

CALLED TO SEE YOU WILL CALL AGAIN

RETURNED YOUR CALL RUSH

MESSAGE If you are tight

in money, you can

reverse the charges

He said via fax - but we don't have

Bruce Masters got no forms

u.s. Aly Signed Judith

The Standard Register Company

PLEASE RETURN CALL

SEE YOU WILL CALL AGAIN

OUR CALL RUSH

He will call
ed later today.

Signed Judy

The Standard Register Company

ARE in April in
cards, would to know status of application
here (not much in)

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
PALYNOLOGICAL LABORATORIES
435 Deike Building
University Park, PA 16802
phone: 814-863-3419 fax: 814-865-3191

26 November, 1990

Shaaban M. Aly
Gulf of Suez Petroleum Co.
Palestine St. - 4th Sector
P.O. Box 2400
New Maadi, Cairo, Egypt 11511

Dear Mr. Aly:

Thanks for yours of 31 October, 1990. It's good to know you're working away on the requirements for admission.

It would be very helpful if you could visit us here in February, 1991. Among other things, my present Saudi graduate student could give you an Arabian-slanted evaluation of our work!

All the best.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et
cc: L. Gruhn

SHAABAN M. ALY

Gulf of Suez Petroleum Company
Palestine Street - Fourth Sector
P. O. Box 2400
New Maadi, Cairo, Egypt 11511

31 October 1990

Professor Alfred Traverse
Pennsylvania State University
Department of Geoscience
Palynological Laboratories
435 Deika Building
University Park, PA 16802

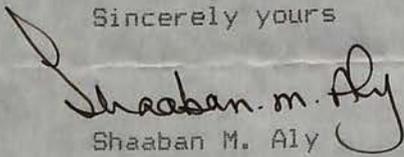
Dear Professor Traverse:

Thank you for your letter of September 24, 1990. I would like to inform you that I am working on all the requirements for admission into Graduate school at Penn State University. The Evaluation letters have already been sent to my colleagues in the U.S. I will take the TOEFL Test in December 1990. Because of previous commitments in Egypt, I will take the GRE Test in February 1991, to be available for admission in the Fall semester 1991.

I will be in Oklahoma City, OK, in February 1991. I will either telephone you from Oklahoma City, or if possible, visit you at Penn State.

Thank you.

Sincerely yours


Shaaban M. Aly

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
PALYNOLOGICAL LABORATORIES
435 Deike Building
University Park, PA 16802
phone: 814-863-3419; fax: 814-865-3191

24 September, 1990

Shaaban M. Aly
Gulf of Suez Petroleum Company
Palestine Street- Fourth Sector
P.O. Box 2400
New Maadi, Cairo, Egypt 11511

Dear Mr. Aly:

Thanks for your interesting letter of 8 Sept. 90.

You would be welcome here to work on an M.S. and/or Ph.D. I am having the appropriate person (Linda Gruhn) send you the usual application materials. You should take the TOEFL and GRE exams as soon as possible--probably given at the University in Cairo.

Although neither quantitative palynostratigraphy nor sequence stratigraphy is among my major claims to fame (although I have done lots of palynostratigraphy), we could learn together. This large university has resources and personnel that would make such a study feasible. Our palynological facilities are the best! There are people at the U.S. Geological Survey in Reston, Virginia, who are expert in both of your areas and could help us.

I do not, however, have any funding for you at the moment. If your English is good enough, you could be a teaching assistant. Eventually I might have grant money, but I am being candid with you in saying that I can't give you support money in the immediate future.

Best wishes.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et
cc: L. Gruhn

SHAABAN M. ALY

Gulf of Suez Petroleum Company
Palestine Street - Fourth Sector
P. O. Box 2400
New Maadi, Cairo, Egypt 11511

8 September 1990

Professor Alfred Traverse
Department of GeoSciences
Pennsylvania State University
485 Deike Building
University Park, PA 16802

Dear Professor Traverse:

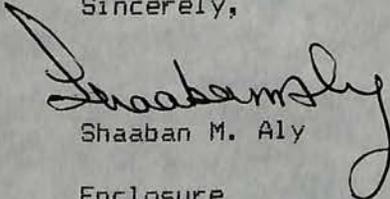
I am writing to inquire about the Master of Science or Doctorate Degree at your University. I am employed as a Palynostratigrapher-Geologist in GUPCO (Amoco-Egypt) since 1975. I have enclosed a copy of my resume for your information.

I am interested in Integration of Quantitative Palynostratigraphy and Paleoenvironment Analysis (Marine and non-Marine Sediments) to Sequence Stratigraphy.

The acquisition of a permanent visa or green card required by the United States will be easily obtainable as my wife is an American citizen.

I look forward to your answer as soon as possible, and will contact you while I am in the United States in February 1991.

Sincerely,


Shaaban M. Aly

Enclosure

SHAABAN M. ALY

Gulf of Suez Petroleum Company
GUPCO
P. O. Box 2400, New Maadi
Cairo, Egypt
352-6285, ext 1406, 352-2320

- OBJECTIVE** Completing a Master of Science or Doctorate Degree at an American University
- QUALIFIED BY** Five years as Micropaleontologist/Stratigrapher. One year as a Field Geologist. Ten years as Palynologist/Stratigrapher and project team leader. Fluent in English, French and Arabic.
- EDUCATION** University: B.S., Geology, Alexandria University, Alexandria, Egypt, 1974
- o Liege University, Palynological Department, Liege, Belgium, 1984 - Training on the Paleozoic Palynomorphs
- Industry Schools & Conferences: Exploration Geophysics for Geologists (AMOCO - 1979, Tulsa, OK); Well Log Interpretation Fundamentals (AMOCO - 1979, Tulsa, OK); Evaluation of Drilling and Testing Data (AMOCO - 1979, Tulsa, OK); 13th AASP Annual Meeting (Colorado Keystone, 1981); Geochemistry for Geologists and Geophysicists (OGCI, New Orleans, LA, 1985); Exploration Methods for Sandstone Reservoirs (OGCI, New Orleans, LA, 1985); Applied Sedimentology in Hydrocarbon Exploration (Calgary, Canada, OGCI, 1985); Basin Analysis (Merlin - Cairo, Egypt, 1986); Basic Supervision (Team International, Cairo, Egypt, 1986); Project Management (Team International, Cairo, Egypt, 1986); Introduction to Seismic Exploration (Cairo, Egypt), 1989; Computer Application Courses in DOS (Beginning & Advanced), dBASEIII PLUS (Beginning, Intermediate, & Advanced, ICTC, Cairo, Egypt), 1990; Structural Geology & Geotectonics in Petroleum Exploration & Structural Field Trip (IHRDC, Dr. Thomas Thompson), 1990; and Symposium on Depositional System of some Western Desert Reservoirs & applied Subsurface Exploration Clastics (AMOCO, Cairo, Egypt), 1990.
- o AMOCO Research Center, Tulsa, OK, 1980-1981 - training on the Palynology of Nubia Sandstone of the Gulf of Suez Area, Egypt
 - o Paleoservices Ltd., Watford, England, 1986 - training on Mesozoic Dinoflagellates and Spore Color
- EXPERIENCE** **PALYNOLOGIST/STRATIGRAPHER**, Gulf of Suez Petroleum Company (GUPCO), 1980 to present.

