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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.

February 9, 1976

Mr. Frederic W. Hickman
537 Arlington Place
Chicago, IL 60611

Dear Fred:

Just read a most interesting article on the tax structure of the United States in the Wall Street Journal and almost didn't look at the by-line, but when I did, I was delighted that it was by my old friend--you. It was good to hear that you are prospering and very definitely among the living. The footnote to the article provided additional information about your public service, about which I hadn't known. It was just delightful to see something about you.

If you are ever on your way to New York with a day to spare, how about stopping here on route? It would give us a chance to compare notes. It is astonishing how the years have been slipping away. The death of Russ Leonard five years ago really made me conscious of my mortality and the need to see some of my old friends again. Of course, the twenty-fifth reunion provided a good opportunity, but those of you in '48 weren't there!

Congratulations on your successes and very best wishes from an old friend.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT:jb

Hunt Institute for Botanical Documentation

7 September 1965

Mr. A. H. Hierholzer
Campbellton, Texas

Dear Mr. Hierholzer:

I appreciated being allowed to search for fossil plant remains on your place last week. Mr. Dobie, my daughter, and I found quite a few good fossils there. I also appreciated the pieces that you gave me from your "museum."

Yours very truly,

Alfred Traverse
Geologist

AT:jt

Hunt Institute for Botanical Documentation

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

4 August, 1997

Dr. Ken Higgs
Department of Geology
University College Cork
Cork, Ireland

Dear Ken:

Some time ago I wrote you asking to include me in the Grandispora Working Group. I am working regularly in the local Upper Devonian sections, and Grandispora is one of my dominants in many of them.

Perhaps my previous letter didn't reach you.

If you are into e-mail, that would be neat way to respond.

All the best.

Yours very truly,

Alfred Traverse
Professor Emeritus of Palynology

Hunt Institute for Botanical Documentation

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E-Mail: traverse@ems.psu.edu

18 February, 1997

Dr. K. T. Higgs
Department of Geology
University College
Cork, Ireland

Dear Dr. Higgs:

Although I did not for various reasons attend the 9 ICP last year, I have seen the abstracts, including your most interesting paper with a large cast of co-authors, on the Grandispora complex in the Famennian.

Although I am officially retired, it only means that my checks now come from a different source, and I don't give my courses any more. Among the activities that I carry on is work on the Devonian palynology of this general area. Currently I am working on the beds that include the (probably) oldest amphibians yet discovered. The spore flora is clearly Famennian. It would be very helpful to my work to learn more of the zones you mention in the abstract. Is there a paper out with the information? If not, is there a chance of preprint stuff that I would heartily acknowledge in anything I might submit later?

Best wishes.

Yours very truly,

Alfred Traverse

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Phone: (814)863-3419; Fax: 814-863-7823
E-Mail: traverse@ems.psu.edu

19 August, 1996

Dr. Ken Higgs
Department of Geology
University College Cork
Cork, Ireland

Dear Ken:

Just read in CIMP Newsletter 50 about the "Grandispora" working group. I would like to be involved in this group. I continue my interest in the Devonian, and am at the moment working on a (probably) Famennian outcrop not far from here, where a fellow at the Phila. Acad. of Nat. Sci. has found the world's oldest (probably--that's what I am supposed to find out) amphibian. The samples are full of Grandispora, but I am a little confused about the meaning of the "genus."

Best wishes.

Yours very truly,

Alfred Traverse

encl.:reprints

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16 May, 1991

Dr. Philip Highton
Geology Department
Royal Holloway & Bedford New College
Egham Hill, Egham
Surrey TW20 0EX, U.K.

Dear Dr. Highton:

Just read your article in CIMP Newsletter 40, pp. 7-8. As your colleague, Bill Chaloner, may have told you, I am editing a book on palynomorph sedimentation and related matters. (You may also know Phil Holmes, one of the authors.) Your study should ideally have been a chapter, but it's too late for that. However, I would like to include a discussion of it in my general introduction. Could I use your figure on p. 7 (with suitable credit, of course)? Do you have a more formal publication? Can you send me a xerox of any bibliography of related papers I should read that you may have developed?

Hoping to hear from you soon, and with best wishes, I am

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Hunt Institute for Botanical Documentation

September 25, 1969

Department of Highways
Harrisburg
Pennsylvania 17120

file highways!

Dear Sirs:

I am running a field trip up here in the middle of October, and I would very much appreciate having some of the official road maps of the state of Pennsylvania to give to these out-of-state visitors. Would it be possible for you to let me have 50 copies of this map?

Thank you very much for your help.

Yours very truly,

Alfred Traverse
Associate Professor of Geology
and Biology

AT:kc

Hunt Institute for Botanical Documentation

Hunt Institute for Botanical Documentation

Carl M. Hild
Group Home Worker

REFERENCE QUESTIONNAIRE

Please be as candid as possible in answering these questions. The lives of children may be significantly affected by what you are able to tell us about this applicant.

1. WHAT IS YOUR CONNECTION WITH THIS APPLICANT?
Had him as student in a very small course (5 students); also had him working on a research project for me. Have also had considerable social contact with him.

2. HAVE YOU EVER SUPERVISED THE WORK OF THIS APPLICANT? HOW AND WHEN?
As stated above, Carl worked for me on a small research project — not for pay.

3. DESCRIBE THE APPLICANT'S PERSONALITY.
Carl is very friendly, warm, interested in other people. He always has something cheerful to say. Very easy-going and accepting.

4. WHAT STRENGTHS WOULD YOU SAY THIS APPLICANT HAS?
Courageous, friendly, persistent in pursuing goals. Good with people of all age.

5. ARE THERE AREAS WHERE THE APPLICANT NEEDS HELP?
From my point of view, Carl needs to be more systematic, better organized. I don't see why this would hurt him as a home worker.

6. HOW WOULD YOU ASSESS THE APPLICANT'S ABILITY TO WORK WITH OTHERS IN A TEAM RELATIONSHIP?
This is one of Carl's best points — very cooperative and eager to please.

7. WHAT IS YOUR ASSESSMENT OF THE APPLICANT'S WILLINGNESS AND ABILITY TO LEARN? TO WORK CREATIVELY?
Tops in this area.

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

SIGNED Alfred Traverse

DATE 15-IX-72

DR. ALFRED TRAVERSE
529 Deike Building
Pennsylvania State University

Traverse 4457- 518

October 1971

file as corresp

Meade River Fossils

On July 18, 1971 I found a freshly exposed area along the south bank of the Meade River. The area was about ten feet above the river at approximately fourty feet above sea level. Close to two hundred pounds of mega-fossils were collected, plus small samples of coal and lignite were picked up within a hundred feet. The area is south of the Meade River camp which is about eighty miles south of Barrow. As best as I can do with a USGS map the area lies at about 157°21'30" West X 70°27'20" North.

These have been brought to the Pennsylvania State University and given to Dr. A Traverse in the College of Earth add Mineral Sciences.

Carl D. Hild

Carl D. Hild

Hunt Institute for Botanical Documentation

October 31, 1971

Dr. Traverse,

I would appreciate it very much if you would take time to write a letter of recommendation for me. I am applying for a National Science Foundations Fellowship and I would like you to fill out a special form which will be sent to you. This form must be returned before December 17,1971.

Thank you very much.

Carl O. Wild

Hunt Institute for Botanical Documentation

May 13, 1971

Dr. Traverse

I'm sorry but I've got an executive board meeting of the Penn State Outing Club monday night at 7:00 so I will be unable to attend the get together.

Did you see the article in May's Scientific American by Dr. Boghoorn. I just read it tonight and found it quite interesting.

Thank you again.

Yours.

Carl D. Wilde

H:ld

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF
ARIZONA
TUCSON ARIZONA

Department of Planetary Sciences
Lunar and Planetary Laboratory

Tucson, Arizona 85721
Tel: (602) 621-6963
Fax: (602) 621-4933
Telex: 187167 AZUTUC UT

To: A. Traverse
D. Beeson

From: A. Hildebrand

Re: Brazos samples

Sorry to have taken so long to get these to you. We had a crisis here starting 10 days ago which chased everything else from mind.

The samples AH90-12 to AH90-16 include all the major lithologies at the Brazos 1 section together with the first two I sent you. These samples also precisely bracket the boundary interval as I told you on the phone. If you don't see adequate preservation/signal in these samples then Brazos 1, which I think is the best section to sample, will not provide useful information bearing on the boundary problem.

Please call me if you have any questions concerning stratigraphy, intervals, etc. I hope to show you the ~~sou~~ section in the field.

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11 April, 1990

Dr. Alan Hildebrand
Dept. of Planetary Sciences
University of Arizona
Tucson, AZ 85721

Dear Alan:

The samples came the same day as your phone message (2-IV-90). Because of end-of-semester crush, nothing will happen to them until May, however. Thanks very much. We'll be in touch.

Yours very truly,

Alfred Traverse

AT/et

Hunt Institute for Botanical Documentation

TO AT

DATE 2.14.90 TIME 4:30

WHILE YOU WERE OUT

M. Heidebrand

Of

Phone

TELEPHONED	☒	PLEASE RETURN CALL	☐
CALLED TO SEE YOU	☐	WILL CALL AGAIN	☐
RETURNED YOUR CALL	☐	RÜSH	☐

MESSAGE Sending spls. today. Sorry to have taken so long.

Signed BT

The Standard Register Company

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19 March, 1990

Dr. Alan Hildebrand
Dept. of Planetary Science
University of Arizona
Tucson, AZ 85721

Dear Alan:

I have been sick with flu and complications for over two weeks--as I write I still have a fever and feel lousy. This is by way of accounting for poor response to phone messages, etc.

Dale and I just finished studying his preparations of the two samples of Brazos River material. Neither preparation is as good as slides we have of the Kauffman material prepared in Nichols' lab, but Dale thinks that this is in part due to our being unfamiliar with the lithology--we will get better preparations.

BR23 contains relatively abundant trilete spores (ferns) and relatively rare other palynomorphs. Dinocysts rare to absent. Next time we should run a larger sample. There is much organic junk--opaque carbonized, as well as translucent cellulosic matter.

BR0 is a quite sparse residue. The palynomorphs are often pyrite-rich. There is much cellulosic junk. However, there are a few pollen grains and abundant fern spores. Dinocysts rare, if present at all (only a few problematic specimens seen).

Both samples contained some older reworked palynomorphs.

The fern spores indicate probable proximity to land. Their abundance in BR23 is the same story as for one of the Nichols (Kauffman sample) slides we have. I wonder if it correlates with iridium, etc.?

We would be interested, as I've said over the phone, in further samples, and we would eventually like to collect some sections specifically for this purpose, with your help.

Yours very truly,

Alfred Traverse

AT/et
cc: D. Beeson

Hunt Institute for Botanical Documentation

pls Read ASAP !

5 MARCH 1990

TO: A. Traverse
FROM: D. Beeson
RE: phone call to A. Hildebrand

I passed on preliminary results of BR0 + BR23 sample processing / analysis (see attached sheet).

He wanted to know if we felt the samples would be useful in our research because he has additional sample material he could send us. I said that I believed the samples would be productive enough, but deferred any final decisions on that to you.

Alan will be going to the Brazos River field site this coming weekend to do some sampling. He said he would collect additional material for us if we were interested. Again, I said I thought we were interested and we would be grateful for the help. You should get back to him on this point as I mentioned you would before he goes into the field.

I said that I might plan a field site visit following my Mobil Oil summer job in Mid August. He can provide all the necessary site information even if he can't personally meet me/us in the field. Furthermore, he says that Dr. Gartner at Texas A+M is familiar with his field site and loves to take people on site visits.

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A. Heilbronn Brazos River Samples 5/Mar/00

-- (initial slide prep anal.) AdB

LBRO

Rare Dinocyst (proximate)? 141.1 x 6.4
Rare foram test lining
Rare Normapolles type (triporate) 144.4 x 18
most Common (Few) { Tricolete Spores (psilate)
                     Monolete Spores
Rare Cicatricosisporites

pyrite - mod
very sparse residue
(mod calcareous j-b)

→ Reworked (darker colored) material / poly present
note: reworked? Corollina @ 133 x 4.2

→ relatively sparse residue on this slide, however, fern spores are dominant poly.

(BR23

Rare Dinocyst (proximate)?
Abun/Common Tricolete Spores (psilate) !
Few Monolete Spore
Rare Appendicisporites
Rare Palmae → 132.7 x 3.3

mod j-b
mod opaque

→ some evidence of darker reworked spores; some microbial degradation

→ psilate tricolete spores clearly dominate in this sample

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fax: 814-865-3191

26 February, 1990

Dr. Alan Hildebrand
Department of Planetary Sciences
University of Arizona
Tucson, AZ 85721

faxed to: 602-621-4933

Dear Alan:

Yes, samples are in. We will start processing as soon as we are through with a few others (e.g., Kef). Thanks also for info re British Guiana per memo of 14-II-90--that looks very interesting. But I think Dale himself will probably be fully occupied for a dissertation with your Brazos River samples. I will see what I can do to get up a project to study the stuff in B.G. Maybe the politics are not so difficult as with Venezuela.

Doug Nichols just called to point out that there's an abstract by Wrenn et al. in current (vol. 13) Palynology on the stratigraphy of the K/T boundary in some of the Brazos sections. Doug also said that an Alan Huffman at Texas A&M is working on some of the sections from various points of view. Do we need to be in touch with him?

All the best.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Hunt Institute for Botanical Documentation

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fax: 814-865-3191

26 February, 1990

Dr. Alan Hildebrand
Department of Planetary Sciences
University of Arizona
Tucson, AZ 85721

Dear Alan:

At I write this I am sitting in my Mother's kitchen in Michigan on one of my periodic checkup visits. I just re-read Van der Hammen and Wijmstra's paper you sent. I had read this when it was new (had a reprint) but had mostly forgotten it. There are two other papers in the series, by Van der Hammen and by Leidelmeyer, which I also have.

What do you think the correct approach is re getting at the sections?

All the best.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

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Telex: 187167 AZUTUC UT

February 12/90

To. A. Traverse & D. Beeson

From: A. Hildebrand

Re: Brazos River, Texas test samples.

Here are the two test samples we discussed on the phone. They should both be washed to remove modern clays and possibly organics from the surfaces of the fragments. The lithologies are mudstones.

BR0 (5cm) - The base of the section I sampled. ~1.5 m below the base of the coarse deposits I, and others, have suggested represents a chaotic impact wave deposit at the boundary. This event apparently eroded some of the uppermost Cretaceous, but this sample is still in 29R magnetozone.

BR23 (10cm) - Near the top of the section I sampled. ~1.0 m above the top of the fireball layer as I have interpreted the stratigraphy. Basal Paleocene is confirmed by calcareous forams and nannos.

(over)

Hunt Institute for Botanical Documentation

I send under separate cover some info concerning K/T section potential in non marine sediments in the Guianas. These would be the lowest paleolatitudes I know of for any section (except deep sea).

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1 February, 1990

Dr. A. Hildebrand
Lunar and Planetary Laboratory
University of Arizona
Tucson, AZ 85721

Dear Alan:

Your memo of several weeks ago has been read and discussed by Dale and me. Your analysis and the enclosures intensifies our conclusion that Dale's best shot is for sections in Venezuela. We had begun before Christmas trying to work on contacts there. However, my previous experiences with getting access to the geology of that country have, after many years, yielded zip, even though I have a permanent post-doc here who is Venezuelan and seems to have "connections."

I am now writing Carlos Schubert, whom my post-doc knows, hoping that he might be able to help. If you have any other ideas please keep us in mind.

Dale says you wanted reference to Muller et al., and he made a xerox of title page to send you. It's enclosed.

All the best.

Yours very truly,

Alfred Traverse

AT/et
encl
cc: D. Beeson

Hunt Institute for Botanical Documentation

621-4655

Lunar and Planetary Laboratory

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ca. 15 Jan. 1990

To: A. Traverse
D. Beeson

From: A. Hildebrand

Re: Tropical K/T boundary sections suitable for palynological studies.

As Dale and I discussed on the phone:

1. DSDP holes 151-153 contain the K/T but are deepwater (>3000 m) environments.
2. The Beloc, Haiti sections are also deepwater (~2000 m ?) sections.
3. The Brazos River sections are middle to outer shelf, and I seem to recall that no palynomorphs are present, but I will send you a sample to try if you wish.
4. The best potential for nonmarine tropical K/T sections I know of is in the Guyanas, but I don't know of any specific locality where the boundary may be sampled.
5. I enclose copies of 2 papers describing marine shelf sections in Brazil* and Chile as promised as well as other info.

If I can be of further help please contact me.

Hunt Institute for Botanical Documentation

* The Brazilian section is the best definite candidate I know of for your purposes

TO Alfred

DATE 1-4-90 TIME 1:35

WHILE YOU WERE OUT

M. Allen Hildebrand

Of

Phone 602 621 4655

TELEPHONED ☑ PLEASE RETURN CALL ☑

CALLED TO SEE YOU ☐ WILL CALL AGAIN ☐

RETURNED YOUR CALL ☐ RUSH ☐

A. Hildebrand —

- Brazos material — J. Edwards
- Guinea ? old work
- Brazil - shelf section might be good

TATE UNIVERSITY
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5-3191

r, 1989

oundary sections in

t, a Ph.D. student
preciate a chance to
f a K/T section (or
nately, months of
been fruitless so
worth a try. Perhaps we could
your left-over samples (it only requires 30
grams or so). Could I have an address for Maurrasse to ask for
more?

Do DSDP holes 151-153 include the K/T? Is the sediment completely marine?

With apologies for being a nuisance, I am

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et
cc: Dale Beeson

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11 December, 1989

Dr. Alan R. Hildebrand
Department of Planetary Sciences
University of Arizona
Tucson, AZ 85721

Dear Dr. Hildebrand:

Your abstract in GSA Ann. Mtg. book re K/T boundary sections in Haiti caught my eye.

Is anybody working on the palynology? If not, a Ph.D. student (Dale Beeson) of mine and I would greatly appreciate a chance to have a look. We had decided to do a study of a K/T section (or better, sections) from the tropics. Unfortunately, months of trying to find a suitable, available one have been fruitless so far. The section in Haiti sounds worth a try. Perhaps we could process a few of your left-over samples (it only requires 30 grams or so). Could I have an address for Maurrasse to ask for more?

Do DSDP holes 151-153 include the K/T? Is the sediment completely marine?

With apologies for being a nuisance, I am

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et
cc: Dale Beeson

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28 December, 1988

Dr. R. S. Hill
Botany Department
University of Tasmania
GPO Box 252C
Hobart, Tasmania
Australia 7001

Dear Bob:

The samples just came--Xmas present! Many thanks for sending them. Next year's palynology class will have some fun. This year's class were 100% successful--e.g., one got as an unknown a Permian sample from Zimbabwe--student said: "Late Permian (Guadalupian) of Gondwanaland, probably southern Africa." It always impresses me that they can do it.

All the best to you for 1989. Your trip was surely a high point for '88 for us!

Yours very truly,

Alfred Traverse

AT/et

Hunt Institute for Botanical Documentation

University of Tasmania

Sandy Bay Campus
Churchill Avenue
Sandy Bay Hobart
Correspondence
GPO Box 252C
Hobart Tasmania 7001
Australia
Telephone (002) 202101
Telex AA 58150
Facsimile (002) 202186

Botany Department

23rd September 1988

Prof. A. Traverse,
The Pennsylvania State University,
Department of Geosciences,
Palynological Laboratories,
435 Deike Building,
University Park, PA 16802.

Dear Al,

Thank you for your letter of September 12th. I hope we will see you again in Tasmania. I recently sent your specimens to you (by surface mail), including the extra ones you requested. I hope it all arrives safely, but if there are any problems please let me know, since it is easy for us to send more samples. I would very much like to get to the United States at some time in the not too distant future, and I will certainly include Pennsylvania on my itinerary.

Once again thank you for your letter and the compliments contained therein. Please pass on my regards to your wife.

Best wishes,

Bob Hill.

Bob Hill

Hunt Institute for Botanical Documentation

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3 May, 1987

Dr. Chris R. Hill
British Museum (Natural History)
Cromwell Road
London SW7 5BD, U.K.

Dear Dr. Hill:

Thanks so much for yours of 23 April, and the very thorough presentation of the Trochiliscus case. There have now been several other opinions rendered, more or less gratis (one from China). I believe the proposal will be defeated. Your opinion will be of great interest to members of the committee and others.

Best wishes.