Responsibilities: Responsible for establishing a new palynological laboratory in GUPCO using the most current American - European techniques; train technicians on the

palynological techniques using hydrofloric acid procedure; conduct palynological studies of the Mesozoic and Paleozoic sedimentary sequences in the Gulf of Suez, Western Desert, Sinai and Nile Delta; establish palynology in operations during drilling; make studies utilizing spore color in addition to the Vitrinite reflectance studies done by some consultants to evaluate the hydrocarbon potential in some basins in the Western Desert and Gulf of Suez.

Teach and train new employees the principles of palynology and stratigraphy working as palynologists; taught "Palynological Course" illustrating the principles of palynology and its relation to the oil business and hydrocarbon potential for Geologists.

Supervise joint projects between the Stratigraphy Department, Field Studies Department, Regional Geology Department and Western Desert Department.

o Recipient of Ideal Employee Award for 1989

TECHNICAL SUPERVISOR, at Cairo University for Master of Science students, 1989-1990

Responsibilities:

Supervise student studies on the Palynostratigraphy of the Mesozoic sediments in Western Desert, Egypt.

WELL SITE MICROPALAEONTOLOGIST, Gulf of Suez Petroleum Company (GUPCO), 1976 - 1980

Responsibilities: Responsible for age dating of all sedimentary sequences on rigs for the wildcat wells and made stratigraphic studies in the Gulf of Suez Area

FIELD GEOLOGIST, Gulf of Suez Petroleum Company (GUPCO), 1975 - 1976

Responsibilities: Responsible for measuring and collecting samples from the different outcrops in Sinai and Eastern Desert

PERSONAL STRENGTHS

Creative: Erected and modernized the Palynological Zonations of the Mesozoic sediments in the Gulf of Suez, Western Desert and Sinai, Egypt, which had been used in GUPCO up to the present.

Technical Publications: *Ismail Z. Sultan, Shaaban M. Aly & A. A. Arafa, 1986* Palynostratigraphic of the Turonian - Lower Senonian Sequence, Gulf of Suez Area, Egypt. (Bull. Fac. Sci. Alexandria University 26(3): 1-17; *G. Naim, N. Enany & Shaaban M. Aly, 1990*, Stratigraphy and Structural Setting of Three Jurassic Boreholes in North Sinai, Egypt (in press); *H. Elsheikh & Shaaban M. Aly, 1990*, Biostratigraphy of the

Lower Cretaceous Sediments of Monaga Well No. 1, East Delta, Egypt (in press)

Technical Reports: A. M. Beleity & Shaaban M. Aly, 1979: The Biostratigraphy of the Miocene and Pre-Miocene of Abu Rudeis Field, Gulf of Suez, Egypt

Shaaban M. Aly

The Biostratigraphy of the Miocene Clastics of Ramadan Field, Gulf of Suez, Egypt, 1980

The Palynostratigraphy of the Bahariya - Kharita Sequences in Abu Gharadig Basin, Western Desert, Egypt, 1986

The Stratigraphy of West Qarun Area, Western Desert, Egypt, 1987

The Palynostratigraphy of the Nakh1 Well No. 1, North Sinai, Egypt (AMOCO request), 1987

The Stratigraphic Evaluation of North Darag Area, Gulf of Suez, Egypt, 1988

The Stratigraphic Evaluation of Razzak Field, Western Desert, Egypt, 1989

The Palynostratigraphy of Lower Cretaceous Nubia Sandstone (Nubia formation) in October and North October fields, 1990

Professional Affiliations: American Association of Petroleum Geologists; American Association of Stratigraphic Palynologists; Commission Internationale de Microflorae du Paleozoique; Egyptian Petroleum Exploration Society

PERSONAL DATA

Born June 19, 1951; height 6'5"; weight 185 lbs.; married; health excellent

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
PALYNOLOGICAL LABORATORIES
435 DEIKE BUILDING
UNIVERSITY PARK, PA 16802
Phone: (814)863-3419; Fax: 814-863-7823

9 December, 1991

Manager, American Airlines
Philadelphia International Airport
Philadelphia, PA 191--

Dear Friend:

On a recent trip to Delhi, India, I was in desperate straits at the Philadelphia airport, as my travel plans seemed to be shattered. I was travelling with a fellow Penn State professor, Thomas Gardner. One of your people, Denise Bailey, heard of our plight, and though it was no problem of AA, she was magnificent in helping us get out of our predicament (and onto Swissair flights to Delhi). We would like to be recorded as commending Ms. Bailey most enthusiastically. Sure left a nice impression of AA.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et
c: T. Gardner

American
Association
for the Advancement of
Science

1333 H Street, NW, Washington, DC 20005
(202) 326-6640; FAX (202) 371-9526
Cable Address: ADVANCESCI

Richard S. Nicholson
Executive Officer

March 28, 1991

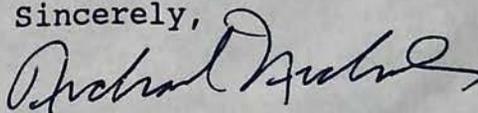
Dear Fellow:

On behalf of the AAAS Board of Directors, I am delighted to present you with your AAAS Fellows Rosette.