Yours very truly,

Alfred Traverse
Professor of Palynology
Secretary, IAPT, Committee for
Fossil Plants

AT/et
cc: W.G. Chaloner

Hunt Institute for Botanical Documentation

December 2, 1975

Dr. Elizabeth Hill
Section of Vertebrate Fossils
Carnegie Museum of Natural History
4400 Forbes Avenue
Pittsburgh, PA 15213

Dear Dr. Hill:

I got the mysterious fossil, and have so far had no luck in identifying it. We have had a team of paleobotanists go over it (Spackman, Cornet, and I), and none of us is willing to purchase it as a plant fossil! I then turned to Roger Cuffey, a bryozoan expert but very knowledgable in general paleontology as well. He and I have spent some time with the thing and are wondering if you ought not to reconsider the animal kingdom. We note the gradation of the "scales" toward one side of the specimen in a rather fish-skinlike manner and wonder whether all possibilities have been checked out among the fish? For example, could it not be a part of a lob-finned fish's fin?

In any case, I am returning the fossil to you for further consideration and processing. I did not write Ms. Valentine, as I think it is embarassing not to be able to tell the girl something more definitive. It is an interesting thing, and has kept us busy for some time! Best wishes.

Yours very truly,

Alfred Traverse
Professor of Palynology

P.S. Would you let me know whatyou conclude?

AT:jb

Hunt Institute for Botanical Documentation

UNITED STATES
DEPARTMENT OF THE INTERIOR

BUREAU OF MINES
Region V.
2908 Colfax Avenue South
Minneapolis 8, Minnesota

RECEIVED
JAN 21 1952
U. S. Bureau of Mines
Grand Forks, North Dakota

January 18, 1952

Memorandum:

To: Alfred F. Traverse, Jr. Technologist, Grand Forks, N. D.
through Alex C. Burr, Chief, Fuels Technology

From: Special Assistant to the Regional Director

Subject: Traveling Expenses in Reporting to Official Station.

We have at last completed the preaudit of your travel voucher, claiming reimbursement for travel from Pittsburgh, Pa. to Grand Forks, N. D. via temporary points of duty. It has been very difficult to come to a conclusion as to what should and what should not be allowed due to official travel being mixed with personal travel.

For instance, it would appear that arriving at Indianapolis, Ind. 7:45 p.m. 11/7 you could have left that same evening on the 10:35 p.m. train for Detroit, getting there at 7:45 a.m. 11/8. It also appears that official business was completed at Detroit in one day; therefore, departure could have been made from Detroit at 10:25 p.m. returning to Indianapolis, Ind. at 6:15 a.m. 11/9, leaving Indianapolis that same morning at 8:00 a.m. and arriving in Urbana, Ill. at 1 p.m. (Indianapolis was not an authorized stop and the repair of your car is a personal matter). It is presumed that official business could have been completed at Urbana the afternoon of 11/9. Leaving Urbana 8 a.m. 11/10 with an allowance of 320 miles per day, would bring you into Grand Forks by noon 11/12/51. (Official mileage Urbana to Grand Forks 830 miles).

You arrived at your official station 11/18/51 and, therefore, any excess travel time would have to be charged to annual leave, which, according to the above, would be 4 days (11/12 being a holiday, no leave is charged for that afternoon).

If, after reviewing the attached statements, you find that travel could not have been performed in the manner we have stated, please advise, so that further consideration may be given before final appoval is made of your voucher. For instance, if there were definite appointments, or official duties could not be completed at the time we have specified.

Voucher has been typed according to your claim and suspension will be made, allowing you cost of travel by car to the amount of $76.55. The full amount of your claim cannot be allowed since you must bear the cost from place of appointment to your first official station.

L.A. Hill

L.A. HILL

Hunt Institute for Botanical Documentation

Comparative cost statements by car: (official mileage)

Pittsburgh, Pa. to Morgantown, W. Va.	74 miles
Morgantown, W. Va. to Columbus, Ohio	205 miles
Columbus, Ohio to Urbana, Illinois	295 miles
Urbana, Illinois to Minneapolis, Minn.	516 miles
Minneapolis, Minn. to Grand Forks, N. D.	314 miles
	1404 miles @ 5¢ per mile $70.20

Per diem allowed:

10/31	$3.00
11/1-12 M.	92.00
	$95.00
	70.20 mileage
	$165.20

Claim for per diem on 10/31 made on prior voucher up to noon at the $6.00 rate which must continue for the balance of the day when departure is not made before noon. See Administrative Order 480-D.

Travel by car direct:

Official mileage Pittsburgh, Pa. to Grand Forks, N. D. 1193 miles @ 5¢ - $59.65

Per diem: 1/2 day 10/31 $3.00
3½ days 26.00
$29.00
59.65 mileage
$88.65

$165.20
-88.65
$ 76.55 allowance for travel by car.

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Common carrier comparative cost statements:

10/31	Lv Pittsburgh, Pa.	9:10 a.m.	(B&O) coach only. R.T.		$7.77
	Ar Morgantown, W. Va.	12:55 p.m.			
11/3	Lv Morgantown, W. Va.	5:25 p.m.			
	Ar Pittsburgh, Pa.	9:00 p.m.			
11/4	Lv Pittsburgh, Pa.	8:15 a.m.	(B&O) $9.92 fare		
	Ar Columbus, Ohio	2:29 p.m.	1.96 seat		11.88
11/7	Lv Columbus, Ohio	8:00 p.m.	(C&O) 9.32 fare		
11/8	Ar Detroit, Mich.	5:10 a.m.	4.66 L.B.		13.98
	Lv Detroit, Mich.	8:10 p.m.	(WAB) 17.09 fare		
11/9	Ar Urbana, Ill.	4:18 a.m.	5.00 L.B.		22.09
	Lv Urbana, Ill.	8:38 p.m.	(Ill. Central)		
	Ar Chicago, Ill.	10:42 p.m.	Coach		3.67
	Lv Chicago, Ill.	11:15 p.m.	(Milw.) 16.38 fare		
11/10	Ar Minneapolis, Minn.	8:40 a.m.	4.66 L.B.		21.04
	Lv Minneapolis, Minn.	9:40 a.m.	(GN) 12.26 fare		
	Ar Grand Forks, N. D.	5:25 p.m.	2.53 seat		14.79
					$95.22
	Per diem: 10½ days @ $8.00				82.00
					$177.22

Travel Pittsburgh, Pa. to Grand Forks, N. D. direct:

10/31	Lv Pittsburgh, Pa.	11:00 a.m.	(Penn.) $24.32 fare		
	Ar Chicago, Ill.	8:30 p.m.	3.80 seat		$28.12
	Lv Chicago, Ill.	11:15 p.m.	(Milw.) 16.38 fare		
11/1	Ar Minneapolis, Minn.	8:40 a.m.	4.66 L.B.		21.04
	Lv Minneapolis, Minn.	9:40 a.m.	(GN) 12.26 fare		
	Ar Grand Forks, N. D.	5:25 p.m.	1.72 seat		13.98
					$63.14
	Per diem: 1¼ days @ $8.00				10.00
					$73.14

$177.22
-73.14
$104.08 allowance had common carrier been used.

(Per diem of $4.00 on 10/31 due to claim for 1/2 day on prior voucher.)

Hunt Institute for Botanical Documentation

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
Box LL, University Station
Grand Forks, North Dakota

January 21, 1952

Mr. L. A. Hill
Special Assistant to the Regional Director
U. S. Bureau of Mines
2908 Colfax Avenue South
Minneapolis 8, Minnesota

Dear Mr. Hill:

I have just read your memorandum and its appended statements on my travel to Grand Forks in November 1951. Nobody will deny that this is an unusually difficult case. I appreciate the close attention you have given it.

However, there are some things upon which I should comment. The net effect of the statements is to make it appear that it was my intention to claim more reimbursement than I believed to be owing me. I had gone over the facts of this trip quite carefully with the Pittsburgh travel office before beginning the trip and my claim was for the amount which I believed would be due me.

My comments on specific items:

1. I was appointed as of Cambridge, Mass., and my excess travel because of indirect route must be so computed--see RVS-1, July 17, 1951. I can hardly have had two first official stations. I did report to Pittsburgh from Cambridge, and Pittsburgh is not on a direct route from Cambridge to Grand Forks. This will obviously increase the excess mileage.

2. The assumption that official business in Detroit could have been accomplished in one day is accurate, but that it could have been accomplished on November 8 is inaccurate because the Coal Committee meeting which I attended was on November 10 (all day meeting). I completed my business in Columbus on November 7 and could not have arranged it otherwise because of the schedule of my host in Columbus.

3. I could not have accomplished my business in Urbana in an afternoon, as you suggest, because I did a very full day's work

Hunt Institute for Botanical Documentation

there (and part of an evening's as well). Especially I should like to point out that I could not have completed business in Urbana November 9 because I was invited by my host, Mr. Kosanke, of the Illinois Geological Survey, to deliver a lecture on lignite in the Natural History Building at the University of Illinois, 4:00 pm, November 13, which I did.

4. Your statement that I could have left Urbana at 8:00 am, November 10, and arrived in Grand Forks 12 m, November 12, is unrealistic because my time of departure from Urbana was dictated as per item No. 3 above and the condition of the roads was bad for much of the trip. While necessary repairs to one's automobile may be a personal matter, it seems that weather conditions could be considered an act of God. You will perhaps remember that, on November 16, you personally recommended that I defer my departure from Minneapolis to Grand Forks until the 17th, as I had been advised to do by the AAA.

To summarize, may I say that my objection is not merely to the suspension--I should be glad to have done with this and settle for $76.55--but to the challenge of my schedule. As you have implied, the way this trip worked out was personally advantageous--which was merely fortunate and nothing more. For example, that the Coal Committee Meetings were in Detroit on November 10, and my business in Urbana could not begin until November 13, allowed me to take a comfortable pace between these points, without <u>in any way</u> affecting the dispatch of my business in either Detroit or Urbana.

I cannot sign the voucher as it now is, but believe I could morally do so if it were changed slightly with the above facts in mind.

Yours sincerely,

AT

Alfred Traverse

cc: Traverse
File

Hunt Institute for Botanical Documentation

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
Box LL, University Station
Grand Forks, North Dakota

January 28, 1952

Mr. L. A. Hill
Special Assistant to the Regional Director, Reg. V
2908 Colfax Avenue South
Minneapolis 8, Minnesota

Dear Mr. Hill:

Thank you very much for your kind explanatory letter of January 25. I am satisfied with the arrangements as they now are. It seemed to me important that all of the facts be clearly established, and I appreciate your help in straightening out the matter. I trust that this closes RVS-1!

Yours sincerely,

ALFRED TRAVERSE

CC: ~~Ringwood~~
Traverse ✓
File

Hunt Institute for Botanical Documentation

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

January 25, 1952

Alfred F. Traverse, Jr.
Technologist (Coal)
Charles R. Robertson Lignite
Research Laboratory
Grand Forks, North Dakota

Dear Mr. Traverse:

As you will note from the fourth paragraph of our memorandum to you dated January 18, 1952, the principal purpose of sending the statement of your travel to you was in order to obtain confirmation of assumptions which we had to make and for an expression from you as to differences, including additional information as to the requirements of your appointments or other official duties. Your letter of January 21, 1952 gives us the additional information which we needed.

There is no reason at all to feel that "the net effect of the statements is to make it appear that it was my intention to claim more reimbursement than I believed to be owing me." Vouchers covering travel reimbursement are submitted by employees of the Government on the basis of their understanding of what is due them. A suspension, either by the Administrative office or by the General Accounting Office, has no moral implications, but simply is made to adjust the reimbursement to the amount permitted by law and regulations.

We are submitting herewith, for your signature and the approval of Dr. Burr, the statement of travel claimed, which has been rewritten in accordance with the information given to us in your letter of January 21, 1952. You will note that we have included in the comparative statements the official mileage from Boston to Pittsburgh. We have made other adjustments in accordance with your statements regarding the dates of your assignments and the time necessary to complete your official business at the various locations. Difference in the mileage by traveling via Pittsburgh is 37 miles over the direct route from Boston to Grand Forks. This excess mileage increases your net amount of reimbursement in the amount of $1.85. You will note that Pittsburgh was not considered your official station, in that per diem was paid to you when you were there, which would not be possible if Pittsburgh was your official station.

Hunt Institute for Botanical Documentation

You will note that we were not able to carry you on per diem after 6:00 p.m. on November 16, 1951. In this regard, we quote in part from 22 Comp. Gen. 870 "A newly appointed employee who performs temporary duty at the place of his appointment before reporting to his first permanent duty station may be paid administratively authorized subsistence for the temporary duty period up to the time of departure for his first permanent post". The fact that weather did not permit your continuing to Grand Forks, and caused a lay-over in Minneapolis does not affect the travel reimbursement, as such a condition occurring while on your way to report to your official station would be a matter to be handled as a personal expense, and does not increase the cost to the Government. The fact that I personally recommended that you defer your departure from Minneapolis to Grand Forks was in the interest of your health and safety, and had no implications as far as reimbursement of travel expense was concerned.

For your additional information, we are submitting with the original of your reimbursement voucher a statement of comparative costs which have been developed in accordance with the facts which you presented to us in your letter of January 21, 1952. Again, may we say that this voucher has been prepared on the basis of the information which you have given to us, and we wish to advise that if there is some additional information which will affect this voucher we will be pleased to have you give it to us and return the voucher so that we can make such changes as appear necessary and legal. You will note from the comparative statement attached that you will be allowed $113.40, and the difference from that amount and the $162.00 which represents the total amount claimed will be administratively suspended in accordance with travel authorization RVS-1, dated July 17, 1951. I might add that, in case you feel that the reimbursement voucher as finally approved and passed for payment is not correct, an additional claim can be made on another voucher, and that voucher will be submitted to the General Accounting Office for direct settlement.

Sincerely yours,

L. A. Hill

L. A. HILL
Special Assistant to the
Regional Director, Region V

Enclosures

Hunt Institute for Botanical Documentation

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

RECEIVED
MAY 14
U. S. Bureau of Mines
Grand Forks, North Dakota

May 13, 1952

Alfred F. Traverse, Jr.
Bureau of Mines
Box LL, University Station
Grand Forks, North Dakota

Dear Sir:

In the audit of your travel voucher for the period April 28 to 29, 1952 we have suspended $2.00 from your claim as it has been administratively determined that you could have reached your official station by 6 o'clock on April 29, with a savings of one period per diem.

Very truly yours,

L. A. Hill

L. A. HILL
Special Assistant to the
Regional Director

Hunt Institute for Botanical Documentation

A. C. Burr, Chief, Fuels Tech. Div., Reg. V August 8, 1952

Coal Technologist

Travel Voucher

I recently submitted a per diem voucher for the core drilling trip to Ward County.

I listed our time of departure as 11:45 a.m., 18 July, which is correct to the minute. I had planned that we should leave earlier in the morning, but was delayed by one thing and another, but the departure was clearly a forenoon departure (we lunched at Devils Lake).

Mr. Hill processed the voucher and "administratively" determined that we should have left after noon; hence, I was docked $2.

Now $2 is not enough, as against a total amount of $110, for me to be able to afford to fight. I must take the $108. But I am going to protest, through you.

The regulations on this business clearly state that the crucial times are 12 p.m., 6 a.m., 12 m. and 6 p.m. I cannot see that it is defensible to say how close to 12 m. can be reported and still count as before 12 m. What this attitude encourages is dishonesty. I knew perfectly well that this $2 would be withheld. At the same time I was unwilling to report an earlier departure time, though it is clear to me that that is the sort of thing this policy encourages. In brief, it is my opinion that 11:45 a.m. is as much a part of the forenoon as 10:45 a.m. I would like Mr Hill to define just what is considered the dividing line between the forenoon and afternoon, if it is not considered as 12 m., which is, I believe, the conventional demarcation.

While I realize that Mr Hill is not responsible for these regulations, I feel that it is essential that the time limits for per diem quarters be clearly defined for the benefit of travelers.

ALFRED TRAVERSE

Hunt Institute for Botanical Documentation

Region III
Box LL, University Station
Grand Forks, North Dakota

January 28, 1955

Memorandum

To: T. A. Christensen, Chief, Division of Administration, Denver

From: Coal Technologist

Subject: Addenda to travel voucher for period 1/10/55 - 1/19/55

1. The original round-trip ticket, Grand Forks to Denver via Fargo, North Dakota, and Billings, Montana, and return, was procured in order to try this route experimentally. Travellers to Denver from this station have been making the trip via Minneapolis and Omaha. The Billings route has the advantage of arrival in Denver before the opening of the business day (7:30 a.m.); the Minneapolis-Omaha route gives an arrival in Denver about an hour later, presuming departure from Grand Forks at the same time in each instance.

The trip to Denver, via Billings, worked out satisfactorily, but unfortunately the ticket agent in Grand Forks did not indicate that the return trip by the same route is so undesirable as to be almost impossible: the daily train, Denver to Billings (CB&Q RR) leaves in the evening and arrives at 5:00 p.m. the next evening in Billings. The first east-bound train out of Billings is then 2:10 a.m. the next morning, reaching Fargo at 5:19 p.m. the next day. It is then necessary to wait in Fargo until 10:29 p.m. that night for a train to Grand Forks.

It was my judgment that the undesirability of the above schedule was so great as to merit the change of route. Had the difficulty of the return trip been pointed out to me before departure, I would not have selected this route.

2. Roomette accomodation on Northern Pacific train, "North Coast Limited", Fargo-Billings, was necessary because the train does not carry section space. I had not realized that this was so when plans to travel via Fargo and Billings were made.

3. Roomette accomodation on Union Pacific train, "National Park Special", Denver-Omaha, was necessary because no section space was available when request for reservation was made. This request was not made until the day of departure because it was not certain until then when business in Denver would be completed. The ticket agent in Denver marked "no section space available" on the TR.

ALFRED TRAVERSE

ATraverse:dok
cc: East
Files 264
O File

Hunt Institute for Botanical Documentation

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
PALYNOLOGICAL LABORATORIES
435 Deike Building
University Park, PA 16802
(814)863-3419 or (814)865-6393

2 February, 1987

Dr. Len V. Hills
Department of Geology
University of Calgary
Calgary, Alberta, Canada
T2N 0Z7

Dear Len:

I'm still trying to get a copy of the 1983 supplement for the generic cards. I never seem to have received it. Please send me a copy and bill me for it. I really need it. Ignore this if they're already on the way.

Many thanks!

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Hunt Institute for Botanical Documentation

24 October, 1986

Dr. L. V. Hills
Department of Geology
University of Calgary
Calgary, Alberta, Canada T2N 0Z7

Dear Len:

Thanks for yours of 9 October, '86, signed by G. Johnston. The plot thickens. A list from Jan makes it clear that I am also missing the supplement for 1983 (per list #4058). Please send me a set of that with appropriate bill.

In the meantime, I enclose a check for $20 Canadian for the 1985 set.

I look forward to getting the 1983 Supplement.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et
encl: check for $20
cc: Jan Jansonius

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF CALGARY

2500 University Drive N.W., Calgary, Alberta, Canada T2N 1N4

Faculty of SCIENCE
Department of GEOLOGY and GEOPHYSICS

Telephone (403) 220-5841

October 9, 1986

Dr. A. Traverse
College of Earth and Mineral Sciences
Department of Geosciences
Palynological Laboratories
Pennsylvania State University
University Park, Pennsylvania 16802

Dear Dr. Traverse:

Enclosed please find a copy of the 1985 Genera Card File supplement. The cost is $20.00 Canadian, payable to the Genera Card File.

Please accept our apologies for the lateness, as you do have a standing order with us.

Sorry for the inconvience, best wishes,

Yours sincerely,

B. Johnston
for
Dr. L.V. Hills

/gmj

Olympic Village and Speedskating - 1988

Hunt Institute for Botanical Documentation

20 Sept., 1986

Dr. Len V. Hills
etc.

Dear Len:

I'm down to typing my own letters, so watch out!
I have never received the 1985 supplement to the card-file. It was my intention to have a standing order--don't I have? I am sure I never failed to pay my bill--do your records not agree with this?
In any event, please send me a 1985 supplement asap and reinstitute me as a standing order, if that is necessary.

Best wishes, as ever.

Yours very truly,

Alfred Traverse

cc: Jan Jansonius

Hunt Institute for Botanical Documentation

19 November, 1984

Dr. L. V. Hills
Department of Geology
University of Calgary
Calgary, Alberta, Canada T2N 1N4

Dear Len:

Perhaps I shouldn't bug you again--but the last time you were still overwhelmed by the meeting, etc. Once again, I beg some photos or loan of negatives to make photos of Paleozoic and Mesozoic megaspores. Some SEM would be very nice.

Secondly--for my processing section, what would you recommend--I have found a batch of different procedures in the literature. But if you could cite one publication for me to follow, that would be great.

Reminds me that my graduate student, Andy Schuyler, had the idea of tackling our Dpper Devonian rocks here for megaspores, and he wrote you--I gather you've already answered, for which thanks.