The honor of being elected a Fellow of AAAS began in 1874. It is through the fellowship distinction that members of AAAS honor their colleagues whose efforts on behalf of the advancement of science are scientifically or socially distinguished. I hope you will proudly wear this emblem of fellowship.

With warm regards,

Sincerely,



Richard S. Nicholson



free

American Chemical Society

THE PETROLEUM RESEARCH FUND

1155 SIXTEENTH STREET, N.W.
WASHINGTON, D.C. 20036
Phone (202) 737-3337

Dr. Alfred Traverse
Department of Geology and Geophysics
Pennsylvania State University
University Park, Pennsylvania

March 9, 1972
Re: PRF # 6603-AC2
Principal Investigator:
Dr. George F. Hart
Department of Geology
Louisiana State University
Baton Rouge, Louisiana

Please return with proposal
by: March 30, 1972

Dear Dr. Traverse:

To help the Advisory Board of The Petroleum Research Fund, we are seeking the assistance of outside expert evaluation of proposals received for grants-in-aid from The Petroleum Research Fund. Will you examine the enclosed proposal and give us your comments on the attached sheet? A postage-paid envelope for the return of the proposal and your evaluation is also enclosed.

As Administrator of this fund, the American Chemical Society must use the income "exclusively for advanced scientific education and fundamental research in the 'petroleum field', which may include any field of pure science which... may afford a basis for subsequent research directly connected with the petroleum field". We ask that you give a rating and make comments on the proposal in terms of its value to fundamental research and scientific education, and, if you wish, its relevance to the petroleum field. Reviewers need not feel obliged to comment on this last point, since relevance to the petroleum field will in any case be considered by the PRF Advisory Board. Consideration of the proposed budget may be omitted in your over-all rating. Budgets are frequently adjusted prior to awarding a grant. Unless you specifically request otherwise, certain of your technical comments, edited to insure anonymity, may, on his request, be sent to the principal investigator. Non-technical comments and over-all evaluations are held confidential.

If you find yourself unable to complete the review by the requested date, will you return the proposal promptly for our further use?

Your assistance in this evaluation is greatly appreciated and will aid the Advisory Board in arriving at a decision concerning its possible support.

Sincerely yours,

Michael J. Biallas
Assistant Program Administrator

Enclosures

March 17, 1972

file

Mr. Michael J. Biallas
Assistant Program Administrator
American Chemical Society
1155 16th Street, N.W.
Washington, D.C. 20036

Re: PRF #6603-AC2

Dear Mr. Biallas:

Estwick

This is with reference to the proposal for research support of Dr. George F. Hart, which you sent me for evaluation. You asked for the return of the proposal by 30 March, and I thought I had better write you to warn you that I might be a day or two later than that because of other things that are going on here.

Hoping that this is all right, I am

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi



AMERICAN GEOLOGICAL INSTITUTE

2201 M STREET NW WASHINGTON, D. C. 20037 202-296-7950

28 January 1972

Dr. Alfred Traverse
Department of Geology and Geophysics
529 Deike Building
The Pennsylvania State University
University Park, Pennsylvania 16802

Dear Dr. Traverse:

Let me introduce myself as one of the co-editors who took over the AGI glossary project from Skip McAfee in 1970. I've come across several new palynologic terms, for which I would like your approval (or disapproval):

meiospore - A spore produced by meiosis, with a reduction in chromosome number from diploid to haploid. Such spores are usually produced in fours (Scagel et al., An evolutionary survey of the plant kingdom, 1965, p. 622). Cf: mitospore.

I understand that the term also appears in Kremp's Morphologic encyclopedia of palynology, but I haven't seen either source (someone sent me the definition).

mitospore - A spore produced by mitosis and having the same chromosome number as the spore mother cell (same Scagel ref). Cf: meiospore.
(What do you think of them?)

We are almost finished editing this tome of ours... We'll let you know when it's completed!

Sincerely,

Margaret Gary

(Ms.) Margaret Gary
Co-editor, glossary project

MG:cf



AMERICAN GEOLOGICAL INSTITUTE

2201 M STREET NW WASHINGTON, D. C. 20037

202-296-7950

May 25, 1970

Prof. Alfred Traverse
Deike Building
The Pennsylvania State University
University Park, Pennsylvania 16802

Dear Prof. Traverse:

I was very glad to be able to meet you during your recent visit to Washington and to have the chance to get a first-hand account of the status of PALYDATA. I would much appreciate your letting me know how matters progress, especially with your trial run.

Also many thanks for your help with the revision of the Glossary. We greatly appreciate the time and effort you have devoted to assisting us with this.

Sincerely,

Peter E. Blau
Information Associate

PEB:si



File
AMERICAN GEOLOGICAL INSTITUTE

2201 M STREET NW WASHINGTON, D. C. 20037

202-296-7950

April 16, 1969

Dr. Alfred Traverse
529 Deike Building
Pennsylvania State University
University Park, Pennsylvania 16802

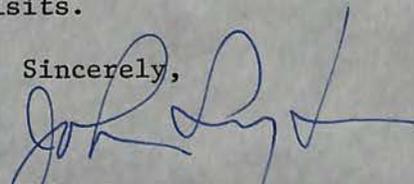
Dear Dr. Traverse:

Thank you very much for going to East Carolina University and Allegheny College as an AGI visiting scientist. Your contribution of time and effort to this program is greatly appreciated.

By now you should have received a check for your visit to East Carolina in the amount of \$187.84. This represents an honorarium of \$100.00 and the rest reimbursement of travel expenses. Shortly you will receive a check for \$159.94 covering your trip to Allegheny College; \$125 honorarium and \$34.94 travel.

Again, thank you for making these visits.

Sincerely,



John L. Snyder
Director of Education

JLS:m1

August 1, 1973

American Institute of Biological Sciences
3900 Wisconsin Avenue, N.W.
Washington, D.C. 20016

Dear Sirs:

I believe that the enclosed copy of a letter I dispatched to the conference center at the University of Massachusetts is self-explanatory. Along with many others who attended the otherwise pleasant conference at Amherst, I felt that the price of the housing when compared to the quality of the accommodations was shocking. I wouldn't have minded "camping out" if I had been paying camping fees--say \$4-5 per day. On the other hand, I wouldn't have minded paying \$17 a night if the accommodations had really been equivalent to motel accommodations of about the same price. I can hardly blame most participants for feeling that what actually was provided at the price charged was a "rip-off".

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

Enclosure: copy of letter to
University of Massachusetts

To: axt8@psu.edu
 Subject: Review request ms. 99-165 and 166

Dr. Alfred Traverse
 Department of Geosciences
 Pennsylvania State University
 435 Deike Building
 University Park, PA 16802

Dear Dr. Traverse:

Are you willing to review the following manuscripts for the American Journal of Botany?

Title: Studies in neotropical paleobotany. XIV. A palynoflora from the middle Eocene Saramaguacán Formation of Cuba
 Authors: Alan Graham, Duane Cozadd, Alberto Areces-Mallea, and Norman O. Federicksen
 Pages: 33 Manuscript no. 99-165

BRIEF COMMUNICATION

Title: Petrofilaments - pseudofossils in palynological preparations
 Authors: Alan Graham, Gordon D. Wood, William C. Elsik, and Robert C. Speed
 Pages: 4 Manuscript no. 99-166

If you are willing to review, please let us know, and make sure that we have your correct mailing address (at the top of this message). In an effort to reduce operation costs, the AJB asks reviewers to use our new online review form (information will be provided with review materials), or to pay the postage for return mail. However, if you would like us to provide return postage for locations in the USA or Canada, please inform us of this when you respond. Thank you for your cooperation.

If you are not able to review at this time, we would appreciate your recommending one or two other qualified reviewers, with e-mail addresses or fax numbers, if possible.

Sincerely,

Caroline Spellman
 (Please note: The editorial office will be closed from 2-6 August 99)

Editorial Assistant/Office Manager
 The American Journal of Botany
 Department of Plant Biology
 Plant Science Bldg
 Cornell University
 Ithaca, NY 14853-5908
 Phone 607-254-4708 Fax 607-254-4695

AJB homepage: <http://www.amjbot.org/>
 Checklist for preparation of manuscripts:
<http://www.amjbot.org/misc/ifora.shtml>
 BSA Membership application:
<http://www.botany.org/bsa/applicat.html>

To: American_Journal_of_Botany <ajb_journal@cornell.edu>
From: Alfred Traverse <traverse@ems.psu.edu>
Subject: Re: Review request ms. 99-165 and 166
Cc:
Bcc:
Attached:

At 03:31 PM 7/22/99 -0400, you wrote:

>Dr. Alfred Traverse
>Department of Geosciences
>Pennsylvania State University
>435 Deike Building
>University Park, PA 16802
>
>Dear Dr. Traverse:
>
>Are you willing to review the following manuscripts for the American

AT: YES, I AM QUITE WILLING TO REVIEW THE ARTS. WILL BE GONE TO INT. BOT CONGRESS IN A FEW HOURS, BACK 10 AUGUST.

MY ADDRESS IS THE SAME AS YOU FIND IN THE BSA DIRECTORY, EXCEPT THAT ROOM NO. HAS CHANGED TO 307, WHICH DOESN'T REALLY MATTER AS MY MAIL STILL GOES IN THE SAME BOX IN THE MAIL ROOM!

BEST. ALFRED TRAVERSE

X-Sender: ajb_journal-mailbox@postoffice.mail.cornell.edu
Date: Thu, 3 Apr 1997 13:23:20 -0500
To: traverse@ems.psu.edu
From: ajb_journal@cornell.edu (American_Journal_of_Botany)
Subject: review request ms. 97-080

Dr. Alfred Traverse
435 Deike Building
Penn State University
University Park, PA 16802
FAX 814-863-783

Dear Dr. Traverse:

Would you be willing to review the following manuscript for the American Journal of Botany?

Title: Ultrastructural interpretation of the Late Cretaceous megaspore
Glomerisporites pupus and its associated microspores.
Author(s): David J. Batten, Margaret E. Collinson, and Anthony P. R. Brain.
Pages: 10 Manuscript #97-080

If you are not able to review at this time, we would appreciate your recommending one or two other qualified reviewers, with addresses and fax numbers, if possible.

If you are willing to review, please let us know, and make sure we have your correct mailing address (at the top of this message). Thank you for your cooperation.

Sincerely,

Caroline Spellman, Editorial Assistant/Office Manager
American Journal of Botany

Phone: 607-254-4708 Fax: 607-254-4695

To: ajb_journal@cornell.edu
From: traverse@ems.psu.edu (Alfred Traverse)
Subject: review request
Cc:
Bcc:
X-Attachments:

Dear Ms. Spellman,

I am just back from an absence (in Italy) of about a month. I find your e-mail of 3 April in the pile of messages.

Perhaps it is now too late, but if it is not, I am most willing to review the paper by Batten, et al.

The address you have for me is correct, and it should be repeated below the signature line here.

Best wishes. Alfred Traverse.

AMERICAN JOURNAL OF BOTANY

DEPARTMENT OF BOTANY AND MICROBIOLOGY
THE UNIVERSITY OF OKLAHOMA
770 VAN VLEET OVAL, NO. 135
NORMAN, OKLAHOMA 73069

NORMAN H. BOKE, EDITOR

10 July 1973

EIT
Don't worry -
not at
personally

Dr. Alfred Traverse
Deike Building
Pennsylvania State University
University Park, PA 16802

Dear Dr. Traverse:

As you have probably heard by this time, the Council at the meetings in Amherst decided to publish the manuscripts from the Symposium--Twenty-five Years in Botany one each month in the American Journal of Botany beginning with the January 1974 issue. However, they have limited the free pagination for such papers to 16 printed pages. Your manuscript at the present time is estimated to run 27 printed pages. If you are willing to accept the page charges at a cost of \$30.00 per page on all pages in excess of the 16 free pages, please sign the form below and return it to us. If you wish to shorten your paper, let us know and we will return it to you.

I will pay for all pages over the 16 free printed pages at a cost of \$30.00 per page. Extra pagination is estimated to be

11 pages , so total cost is estimated to be \$330.00 .
might be a tad less?