Frasnian seems to be the heyday of megaspores--I recall from somewhere that you have a chart about this--is that from a publication to which you could refer me, or was it from an oral paper I heard you give? If the latter, is a xerox of the graph or chart a possibility?

All the best.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Hunt Institute for Botanical Documentation

2 March, 1984

Dr. Len V. Hills
Department of Geology
University of Calgary
Calgary, Alberta, Canada T2N 0Z7

Dear Len:

Your warm acceptance of m y begging-bowl was comforting. What I need is an assortment of photos and SEMgraphs of megaspores, Devonian-Recent, something as follows:

1. A group of about 15-20 photos, including perhaps 2-3 SEM-graphs, of as many ages as possible, Devonian-Recent (in my present class handout I used line drawingsffrom Potoniá and other sources and some good xerox copies of half-tones from Sweet, Hills, etc.)

2. A group of DDvonian-Carboniferous megaspores for a plate of same--could use perhaps 15 or so for this, again if possible, including a coupld of SEM-graphs.

3. A group of Mesozoic megaspores for a plate, again, perhaps 15-20.

You can tell that I have in mind photos about 5 cm. across or so, or smaller. How you want to do this should depend on what is the least trouble for you. If you're in a position to give me prints that don't need to be returned, great. If you want to loan photos, we can photograph them with only a little loss of detail. If you want to lend negatives, we can make prints and return the negatives. In any event, whatever you want back will be mailed off in a matter of days. I should know if the pics have been published and where, so I can requessspermission of the publisher, if there's a copyright. As much info as possible, systematic, geological and geographic is also desirable.

Naturàlly, I am delighted that you're willing to help me.

Best wishes.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Hunt Institute for Botanical Documentation

18 December, 1980

Dr. L. V. Hills
Department of Geology
University of Calgary
Calgary, Alberta, Canada T2N 1N4

Dear Len:

Good to have yours of 24 November and especially to know that you and others in Canada (CAP, ~~ett~~.) are at work on 6-IPC. Presumably you are in touch with Caratini and Jan du Chêne, but I am sending Claude a copy of this letter to let him hear the good news.

The correct style for the Calgary-1984 meeting should be: "6-IPC". We decided some years ago that, to avoid confusion, we would reserve "ICP" for the Commission, and call the Conferences "International Palynologigal Conferences", acronym IPC. I am not sure that we shouldn't change the name of the meetings to "Congress", as it sounds grander (helps funding!) and is really more accurate too. This would not change the acronym--still would be 6 IPC. What do you and Jan think of that suggestion?

All the best for the holidays.

Yours very truly,

Alfred Traverse
Visiting Professor

AT/et
cc: Caratini

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF CALGARY

FACULTY OF SCIENCE
Department of Geology and Geophysics

2500 University Drive N.W., Calgary, Alberta, Canada T2N 1N4

Telephone (403) 284-5841

file

November 24th, 1980

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

Dear Al,

Regarding the megaspores from Pennsylvania. This data came from the paper by Cross (1947). I can see your problem in that on re-looking at that paper, it implies the presence of forms but does not specifically state that they are present. This was a problem that we wrestled with on a number of papers as to precisely what occurred where.

The ICP (1984) planning is progressing. I will be having a meeting with CAP directors in Ottawa next week, and we'll have a detailed meeting here in Calgary mid January.

Yours sincerely,

Len

L. V. Hills

:mh

?

Hunt Institute for Botanical Documentation

30 October, 1980

Dr. L. V. Hills
Department of Geology
University of Calgary
Calgary, Alberta, Canada T2N 1N4

Dear Len:

Just read yours in Palynology 4 re megaspores. Could you share with me where the citation for "20" from Pennsylvania came from, as I try to keep a file of such things? I had a student a while back who did a thesis on Devonian-Mississippian megaspores from near here, but so far my blandishments have not encouraged him to publish even a summary.

Best wishes.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Hunt Institute for Botanical Documentation

February 6, 1978

Dr. Len V. Hills
Department of Geology
University of Calgary
Calgary, Alberta, Canada T2N 0Z7

Dear Len:

Thank you for the reprints you sent not long ago, if I have not previously acknowledged them. What a haul! The information about Quaternary O will be useful, I was fascinated by the beautifully preserved stuff from the Beaufort, the evidence of your megaspore work which I heard orally on the Cretaceous of Alberta is nice to have in printed form, and the other Cretaceous papers are going to be very useful to have around.

One minor caveat: after being caught once or twice myself, I am finally convinced that we shouldn't use the term "microflora" for palynomorph assemblages, since the term is so well established for bacteria and the like, as in animal gut.

Saving my money and hoping I can raise enough for the Calgary meeting in the fall, and with best wishes

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

Hunt Institute for Botanical Documentation

9042 - 90 Street,
Edmonton, Alberta, Canada,
September 13, 1965.

Dr. A. Traverse,
Bureau of Economic Geology,
The Little Campus,
University of Texas,
18th and Red River Streets,
University Station, Box X,
Austin, Texas, 78712.

Dear Dr. Traverse:

I am sending a palynological reprint under separate cover and would appreciate receiving any reprints you have available.

I just completed my Ph.D. thesis on the Palynology of some Middle Eocene Strata in British Columbia.

Sincerely yours,

Les

L. V. Hills.

Hunt Institute for Botanical Documentation

1 September 1965

Mr. L. V. Hills
#12-6645 111 Street
Edmonton, Alberta
Canada

Dear Mr. Hills:

A letter from you dated 4 October, 1962, just came to the surface, which I fear I never answered. Are you still interested in palynology? If so, you might still desire reprints. But I shall wait to hear from you and promise--this time--a prompt reply!

Yours very truly,

Alfred Traverse
Geologist

AT:jt

Hunt Institute for Botanical Documentation

#12 - 6645 - 111 Street,
Edmonton, Alberta, Canada,
October 4, 1962.

Dr. A. Traverse,
Shell Development Company,
Exploration and Production,
Research Division,
P. O. Box 481,
Huston 1, Texas,
U. S. A.

Dear Dr. Traverse:

I have recently been doing palynological studies on Middle Eocene sediments of British Columbia. I was very interested in your paper on the Brandon lignites, as many forms appear to be common to both areas. I was specifically interested in Botryococcus, as I have tentatively identified it as being present at Princeton, B. C. Do you have any material available that contains Botryococcus? If so, I would appreciate it if you could send me some.

I would also appreciate reprints as I have just started working in palynology, and am trying to build up a reference library.

Yours sincerely,

L. V. Hills

L. V. Hills.

Hunt Institute for Botanical Documentation

CATALOG OF FOSSIL SPORES AND POLLEN

DEIKE BUILDING
THE PENNSYLVANIA STATE UNIVERSITY
UNIVERSITY PARK, PENNSYLVANIA 16802
U. S. A.



THE
INTERNATIONAL COMPENDIUM
OF
PALYNOLOGICAL SYSTEMATICS

October 6, 1971

Dr. L.V. Hills
Department of Geology
University of Calgary
Calgary 44
Alberta, Canada

Dear Len:

Thanks for yours of 27 September, regarding the possibility of a 1973 AASP meeting at Calgary. It was a most gracious invitation, and I am sure it will get a good response at the Executive Committee session at Tuscon in two weeks. I will present it. The Long-Range Planning Committee will probably be in touch with you. Offhand, I can't remember what other invitations there are. One thing I am pretty sure of, though, is that the brethren will hold firm to the October time--half-way between AIBS and GSA.

Were you around during the Permian-Triassic meeting last August?--I was there, and enjoyed the Rapson field trip greatly, but the palynological part of the meeting was a disappointment.

See you in Tuscon? Best wishes in any case.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/kai

Hunt Institute for Botanical Documentation

October 6, 1971

Mr. L.V. Hills
Department of Geology
University of Calgary
Calgary,44
Alberta, Canada

Dear Len:

Thanks for yours of 27 September, regarding the possibility of a 1973 AASP meeting at Calgary. It was a most gracious invitation, and I am sure it will get a good response at the Executive Committee session at Tuscon in two weeks. I will present it. The Long-Range Planning Committee will probably be in touch with you. Offhand, I can't remember what other invitations there are. One thing I am pretty sure of, though, is that the brethren will hold firm to the October time--half-way between AIBS and GSA.

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See you in Tuscon? Best wishes in any case.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/kai

Hunt Institute for Botanical Documentation

Hillson

Dear Betty and Al, 30-III-89

Thank you so much Betty for coming to my retirement reception. Your presence and contribution to the affair made it a joyous occasion for me. I'm sorry you couldn't be there al but I understand the reason. I hope things are going well for your mother.

Pat and I are enjoying the VCR, intend to make good use of the Kodak Projector, and the Nittany Lion statue graces our living room, a constant reminder of friends such as you.

Incidently, retirement is Great.

Sincerely,
Jim Hillson

Hunt Institute for Botanical Documentation

January 21, 1987

Al,

Here are the two papers I made reference to during our lunch. Sorry I don't have any more reprints. If you want xerox copies I can arrange.

Grossman, H.H. and Charles J. Hillson. 1974. The Effect of Chronic Low-Level Gamma Radiation on Polytrichum commune. I. Growth and development of gametophores from irradiated sporocytes and spores. The Bryologist 77:142-149.

_____ 1976. The Effect of Chronic Low-Level Gamma Radiation on Polytrichum commune. II. Regeneration in leaf and stem-leaf cuttings. The Bryologist 79:488-494.

Dr. Pursell knows of no moss spores germinating after 50+ years in storage. Does recall report of growth from herbarium material i.e. vegetative growth.

C. Hillson

Hunt Institute for Botanical Documentation

April 7, 1971

Alfred Traverse

Prof. Hillson
Biology Department

Dear Jim:

This is confirming our telephone conversation of earlier today in which I made clear to you that I would expect to vote for the proposition that the requirement of a formal thesis for the master's degree be dropped. I personally would opt for acceptance of some sort of a paper, preferably one of publishable or near publishable quality. However, I would not feel too bad about it if some other non-thesis alternative is elected. In brief, the reason that I oppose the formal thesis for the master's degree is simply that it represents a confusion of the purposes of the doctor's degree with those of the master's. I can see no reason for making the master's degree a research degree to the extent presented by some of the master's theses I have seen around here. It seems to me somewhat ludicrous for there to be master's theses on the shelves which are better than some doctoral theses, and I believe that we would be in a better position to elevate the quality of the doctoral thesis if we were not diluting our efforts with provision of masterial thesis projects.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/mdw

Hunt Institute for Botanical Documentation

THE PENNSYLVANIA STATE UNIVERSITY

INTER-OFFICE CORRESPONDENCE

Date: December 16, 1968

From: C. J. Hillson

To: Dr. Traverse

Dear Al,

In response to your inquiry about the registration for palynology— I know of no particular reason for the lack of registrants. I remember suggesting the course to several people when they pre-registered and as I recall a couple were interested and tried to fit it into a schedule. There were conflicts or something and as a result they didn't schedule it. I just looked trhough my records and you are right, no botany student is registered for the course. I didn't realize that was the case.

I know of only two reasons for students not scheduling palynology, conflicts with required courses and lack of interest in the subject. The former we can sometimes work out if the student wants the course bad enough, the latter is a matter of working up interest in the subject and I have tried to do that as best I can and will continue to do so. I don't think there is any apprehension about the course being offered or anything like that.

We'll see if we can't do better in the future, perhaps even for this coming year as some of my students are not registered yet.

Best Wishes for the Holidays

Jim

Hunt Institute for Botanical Documentation

January 3, 1968

Alfred Traverse, 529 Deike

Dr. Charles J. Hillson, Botany Department, Buckhout Laboratory

Dear Jim:

Last fall Bill Spackman and I agreed to change the terms during which our specialty courses would be given to provide a more logical arrangement. Paleobotany, formerly a spring offering, would be offered henceforth in the fall. Coal petrology, formerly a fall offering, would be offered in the spring. Palynology would remain in the winter term. The seminar courses would in each case follow the introductory course. Thus, Geology-Botany 526 (seminar in palynology) would be given in the spring.

Unfortunately, I just noticed that somebody up above us goofed. Coal petrology (Geology 421) was moved to the spring term in the yellow book. But paleobotany (Geology-Botany 420) wasnnot deleted from the list of courses for the spring.

Will you take whatever steps that might be required to see that advisers are informed about this? Paleobotany will be offered in the fall term, 1968.

Yours very truly,

Alfred Traverse
Associate Professor

AT:kwc

Fidelity Onion Skin
100% COTTON

Hunt Institute for Botanical Documentation

March 3, 1969

Dr. Werner Hiltmann
Lehrstuhl für Geologie
der festen Brennstoffe
51 Aachen, Birkenweg 4
Germany

Dear Dr. Hiltmann:

Thanks for "Über die Sporenführung der Kernprofils der Bohrung Contern FGII." I have a student working on Upper Triassic materials of Texas, and your paper will be useful for comparison.

Yours very truly,

Alfred Traverse
Associate Professor of Geology

AT:kwc

Hunt Institute for Botanical Documentation

December 16, 1968

Dr. W. Hiltmann
Geologisches Institut der T.H.
Tanplergraben 55
51 Aachen
Germany

Dear Dr. Hiltmann:

Could you spare a copy of "Über die Sporenführung des Kernprofils der Bohrung Contern FG11;" Publ. Serv. Geol. Luxembourg, 1967? It would be useful to me in my work.

Yours very truly,

Alfred Traverse
Associate Professor of Geology
Editor
Catalog of Fossil Spores and Pollen

AT:kwc

Hunt Institute for Botanical Documentation

THE RIGHT REVEREND JOHN E. HINES
PRESIDING BISHOP, EPISCOPAL CHURCH

815 SECOND AVENUE
NEW YORK, N.Y. 10017

March 29, 1967

The Reverend Alfred Traverse
Deike Building
The Pennsylvania State University
University Park, Pennsylvania 16802

Dear Al:

Thanks for your letter and the carbon to the Church Pension Fund. I think your point is awfully well taken. Sometimes the Church Pension Fund has difficulty shifting its nomenclature, but I'm glad to say they show a good deal of a better turn these days in loosening up and doing things a little differently. So, I feel confident that your pointed reminder, done in good taste, will help matters.

Hope you and your family had a marvelous Easter and that your ministry continues well.

Faithfully yours,

John E. Hines
PRESIDING BISHOP

JEH/jg

Hunt Institute for Botanical Documentation

March 22, 1967

The Most Rev. John E. Hines
Presiding Bishop of the Episcopal Church
815 2nd Avenue
New York City, New York 10017

Dear Bishop Hines:

The enclosed copy of a letter to the Church Pension Fund is pretty far afield from the vital issues of the day, but I thought it might be of interest to you. PECUSA must come to grips with the phenomenon of worker clergy, and there are a number of things about the CPF that probably need reexamination in this light.

Yours affectionately,

(The Rev.) Alfred Traverse

AT:kaw

Enclosure

Hunt Institute for Botanical Documentation

June 24, 1969

Mr. John G. Hischar
818 S. 13th
Altoona, Pennsylvania 16602

Dear Mr. Hischar:

The unfortunate snafu about your grade has been all straightened out. However, as I told you over the phone, it would be wise for you to investigate in a couple of weeks to be sure the records have been changed. I went over the whole course list with the registrar this a.m., and (thank God) there were no other errors.

Please accept my apologies for the worry this has doubtless caused you. In retrospect, I can see that I deserved the "punishment" you meted out last Friday evening!

Best wishes.

Yours very truly,

Alfred Traverse
Associate Professor of Geology

vsi

Hunt Institute for Botanical Documentation

To: khirth@udlapvms.pue.udlap.mx
From: traverse@ems.psu.edu (Alfred Traverse)
Subject: palynological samples
Cc:
Bcc:
X-Attachments:

Dear Ken:

I believe the foundation's concern is legitimate, and I would propose that as a first approach a certain number of samples be run to determine whether palynological analysis is potentially possible. How many samples that might be, and the spacing I would suggest, depends on how many samples there are in the set, and what sort of area and depth of section they represent.

I'll put a xerox copy of this in Maria's mailbox, as I don't have an e-mail address for her at hand.

All the best. Al.

Hunt Institute for Botanical Documentation

Date: Fri, 19 Jul 1996 22:57:32 -0600 (CST)
From: Kenneth Hirth <khirth@udlapvms.pue.udlap.mx>
To: Alfred Traverse <traverse@ems.psu.edu>
Subject: Re: palynology

Dear Al,

Maria Panfil and I collected a good set of column samples from the lake. She should by now be back in State College and have put them in the refrig in my lab. I have talked with the Foundation that I have been working with and they are willing to entertain the budget we talked about. They want to know, however, what the process would be for analyzing the samples. Whether it would be a preliminary analysis to determine if there was enough pollen to go forward....or whether the sample you ran a year or so ago was enough to ensure that some degree of success in the full analysis. They are thinking costs. Any information you can give me as to normal procedure would be helpful so I can communicate with them and get them on the hook.

I think the samples were taken carefully and should be as good as we can get without using some sort of coring tool to sample the faces of the cuts.

All for now,

Ken Hirth

Hunt Institute for Botanical Documentation

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
PALYNOLOGICAL LABORATORIES
435 Deike Building
University Park, PA 16802
(814)863-3419 or (814)865-6711

13 December, 1988

Harwood Academic Publishers
1 Bedford St.
London WC2E 9HD, U.K.

Dear Friends:

When can I expect delivery of my small order of reprints of my paper in Historical Biology?

file

Yours very truly,

Alfred Traverse
Professor of Palynology

P.S. Enclosed envelope just received here--totally mystifying. I sent it out on 31 May to the exact person and address indicated. In any case--here you are again.

AT/et
encl

Hunt Institute for Botanical Documentation

file: Historical Biology

harwood academic publishers gmbh

Poststrasse 22, 7000 Chur, Switzerland

Please reply to: P.O. BOX 197 London UK WC2E 9PX
Tel: 01-836 5125 Telex: 23258 SCIPUB G
Overseas Telegrams: SCIENCEPUB London WC2

RETURN OF JOURNAL PROOFS

Journal: Historical Biology Proofs sent on: 14.6.88.

Dear Contributor:

Enclosed are two sets of proofs for your paper to be published in the above journal, together with the original manuscript. Would you please check one proof carefully, and return it directly to the printer by the quickest possible route (i.e. airmail or first class post); the address is:

Proteus Micro Applications,
Ebdon House, 89 Ebdon Road,
Worle, Weston-Super-Mare,
Avon BS22 9NS.

In order to ensure speedy publication, you must return your corrected proof and the manuscript within forty-eight hours of receipt. Papers not returned on time will either be held over to the next issue or will be printed as in proof, without author's corrections.

Now that your paper has been composed and made up into page proofs, any corrections will be costly and time-consuming to execute. Please keep your alterations to an absolute minimum; also we remind you that alteration costs in excess of 10% of the original composition price will be charged to authors. Please try to make sure that any changes are indicated on the proofs in a clear and unambiguous way; a sheet giving preferred proof-correcting symbols is attached. Mark printer's errors in red and author's alterations in another color (no pencil, please).

For your convenience, a reprint order form is enclosed. If you prepay for your reprints by sending a check and the Reprint Order Form with the corrected proofs, you will be entitled to a SPECIAL DISCOUNT PRICE. Please read the reprint Order Form for complete Information.

We thank you for your kind cooperation in these matters, thus helping to promote the rapid publication of your paper in the journal.

Hunt Institute for Botanical Documentation

Historical Biology An International Journal of Paleobiology

Editor: Dr E Buffetaut
UA 720 du CRNS
Laboratoire de Paléontologie des Vertébrés
Université Paris VI
4 Place Jussieu
75252 Paris
Cedex 05
France
Tel: 43 26 78 90

Co-editors: Dr K Flessa
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Arizona 85721
USA
Tel: (602) 621 6023

Professor A Hallam
Department of Geological Sciences
University of Birmingham
Birmingham B15 2TT
UK
Tel: (021) 472 1301 Ext: 3126

I acknowledge receipt of your ~~communication/~~manuscript which is ~~receiving attention~~.
now acceptable without further modification. I shall promptly forward it to Buffetaut recommending publication.

Tony Hallam

Antony Hallam

Hunt Institute for Botanical Documentation

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
PALYNOLOGICAL LABORATORIES
435 Deike Building
University Park, PA 16802
(814)863-3419 or (814)865-6393

29 March, 1988

file

Professor A. Hallam
Department of Geological Sciences
University of Birmingham
Birmingham B15 2TT, U.K.

Dear Professor Hallam:

Here's the revised MS, etc., for Historical Biology, per your kind letter of 11 March.

I am sending you: (1) the MS you sent me, with my red-penned responses to critics' suggestions. As you will see I did exactly what they requested in almost all cases; (2) the printout of the new version; (3) a newly drafted version of Fig. 11, because my old one confused one of the reviewers (whom I believe from the script to be WGC!), and I think he was right in suggesting change.