Billing Instructions:

Billed to: DR. ALFRED TRAVERSE
529 Deike Building
Pennsylvania State University
University Park, Pa. 16802

Signed Alfred Traverse

Return to:

American Journal of Botany
Department of Botany & Microbiology
University of Oklahoma
770 Van Vleet Oval, No. 135
Norman, Oklahoma 73069

January 17, 1973

Ms. Beth Engelsjerd
Assistant Editor
American Journal of Botany
770 Van Vleet Oval, No. 135
Norman, Oklahoma 73069

Dear Ms. Engelsjerd:

I am enclosing the retyped "Literature Cited" section of my paper on the History of Paleopalynology. We have followed your instructions as nearly as possible and hope that this is now satisfactory.

I am also enclosing the original version of the "Literature Cited" section with your comments, in case you need this for your files.

N.B.: I am also sending along a corrected version of the acknowledgements. I noticed that during the process of correcting the "Literature Cited" section that I had made a mistake in the Acknowledgements by not giving the affiliation for Dr. Jenkins. Would you please make this change in the manuscript for me? The corrected wording is given in red.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

Enclosures: corrected "Literature Cited";
original "Literature Cited";
corrected Acknowledgements sheet

5 July, 1984

Curator of Vertebrate Paleontology
American Museum of Natural History
Central Park West at 81st St.
New York, NY 10023

Dear Friend:

Made a long-planned trip to NYC last weekend to spend 'a day with the bones' of "Ancestors".

The venture was well worth the time and expense!

Only one thing left me unsatisfied--the photography-prohibition was completely understandable, but given the situation, the booklet for sale should have illustrated in color most of the key fossils, or 35 mm. slide-sets should have been for sale.

Perhaps you could still have your photographer spend a night with the fossils and produce such sets for teaching purposes?

Congratulations on a great paleo-event.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

INDEX COLLECTION
APR 28 1971

April 28, 1971

Department of Micropaleontology
American Museum of Natural History
79th Street and Central Park West
New York, New York 10024

Dear Sirs:

I am planning to be at the American Museum during the morning of Monday, 3 May. I am hoping (though on such short notice I cannot expect it!) to be able to meet with some of you at that time to discuss various questions relating to information storage and retrieval in micropaleontology. As you may know, I was on a committee which studied these problems along with the late Dr. Angelina Messina of your department. Dr. Cima of the National Science Foundation has recommended that I explore the possibility with you all of some further conversations on this subject as it concerns your operation and ours, and I am hopeful that at least one of you will be available to talk with me on Monday morning. This is especially important since with the rather complete change of personnel at your place, I am really not in touch at all.

I expect to be staying with Dr. Cousminer, and it will not be necessary for you to respond to this letter, but perhaps you could tell Harry something about your reaction to it. In any case, I expect to report to the Department of Micropaleontology at something like 10:00 a.m. Monday and hope to be able to spend an hour or so with whomever you regard as an appropriate person to talk with me.

Looking forward very much to seeing somebody in your department next week, I am

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

The American Museum of Natural History

Central Park West at 79th Street New York, New York 10024 (212) 873-1300



DEPARTMENT OF
INVERTEBRATE PALEONTOLOGY

December 29, 1970

Prof. Alfred Traverse
Dept. of Geology & Biology
Deike Building
Pennsylvania State University
University Park, Pennsylvania, 16802

Dear Prof. Traverse:

I enclose literature on the Permian-Triassic Boundary Conference to be held in Calgary, Alberta, Canada in August of 1971.

If you are interested in attending this conference, you should write Dr. Alan McGugan, Dept. of Geology, University of Calgary, Calgary, Alberta, Canada, for registration information, accommodations, field trips, etc.

Sincerely yours,

A handwritten signature in dark ink, reading "Norman D. Newell". The signature is written in a cursive style with a prominent initial "N".

Norman D. Newell

NDN:bb

December 17, 1970

Dr. Norman D. Newell
American Museum of Natural History
79th Street and Central Park West
New York, New York 10024

Dear Dr. Newell:

Jim Schopf, of the U.S.G.S., told me that you might be able to provide me with information regarding a Permo-Triassic symposium that will be held next summer, I believe in Canada. If you have information regarding this symposium or can tell me to whom I might write to obtain such, I would be very appreciative. A student of mine and I are working on a Triassic problem in Texas, and it is likely that one or both of us would want to attend this symposium.

Yours with best wishes,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

P.O. Box 13975
Research Triangle Park, NC 27709-3975
919 549-0097

American Scientist

Thursday, August 8, 1991

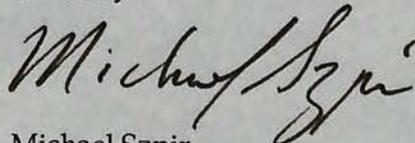
Alfred Traverse
The Pennsylvania State University
Department of Geosciences
Palynological Laboratories
435 Deike Building
University Park, Pennsylvania 16802

Dear Dr. Traverse:

Thank you for your letter to the editors, commenting on "Extraordinary Fossils" by Derek Briggs. As is our practice, we have forwarded a copy to the author. We will consider your letter for inclusion in the Letters to the Editors section, although space for this department is limited, and we can publish only a few of the letters we receive.

We appreciate your taking the time to write us. We are always pleased to hear from readers, whatever they may have to say, and we hope that you will write us whenever an article in *American Scientist* arouses your interest.

Sincerely,



Michael Szpir
Associate Editor

STRATHMORE BOND

345 Whitney Avenue
New Haven, Connecticut 06511

203 624-2566

American Scientist

17 April 1975

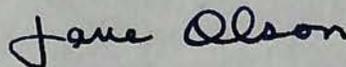
Professor Alfred Traverse
Pennsylvania State University
Department of Geosciences, Palynological
Laboratories
Deike Building
University Park, PA 16802

Dear Professor Traverse:

Your position is indeed correct: we should not have accepted the Aladdin House ad. We have had several other letters of protest and, to make explicit our regret at having printed the ad, we are planning to include your letter (slightly edited, as attached here), with our comment, in the Letters to the Editors columns in the May issue.

Thank you for writing.

Sincerely,



Jane Olson
Editor

JO:jsm
enclosure

Dear Sirs:

Regarding the ad of "Aladdin House" (Am. Sci. 63:224, March 1975), I protest Sigma Xi lending any support to the creation of commercial value for items of anti-quity. Whatever the scientific value of the advertised objects, the fact of their being advertised contributes to the plunder of such material.