Re Spicer's suggestions: I believe I have accepted all of them in as close to the way he intended as possible.

Re WGG's (?) suggestions: he really caught some bad mistakes (but nobody caught the fact that Steve Scheckler's name was misspelled throughout!). Re the statements about Fig. 3, I have added a statement to the caption to explain the width of the bands, but I don't want to add the speicific numbers--not pertinent to the point being made. Re Fig. 4 I have added an explanatory note regarding the stippled patch--the reviewer was right that it was confusing. Re Fig. 11: please substitute the new version for the one you have.

That seems to be about it. Imagine a paper critiqued by Knoll, Niklas, Tiffney, Spicer and Chaloner! Humbling.

All the best, and many thanks for your help.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et
encl: MS materials

Hunt Institute for Botanical Documentation

Historical Biology An International Journal of Paleobiology

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UA 720 du CRNS
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Université Paris VI
4 Place Jussieu
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Professor A Hallam
Department of Geological Sciences
University of Birmingham
Birmingham B15 2TT
UK
Tel: (021) 414 6164

11th March 1988

Dr. A. Traverse
Palynological Laboratories
435 Deike Building
Pennsylvania State University
University Park
PA 16802
USA

Dear Dr. Traverse,

Both referees have now reported on your paper, of which they thought highly, and I am happy to accept it for publication provided you make the comparatively minor alterations requested. You are probably aware that Bob Spicer was one of the referees, and I understand that he has already been in touch with you.

I look forward to receiving your revised paper in the reasonably near future.

Yours sincerely,

Tony Hallam

Professor A. Hallam.

AIR MAIL

HARWOOD ACADEMIC PUBLISHERS Chur · London · Paris · New York

Hunt Institute for Botanical Documentation

Historical Biology International Journal of Paleobiology

Comments for transmission to the authors should be typed on this sheet
Do not sign

REFEREE'S RECOMMENDATION

Accept

Accept with modification ✓

Reject

REFEREE'S COMMENTS:

This paper should go a long way to countering the existing misconception that the patterns and processes of animal evolution describe the pattern and process of all evolution. It is an excellent account of the very great differences that exist between the ways plants and animals evolve and deserves to be read widely.

The comments I have to make are mostly minor.

The paper concentrates on vascular plant evolution but this is not refelected in the title; I suspect algae, and in particular planktonic forms, have their own ways of doing things.

P.5 1.2 - I prefer to think that marine organisms are "buffered" - at least from the direct effects of atmospheric changes - the word "robust" might be a more appropriate description of land plants.

P.6 1.2 - What about saprophytes?

P.9 last line - analysed carefully

P.12 1.8 buffered -> robust?

P.22 Branch fusion - why not refer to this more specifically as "reticulate evolution", a term coined by Sylvester-Bradley (1977 - Biostratigraphical tests of evolutionary theory In Concepts and Methods of Biostratigraphy (Kauffman and Hazel eds.) Dowden Hutchison and Ross), if thisd is what is intended? This aspect of plant evolution was discussed by Spicer (1986 - Comparative leaf architectural analysis of Cretaceous radiating angiosperms In Systematic and Taxonomic Approaches in Palaeobotany, Systematics Association Spec. Vol.31. Oxford Univ Press.). The relevance of this process to the wider question of patterns of plant evolution, and many of the other issues raised here, are also discussed in Boulter, Spicer, and Thomas (1988 - Patterns of plant extinction from some palaeobotanical evidence In Extinction and Survival (G. Larwood ed.) Systematics Association Special Volume 34, Oxford Univ. Press - Publication date March 1988). Just because cladistic methodology does not permit reticulation does not mean that it is not a feature of evolutionary pattern. Perhaps this point should be emphasised. I suspect our conception of evolutionary pattern is in danger of being constrained by cladistic methodology.

Hunt Institute for Botanical Documentation

Historical Biology An International Journal of Paleobiology

Comments for transmission to the authors should be typed on this sheet
Do not sign

REFEREE'S RECOMMENDATION

Accept

Accept with modification ✓

Reject

REFEREE'S COMMENTS:

Various minor changes have been pencilled in on the MS.

p.5, line 8 "Land plants became more provincial during the Devonian" - cite reference for basis for this statement.

p.8, line 4 Harmomegathic. (spelling)

p.8,k last 3 lines; first 2 lines of p.9 Rephrased on MS.

p.14, line 10 "five times" - (here, and use of "times" elsewhere) should be avoided for connotation of "multiplied by five", etc.

p.14, lines 8-10 Scheckler doesn't need a label! See suggested revision on MS?

p.15, lines 3-6 There seems to be confusion here between a "mass extinction" of one or more groups (which may be accompanied by/caused by the appearance of other organisms which replace them) and a "massive die off" - the phrase used here - which surely is something different?

p.17, lines 2-10 This is oddly contradictory. As you say, the Niklas "lag-time" theory does nothing to explain the plant changes preceding the animal ones. Why quote a pers. comm., only to refute it?

p.17, 7 lines up What are "chemical pathways betwen animals and plants"? This sentence is too readily misunderstood; do you mean metabolic differences?

pp.20-21 Disease. There is more than a hint here that in plants disease somehow doesn't cause extinction (suggested, by vegetative regeneration) while in animals it may. Do you really see a plant/animal difference here? This seems a case where both Kingdoms behave the same way - animals are rarely, if ever, wiped out by disease (e.g. rabbits with myxomatosis, Man with 'flu, plague, etc. etc.).

p.31, 7 lines up Change 'fault' to 'responsibility'! Any faults in the MS are also the responsibility of the editors; I can see none, and don't acknowledge them. The author 'protests too much".

contd. on p.2

Hunt Institute for Botanical Documentation

Traverse MS.

Fig. 3 Might usefully be re-drawn to eliminate "printer artifacts". Can we be told what the vertical scale is? (Clearly, not a percentage, as the total is not steady). Is it species number? Number of genera?

Fig. 4 What is the stippled patch in Australia? The reader should not need to read Knoll to find out! If unimportant, eliminate it.

Fig. 11 Alignment is not clear here. Surely adventitious roots are a feature of stolons as well as of rhizomes? Bulbils can form on plants without callus, in a physiological sense, intervening. Why not say "'callus' is used here to designate organs arising without connection to the plant's vascular system"? The reference to tissues in incorrect - the words in the table are organs, not tissues.

Hunt Institute for Botanical Documentation

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
PALYNOLOGICAL LABORATORIES
435 Deike Building
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(814)863-3419 or (814)865-6393

file Historical Biology

13 October, 1987

Professor A. Hallam
Department of Geological Sciences
University of Birmingham
Birmingham B15 2IT, U.K.

Dear Professor Hallam:

Bill Chaloner wrote me after the Berlin Congress that my paper on plant evolution presented in the session he organized would be good for Historical Biology. I am now getting that MS into shape for submission--it deals with some of my ideas about the uniqueness of plants vis á vis animals and the reflection of this uniqueness in the evolutionary record. The title of the paper as presented in Berlin was, "Plants dance to a different beat." Few of the ideas are completely new, but the combination of them is.

Would you let me know if you agree with Bill that Historical Biology might be interested in such a paper (with no implication, of course, of obligation to accept the actual MS)?

Best wishes.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Hunt Institute for Botanical Documentation

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

1 Dec., 1995

Ms. Birgitte F. Hjortkjaer
Stratigraphy Div.
J. No. DGU, Ref. BFH
Geological Survey of Denmark
Thoravej 8
DK-2400 Copenhagen NV, Denmark

Dear Ms. Hjortkjaer:

Thanks for your interesting letter of 13 November, which took until today to get here.

It was very kind of Dr. Poulsen to think of me, and I have enjoyed looking at your photos and microslide. Looks like a dinocyst to me, but I am no authority on that group. Because of the age of the material, the obvious person to look at your fossil is Dr. Lucy Edwards, of the U. S. Geological Survey. It was Dr. Edwards who helped me most with illustrations of dinoflagellate cysts for "Paleopalynology."

I just called Dr. Edwards, and she said she is willing to look at your material, so I am sending your letter and the slides, etc., to her. (Dr. Lucy E. Edwards, U. S. Geological Survey, MS 970, National Center, Reston, VA 22092.)

Best wishes.

Yours very truly,

Alfred Traverse

cc:Dr. Lucy E. Edwards

Hunt Institute for Botanical Documentation

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Dr. Peter Hochuli
Esso EPR-E
B.P. 150
213 cours Victor Hugo
F-33322 Bègles, France

den 3. Dezember, 1991

Lieber Peter,

wir möchten eine Verbindung mit der lieben Familie Hochuli keineswegs verlieren! Es ist eine lange Zeit her, seitdem wir miteinander korrespondiert haben.

Vor drei Wochan, am 11. Nov. bin ich zufälligerweise in Zürich gewesen. Ich habe nämlich Indien besucht, um an dem "Birbal Sahni Centenary Celebration" teilzunehmen. Meine Flugkarte war für Delta Airlines, NYC-Frankfurt-Delhi, aber ich war im letzten Augenblick per Swissair, Boston-Zürich-Delhi, geschickt. Auf dem Swissair Flugzeug habe ich einen "Tagesanzeiger" bekommen, und auf der letzten Seite gab es einen Artikel über die Arbeit von "Anne Hochuli-Gysel"--siehe die Beilage. Es könnte nur "unsere" Anne H. sein, nicht wahr?

Betty und ich werden 17-XII-91 bis 1-VII-92 in Frankfurt verbringen. Ich werde als Fulbright Professor am Senckenbergischen Museum tätig sein, und Betty wird ihre Doktorarbeit in der deutschen Literatur weiterführen. Hoffentlich treffen wir Uns irgendwohin--Zürich, vielleicht? Es wäre sehr gut Euch wieder zu sehen. Bis dann bleibe ich

Dein

Alfred

Alfred Traverse

AT/et

Hunt Institute for Botanical Documentation

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

Herrn
Dr. Peter Hochuli
Esso EPR-E
B.P. 150
213 cours Victor Hugo
33321 Bègles, France

Lieber Peter,

vielen Dank für Deinen ermutigenden Brief vom 13.III.90. Ich wurde keineswegs beunruhigt über Deine Publikation. Es gibt nur dieses alte Problem, daß eine Dissertation mindestens teilweise neu sein muß! Die wichtigste Auskunft in Deinem Brief war die Empfehlung, mit Frau Vigran in Kontakt zu treten. Ich werde das sofort erledigen. Ich nehme an, daß sie noch in Trondheim arbeitet. Wahrscheinlich wird es möglich sein, mindestens einen Teil der Forschung zu finden, mit dem Judi Wakhungu arbeiten kann.

Es war gut, wieder in Verbindung mit Dir zu kommen. Du war oft in meinen Erinnerungen, als wir letztes Jahr Zürich besucht haben. Ich habe mit Ken Hsü an einem "Workshop on Global Change" in Interlaken teilgenommen.

mit besten Grüßen, auch an Ann

Dein

Alfred Traverse

AT/et

Hunt Institute for Botanical Documentation

Juli - [illegible]

Peter A. Hochuli
33, avenue de la chênaie
F-33610 Cestas

Cestas, 13. 3. 1990

Lieber Alfred,

vielen Dank für Deinen Brief. Ich hoffe, dass unsere Publikation Dich und Deine Gruppe nicht allzusehr beunruhigt. Wir haben die Untersuchungen am Material von Svalbard in sehr kurzer Zeit durchgeführt und sofort publiziert. Es handelt sich, wie wir auch im Vorwort schreiben, um unseren damaligen Stand der Kenntnisse. Ich habe schon kurz nach der Fertigstellung bedauert, dass wir so viel Zeit in das Manuskript investiert haben (zum grössten Teil ausserhalb der Arbeitszeit); wurden wir doch mit nicht nur wissenschaftlichen Argumenten angegriffen.

Betreffend der Weiterführung dieses Projektes: ich habe nicht im Sinn, eine ausgedehntere Arbeit zu publizieren. Atle Mork, Jorunn Vigran und ich haben ein Ms. im Druck über die Trias der Bären-Insel. Im Übrigen werde ich möglicherweise einige sehr gute Proben aus dem Übergangsbereich Carian / Ladinian weiter bearbeiten.

Nach meiner Meinung lohnte es sich, dieses Material gründlich (!) zu studieren und dazu habe ich natürlich keine Zeit. Im Prinzip würde ich Deiner Studentin raten , Ihre Forschung weiterzuführen. Allerdings muss ich beifügen, dass sich Herr Van Veen dieses Material für seine Forschung reserviert hat. Angeblich umfasst sein Katalog unterdessen 500 Arten, und er ist seit vier Jahren kurz vor der Vollendung seines Manuskriptes. Wenn Du genauere Auskunft haben willst, würde ich Dir empfehlen mit Frau Vigran in Kontakt zu treten. Sie weiss am ehesten, wer alles sich mit diesem Material befasst.

Sonst geht es uns ziemlich gut. Wie Du siehst, arbeite ich noch immer für Exxon. Der Familie geht es gut und die Kinder sind schon halbe Franzosen.

Mit herzlichen Grüssen und Wünschen an Dich und Betty

Peter Hochuli.

Hunt Institute for Botanical Documentation

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
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Herrn
Dr. Peter Hochuli
Esso EPR-E
B.P. 150, cours Victor Hugo
F-33321 Bègles, France

den 20. Februar 1990

Lieber Peter,

Die zwei Veröffentlichungen von Dir sind vor ein paar Tagen angekommen. Beide sind sehr interessant, aber ich habe natürlich besonders Interesse für die Svalbardforschungen, da sie mit Pollen und Sporen zu tun haben.

Leider muß ich gestehen, daß diese letzte Arbeit mich beunruhigt hat. Du bist keineswegs schuldig, aber diese Forschung könnte für uns ein Problem sein.

Ich habe jetzt eine sehr begabte Doktorandin aus Kenya, Judi Wakhungu. Ein vorheriger Student von mir, Larry Fearn, der jetzt für Mobil arbeitet, hat verschiedene Aufschlüße im Svalbard studiert und hat vorgeschlagen, daß Judi eine Dissertation über die Triaspalynostratigraphie schreiben könnte. Sie hat vor einem Jahr angefangen, Proben von Mobil zu untersuchen. Wir haben alle jetzt "Hochuli & Colin" sorgfältig gelesen und sind der Meinung, daß Judis Aufschlüße mindestens ein bißchen anders sind von den, die Du untersucht hast. Ihre Dissertation könnte noch ein Beitrag sein.

Auf der anderen Seite, wenn Du geplant hast, weitere Untersuchungen mit dem Svalbardtrias zu unternehmen, wäre es wahrscheinlich besser für Judi, einen neuen Projekt sofort zu finden. Könnten wir sobald wie möglich Deine Meinung haben?

Ich wünsche Dir und Deiner lieben Familie alles Gute, und mit besten Grüßen verbleibe ich

Alfred Traverse

AT/et
cc: J. Wakhungu

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den 12. Mär 1987

Lieber Peter,

Es hat mir sehr gefallen, Deine Stimme wieder einmal zu hören. Es war auch anregend von Deinen Entdeckungen zu hören.

Cornets interessante Publikation über Sanmiguelia u.a. ist: " The leaf venation and reproductive structures of a Late Triassic angiosperm, Sanmiguelia lewisii", in Evolutionary Theory 7:231-309 (September, 1986). E. hat auch die Pollenkörner dieser Pflanze beschrieben, und sie sind auch angiosperm-ähnlich.

Cornets Arbeit über karnische angiospermähnliche Pollen von dem Richmondbecken Virginiens ist noch nicht publiziert worden, wie ich Dir gesagt habe. Ich lege Kopien von drei Briefen bei, die Dir die Situation vielleicht ein bißchen erklären könnte.

mit besten Grüßen, auch an Ann

Dein

Alfred Traverse
Professor für Palynologie

AT/et
Anlagen

Hunt Institute for Botanical Documentation

Herrn
Dr. Peter Hochuli
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den 3. Juli 1986

Lieber Peter,

hab vielen herzlichen Dank für die sehr brauchbare Veröffentlichung über Permo-Karbon der Nordostschweiz! Ich habe ein kleines Projekt mit Permo-Karbon von New Mexiko unternommen, und deine Arbeit wird mir bestimmt helfen!

Ich schreibe von unserem Häuschen in dem Adirondacksbergen. Betty und ich haben nämlich eine Woche „Sportferien" während deren wir viele Reparierungen persönlich machen müssen. Im Augenblick arbeiten wir mit Tonnen von Beton. Der Arbeitsplatz ist am Rand der Sees, und wir müssen alles mit einem Boot herüberbringen. Leider regnet es heute, und ich kann mich nur ein BiBchen ausruhen und Publikationen lesen! Wir haben eine Entscheidung getroffen, das Häuschen zu vermieten, und die Sanierungen sind daher dringend.

Betty und ich lesen wie immer jeden Tag eine Halbstunde Deutsch. Jetzt lesen wir ddar „Geisterseher" von Schiller.

mit besten Grüßen, auch an Ann

Dein

Alfred Traverse
Professor für Palynologie

Hunt Institute for Botanical Documentation

Herrn
Dr. Peter Hochuli
Geologisches Institut, E.T.H.
Sonneggstrasse 5
CH-8092 Zürich, Schweiz

den 14. März 1985

Lieber Peter!

Es hat uns sehr erfreut, wieder von Dir zu hören. Von mindestens zwei Personen hatte ich schon gehört, daß Du nach Bordeaux auswandern wirst. Es könnte für Deinen Ruhm nur gut tun, aber es ist trozdem auch ein bisschen traurig. Was wird mit Deinem schönen Haus in der Schweiz gesehehen? Vielleicht könntet Ihr es vermieten, um noch eine Wohnung in der Heimat zu besitzen?

Es würde mir aber natürlich gefallen, die Schuhe eines „auswärtigen Expertes" zu füllen, ob man so was auf Deutsch sagen darf. Das wäre nicht nur viel SpaB, aber auch interessant. Ich kann mir keineswegs vorstellen, daß Du nicht ausgezeichnet tun würdest! Deine Habilitation könnte glaublicherweise endlich an eine Dauerstellung in der Schweig führen, nicht? Meine Freunde sie in Deutschland erwähnen immer die Habilitation von so-und-so, und ich habe nie verstanden. Jetzt scheint es mir ziemlich wie die „canonical examination", die ein zukünftiger Priester bestehen muß, bevor er geweiht werden darf? Vielleicht ein besserer Vergleich wäre mit der „board examanations", die ein Arzt in USA bestehen muß, bevor er „board certified" ist. Unser Sohn, der Kardiologe ist, hat so was bestehen müssen, bevor er eine Stellung bekommen könnte. Die Prüfung ist teilweise schriftlich, teilweise praktisch.

Hier geht alles ziemlich gut. Letzte Woche habe ich einen Vortrag über meine Arbeit in den Trias-Juras Schichten der „Newark Basins" für Texaco in New Orleans gehalten. Betty konnte mitkommen und hat viel SpaB in New Orleans gehabt. Das ist besonders gut, weil sie in letzter Zeit viele Probleme mit ihren Eltern gehabt hat, und ist mit alles etwas niedergeschlagen. Sie muß ziemlich oft nach Indianapolis fliegen und spätestens nächsten Sommer muß sie die Wohnung der Eltern für immer schließen und sie in ein Alterheim stellen. Es ist sehr schwierig und unangenehm.

Mit herzlichen Grüßen, auch an Anne

Dein

Alfred Traverse
Professor für Palynologie

AT/et

Hunt Institute for Botanical Documentation

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Peter Hochuli

Zürich, 4.3.1985

1020

Prof.
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435 Deike Building
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Lieber Alfred,

es tut mir leid, dass ich solange nichts von mir hören liess. So habe ich Dir nicht einmal für die Karte und die guten Wünsche zu Weihnachten gedankt. Es reicht nun immerhin für einen Brief vor Ostern. Das Bild von Deinem Landgut hat mich beeindruckt. Sehr schön! Es hat schon einen Grund,weshalb ich mich nicht mehr gemeldet habe. Die Ereignisse haben sich bei uns einfach überstürzt. Im Dezember sind Anne und ich für eine Besichtigung nach Bordeaux geflogen, nachdem ich ein Angebot von ESSO REP erhalten hatte. Wir haben uns dann sehr schnell entschlossen, nach Bordeaux zu ziehen. Die Kündigung habe ich dann am 31.12. abgeschickt, und am 1. April werde ich in Bordeaux zu arbeiten anfangen. Ich hoffe, dass die Arbeit dort meinen Vorstellungen entspricht. Ich bin im Augenblick ganz froh, etwas ausserhalb der Universität zu arbeiten.
Als komische Einlage habe ich hier noch ein Habilitationsgesuch gestellt und werde wahrscheinlich im nächsten Wintersemester eine Antrittsvorlesung halten. Ich habe meine Permo-Karbon Arbeit als Habilitationsarbeit abgegeben. Ich weiss nicht, ob Du während Deiner Zeit hier erfahren hast, was eine Habilitation ist. Ich habe das Gesuch gestellt, um das Recht (!) zu lehren. Das ist für Nordamerikaner natürlich gänzlich unverständlich. Für deutschsprachige Universitäten (die ETH kann man wohl nicht dazurechnen) stellt die Habilitation eine wichtige Qualifikation zur Wählbarkeit als Professor dar. Für die Beurteilung der Arbeit wird häufig ein auswärtiger Experte beigezogen. Ich habe angeregt, dass Du ein möglicher Experte wärest. Ich habe zwar nichts dazu zu sagen, aber es ist trotzdem möglich, dass Du angefragt wirst.
Das wären ungefähr die Neuigkeiten unsererseits. Ich hoffe, dass es Dir und Betty gut geht. Es würde mich freuen, wieder von Euch zu hören.
Meine neue Adresse lautet: Esso EPR-E, 213, cours Victor Hugo, F-33321 Bègles , France. Ich wünsche Dir und Betty alles Gute und hoffe Euch bald wieder mal zu sehen. Mit herzlichen Grüssen

Grüsse auch von Anne Peter Hochuli

Hunt Institute for Botanical Documentation

Herrn
Dr. Peter Hochuli
Geologisches Institut
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den 2. Mai.1984

Lieber Peter!

Hab besten Dank für Dinen interessanten Brief vom 20. März. 1984. Vor allem möchte ich mich bedanken, dasw Du mir eine Gelegenheit gebeben hast, mein Deutsch zu üben!

Mir scheinen die „Grossvater Pflichten", die Du erwähnt hast, sehr leicht. Dem kleinen Mädchen geht es sehr gut. Ihr Name ist Anna Elizabeth Traverse. Wir haben es nur einmal besucht. Jetztrerwarten wir einen Enkel in New York (die Eltern wissen schon, dass es kein Mädchen ist. Der Vater ist „unser Sohn der Arzt", und er hat „amniocentesis" geübt (wahnsinnig!)

Ich habe „Der Grüne Heinrich" inzwischen gefertigt. (Das erinnert mich: Du hast "...den Grünen Heinrich" geschrieben, weil es im Akkusativ gewesen ist. Ist das richtig? z.B.: Ich habe "den Spiegel" gelesen? Oder ist vielmehr der Name eines Buches oder einer Zeitschrift nicht veränderlich?) Das Ende von d. g. H. hat mich sehr enttäuscht. Das er ledig bleiben würde, ohne Anna, ohne Dortchen, ohne Judith u.s.w. scheint diesem romantischen Mann keine „Entwicklung", vielmehr wie ein Versagen!

Jetzt bin ich fast mit den Zürchernovellen fertig. Viel Spass. Für Ihre mittelalterlichen Vorlesungen muss Betty fast zwei oder drei Stunden pro Tag mit altmodischen Büchern streben. Zuerst hat sie von mir Hilfe gesucht, aber sie hat das bald aufgegeben. Ich könnte ihr auch nicht mit „Zuridits" helfen! Wir haben im letzten Zeit miteinander „Lern dieses Volk der Hirten kennen" gelesen. Hast Du es entdeckt? Der Autor ist ein Österreicher (wir haben seinen Name vergessen, aber könnten ihn später nachschlagen), und er schriebt oft von der Schweiz. Sehr komisch und meistens gut. Er hat jedoch die Sauberkeit der Schweiz übertrieben, weil er niemals den Hundedreck und die Zigaretten erwahnt. Die Schweiz ist unglaublich in Ordnung, fast ohne Ausnahme. Die Sauberkeit ist gut, aber Raucher und Hunde werden überraschenderweise zu weit toleriert.

Es gefällt mir, dass EBL Dich besucht hat, wie ich empfehlen habe. Es macht natürlich nichts, dass Du mein Lehrbuch erwähnt hast. Es ist kein Geheimnis. Ich habe nur keine Hilfe von ihr gesucht. Du weisst wahrscheinlich, dass ich so weit von ihr wie von Dir wohne? Mit dem Buch geht es langsam aber gut. Geduld!

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Was ist Deine Meinung über das „Der treffende Brief" von Normannundd das „Treffend schréiben" von Somme? Die beiden werden von OH Verlag in Thun verkauft. Ich habe nur die Werbungen gesehen. Könnte ich diese Bücher brauchen, um weniger Fehler zu machen?

mit besten Grüssen, auch an Ann

Dein

Alfred Traverse
Professor für Palynologie

AT/et

Hunt Institute for Botanical Documentation

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Zürich, 20. 3. 1984

Lieber Alfred,

herzlichen Dank für Deinen Brief und vor allem auch für die Korrekturen am Manuskript. Ich habe ein ganz schlechtes Gewissen, wenn ich an Deine vielen Belastungen denke. Von Ken habe ich gehört, dass neuerdings noch Grossvater-Pflichten hinzukommen. Herzliche Glückwünsche und viel Freude am Enkel. Ich hoffe, dass Ihr hie und da Gelegenheit habt,den Enkel zu verwöhnen. Mit Freude habe ich gelesen, dass Du den "Grünen Heinrich" liest. Bei uns nennt man solche Romane "Entwicklungsromane". Ich schätze das Werk von G. Keller sehr.

Von Halifax habe ich noch nichts gehört. Aber ich habe gewusst, dass Du Kanadier bist und habe in Nova Scotia an Dich gedacht. Du schreibst, dass ich in der Schweiz bleiben sollte. Einerseits sehe ich darin schon einen Sinn hier zu bleiben und die Palynologie aufrecht zu erhalten. Allerdings habe ich diesen Einmann-Betrieb etwas satt und möchte meinen Horizont noch etwas erweitern. Vorläufig warte ich ab!

Letzthin kam Estella Leopold hier vorbei. Ich habe es sehr geschätzt mit Ihr zu diskutieren. Sie hat sehr gute Ideen. Sie hat mir gesagt, dass Du Ihr empfohlen hast , hier vorbei zu kommen. Nebenbei habe ich ihr unabsichtlich verraten, dass Du ein Buch schreibst. Wie geht es damit? Ich vermisse es in meinem Kurs. Ich wünsche Dir guten Erfolg!

Mit herzlichen Grüssen und besten Wünschen auch an Betty

Peter
Hochuli

Hunt Institute for Botanical Documentation

Herrn
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den 7. März 1984

Lieber Peter!

Es tut mir wirklich leid, dass so viel Zeit verstrichen ist, seitdem ich Deinen Brief vom 7. Feb. bekommen habe. In letzter Zeit habe ich viele Probleme mit Forschungsvorschlägen usw gehabt. Jetzt haben wir die sogenannten Frühlingferien. Es ist selbstverständlich nicht für Professoren beabsichtigt, nur für Studenten(-innen). Ich habe mindestens nicht meine Vorlesungen geben müssen! Daher habe ich eine Gelegenheit Dein Manuskript zu lesen. Es ist sehr interessant und scheint mir meistens ausgezeichnet.

Erstens möchte ich mich bedanken, dass Du mir diese Gelegenheiten gibst, mein Deutsch zu üben. Betty studiert jeden Tag Deutsch, und besucht zweimal pro Woche Vorlesungen über das Nibelungenlied, Mittelhochdeutsch und was immer Du glauben könntest. Sie ist kurz gesagt fast eine Germanistin, obwohl ich noch besser Deutsch sprechen kann! Ich habe jedoch fast keine Gelegenheit, Deutsch zu sprechen. Ich lese jedoch jeden Tag mindestens 30 Minuten Deutsch laut. Jetzt lese ich „der grüne Heinrich" von Keller. Betty hat mir kund gegeben, dass es ein „Bildungsroman" sei. Dass hätte ich nie persönlich ausgefunden.

Es tut mir leid zu lernen, dass die Probleme mit der Stelle noch existiert. Schade. Wahnsinnig. Die Schweiz braucht vielleicht nicht sehr viel Palöopalynologen, aber mindestens 5 oder so wäre wünschenswert. Ohne PH gibt es 0, nicht wahr? Die Stelle in Halifax ist interessant. Du hast gewusst, dass ich ursprünglish Kanadiem bin? Ich habe Verwandten in allen Provinzen Kanadas, sogar Nova Scotia. Ann könnte mit entweder Indianern oder mit Nordischen oder sogar mit Acadianischen Ruinen arbeiten (kleiner Witz). Du solltest eigentlich in der Schweiz bleiben, wenn die Behörde nur kluger wäre. Die Sprache ist jedoch für Dich kein Problem. Du sprichst ausgezeichnetes gutes Englisch. Jetzt zum Manuskript...

Ich habe fast nichts wichtig zu empfehlen, nur ein paar Verbesserungen. Die einzige Ausnahme ist die Diagnosis-Description Situation. Meiner Meinung nach, wäre es besser diese Abteilungen anzuschliessen. Der Code empfielt nicht, dass beide für fossile Pflanzen vorhanden müssen. Jansonius hat diese Tatsache nicht ganz verstanden, aber „Diagnosis" war für die kurze verpflichtende lateinische Beschreibung von rezenten Pflanzen beabsichtigt. Eine Beschreibung für Fossilen kann alles enthalten, die „differential diagnosis" insgesamt. Du hast den Unterschied zwischen „Diagnosis" und

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„Description" gut verstanden. Jansonius ist der Meinung, alles Diagnosis sei! Eigentlich ist alles Description und Diagnosis ist etwas besonders und für Fossilen nicht notwendig.

Verbesserungen:

S. 1. Gattungen und Arten--Namen müssen mit „italics" geschrieben werden. Das Problem ist wahrscheinlich, dass der Computer so was nicht tun kann?

S. 3. selbsterklärend

S. 4. " ; ich habe "mother-plant" nicht gern!

S. 5. "Facies-element"--Dieser Ausdruck hättest Du besser erklären sollen. "Number" muss ergänzt werden, auch den Titel.

S. 8. Auf der Tabelle muss Du "M." und "E." in diesem Fall völlig schreiben.

S. 9. Es hat mit einer Regel zu tun (Orthographie)--siehe ICBN (Art. 73). Type-species, nicht genotype.

S. 10. Der Satz über die Auriculae ist nicht klar, vielleicht: Elements at the radial termini are more or less fused to membranous, fringe-like (not "fence like!") auriculae.

S. 11. Ich habe Dein Gebrauch von "apices" nicht gern. "Radial extremities"?

Mir ist "bent toward proximal pole" nicht verständlich, und die Abbildungen ("5,6") scheinen nicht da zu sein.

S. 12. "tissues" ist richtig nur wenn mehr als eine Zelle vorhanden ist. (Vergleich "Gewebe")

Hoffentlich wird dieser Brief nicht zu spät ankommen. Wieder einmal möchte ich mich bedanken, dass Du so geduldig mit meinem Deutsch bist.

mit besten Grüssen, auch an Ann

Dein

Alfred Traverse
Professor für Palynologie

Hunt Institute for Botanical Documentation

Zürich 9.2.84

Lieber Alfred,

endlich komme ich dazu, Dir das Manuskript zu schicken von dem ich Dir schon lange geschrieben habe. Ich bin sehr beschäftigt mit meinen verschiedenen Projekten. Neuerdings habe ich ein Permokarbon-Profil (800 m) aus der Schweiz bearbeitet. Es ist wirklich interessant. Im Institut gibt es nicht viel neues. Der neue Professor für Mikropaläontologie ist noch nicht bestimmt. Ich schaue mich noch immer nach einer neuen Stelle um. Die Assistentenstellen hier sind nun wirklich beschränkt, und in den nächsten zweieinhalb Jahren muss ich etwas anderes finden. Ich war für drei Tage in Canada (Halifax) für ein Interview. Das wäre eine sehr gute Stelle beim Geological Survey. Im Augenblick warte ich auf den Bericht. Die Sprache ist natürlich schon eine gewisse Erschwerung bei einem Interview. Ich hätte aber keine Bedenken, nach Canada auszuwandern.

Wie geht es Dir und Betty? Seid Ihr schon Grosseltern geworden? Bei uns

Hunt Institute for Botanical Documentation

-83

Mit besten Grüssen
und Wünschen für das
neue Jahr. Ich habe schon
gehört, dass Ihr Grosselbern
werden sollt.

Ich hoffe, dass Du lieber Alfred
die Kirche erkennst!!

Peter, Anne
und kinder Heidi

Herrn
Dr. Peter Hochuli
Geologisches Institut, E.T.H.
Sonneggstrasse 5
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Zürich

den 5. Oktober 1983

Lieber Peter!

Vielen Dank für Deinen Brief vom 17.9.83 und für die Kopien deiner interessanten Figuren. Ich war sehr beeindruckt gewesen, dass Du eine Textverarbeitungsmaschine brauchen konntest. Jetzt lerne ich vom Deinem Brief, dass Du nur ein Anfänger bist. Sehr enttäuschend. Wir sind noch nicht an die erste Stufe angekommen.

Es tut uns leid von Deiner Krankheit zu lesen, aber es freut uns von Deiner Genesung zu lernen! Es ist wohl bekannt, dass die Schweizer mehr Fische essen sollten. Das ist nur ein kleiner Witz, aber es würde mich interessieren, ob der Arzt Deine Diät untersucht hat, oder nicht.

Es ist selbstverständlich, dass Du meinen Namen als Referenz brauchen kannst. Ich hoffe bald von dem Ausschuss zu hören. Ich möchte etwas tun, Dir weiter zu helfen. Ich nehme jedoch an, dass ich nur für einen Brief waren kann?

Wir haben gute Nachrichten mitzuteilen. Unser zwei Schwiegetöchter erwarten Kinder. Betty und ich hatten fast unsere Hoffnung verloren, Grosseltern zu werden!

mit besten Grüssen von Familie zu Familie

Dein

Alfred Traverse
Professor für Palynologie

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Peter Hochuli

Zürich, 27. 9. 1983

Prof. Alfred Traverse
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435 Deike Bldg.
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Lieber Alfred,
vielen Dank für Deine beiden Briefe und für Deine wertvolle Hilfe bei der Durchsicht des Manuskripts. Die Korrekturen sind gerade noch rechtzeitig eingetroffen. Jetzt ist das Manuskript glücklicherweise weg. Die Arbeit an der Textverarbeitungsmaschine hat mich viel Mühe gekostet. Ich hoffe, es gehe beim nächsten Mal schneller. Beiliegend schicke ich Dir die Kopien der Figuren 2, 8 und 11 des Manuskripts. Du kannst sie selbstverständlich für Dein Buch verwenden. Es ist mir eine Ehre. Das Manuskript mit der Sporen-Beschreibung werde ich Dir in nächster Zeit schicken. Ich bin mit meiner Arbeit ziemlich in Verzug geraten, weil ich in diesem Sommer richtig krank war (Schilddrüsenentzündung und eine Infektion in einer Niere). Jetzt scheint das glücklicherweise vorbei zu sein.
Jetzt habe ich noch eine Bitte. Ich bewerbe mich wieder einmal um eine Stelle hier am Institut - Nachfolge von Prof. Bolli. Ich nehme zwar nicht an, dass ich in die engere Wahl komme, aber es scheint mir, dass ich mein Interesse daran anmelden muss. Ich habe mir erlaubt, Deine Adresse als Referenz anzugeben. Es tut mir leid, dass ich Dich nicht rechtzeitig anfragen konnte, um auch noch Deine Antwort abzuwarten. Anmeldeschluss ist Ende September. Ich nehme nicht an, dass Du angefragt wirst. Ich hoffe, dass ich Dir damit nicht zuviel Mühe verursache. Du hast ja liebenswürdigerweise bereits einmal einen solchen Brief für mich geschrieben.
Ich hoffe es geht Dir und Deiner Familie gut. Mit herzlichen Grüssen auch an Betty

Peter

Hochuli

1020 52146/1

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Herrn
Dr. Peter Hochuli
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CH-8092 Zürich, Switzerland

den 7. September 1983

Lieber Peter!

Och habe Deinen guten Brief vom 9. Juni erst kürzlich entdeckt. Obwohl ich Gott sei dank meinen Militärdienst erlebt habe, ist meine Korrespondenz im schlechten Zustand.

Schade dass ich nicht an dem Kongress in Montpellier teilnehmen konnte. Bis das Ende meines Buchprojektes darf ich so selten wie möglich auf Reisen sein. Ich habe jetzt eine Menge Studenten(-innen) und selbst die nötigen Exkursionen brauchen viel Zeit.

Vielen Dank für den Artikel von Zagwijn & Suc. Ich muss später einen genaueren Vergleich mit meinen Daten probieren. Oberflächlich, scheinen sie mit meinen gut zu übereinstimmen. Ich habe inzwischen Dein Manuskript gelesen. Eigentlich ist Dein Englisch fast perfekt. Du brauchst keine redaktorische Hilfe. Die kleinen Fehler die Du machst sind nur ein Beweis, dass Deine Arbeit ganz unabhängig ist! Wenn es nicht zu spät ist, würde ich gerne auch den Artikel mit Gruver begutachten. Ich erinnere mich gut von ihm--ein netter Mann--und von seinen Höhleforschungen (Gott behüte uns!) Mit der Nomenklatur möchte ich Dir immer helfen. Viel Spass.

Meine Landwirtschaft, die Du erwähnt hast, ist dieses Jahr nur ein Kleines Problem. Es ist nämlich so trocken und heiss gewesen, dass man nur dabei sehen und weinen konnte. Unsere Probleme zu Hause haben meistens mit unserer Familie zu tun. z.B. hat unser Sohn John sich am 30. Juli verheiratet (die erste Ehe mit der deutschen Frau ist schief gegangen). Betty und ich haben beide unseren Alten Eltern geholfen. Meine Mutter wohnt in Michigan und ich musste dahin fahren und für sie wie ein Schreiner und Klempner arbeiten usw.

Es wäre gut Dich und Ann wiederzusehen. Ihr seid in Pennsylvanien immer willkommen!

Alles gute,

Dein

Alfred Traverse
Professor für Palynologie

AT/et

Hunt Institute for Botanical Documentation

Herrn
Dr. Peter Hochuli
Geologisches Institut-E.T.H.
Sonneggstrasse 5
CH-8092 Zürich, Switzerland

den 6. September 1983

Lieber Peter!

Es tut mir wirklich leid, dass so viel Zeit verstrichen ist, seitdem ich Dein Manuskript und Deine Karte vom 29.VII.83 bekommen habe. Wir sind diesen Sommer mehr als üblich beschäftigt. z.B. hat under Sohn John sich am 30. Juli in Virginien verheiratet. Noch ein Problem ist die Tatsache, dass dieses Jahr unsere Universität einen neuen Kalender eingeführt hat. Der "Herbst-semester" hat am 15. August angefangen! Unglaublich.

Ich möchte gratulieren, weil Deine Handschrift so gut ist! Wir sind jetzt forgeschritten genug, dass wir oft mehr Schwierigkeiten mit der Handschrift als mit dem Deutsch von deutschen Briefen haben.

Dein Artikel gefällt mir sehr. Die Hauptpünkte sind sehr wichtig. Ich bin ausserdem beeindruckt, dass Du einen „Word Processor" brauchst. So was habe ich auch von unserer Universität gesucht, aber zu diesen Zeitpunkt vergebens. Die NSF wird nämlich keinen Computer unterstützen, weil sie ihn für eine Tippmaschine halten, und man muss zugeben, ~~das~~ das hat einen Sinn.

Ich habe Dein Manuskript sehr sorgfältig gelesen, und ich finde nur wenige Tippfehler und ein paar Sätze in den bessere Ausdrücke möglich sind. Diese habe ich mit rotem Kugelschreiber "verbessert". Mit der Wissenschaft finde ich nichts zu korrigieren oder kritisch zu beurteilen. Ich lege Dein Manuskript mit „Verbesserungen" bei.

Auf der anderen Seite, möchte ich fragen, ob ich eine oder zwei der Figuren für mein Lehrbuch brauchen könnte? Figuren 2, 8 and 11 interessieren mich besonders in diesem Zusammenhang.

Wir haben auch einen heissen Sommer erlebt, und es ist auch sehr trocken gewesen. Mein Gemüse und Obst sind fast komisch.