Alfred Traverse
Department of Geosciences
Pennsylvania State University
University Park, PA

You are correct. We shouldn't have accepted the ad.--The Editors

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
PALYNOLOGICAL LABORATORIES
435 DEIKE BUILDING
UNIVERSITY PARK, PA 16802
Phone: (814)863-3419; Fax: 814-863-7823

21 July, 1991

↘ The Editor
American Scientist
P. O. Box 13975
Research Triangle Park
NC 27709

Dear Sir:

Derek Briggs' informative article, "Extraordinary fossils," in the March-April issue, contains one piece of misleading information in Fig. 5. Chitin is displayed in the corner of the figure along with the more evanescent substances that are potentially fossilizable. Actually, in the form of worm mouth-linings (scolecodonts), some foramiferal test-linings, some fungal spore and mycelial walls, some insect exoskeletal parts, chitin is right up there with sporopollenin as to chemical indestructibility. Chitin is a major constituent of the walls of organic microfossils, from Precambrian to present. Under most conditions of preservation, chitin is certainly more robust than its chemical "cousin," cellulose, below which it is placed in Briggs' graph.

Yours very truly,

Alfred Traverse

April 1, 1975

American Scientist
345 Whitney Avenue
New Haven, Connecticut 06511

Dear Sirs:

Re the ad of "Aladdin House", Mar.-Apr. number, I protest Sigma Xi lending any support to the creation of commercial value for items of antiquity--whatever the scientific value of the advertised things, the fact of their being advertized contributes to the plunder of such material.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/vsi

April 8, 1970

fin
Miss Susanne Cavalier
Board of Editors
American Scientist
155 Whitney Avenue
New Haven, Connecticut 06510

Dear Miss Cavalier:

I enclose herewith my manuscript for the review of the two recent palynological textbooks including ~~the~~ Tschudy-Scott^(over) of which you recently sent me a copy. Although I am aware that you do not usually print dual reviews, I think that is what is called for in this case, and I hope you will find mine acceptable. You will note that although in the body of the review I treat Erdtman's book first, I have listed ~~of~~ the Tschudy-Scott book first in the heading. This is because it is obviously the more important of the two. Thank you for your consideration.

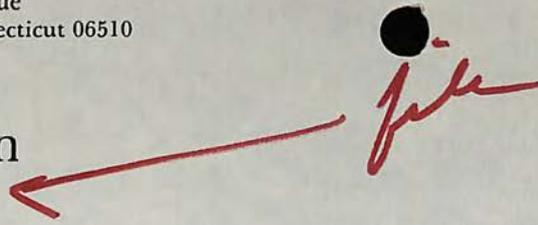
Yours very truly,

Alfred Traverse
Associate Professor of
Geology and Biology

AT/mrw
Enclosure

155 Whitney Avenue
New Haven, Connecticut 06510
203 624 2566

American Scientist



5 August 1970

Professor Alfred Traverse
Department of Geology
Deike Building
The Pennsylvania State University
University Park, PA 16802

Dear Professor Traverse:

We do not send galleys of reviews because the clerical work involved is so enormous in comparison with the practical need for reviewers to check reviews. They are usually short and we make few substantial changes without consulting the reviewer. Unfortunately we cannot offer reprints of reviews, again because of the cost; we would have no objection if you wish to Xerox the review to make copies available.

Sincerely yours,

Suzanne Cavalier

(Mrs.) Suzanne Cavalier
For the Board of Editors

March 27, 1970

Miss Suzanne Cavalier
American Scientist
Board of Editors
155 Whitney Avenue
New Haven, Connecticut 06510

Dear Miss Cavalier:

This is to confirm our phone conversation of earlier today regarding a review which I propose to do on "Aspects of Palynology" by Tschudy and Scott, per your invitation of a couple weeks ago. As I told you, I would like to combine a review of this new book with a review of another book on the same subject, which was published at almost exactly the same time by Hafner-- "Handbook of Palynology: An Introduction to the Study of Pollen Grains and Spores", by G. Erdtman, Hafner, New York, 1969.

As I told you over the phone, what I will do is send you the proposed joint review in manuscript form. If you don't like it and would prefer only a review of "Aspects of Palynology", you can return the manuscript to me, and I will revise it accordingly.

Thanks very much for asking me to do this review.

Yours very truly,

Alfred Traverse
Associate Professor of Geology
and Biology

AT:kc

155 Whitney Avenue
New Haven, Connecticut 06510

203 624 2566

American Scientist

published bimonthly by the Society of Sigma XI

Instructions to Book Reviewers

Deadlines: 31 May for possible inclusion July-August issue.
30 June Sept.-Oct.

- Book reviews, as a rule, should be limited to 400 words.
- Please send two copies of your review, typed double-space, to the Board of Editors (none to publisher), conforming in arrangement to the reviews in any current issue of *American Scientist*.
- If upon examination, the volume does not seem to merit review, please notify us.
- Publication cannot be guaranteed. The editors regret that it is not feasible to notify reviewers when an accepted review will be published.
- The book, of course, becomes your property.

Thank you very much.

Sincerely yours,

Suzanne Cavalier

for The Board of Editors

THE PENNSYLVANIA STATE UNIVERSITY

VICE PRESIDENT FOR RESEARCH AND GRADUATE STUDIES

Inter-Office Correspondence

Date: 5 September 1975
From: R. F. Custard
To: H. T. Ames
Subj: Trademark "REINSCHOSPORA", No. 882,150

file
*Received
9/9/75*

Confirming your request and our recent conversation, we will need the following in order to file the necessary affidavit:

- (1) a University check sent to me made out to the "Commissioner of Patents and Trademarks" in the amount of \$10.00. It will be appropriate to reference the Trademark No. "882,150" on that check if you desire;
- (2) a statement from you that this Trademark is still in use as of this date, and that it is being used in both interstate and foreign commerce (I am assuming that your use of the word "domestic" will include "interstate"); and
- (3) a specimen of the Trademark as actually used on the catalog -- this may be a cut-out section from the vinyl binder, or possibly the title page, but cannot be a copy, it must be the actual specimen as sold. It should show the (R).