Ich habe jetzt sechs Doktoranden und zwei „post-docs". Mein koreanischer Student, Duck Choi, hat seine Dissertation in Juli verteidigt (darf man das auf Deutsch sagen?). Es ist eine gute Arbeit, über die K-Cz Eureka Sound Formation von den Arktischen Inseln. Choi, seine Frau, die zwei Kinder und seine alte Eltern sind vor zwei Wochen zurück nach Korea mit KAL 007 geflogen, aber Gott sei Dank, es war eine Woche vor dem sogenannten „Unfall".

mit besten Grüssen, auch an Ann

AT/et
Beilage

Alfred Traverse, Professor für Palynologie

Hunt Institute for Botanical Documentation

ETH EIDGENÖSSISCHE TECHNISCHE HOCHSCHULE ZÜRICH

Geologisches Institut

Sonneggstrasse 5
Durchwahlnummer 01 / 256
Telefonzentrale 01 / 256 22 11

Postadresse:
Geologisches Institut
ETH-Zentrum
CH-8092 Zürich

Zürich, 9. 6. 1983

1020

Lieber Alfred,

herzlichen Dank für Deinen Brief vom Januar und für die guten Wünsche. Vielen Dank auch für die Publikationen, die im April angekommen sind. Ich bin leider nicht früher dazugekommen Dir zu schreiben, da ich einige Zeit abwesend war (Kongresse und leider auch Militärdienst). Deine Publikation "Response of world vegetation..." habe ich mit grossem Interesse gelesen. Viele Dinge daraus waren mir ja aus Deiner Vorlesung bekannt. Ich habe in Monpellier an einem Kongress über "Mediterranean Neogene continental paleoenvironments and climatic evolution" viel über klimatische Entwicklung gehört und nachgedacht. Du hast dort gefehlt, aber der grösste Teil der Voträge war in Französisch und die Organisation des Kongresses entsprechend ! Ich hatte den Eindruck, dass man gerade über die Zeitspanne des späten Neogens sehr wenig weiss. Gerade aus diesem Grund finde ich Deine Arbeit über das Material des Schwarzen Meeres so wichtig. In grossen Zügen war man sich über die klimatische Entwicklung im tieferen Neogen weitgehend einig, während die Auffassungen bezüglich der klimatischen Entwicklung im oberen Miozän und im tieferen Pliozän noch weit auseinandergehen. Eine Arbeit, die Dich sicher interessiert wurde von Zagwijn und Suc präsentiert. Eine Kopie der Zusammenfassung lege ich bei. Ich selbst habe versucht anhand von Material aus dem Oligozän und dem frühen Miozän, die prinzipiellen Korrelationmöglichkeiten etwas darzulegen (siehe Zusammenfassung). Der Vortrag wird gelegentlich publiziert werden. Ich würde Dir sehr gerne eine Kopie der Arbeit schicken und wäre für Kommentare und eventuelle Korrekturen des "Küchen-Englisch" sehr dankbar. In einer andern kleinen Arbeit habe ich zusammen mit Urs Groner, den Du ja auch kennst (er arbeitet über Höhlen-Sedimente), eine neue Sporen-Gattung beschrieben. Auch

Hunt Institute for Botanical Documentation

diese Arbeit würde ich Dir gerne zur Begutachtung schicken. Meine Erfahrungen in Taxonomie sind ja sehr beschränkt und werden es wahrscheinlich auch bleiben.

Wie geht es Dir ? Ich nehme an, dass Du im Augenblick sehr beschäftigt bist mit Deiner Landwirtschaft. Ich hoffe, Dich bald wieder zu sehen. Bitte, lass Betty herzlich grüssen. Mit besten Grüssen und Wünschen auch von Ann.

Peter

Hochuli

Hunt Institute for Botanical Documentation

Zürich, 29.7.83

Lieber Alfred,

wie Du aus der Beilage ersehen kannst, gelange ich mit der Bitte an Dich, das beiliegende Manuskript für mich durchzulesen. Es wäre mir sehr daran gelegen, Deine Meinung dazu zu erfahren. Ich habe über dieses Thema in Montpellier referiert. Das Manuskript soll in "Paléobiologie continentale"

Hochuli

Hunt Institute for Botanical Documentation

Zürich 21. 12. 1982

CH-8092
ETH. Zentrum
CW

Liebes Alfred

herzlichen Dank für die Karte mit den guten Wünschen. Ich habe Dir vor längerem eine Karte geschrieben. Leider hat sie Anne weggeschickt bevor die Adresse komplet war. Ich bin gespannt, ob sie je ankommt, ich vermute nicht! Wir hatten ein sehr ausgefülltes Jahr mit Arbeit und Familie. Am 17. Oktober wurde unser Sohn Andreas Lukas geboren. Er ist, nachdem er Anne sehr viele Schwierigkeiten gemacht hat, ein sehr ruhiges Kind und gedeiht sehr gut. Mit meiner Arbeit geht es recht gut, allerdings habe ich zu viele Projekte angefangen. Ich habe mir vorgenommen vorläufig nichts Neues mehr zu beginnen. Meine Stelle hier muss alle zwei Jahre erneuert werden und mit der gegenwärtigen Personalpolitik ist es nicht klug längerfristig zu planen. Die Konservatoren-Stelle hier am Institut, für die ich mich beworben habe und derentwegen Du offenbar angefragt wurdest eine Empfehlung zu schreiben, wurde gar nicht mehr besetzt. Die Betreuung des grossen Sammlungsgutes wird als Zumutung betrachtet. Es tut mir leid—

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auch dafür, dass Du unnötigerweise belästigt wurdest.

Wie geht es Dir? Ich hoffe, dass Deine Familie gesund ist. Was macht Deine Farm? Besteht die Möglichkeit, dass Du und Betty die geplante Deutschlandreise nach der Schweiz ausdehnen könnten? Es würde uns freuen, Euch wieder zu sehen.

Für das Neue Jahr wünsche ich Dir und Betty alles Gute und gute Gesundheit

mit herzlichen Grüssen auch von Anne

Peter

Hächli

Hunt Institute for Botanical Documentation

ETH EIDGENÖSSISCHE TECHNISCHE HOCHSCHULE ZÜRICH

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1020

Prof. Dr. Alfred Traverse
Department of Geosciences
529 Deike Bldg.
The Pennsylvania State University
University Park, Pennsylvania 16802
U.S.A.

May 20, 1982

Dear Dr. Traverse,

Thank you very much for your letter of April 27, 1982 regarding Peter Hochuli. Your letter represents an important part of the documentation, both for the candidate and the ETH.

With very best personal regards,

Yours sincerely,

H.M.Bolli

Hunt Institute for Botanical Documentation

ETH EIDGENÖSSISCHE TECHNISCHE HOCHSCHULE ZÜRICH

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1020

Prof. Dr. Alfred Traverse
Dept. of Geosciences
529 Deike Bldg.
Pennsylvania State University
University Park, Pennsylvania 16802
U.S.A.

April 5, 1982

Dear Alfred,

Dr. Peter A. Hochuli has been suggested as a possible candidate for professorship at our Institute. The President of ETH with whom I discussed the matter asked me to provide him with comments from outside experts on Dr. Hochuli's reputation within his field of science, his personality, his activity and accomplishments, and the impact his work has for the progress in his discipline.

We would much appreciate it to have your opinion regarding Peter Hochuli's work. It should be directed to my address, if possible not later than the end of April. A list of his publications is enclosed to assist you in your evaluation.

In advance many thanks for your kind attention to this matter which will be of great value for our evaluation.

With best regards

Sincerely yours,

H.M.Bolli

Hunt Institute for Botanical Documentation

Herrn Dr. Peter Hochuli
ETH-Z, Geologisches Institut
Sonneggstrasse 5
8092 Zürich, Schweiz

Lieber Peter!

Ich kann mich nicht erinnern, ob "Du" gestattet ist, oder nicht. Es scheint mir sinnvoll, weil wir in der englischen Sprache "Peter" und "Al"* brauchen. Ich habe allerdings die Du-Formen inzwischen sorgfällig gelernt!

Vielen Dank für die Veröffentlichungen. Ich habe alles mit grossen Interesse gelesen, und danke Dir für die unnötige aber gütige Anerkennung. Dein Artikel über "North Gondwanan floral...." hat mich besonders interessiert. Es ist meiner Meinung nach ein wichtiges Beitrag. Ich habe immerhin ein paar Probleme mit den Abbildungen gehabt. Zum Beispiel, was bedeuten die kleine Kreise? Wahrscheinlich andere Fundorte, aber ich habe keine Erklärung gefunden. Was bedeutet die "Doppelkreise"? Sie scheinen wie Bisaccaten aus! Was ist der Unterschied zwischen "8a" und "8b" (Fig. 1)? Die Palynofloren sind ziemlich verschieden. Ich bin der Meinung, dass zwei weitere Figuren nützlich gewesen wären: eine Tabelle von allen Fundorten (Deinen und anderen), und eine Karte mit diesen Fundorten und keinen anderen Informationen. Das sind nur kleine Probleme, und Du kannst vielleicht in einer späteren Veröffentlichung diese Tatsachen nachholen. Auf der anderen Seite, habe ich wahrscheinlich etwas verpasst. Jedenfalls, sind die wichtigen Resultaten sehr klar und sehr interessant.

Wir sind sehr beschäftigt. Ich mache Fortschritte mit dem Buch, aber es geht ziemlich langsam, weil ich zu viel lehren und beraten muss. Ich habe jetzt sechs Doktoranten und "post-docs" (wie heisst das auf Deutsch?)

Mit besten Grüssen, auch bitte an Deine schöne Familie.

Dein

Alfred Traverse
Professor für Palynologie

AT/et
*auf Deutsch, möchte ich "Alfred" sein. Ich glaube, dass Du "Du" vorher gebraucht hast, aber ich kann es in meinen Akten nicht finden.

P.S. Ich möchte auch meine Freunde bei der ETH grüssen. Ich vermisse sie sehr.

Hunt Institute for Botanical Documentation

xxxxx
863-3419

Herrn
~~Prof.~~ Dr. P. Hochuli
Geol. Inst. ETH Zentrum
8092 Zürich

15. Dezember 1981

Lieber Peter!

Vielen Dank für deinen Brief vom 2. Dez. und die Erlaubnis, "Du" zu brauchen. Unser Sohn John hat uns letzte Woche angerufen, mit der Überraschung, dass er und seine deutsche Freundin seit letztem September verheiratet sind. Also habe ich andere Gründe, die Du-formen zu brauchen, obwohl diese Frau perfektes Englisch spricht.

Ich danke Du auch für das Nachschicken der Veröffentlichung.

Das Problem mit meinem früheren Brief verwirrt mich und mich in Verlegenheit setzt. Wer hat die erste Seite bekommen? Oh Weh! Jedenfalls lege ich eine Xeroxkopie bei--ich habe eben gerade viele Fehler darin entdeckt. Jedoch möchte ich mitteilen, dass meine Assistentin (EIT) studiert jetzt Deutsch und sie kann in Zukunft besser meine deutsche Briefe tippen. (Sie hat zweite in der "German I" Klasse von ungefähr 20 letzten Semester verdient. Sie studiert jetzt "German II".)

Wie ich schon in unserer Weihnachtskarte geschrieben habe, wünshhen wir der ganzen Familie Hochuli frohe Festtage und ein glückliches neues Jahr!

Dein

Alfred Traverse

P.S. Während der Suche für Deinen Brief habe ich Kopien unserer früheren Briefwechsel entdeckt. Ehrlich gesagt kann ich mich fast nichte von diesen Sachen erinnern! Komisch.

AT/et
Beilage: Xeroxkopie vom Brief vom 12.XII.81

Hunt Institute for Botanical Documentation

ETH EIDGENÖSSISCHE TECHNISCHE HOCHSCHULE ZÜRICH

Geologisches Institut

Sonneggstrasse 5
Telefon 01 326211

Postadresse:
Geologisches Institut
ETH-Zentrum
CH-8092 Zürich

Zürich, 2. 12. 1981

Dear Alfred,

thank you very much for your letter. Unfortunatly only the second page made it into the envelope. So I missed the first and most impartant part. How are you? Very busy I guess. Here the Semester started one month ago. The last two weeks were occupied by "very useful things". I was doing my military service. Now I have a lot to do with the preparation of teaching. This semester I give the introductionary course in Palynology together with Dr. Hantke. Then I have again the "Praktikum". To my surprise 7 geologists showed up. It seems that palynology becomes more popular, even in Switzerland.

Lately I found in my pile of unanswered letters Betty's note concerning the nylon sieve cloth. I remember that I ordered it for you. But I wonder now if you really received the cloth. I hope you did. Otherwise I could order it again.

Enclosed I send you a reprint which arrived for you some time ago.

Hunt Institute for Botanical Documentation

XXXXXX
863-3419

Herrn
Prof. Dr. P. Hochuli
Geol. Inst. ETH Zentrum
8092 Zürich

12.November 1981

Sehr geehrter Herr Kollege!

Endlich habe ich ein bisschen Zeit, Ihren Brief vom letzten Sommer zu antworten. Erringern Sie sich?--es was eigentlich eine Postkarte, die Sie mir mit meinem Manuskript geschickt haben. Ich danke Ihnen besonders, dass Sie mir eine Gelegenheit gegeben haben, "Versäumtes nachzholen" mit dem "heiligen" Zwingli zu"können. Es tut mir leid, dass meine Schrift und auch die Photokopie meines Manuskripts so aussergewöhnlich schlecht gewesen ist. Allerdings ist das jetzt nicht mehr wichtig. Ich habe den Vortrag in Sydney gehalten, und der Artikel selbst ist jetzt im Druck mit Alcheringa in Australien. (Besser besaft, ist er in dem redaktorischen Prozess.)

Die Reise nach Australien war viel Spass, obwohl viele Schwierigkeiten musste ich zuerst einmal überwinden. Der Streik der Flughafen-"Controllers" was unterwegs am Tag meiner erwartenden Abfahrt. Alle meine Reservationen sind aufgehoben worden, und ich habe alles neu arrangieren müssen. Das kostet einen ganzen Tag in New York. Jedoch habe ich dort zufällig entdeckt, das ein Visum für Australien erforderlich ist! Also habe ich das Visum erledigt, während meines zusätzlichen Tages in New York! Das Visum ist gratis, aber man muss später in Australien für einen "Ausgangausweis" bezahlen--der heutige Preis ist $20.

Bei der Sydney Universität habe ich in der Nähe von Friedemann Schaarschmidt gewohnt, und wir haben oft zusammen gegessen und haben nur Deutsch gesprochen. Seit meiner Rückkehr noch den USA habe ich mehrere Telefongespräche mit Hermann Pfefferkorn gehabt, über seinen Bibliographieeentwurf, und wir haben auch immer auf Deutsch gesprochen. Er braucht für mich nur die "Du-formen", und ich habe viel Neues lernen müssen!

Das Herbst-Semester ist das härteste des Jahres, und ich bin seit August fast unglaublich beschäftigt gewesen. Meine Vorlesungen sind über Palynologie und Entwicklungstheorie bzw. geschichte. Norrie Robbins hat vor zwei Wochen ihre Dissertation-Prüfung bestanden, und Duck Choi bestand letzte Woche seine Kandidatprüfung. Ich habe zwei neue Doktoranden bekommen und jetzt habe ich insgesamt sieben. Zu Hause

Hunt Institute for Botanical Documentation

bin ich sehr verspätet mit meiner Feldarbeit und habe für das erste Mal sogar Heizungholz gekauft ($50 pro 128 ft.^{3})!

Ich vermisse sehr meine alten Freunde in Zürich und besonders Sie! Schade, dass wir nicht mehr zusammen Wanderungen in der Stadt gemacht haben. Das hat mir sehr gefallen

Sie haben einen Freund in Pennsylvanien! Es würde une freuen, wenn Sie und Ihre Familie in der Zukunft uns besuchen könnten.

Alles gute!

mit herzlichen Grüssen auch an Ihre Frau Gemahlin

Ihre

Alfred Traverse

AT/et

Hunt Institute for Botanical Documentation

Zu Hochuli

4 April, 1981

Professor Otto T. Solbrig
Gray Herbarium
Harvard University
22 Divinity Ave.
Cambridge, MA 02138 USA

Dear Professor Solbrig:

Yours of 10 March re the opening in paleobotany was forwarded to me here. Wish I were young enough to nominate myself--what a marvellous opportunity! You will doubtless get a great parade of applicants. As it happens I would like to add to the list.

One of the faculty here at ETH would be a very fine choice--Dr. Peter Hochuli. He is an exceptionally talented person of about the right age, whose talents do not have sufficient scope here. In the somewhat rigid Swiss system there is very little opportunity for paleopalynologists-paleobotanists. (One of the best people in palynology of about my age is not employed as a palynologist at all.) Hochuli is very productive, very well educated (including a year's post-doc in North America). He is well versed in both the geological and botanical aspects of our profession. He has had experience in all aspects of paleobotany, though he has published nothing so far in megafossil paleobotany. He speaks fluent, good English, and of course, perfect German and French. He is withal, a very nice, kind, sympathetic person of broad interests (his hobby is bee-keeping). I would highly recommend him, and he tells me he would be very interested because of the limited possibilities here.

But there is more. Mrs. Hochuli has a doctorate in archeology, and at present, despite a young baby, is working on the ancient Roman site in Chur. She is a very attractive, talented and articulate person who also speaks near perfect English and several other languages. She would be a very interesting addition to the Harvard scene--though she realizes that she would probably need to practice her profession at some other institution in the Boston area.

I do hope you will consider Dr. Hochuli, and I include the requested resume for him.

Best wishes.

Yours very truly,

Alfred Traverse
Visiting Professor
(Professor of Palynology,
Pennsylvania State University,
Ph.D., Harvard, 1951)

AT/et
enclosure

Hunt Institute for Botanical Documentation

26 September, 1980

Dr. Peter A. Hochuli
Geologisches Institut
E.T.H.-Zentrum
Sonneggstrasse 5
CH-8092 Zürich, Switzerland

Dear Peter:

Thanks so much for the reprints. I especially appreciated your summary of the Tertiary climatic trends--that will help some of my lectures--especially the diagram! But it was good to read about the Restionaceae too, as well as about Oligocene dinos. You are certainly versatile--in language as well as subject matter!

See you soon.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Hunt Institute for Botanical Documentation

Dr. Peter Hochuli
Dept. Geol. Sciences
University of Saskatchewan
Saskatoon

Saskatoon, 6 / 8 / 1979

Dr. Alfred Traverse
Dept. of Geosciences
529 Deike Building
Pennsylvania State University
University Park
Pennsylvania 16802

Dear Dr. Traverse,

I am leaving Canada next week to go back to Switzerland. Unfortunatly there was no possibility to visit you in Pennsylvania. I am really sorry that I could not get a grant to spend an other year in Northamerica which I planed to spend in your institute. For the next 8 months I will continue my research project in Zurich. I have to finish several publications. In the meantime I hope to find a possiblity to continue palynological work. I heard that Sybille Franks was visting your lab this summer and that she will start working with the material from the Black Sea.
I hope that I will see you next year at the congress in Great Britain or even in Switzerland.

Sincerely yours

Peter Hochuli

Hunt Institute for Botanical Documentation

6 September, 1978

Dr. Peter Hochuli
Geologisches Institut, E.T.H.
Sonneggstrasse 5
Zürich CH 8006, Switzerland

Dear Dr. Hochuli:

Thank you so much for the copy of your monograph on the Oligocene-Miocene of the "Paratethys". As you probably know, my first palynological work was on presumed Oligocene material from Vermont, and I still have a considerable interest in that stratigraphic level. Hoping to meet you one of these years, and with best wishes to my other friends (particularly Dr. Hsü) at E.T.H., I am

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Hunt Institute for Botanical Documentation

30 January, 1978

Dr. Peter A. Hochuli
E.T.H.--Zürich
Geologisches Institut
Sonneggstrasse 5, CH-8006
Zürich, Switzerland

Dear Peter:

Thank you for yours of 4 January. I was really embarrassed not to be able to offer you paid employment if you should happen to come here. Under present circumstances this would be difficult to arrange for an American and practically impossible for someone from outside this country.

Best wishes to you and my other friends at E.T.H.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Hunt Institute for Botanical Documentation

Eidg. Technische Hochschule Zürich
Geologisches Institut

CH-8006 Zürich, 4.1.1978
Sonneggstrasse 5

Ecole Polytechnique Fédérale Zurich
Institut de Géologie
Peter A. Hochuli

Prof. Dr. A. Traverse
Department of Geosciences
529 Deike Building
Pennsylvania State University
University Park, Pa. 16802

Dear Professor Traverse,

thank you for your very kind letter of December 1977. I would really appreciate very much to work in your institute during one year. I am sorry that I can't send you a copy of my dissertation. It is still in press. I will send you one as soon as possible. Recently I have seen the manuscript of your work on the Black Sea cores. It is very interesting.

With the expression "share in the normal work of your institute" I wanted to ask you if there would be any payed employment. You have already answered my question.

Thank you very much for your information. When I shall know, something more about my projects, I will tell you immediately

Yours sincerely

Peter Hochuli

Hunt Institute for Botanical Documentation

12-7-77

Dr Burnham

Pls return to

him with comments.

Al,

I suspect he means to share in ~~other~~ active research projects other than his own. Could you arrange this?

A title such as Visiting Research Associate might be appropriate. Presumably the facilities of your lab would be sufficient for his needs.

OK to invite him at no cost to PSU and if you can provide space and facilities. RLB

Hunt Institute for Botanical Documentation

13 December, 1977

Dr. Peter A. Hochuli
E.T.H.--Zürich
Geologisches Institut
Sonneggstrasse 5, CH-8006
Zürich, Switzerland

Dear Dr. Huchuli:

Thanks for your most interesting letter of 28 November. I was very interested especially in the information about your dissertation--a very significant piece of work that I hope you will let me see one of these days.

By all means, you would be welcome here for the sort of year's work you outline, although I am not in a position to offer you any funding (apparently that would not be necessary?)--and you are likely to find our office space pretty crowded. With only those reservations, however, I would welcome you here, and I am sure it would be very beneficial to me professionally to have you here.

Your letter asks in closing whether you could "...share in the normal work of your institute"---I do not understand exactly what this means. I would plan to include you in anything we do palynologically while you're here--perhaps you would wish to give some of the palynological lectures, or teach laboratory sessions--that could be arranged, but I must emphasize that I would have no funds to pay you for doing this. Perhaps you wanted to know if you would be free to use Penn State's general facilities, etc.--if so, I am sure the answer is yes--we would arrange some "official status" for you--perhaps "research associate without pay", or whatever. Do I need more clarification from you re what you mean by "share in the normal work...."? Let me know.

Best wishes to you and my other friends at E.T.H., especially Professor Hsü.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Hunt Institute for Botanical Documentation

Eidg. Technische Hochschule Zürich
Geologisches Institut

CH-8006 Zürich, 28. 11. 1977
Sonneggstrasse 5

Ecole Polytechnique Fédérale Zurich
Institut de Géologie
P. A. Hochuli

Prof. Dr. A. Traverse
Penn State University
Palynological Laboratories
Deike Building
University Park, Penna. 16802

Dear Professor Traverse,

I am a palynologist working in an alpine, Palaeogene and Cretaceous, research project with Prof. H.M. Bolli. My present position began in October, 1976 with the completion of my dissertation ("palynological investigations in the Oligocene and lower Miocene of the central and western Paratethys"). Recently, I have undertaken several stratigraphic investigations of profiles from the late Paleogene in the Molasse and Helvetic nappes and from the Cretaceous of the Southern Alps. At present my main interest is the study of very interesting Palynomorphs from the middle Cretaceous (Barremian - Albian) in the Southern Alps and in the DSDP cores from the Atlantic, Legs 51 and 53. The results of this work has lead to the discovery of new aspects in Angiosperm evolution and the unraveling of climatic developments during the mid-Cretaceous. I plan to outline more extensively the palynostratigraphy of this period. I am also interested in pursuing the question of palynomorph distribution in the oceans and the consequences evolving from such a paleo-geographical interpretation.

I would like to obtain further expertise in the field of palynology. I am applying for a Swiss National Science Foundation scholarship to finance further studies. To receive this scholarship, I must first have a confirmed place in the institute where I intend to do my post-doctoral studies. I have been impressed by your publications and research methods and would be very pleased to have the opportunity to work with you. Prof. Ken Hsü suggested that I contact you directly concerning the possibility of studying at and using the facilities of your institute. The duration of my stay would be one year beginning in either October, 1978 or October, 1979. For the scholarship, I am also required to ask if I could share in the normal work of your institute.

I thank you in advance for your kind attention to my letter. I will look forward to your response.

Sincerely yours

P. Hochuli

Peter A. Hochuli

Hunt Institute for Botanical Documentation

25 September, 1978

Hodder & Stoughton Publishing Co.
Mill Road
P.O. Box 700
Dunton Green Sevenoaks
Kent, England TN13 2YA

Dear Sirs:

In connection with my course in palynology here at Penn State I would very much like to be able to inspect your recent publication by Peter Moore, "An Illustrated Guide to Pollen Analysis". For the purpose of examination as a possible text or partial text for my course, the paperback version would be fine. If it is not possible to provide an examination copy for the above mentioned purpose would you please send me a copy at my expense and bill me for it?

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Hunt Institute for Botanical Documentation

file

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Professor Ove Arbo Høeg

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Hunt Institute for Botanical Documentation

OAH/AL

Blindern, Oslo 3. Oct. 24,-66

Dear Dr. Traverse,

My best thanks for your letter of 27th September and for return of photos. We had not yet missed them here.

With kind regards,

Yours sincerely

Ove Arbo Høeg

Hunt Institute for Botanical Documentation

27 September, 1966

Dr. O. A. Hoeg
Universitetet
Blindern-Oslo
Norway

Dear Dr. Hoeg:

In going through some of the things for the Catalog of Fossil Spores and Pollen, of which I have recently become editor, I find that several photographs from the paper by yourself and Bose, used for Volume 21 of the Catalog, need to be returned to you, and I enclose them with this letter. I am sorry that it has taken so long, and I appreciate your cooperation and, especially, your patience with us.

Hoping to meet you again one of these years--I remember some very pleasant conversations with you at the International Botanical Congress in Montreal in 1959.

Yours very truly,

Alfred Traverse

Alfred Traverse, Editor
Catalog of Fossil Spores and Pollen

Hunt Institute for Botanical Documentation

„KEUKENHOF" LISSE HOLLAND

Hoeken

KEUKENHOF
LISSE
HOLLAND

24 IV 1972

Many thanks for your reprints,

P.L.J. v. Hoeken

Mrs A. Traverse
Department of Geology
& Geophysics
The Pennsylvania State University
University Park
Pennsylvania
U.S.A.

Mrs P.L.J. VAN HOEKEN-KLINKENBERG
W. Dreijslaan 4
Heemstede
Holland.

Druk: Planeta - Haarlem - Holland Foto L. Blok

Hunt Institute for Botanical Documentation

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

September 3, 1976

Mr. Donald T. Hoff
Curator of Earth Sciences
William Penn Memorial Muesum
P.O. Box 1026
Harrisburg, Pennsylvania 17108

Dear Don:

You will doubtless remember my student, Bruce Cornet, who accompanied you, Paul Olsen and me in the field a while back in the general vicinity of Harrisburg. Bruce has been doing a spectacular job with the "Newark Basins" palynologically and paleobotanically and is nearing the end of the Ph.D. program--I expect him to get the degree at the end of the fall term. He does have a problem--where he will be employed after he finishes here. Is there a chance that your museum would be able to hire a paleobotanist-palynologist at this time? Bruce did his master's degree with Henry Andrews at Connecticut on megasfossil plants of the Devonian, and is competent in Mesozoic and Cenozoic paleobotany as well as all aspects of Paleozoic paleobotany and palynology. He is also good at dreaming up ways of presenting information and, all in all, it seems to me would be an ideal person for a museum situation. Let me know what you think. Any and all suggestions would be welcome!

Best wishes as always.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT:kc

Hunt Institute for Botanical Documentation

March 30, 1973

Mr. Donald T. Hoff
Curator of Earht Sciences
William Penn Memorial Museum
P.O. Box 1026
Harrisburg, Pennsylvania 17108

Dear Don:

Thank you so much for your help in the field the other day, especially with reference to taking us to the Zionsview locality about which I had previously heard. I do hope that you will offer us an opportunity one of these days to return the favor in some way and that you will come and see us when you are in this area.

Best wishes from both Bruce and me.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

Hunt Institute for Botanical Documentation

June 9, 1971

Dr. Paul Hoffman
G.S.C.
Institute of Sedimentary & Petroleum
Geology
3303 33rd Street N.W.
Calgary 44, Alberta, Canada

Dear Paul:

I am very pleased to have the set of Recent and Precambrian stromatolites in living color. I am very firm in my intention to provide you with compensation for what is obviously a valuable addition to my teaching paraphernalia. If money would be acceptable, that might be the easiest solution to the problem, but it seems possible to me that you might prefer to have something in kind--perhaps publications, pollen and spore slides, coal thin sections, or what-have you? As I say, with our interests being somewhat at the poles of "paleobotany", it might be easier to provide you with cash and let you get what you like. I do hope I will hear from you about this because it will embarrass me if you refuse to accept anything in exchange.

Looking forward to the possibility of seeing your laboratory when I am at the Permo-Triassic meeting in Calgary in August, and with very best wishes and sincere thanks, I am

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

Hunt Institute for Botanical Documentation

file corresp.
Paul Hoffman
3-VI-71

35 mm. Kodachrome slides

LOWER PROTEROZOIC STROMATOLITES, NORTHWEST TERRITORIES, CANADA

1. Branching columnar LLH type in dolomite. (scale 5 ft long)
Taltheilei Fm., Pethei Group, Great Slave Lake.

2. Columnar LLH type in dolomite as in 1.
Taltheilei Fm., Pethei Group, Great Slave Lake.

3. Bedding surface of columnar LLH type in limestone as in 1. and 2. Taltheilei Fm., Pethei Group, Great Slave Lake.

4. Columnar SH type in dolomite (brown) and limestone (grey).
Wildbread Fm., Pethei Group, Great Slave Lake.

5. Bedding surface of columnar SH type as in 4. (scale 1 ft long)
Wildbread Fm., Pethei Group, Great Slave Lake.

6. Domal LLH type in cherty dolomite.
Rocknest Fm., Epworth Group, Coronation Gulf.

7. Undulatory LLH type in limestone.
Wildbread Fm., Pethei Group, Great Slave Lake.

8. Bedding surface of undulatory LLH type in dolomite as in 7.
Wildbread Fm., Pethei Group, Great Slave Lake.

9. Digitate LLH type in limestone. (hammer in lower center)
Utsingi Fm., Pethei Group, Great Slave Lake.

10. Domal LLH type in limestone. (bedding dips gently to left, geologist in right background). Utsingi Fm., Great Slave Lake.

11. Margin of LLH mound.
Stark Fm., Christie Bay Group, Great Slave Lake.

12. Carbonate stromatolite mound in terrigenous mudstone between fanglomerates in continental redbed succession. Et-then Group, Murky Fm., Great Slave Lake.

13. Carbonate stromatolites in terrigenous mudstone.
Murky Fm., Et-then Group, Great Slave Lake.

RECENT STROMATOLITES, HAMELIN POOL, SHARK BAY, WESTERN AUSTRALIA

14-17. Lower intertidal zone on exposed headland at Carbla Pt. Substrate is foram-ooid-pelecypod sand out of which the stromatolites are constructed by particle-trapping algal mats. Stromatolites are penecontemporaneously lithified.

18-20. Lower intertidal zone in semi-protected bights. Elongation of stromatolites is normal to shoreline (parallel to wave scour) and columns are inclined seaward.

Hunt Institute for Botanical Documentation

April 27, 1971

Dr. Paul Hoffman
Geological Survey of Canada
601 Booth Street
Ottawa, Ontario, Canada

Please forward

Dear Paul:

Did I evef remember to write you reopening the question of the wonderful pictures you had of modern analogs of stromatolites? I would very much like to obtain some of these for use in my historical geology and paleobotany lectures. There would be no problem about my paying for the pictures if you will let me know how much they would cost. That was a great lecture that you gave at the Pettijohn symposium, and I often think of it.

Looking forward to seeing you again one of these days, I am

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/mdw

Hunt Institute for Botanical Documentation

February 24, 1971

Dr. Paul Hoffman
Geologist
Geological Survey of Canada
2 Booth Street
Ottawa, Ontario, Canada

Dear Paul:

You may remember the interest I expressed at the sedimentology seminar at Johns Hopkins last month in obtaining copies of some of your very interesting Kodachromes of recent analogs of stromatolites. I was espetially interested in the pictures from (if I have the name right) Shark Bay locality, but there were several from Andros Island which were also most interesting. I would find these slides very useful in teaching paleobotany, particularly in connection with my lectures on the Precambrian. Naturally, we are willing to pay for the slides, so just let me know how to go about ordering some to assure that you are paid for them.

I thought your paper the most stimulating one on the program in Baltimore, but then as a paleobotanist I have a natural prejudice in favor of fossil plants!

Best wishes to you.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

Hunt Institute for Botanical Documentation

October 30, 1967

To: Drs. Barghoorn, Cross, Grayson, Guennel, Hoffmeister, Kosanke, Loeblich, Schopf, Stover, Wilson

Dr. William S. Hoffmeister
3931 Bay Shore Road
Sarasota, Florida 33579

Dear Bill:

Beginning with Volume 28, we are planning to discontinue the Advisory Committee of the Catalog of Fossil Spores and Pollen. The Advisory Committee has served the Catalog faithfully and well, and those of us on the regular staff of the Catalog wish to express our thanks to all of you for a job well done. "CFSP" is now established on a fairly firm, permanent footing at Penn State, and we feel that it is no longer necessary to bother so many people with the various problems connected with publication of the Catalog. We hope that we can still continue to call on you less formally when advice is necessary.

Hoping to see each of you in person before long, I am

Yours very truly,

Alfred Traverse
Editor
Catalog of Fossil Spores and Pollen

AT:kwc

Hunt Institute for Botanical Documentation

31 March, 1982

Mr. Donald T. Hoff
Curator of Earth Sciences
William Penn Memorial Museum
P.O. Box 1026
Harrisburg, PA 17108

Dear Don:

Many thanks for your kindness in taking a whole day for us paleobotanists. Do keep an eye on the papers re construction in those Triassic rocks!

Too bad you couldn't make it to DC--good experience, especially the Triassic field trip.

Best wishes.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Hunt Institute for Botanical Documentation

26 January, 1982

Mr. Donald T. Hoff
Curator of Earth Sciences
William Penn Memorial Museum
P.O. Box 1026
Harrisburg, PA 17108

Dear Don:

Just confirming our phone conversation of earlier today. Sid Ash and I (possibly also one of my current graduate students) will meet you at the William Penn Museum on Saturday, 20 March, at 10:00 a.m. Sid will be interested especially in the Triassic aspects of the Museum's collections, and your work. After that, we should head for the field, weather permitting. If you get any leads on Triassic fossil plants between now and then, great. Otherwise, we should plan to visit at least the locality that Cornet and I went to with you in 197? !

All the best until then.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et
cc: Ash

Hunt Institute for Botanical Documentation

TO AT

DATE 27-VI-90 TIME 3:15

WHILE YOU WERE OUT

M. Dick Holland

Of Harvard (was here few days ago)

Phone

TELEPHONED	☐	PLEASE RETURN CALL	☐
CALLED TO SEE YOU	☒	WILL CALL AGAIN	☒
RETURNED YOUR CALL	☐	RUSH	☐

MESSAGE D will be here thru O2 conference & would like to talk to you.
2) Nan Arens doing great (!) at Harvard - Knoll ecstatic

Signed BT

The Standard Register Company

Hunt Institute for Botanical Documentation

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
PALYNOLOGICAL LABORATORIES
435 Deike Building
University Park, PA 16802
(814)863-3419 or (814)865-6711

6 January, 1989

Dr. F. D. Holland, Jr.
Dept. of Geology & Geological Engineering
University of North Dakota
Box 8068, University Station
Grand Forks, ND 58202

Dear Bud:

How nice to get a "fan" letter from you. Thanks for the generous compliments. We also remember nice times with you in the long ago. I reciprocate your good wishes. Maybe we'll bump into each other at a meeting one of these years.

Best for 1989.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Hunt Institute for Botanical Documentation

15 March, 1977

Dr. F. D. Holland, Jr.
Professor of Geology
Department of Geology
University of North Dakota
Grand Forks, ND 58201

Dear Bud:

Thank you so much for yours of 18 February, which it has taken me an unconscionably long time to get around to answering. You are quite right that John Bebout has finished his Ph.D. thesis and did a very nice job. Leo Hickey was on the examining committee, an arrangement which took some managing to pull off but was mutually ver useful. Among other things Leo gave a very fine lecture here on the origin of the flowering plants.

Regarding a copy of John's thesis, I think the correct approach would be for you to contact him directly. His present address is:

United States Geological Survey
Reston, VA 22092

He would be able to have Xerox copies made at USGS at no cost, I assume. If this doesn't work out for some technical reason, get back to me and I will have a copy made here for which I would have to charge because I have no budget for such matters. Frankly, we were hoping that the North Dakota Geological Survey might be interested in publishing John's thesis or its essentials as a monograph. How about it?

Good to hear from you. I wish I could figure out more excuses for visiting North Dakota, as I still have a very soft spot in my heart for the place and the people. Best wishes to you and kind personal regards to you and all of my other friends in Grand Forks.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et CC: John Bebout

Hunt Institute for Botanical Documentation

The University of North Dakota
GRAND FORKS 58201

DEPARTMENT OF GEOLOGY

TELEPHONE: (701) 777-2811

February 18, 1977

Dr. Alfred Traverse
Department of Geosciences
Pennsylvania State University
University Park, Pennsylvania 16802

Dear Al:

I have heard via the grapevine from Leo Hickey that he has recently read the doctoral dissertation by John Biebout on the palynology of the Golden Valley Formation. I would very much like to obtain a copy of John's dissertation for the Geology Library at UND made from the original. Would it be possible for us to obtain a Xerox or offset copy from you or John? That is, we don't want to wait the year or 18 months necessary to get one from University Microfilms. If John is in the final stages of his work we would greatly appreciate it if he could make us a copy and we will be glad to reimburse him for the cost. If he has completed his work and left Penn State would you have a copy made for us from your copy or your library's? Of course we will be glad to pay any cost incurred. Leo had some kind things to say about John's work but I was not clear whether John had quite finished or not.

Please let me know what can be worked out. Best personal regards to you.

Sincerely,

F. D. Holland, Jr.
Professor of Geology

FDH/bvg

Hunt Institute for Botanical Documentation

June 27, 1958

Dr. F. D. Holland, Jr.
Department of Geology
University of North Dakota
Grand Forks, North Dakota

Dear Bud:

The wonderful set of charophytes quite overwhelms me. This is a really nice thing for you to do for me, and I thank you most sincerely. I must congratulate you on the data you have so meticulously provided for these, a quite extraordinary thing for donations of this sort!

I occasionally think of you and the nice relationship we would have had, had I stayed in Grand Forks. This is a rare compliment, as I do not often fall into reverie about dear old G.F.

I find myself wondering if you have maintained any interest in plant microfossils and if so, how serious. Palynology looks like the wave of the future in micropaleontology to me. If you feel so inclined, I'd enjoy hearing from you what you have been doing to carry the paleontological torch at U.N.D., particularly whether you've got into paleobotany at all.

We reciprocate the personal greetings.

Very truly yours,

Alfred Traverse

AT/mg

Shell Development Company
Exploration and Production Research Division

Hunt Institute for Botanical Documentation

UNIVERSITY OF NORTH DAKOTA

GRAND FORKS

1883 1958

DEPARTMENT OF GEOLOGY

June 18, 1958

Dr. Alfred Traverse
Shell Development Company
3737 Bellaire Blvd.
Houston 25, Texas

Dear Al:

You have been extremely patient with me; but then they say that "all good things come to him who waits". So it is that I have finally gotten around to preparing the charophytes which I long ago promised you. Thus under separate cover I am sending you 18 slides each bearing a different species representing six genera as shown on the enclosed sheet. Note however that while most of these were collected by Dr. Pack, they have been identified by me. The master floral slides from which these species were taken were prepared while I was a graduate student under Dr. Pack at the University of Missouri and hence these identifications are only in "student good". Hence, they are to be looked upon with caution but I believe you can check most of them by the abundant literature by Pack and Reker which can be found in the U.S.G.S. Bibliography of North American Geology.

I have put on each slide only a single letter in pencil, on purpose. Perhaps you can employ any system you wish in catologuing these slides into your collection without having them cluttered by my poorly lettered labels. If you desire any further information regarding these specimens please let me know.

Best personal regards to you and your family.