Upon receipt of the check, statement of current use, and "specimen", the necessary affidavit will be filed immediately.

hw

cc: R. G. Cunningham

↓

Frau Dr. Brigitte Ammann
Bot. Inst. Universität
Altenbergrain 21
CH-3013 Bern,
Switzerland

den 30. January 1986

Sehr geehrte Frau Dr. Ammann,

zuerst bin ich entmutigt, weil die erste drei Ihrer Artikel über Lobsigensee alle auf Englisch geschrieben worden sind! Dann habe ich endlich den Welten-Festschrift-Aufsatz ~~and~~ die Veröffentlichung über Seespiegelschwankungen (da haben wir ein echtes Wort!) entdeckt. Jetzt habe ich mindestens eine kleine Gelegenheit, mein Deutsch zu ~~über~~! Ich habe Ihre Arbeiten mit viel Vergnügen gelesen, und ich möchte mich dafür bedanken.

Mir geht es gut. Wir haben zu viele Pflichten mit Vorlesungen und Studenten, um große Fortschritte mit den Forschungen zu machen, aber ich versuche immer, etwas interessant zu tun! Im Augenblick arbeite ich meistens im Trias und im Devon.

mit besten Grüßen

Ihr

Alfred Traverse
Professor für Palynologie

AT/et

Sehr geehrter Herr Professor Traverze,
haben Sie herzlichsten Dank für Ihren
freundlichen Brief sowie für Ihren spannenden
Vortrag in Basel! Die hervorragende
Bedeutung der Untersuchungen vom Schwarzen
Meer für die gesamte Paläoökologie
wird immer klarer, der lange Zeitraum,
der in dem Kernem weitgehend ungestört
erfasst wurde und die Vielseitigkeit und
Genauigkeit der Methoden sind wichtige
Bausteine dazu.

Bausteine

Gegenwärtig bin ich ^{im} im Leen-Projekt von
Herrn Prof. Lang engagiert, das mit dem
JGCP 158B (Palaeohydrology...) zusammen hängt.
Material und Zusammenarbeit sind sehr gut,
bliss ist "wenig" See bedeutlich klein,
ca. 2,5 ha!

Sobald Professor Lang von seiner Exkursion
auf den ^{ihm} kanarischen Inseln zurück ist, frage
ich ^{ich} Sie für ein Kolloquium mit Ihnen.
Habe ich Sie richtig verstanden, dass Sie bis
Ende Mai ^{fein} in der Schweiz bleiben?
Es wäre ^{fein} sehr Sie und Ihre Frau hier
begriessen zu dürfen.

Mit bestem Dank und freundlichen Grüßen

Joh. Gratuliere!



Ecole Polytechnique Fédérale Zurich
Institut de Géologie

Frau Dr. B. Ammann
vsus

den 7. März 1981

Sehr geehrte Frau Dr. Ammann,

Vielen Dank für Ihre Bemühung,
meinen Vortrag in Basel zu besuchen.
Ich hatte Ihre Zürich-See Pollendiagramme
während des Wintersemesters in meinen
Vorlesungen ~~gebraucht~~ und es war
natürlich sehr interessant, die
Verfasserin davon kennenzulernen!

Wie Sie wahrscheinlich erkannt haben,
versteh ich Deutsch fast ohne Mühe.
Trotzdem ist es noch ein bisschen schwierig
für mich, wissenschaftliche Fragen sofort
und flüssend zu beantworten! (Es geht
jeden Tag besser!)

Hoffentlich war mein Punkt klar, dass
die Datierung unserer Neogen Zeitgrenzen in
den Bohrungen, von Magnetostratigraphie und von
O-Isotopen, ziemlich genau ist. Andererseits
bin ich nicht sicher, ob ich ausreichend
die Temperaturdaten von O-Isotopen betont
habe. Die Temperaturdaten stammen von



Ecole Polytechnique Fédérale Zurich
Institut de Géologie

Frau Dr. Ammann

- 2 -

dem Labor Shackletons in Cambridge,
England. In allgemeinen stimmen Shackleton's
Temperaturdaten des Pazifik Ozeans mit
unseren "Steppe-Forest Index" Daten
und O-Isotopen Daten des Schwarzen Meeres
gut überein. Einige diese Daten haben
wir erst vor kurzem bekommen.

Ihre Frage, ob die Kaltzeiten eigentlich
Trockenzeiten gewesen seien, war sehr
scharfsichtig. Ich bin der Meinung,
dass in der begegend des Schwarzen Afrikas,
die "Steppe-Forest" maxima, Zeiten von
niedrigen Temperaturen und von niedrigen
Niederschlägen darstellen. Jedoch unter
anderen Umständen könnten "S-F" maxima
etwas anderes ausdrücken. (Ich habe
zum Beispiel so etwas in Arizona gesehen.
Steppe-^{Pollen} Zunahme bedeutet dort oft
mehr Feuchtigkeit!)

Mit freundlichen Grüßen,

Alfred Trautwein

Asst. Professor



March 17, 1982

file

Amoco Production Company

Denver Region
Amoco Building
17th & Broadway
Denver, Colorado 80202
303-830-4040

Dr. Alfred Traverse
Professor of Palynology
The Pennsylvania State University
College of Earth and Mineral Sciences
University Park, Pennsylvania 16802

Dear Dr. Traverse:

Pete Groth has given me your letter of February 15, and a copy of his response to you.

Amoco Production Company does in fact provide financial aid to various universities in much the same form as you mentioned in your letter. We provide undergrad scholarships, graduate fellowships, unrestricted grants to earth science departments and monetary support directly to the student for thesis research. All of these, with the exception of the last item, are given to the universities by the Amoco Foundation, a separate company in the Standard Oil of Indiana family. Thesis support is given directly by the appropriate Amoco Production office.

Since your campus is located within our Houston Region boundary your request for aid should be directed to that office. You should correspond with:

W. G. Brock
Regional Geologist
Amoco Production Co.
500 Jefferson Bldg.
Houston, Texas 77002

Very truly yours,

George D. Ecker
Sr. Geological Associate

cc: Pete Groth
Bill Brock



An Equal Opportunity Employer (M-F)

Print Clearly

• General Information

Name (Last, First, Middle)			Today's Date Yr. Mo. Day			Employment Desired <input type="checkbox"/> Regular <input type="checkbox"/> Temporary	
Permanent Address - Street, City, State						Zip Code	Area Code & Phone No.
Present Address (If different from above) Street, City, State						Zip Code	Area Code & Phone No.
In Case of Emergency, Notify: Name		Address		Area Code & Phone No.		Relationship	
Social Security Number		Are you between the ages 18 to 70?					
		<input type="checkbox"/> Yes <input type="checkbox"/> No					

U.S. Citizen?
 Yes No
 If NO, do you have a valid work permit? Yes No

Give Names, Relationship, Company and Location of Relatives Employed by Standard Oil Co. (Ind.) or its Subsidiaries

Give Dates, Positions and Company Location if You Were Previously Employed by Standard Oil Co. (Ind.) or its Subsidiaries

Field of Work Preferred		Position Desired	
Date Available	What source referred you to us?		

• Military Service

U.S. Military Service? <input type="checkbox"/> Yes <input type="checkbox"/> No	Date of Military Service	Branch of Service	Highest Rating or Rank at Separation
--	--------------------------	-------------------	--------------------------------------

• Educational Achievements

Circle Year of Highest Education Completed	Grade School								High School				College				Graduate School					
	1	2	3	4	5	6	7	8	1	2	3	4	1	2	3	4	1	2	3	4		
School	Name, City, State								Dates Enrolled				Date and Type of Certificate or Degree Received	Course of Study								
									From		To											
									Yr.	Mo.	Yr.	Mo.										
High School																						
Trade or Correspondence																						
Business																						
College													Major	Hours	Minor	Hours						
College																						
Technical or Post Graduate																						

Scholastic Honors, Honorary Societies, Fellowships, Scholarships and Grants

Percent of College Expenses Earned How earned?
 %

• Skills

What foreign languages do you speak?	Read?	Write?	Foreign countries resided in?
Typing W.P.M.	Dictation W.P.M.	Office Machines Operated and Other Office Skills	

free as

Amoco

TO 1983

DATE

TIME

3:45

WHILE YOU WERE OUT

M. Mr. Jay Rowell; Darcy Adver-
of tising (for Standard Oil)

Phone (312) 861-5178

TELEPHONED



PLEASE RETURN CALL



CALLED TO SEE YOU



WILL CALL AGAIN



RETURNED YOUR CALL



RUSH



MESSAGE Called concerning your

conversation with Rich

Judy (Amoco), Oklahoma

re: paleontology
(paleontology)

re permission to use Amoco
ad in

Signed

"E + H S" article

The Standard Register Company



Amoco Production Company

Denver Region
Amoco Building
17th & Broadway
Denver, Colorado 80202
303-830-4040

July 8, 1982

Dr. Alfred Traverse
Professor of Palynology
Pennsylvania State University
Deike Bldg.- University Park
Pennsylvania, PA 16802

Dear Dr. Traverse:

Amoco Production Company has reviewed the dissertation support proposal accompanying your letter of June 4, 1982.

We recognize the geologic merit and palynologic importance of this problem. However at the present time we have dedicated our funds for this kind of research to other areas.

Thank you for your continued interest in Amoco and for the opportunity of supporting this project.

Very Truly yours,

A handwritten signature in black ink that reads 'George D. Ecker'.

George D. Ecker
Sr. Geologic Associate

GDE/jlw

March 7, 1969

Mr. Robert S. Amrein
Box 324
Island Falls, Maine 04747

Dear Mr. Amrein:

Thanks for your letter, which is undated, but I fear arrived as much as a month ago. I am really snowed under with correspondence, and that is quite a normal delay with me.

I am asking that our department send you the necessary information and forms regarding graduate study here. I suppose that you might have some trouble getting in with the grade-point average you say that you have, but the committee would take your whole record into consideration and work from that rather than from grade-point average alone. It would depend, for example, on what courses are pulling you down. If it is mediaeval history, it probably won't hurt too much, but if it's chemistry, that's another story.

Regarding other possibilities, I would suggest that you look into some of the places which are just starting a graduate program and would be willing to take a chance on you and to spend more than the usual amount of time with you. I am thinking of some of the SUNY schools, for example. I believe that they are giving graduate work in geology at several of them, Binghamton, for instance.

Sorry not to be more informative, but from your letter that's about as far as I can go.

Best wishes to Mr. Holliday. He's a good fellow.

Yours very truly,

Alfred Traverse
Associate Professor of Geology

AT:kwc

cc: Frances Gregory

March 5, 1968

Dr. Alfred Traverse
Deike Building
The Pennsylvania State University
University Park, Pennsylvania 16802

Dear Dr. Traverse:

I received your letter of the 28th and appreciate the work that you were able to do on the sample. As we might have mentioned when we talked to you here at U. of Texas, other pollen studies on these rocks have also yielded negative results. Thanks very much for trying.

Sincerely yours,

Tom Anderson

Thomas H. Anderson

February 28, 1968

Messrs. Tom Anderson, Alston Boyd, and/or George Davis
Department of Geology
University of Texas
Austin, Texas 78712

Dear Friends:

One of you may still be around UT and remember giving me about two years ago a sample of rock from "Upper Jurassic or Lower Cretaceous Todos Santos Formation, Northwestern Guatemala". I finally got around to running it the other day.

Sorry to report that the abundant megascopically visible small plant fragments are carbonized beyond recognition, and there are apparently no pollen or spores. Evidently, the sand was rather well sorted--which is fatal for palynology--pollen being \pm in the fine silt size range. Sorry I couldn't find something exciting--drat it.

Regards and best wishes to you all.

Yours very truly,

Alfred Traverse
Associate Professor of Geology

AT:kwc



Tom Altmann
Stall

11 October, 1965

Dear Tom:

Sorry you were out of town when I visited the lab the other day. In addition to wanting just to visit with you a bit, I wanted to request a favor:

Could you put in writing your memories about the sampling techniques that were used in obtaining the surface sediment samples I have been studying these past 3 years (which I am about to put in report form)? Especially, I don't remember anything about the kind of sampler you used in the cruise in the bay and gulf. Please describe it and the procedure in some detail (name of the type of sampler, and all that jazz). Also, the same sort of information about the little samplers we used in the shallow water locations. Of course, I remember what it looked like, but I don't know the correct terminology.

I have asked Gutjahr to speak to whomever is now your supervisor, so that he will let you spend a little time on this.

Sure would be good to see you again.
Don't you ever get to Austin?

Yours as ever,