Sincerely,

Bud

F. D. Holland, Jr.
Asst. Prof. of Geology

FDH/rc

Hunt Institute for Botanical Documentation

Miscellaneous Charophyta

PALEOZOIC		
A. Trochiliscus bilineatus Peck	Hackberry sh.	U. DEVONIAN
B. " rugulatus Peck	"	"
C. " laticostatus Peck	Bushberg ss.	L. MISSISSIPPIAN
D. " octocostatus Peck	"	"
E. " convolutus Peck	Cooper ls.	M. DEVONIAN
F. Sycidium foveatum	Bushberg ss.	L. MISSISSIPPIAN
MESOZOIC		
G. Aclistochara bransoni Peck	Morrison fm.	U. JURASSIC
H. " latitruncata Peck	"	"
I. " jonesi Peck	"	"
J. Chara verticillata Peck	"	"
K. Atopochara trivolvis Peck	Draney ls.	L. CRETACEOUS
L. Clavator harrisi Peck	"	"
M. Aclistochara mundula Peck	Bear River fm.	"
N. Aclistochara cylindrica Peck	"	"
O. Chara sp. (new?)	"	"
CENOZOIC		
P. Chara inconspicua Unger	Evanston fm.	L. Eocene
Q. Aclistochara mitella Peck & Reker	"	"
R. Aclistochara coronata Peck & Reker	"	"

Samples collected by R. E. Peck (much topotypic)
Picked, identified and donated by F. D. Holland, Jr.

Localities of above specimens

A & B - Cerro Gordo mem. of Hackberry fm.; U. DEV. - Top of W. side of Rockford Brick and Tile Co. clay pit, NE¼ Sec. 16, T. 95 N., R. 18 W., ¼ mi. S. and ¼ mi. W. from Rockford, Floyd Co., Iowa (Coll. by FDH 10/31/48).

C, D, & F - Bushberg ss. ; L. MISS. - 3½ mi. N. of Williamsburg, Missouri.

E. - Shale at base of Cooper ls.; M. DEV. - 2½ mi. S.W. of Rensselaer, Ralls Co., Missouri.

G-I - Morrison fm.; U. JUR. - 8 mi. N. of Cañon City, Colorado.

J - Morrison fm.; U. JUR. - 15 mi. N. of Ft. Collins, Colorado.

K & L - Draney ls.; L. CRET. - 1.8 mi. E. of mouth of BearCreek in Tincup Creek, Freedom Quadrangle, Idaho-Wyoming. (Peck locality P-163) [T. 5 S., R.45 E.]

M-O - Bear River fm. - L. CRET. - Near old RR. grade in Sulphur Creek 9 mi. S. E. of Evanston, Uinta Co., Wyo.

P-R - Evanston fm. - L. EOCENE - W. side Bondurant Creek, ½ mi. S. of Hoback Canyon, T. 38 N., R. 114 W., Sublette Co., Wyo. (Peck locality 55P; Peck and Reker, 1948, p. 86).

Hunt Institute for Botanical Documentation

UNIVERSITY OF NORTH DAKOTA
DEPARTMENT OF GEOLOGY
GRAND FORKS

Aug. 23, 1957

Dr. Alfred Traverse
Shell Development Co.
3737 Bellaire Blvd.
Houston 25, Texas

Dear Al,

Your memory is pretty good. Only you've done something about it. The slide of spores reached me in Cincinnati; since I have returned to Grand Forks I have been in the field preparing geologic road logs for the state in connection with "Geology Month in Scouting." For the next week or two I must write them up and then I will be free to work on any project I wish until school starts.

During this time I will prepare for you a slide of charophytes. I certainly do appreciate your slide of spores to show the students in micropaleo; we had not been able to obtain one. Also I thank you for information on your N. Dak. charophyte. We still turn up one now and then but they, too, are "cavings."

Our family is all well and thriving (Del in 5th grade and Erik in kindergarten -- even though we can't believe it) and we trust that you are all well. Mardi and I both send our regards.

Sincerely,

Bud

F. D. Holland, Jr.
Asst. Prof. of Geology

Hunt Institute for Botanical Documentation

BUY "DAKOTA MAID" FLOUR

June 21, 1957

Dr. F. D. Holland
Department of Geology
University of North Dakota
Grand Forks, North Dakota

Dear Bud:

Something has just bobbed to the surface on my desk that indicates I still have some unfinished business with you, though over the years I have forgotten some of the essential details. One item is that I was supposed to have sent you a couple of slides of fossil pollen. They are being mailed to you. I am sending some of the material from the Brandon lignite, than which I have still not found anything richer. These pollen grains have the additional advantage that, if you are interested, you can identify them by reference to my monograph (U. S. B. M. R. I. 5151, 1955). You will need to use a medical type microscope with ca. 500x magnification to do any good.

I also have a note that you wanted to know about the origin of a Chara oögonium given to me by our mutual acquaintance, Morton Strassburg. My notes say that the thing came from: "drill washings, Red River formation (?), east central North Dakota, Evans Erikson Well 3 (could be 5), 2520-30". Looks to be Aclistochara sp.

I also have in my notes that I am supposed to have acquired some Chara oögonia from you but can't find any trace of same. Did I actually get them, or were you going to send them to me? I have become quite interested in an amateurish sort of way in charophytes. You may already know that our mutual friend Maxie Abbott, in Cincinnati, has become interested in them. I chatted with her briefly about this on the phone a few weeks ago when we were talking about some of the arrangements that had to be made attendant on the death of Professor Hoskins. (As secretary of the Paleobotanical Section, B. S. A., I succeeded him in the office of chairman when he died.)

Regards to our mutual friends in Grand Forks and especially to your wife.

Very truly yours,

Alfred Traverse

AT:ml

Hunt Institute for Botanical Documentation

October 4, 1955

Prof. F. D. Holland
Department of Geology
University of North Dakota
Grand Forks, North Dakota

Dear Bud:

A batch of the Journal of Paleontology just arrived, reminding me of my debt to you for your suggestion, followed by prompt action, re getting me on the rolls for the Society. I appreciate your having taken the matter in hand last spring.

I also wanted to let you know that I still intend to send you the pollen slides promised some time ago, although this recent move of mine will again postpone the time of their arrival. I never really get settled in Denver to the extent of finding time to take care of the matter there.

My job here is in palynology, as you would doubtless guess. That, of course, is entirely to my liking.

Spent some time with your old friend Maxie Abbott, at the A.I.B.S. meetings in East Lansing in September. I learned that she is a Texan and had quite a good talk with her about what to expect and not to expect down here. She is a very interesting and capable person, isn't she?

Best wishes to all our mutual friends in Grand Forks.

Very truly yours,

Alfred Traverse

AT:hmp

Shell Development Company
Exploration and Production Research

Hunt Institute for Botanical Documentation

April 15, 1970

Mr. Samuel Holliday
Department of Geology
Ricker College
Houlton, Maine 04730

Dear Sam:

It has taken me an unconscionably long time to answer yours of 21 February, but I am at the moment finally digging out from under some of my past unanswered correspondence. The stories you heard about the demise of the Penn State Geology Department were rather exaggerated. It is indeed true that two members of the department are leaving here to become chairmen of other departments--Dr. Lattman is going to the University of Cincinnati, and Dr. Dutcher is going to Southern Illinois University, but most of us are still doing business at the same old stand! I have taken care of your request regarding a recommendation, and I only hope that it has not been too much delayed.

Are you still running that summer resort that you told me about last year? One of these years we might still take you up on your invitation, and if we let it go long enough, there will only be two of us to come because we're beginning to peel off kids as they reach 18. That's a phenomenon with which you must be very much familiar! I do hope tha you and your family are getting along well. I remember with considerable satisfaction your warm friendship to the Traverse family when we were all rather unhappily intrenched in Austin.

Yours very truly,

Alfred Traverse
Associate Professor of Geology & Biology

AT:kc

Hunt Institute for Botanical Documentation

RICKER COLLEGE
HOULTON, MAINE 04730

Department of Geology
R. A. Bither
Samuel Holliday

Feb. 21, 1970

Dr. Alfred Traverse
Dept. of geology
Penn State University
University Park, Pennsylvania

Dear Al:

There is a 50-50 chance I might go to the University of Maine next fall to try again for thePhd degree. They require the usual three recommendations, so I trust you will be kind enough to send one for me.

Incidentally, I heard that the entire Penn State geology department had left. This seems unbelievable, and if it is true I hope you are not involved. However, in case you have made a change I hope this letter will get to you.

Sincerely,

Sam

Samuel Holliday

Hunt Institute for Botanical Documentation

File

THE GRADUATE SCHOOL

University of Maine
Orono, Maine

LETTER OF RECOMMENDATION

(please print or type)

Holliday, Samuel Department Geology Degree sought
(Last Name) (First Name) (Middle Name)

is applying for admission to Graduate Study and is also an applicant for:

☐ Fellowship; ☐ Scholarship; ☐ Research Assistantship; ☐ Teaching Assistantship.

(Above to be completed by the applicant)

What is the extent of your acquaintance with the applicant? What courses has he taken with you?

Knew him when he was a graduate student at the University of Texas, and I was a faculty member, 1965-66. He took plant paleontology with me. I also got to know him pretty well socially.

What is your estimate of the applicant's promise as a graduate student and promise of professional success? What are his greatest strengths and weaknesses? If possible, please compare the applicant with any others in the same field who have done work in the graduate school of the University of Maine.

If the applicant is applying for a scholarship, fellowship or assistantship, please give your evaluation of his qualifications for such an award as this reference also will be used in considering the applicant for financial aid.

Mr. Holliday wrote me a couple of months ago saying that he was considering further graduate work at the University of Maine. He asked me to send along a letterx supporting his application.

Sam is a very enthusiastic person with considerable ability as a geological field observer and as a source of ideas. I well remember many of the very interesting suggestions he made about research while we were both at Austin, and I think I would have worked with him to follow up a few of them had I stayed down there. He is well read and had a very good general knowledge of geology.

His principal shortcoming is a tendency to be careless with labwork and preparation of reports. I think a patient and firm adviser could get a decent thesis from Sam, but it would take both patience and firmness.

(Please use the back of this sheet or another sheet if necessary)

Summary Evaluation: Overall scholarly ability. In comparison with a representative group of students in the same field who have had approximately the same amount of experience and training, how do you rate the applicant in GENERAL ALL-AROUND SCHOLARLY ABILITY:

☐ Truly Exceptional.	Equivalent to the very best you have known—a person who, in your experience, appears only every few years.
☐ Outstanding.	Comparable to the best student in current class. Highest 5%.
☐ Unusual.	Next highest 5%.
☒ Good.	Ability easily identifiable. Probably in upper 15%. Certainly in upper 25%.
☐ Above Average.	Upper 25%.
☐ Average.	Upper 50%.
☐ Below Average.	Lower 50%, but recommended.
☐ Not Recommended.	

Alfred Traverse (Name) — Assoc. Professor (Title)

(Signature) — Penn. State Univ. (Institution)

Please send this letter directly to the address above. Further information may be sent directly to any member of the Faculty of the University of Maine in the field of the student's application. Such information will be welcomed. Thank you.

Hunt Institute for Botanical Documentation

April 3, 1969

Professor Samuel Holliday
Department of Geology
Ricker College
Houlton, Maine 04730

Dear Sam,

Got yours of 18 March. I cannot be too encouraging about Bob Amrein's chances of admission, but I just checked to be sure that his application is in order and is being given the usual amount of liberal consideration. It is. The problem is his grades, which are marginal, as you know. Perhaps shouldn't cut so much ice, but it seems to.

Regarding Bernie Maher--it sounds possible that he has had a bad experience and, I suppose, might even have been subject to some sort of prejudice (I believe my meaning is clear). I enclose a copy of a letter to him which is self-explanatory. We'll see what happens.

Boy, would it be nice to take you up on the offer to visit you all in Vermont. I'm afraid the prospect is at least a couple of years away, however. We are planning a camping trip to the international botanical congress next summer. We have a summer place in the Adirondacks, as you may remember, so we are almost neighbors.

Best wishes. Regards to Nancy. Happy Easter.

Yours very truly,

Alfred Traverse
Associate Professor of Geology

AT;mf
Enc. copy of letter to Maher

Hunt Institute for Botanical Documentation

RICKER COLLEGE
HOULTON, MAINE 04730

Department of Geology
R. A. Bither
Samuel Holliday

March 18, 1969

Dr. Alfred Traverse
Dept. of Geology
Penn State University
University Park, Pa.

Dear Al,

I greatly appreciate your attention to Bob Amrein in his application for graduate work in geophysics. He is an excellent student, and I hope Penn State can take him.

Now, here is something more in your line. We had a very fine boy who graduated last year and took a real interest in micro-paleontology. His name is Bernard Maher. Bernie is quiet, dedidated, good moral character and a hard worker. He got a good summer job in Nova Scotia with the New Jersey Zinc Company and was accepted as a graduate student at the University of South Carolina. They gave him a teaching assistantship, and he is finishing this first year of graduate work with about a 3.5 average.

Suddenly I find that Bernie has had the well known graduate school experience that you and I have encountered before, and it appears that it would be much better if he go someplace else. As a matter of fact, he was thinking of writing his thesis on diatoms, so I am sure you and he would get on well together.

Tonight I talked to Bernie by telephone and asked him to write to you to see if he can come to Penn State. Bernie is a good student and of good moral character. I want to see him go further in geology. I think his main problem is that he becomes terribly interested in his specialty which in my way of thinking is a virtue.

Thank you once again for your help, and let's try to get together next summer. Nancy and I own the Greensboro Inn in Greensboro, Vt., on a beautiful lake, So why don't the Traverses come and visit us as our guests.

With best regards,

Sam

Samuel Holliday

Hunt Institute for Botanical Documentation

Eaton
Fidelity Onion Skin
100% COTTON

December 10, 1968

Mr. Samuel Holliday
Department of Geology
Ricker College
Houlton, Maine 04730

Dear Sam:

It was good to hear from you last September (Remember?--you wrote me on the 6th of that month). There is really no excuse for not handling correspondence more promptly than this, but I have been swamped with various things.

I was interested to hear that you are in Houlton. As you may remember, my family comes from New Brunswick, and I was born P.E.I. I used to spend each summer at my grandfather's farm in N.B. when I was a kid, and I still have a great sentimental attachment to that section of the country. Sometime when we are together I will want to hear more about the relationship you have developed with the universities in the Maritimes (as we used to call P.E.I., N.S., and N.B. in the days before Anschluss with Nfld.).

Your boys with the math-geology majors could do worse than to investigate Penn State for graduate work. It is my understanding that we rank right up there with Cal Tech and Stanford, etc. The fellows could write directly to the chairman's office, Department of Geology and Geophysics, Pennsylvania State University, etc.

Regarding your gal who is a junior but can't handle chemistry--I would have to have more details, but based on experience with cases that sound similar, it is doubtful that she could get into Penn State. The graduate school especially is getting pretty selective. Do you suppose that the young lady ought to transfer to some other program? A science major who can't go chemistry is in tough shape.

Best wishes of the season to you and to your charming family--you do have them in Houlton, I suppose?

Yours very truly,

Alfred Traverse
Associate Professor of Geology

Hunt Institute for Botanical Documentation

Ricker College
Houlton, Maine
Sept. 6, 1968

Dr. Alfred Traverse
Dept, of geology
Penn State University
University Park, Pennsylvania

Dear Al:

I have two outstanding students who will graduate next June with a full major in mathematics as well as a full geology major. I would like to explore the possibility of graduate work for them in geophysics.

Incidentally, we are building a geology program here that ought to be very good in a few years. As it is we are turning out four or five a year, and one of our boys started graduate work at the University of South Carolina currently.

We have established a close relationship with the Atlantic Province Canadian colleges, which is unique and very delightful.

Oh, yes, one other thing. We have a very bright girl here who is a junior, and may have a hard time graduating because she just can't handle chemistry. But I think she could do great things in palynology. Do you suppose she could transfer to your university next year and work for both the AB and MA in your field?

Very truly yours,

Sam

Samuel Holliday

Hunt Institute for Botanical Documentation

Ricker College
Houlton, Maine 04730
Dec. 11, 1966

Dear Al,

Thank you for yo ur help on these letters of recommendation. The matters have come up unexpectedly, and I just automatically put down your name. Of course, it was impolite not to write to you about them, but then things have been so hectic that I have had to neglect a lot of things.

On November 3 and 4 I mailed out multilithed letters to the presidents of all the colleges in Maine, Vermont, New Hampshire, Connecticut, Massachusetts, Rhode Island, Virgina, Ohio, and 14 colleges in New York State. It was a one page letter giving a summary of my educational background and experience, and stating that I would be interested in a teaching assignment in Se pt., 1967.

I mailed the letters on Thursday and Friday, and the following Tuesday I got a phone call from the president of Ricker College saying that they were in a jam, and could I help them. Here it was the middle of the semester and a number of students had registered for structural geology, mineralogy, and geology of North America. The man who had been hired for the job was an Egyptian, and at the last minute the Egyptian government would not let him leave the country. So that was fine, but then he asked me if I could be here next Monday. Can you imagine the consternation in my family at my leaving on six days' notice.

Well, anyway, I came up, and at the last minute my oldest daughter, Francie, decided to come with me. So here we are, and the rest of the family will probably be here within three weeks. It turns out that for three years this college has been offering a geology major, and the other geologist, aged 62, named Roy Bither, has been here 35 years, and loves to teach beginning geology, but could care less about the advanced courses. And already I have made such a good impression that I have a permanent contract. And the really amusing thing is that not one word has ever been said about the PhD degree. They just don't care, because my experience outweighs the degree.

Then the second week, after I had been to the Episcopal church, Roy Bither came to me and said how glad he was that I was an Episcopalian. So I told him about you, and instantly he said, "let's get him up here". It seems that Maine is desperate for Episcopal clerge. In fact, this church is without a rector. The new one will be here for the first time Christmas. Roy also commented that the University of Maine does not have a paleobotonist. But seriously, you might be able to get a parish in Maine on a full time basis and pursue the geology with Colby, University of Maine, or even Ricker.

Anyway, these are some ideas. And incidentally, I feel that churchmanship in Maine makes the dioces of Texas look sick.

With best regards, Sam SAMUEL HOLLIDAY

Hunt Institute for Botanical Documentation

The Pennsylvania State University
Department of Geosciences
Palynological Laboratories
435 Deike Building
University Park, PA 16802
phone: 814-863-3419
fax: 814-865-3191

2 April, 1990

Dr. Richard G. Holloway
Eastern New Mexico University
Anthropology Dept., Station 3
Portales, NM 88130

Dear Rick:

In case a recent letter to Vaughn doesn't get to his attention, for whatever reason, this is to remind you about the chapter for the palynomorph sedimentation book by you and him, or him and you, depending on how the project has been carried out. I think you will regard the whole project as satisfactory and be glad you're included. I do now need the MS soon, so I hope to hear from you promptly. (I would also appreciate whatever news you have of the Bryants--I'm afraid to ask how it's going.)

Best wishes.

Yours very truly,

Alfred Traverse

AT/et

Hunt Institute for Botanical Documentation

xxxxxx

29 November, 1979

Mr. Richard G. Holloway
Anthropological Research Laboratories
Texas A&M University
College Station, TX 77843

Dear Mr. Holloway:

Got yours of 15 November and remembered our conversation, of course. Only it wasn't Scandinavian but Netherlands. The guy who did the experiments was Havinga, and it was quite a while ago. He probably is still alive, and you could write him:

Dr. A. J. Havinga
Lab. of Soil Science, Geology & Mineralogy
Agricultural University
Wageningen, Netherlands

The only reprint I found was Havinga, A.J., 1967, Palynology and pollen preservation: Rev. Palaeobot. & Palynol. 2:81-98. (This you need to see.) However, I know he also did more recent work on the idea. Was it published?

Best wishes.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Hunt Institute for Botanical Documentation

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Anthropological Research Laboratories
COLLEGE STATION, TEXAS 77843
(713) 845-5242

Archeology Ethnology Palynology Physical Anthropology

Nov. 15, 1979

Dr. A. Traverse
Dept. Geosciences
529 Deike Building
Penn. State University
University Park, PA. 16802

Dear Dr. Traverse;

As you indicated to me in Dallas last week I am writing to see if you could send me those references on pollen degradation studies from Scandinavia. You indicated that the pollen was placed in the sediments directly similar to the methods used by Sangster and Dale. I am very interested in these particular types of studies. Thank you very much.

Sincerely,

Richard G. Holloway

Richard G. Holloway

Hunt Institute for Botanical Documentation

14 November, 1983

Mr. W. B. K. Holmes
"Noonée Nyrang"
Gulgong Rd.
Wellington, N.S.W. 2820
Australia

Dear Keith:

It was a great joy to get your very interesting letter and the reprint re eucalypts, from which I learned much. I gather that you now are into paleopalynology--hurra! The palynoflora may be poorly preserved, but is nevertheless very interesting!

As I write, my wife is driving us through a blinding snowstorm--we live 26 miles from my lab-office. It's hard to believe that you are having DUMMER!

I have the fondest recollections of you, and your very charming wife and daughters--I must say I hope the latter don't get changed too much by American experiences. I thought Australian young people were a cut better than ours because of less contact with "modern" (=Amero-) culture. But that's a long story for discussion one day over a few cups of that great Australian tea. By the way, we regret that Netta didn't stop off in PA enroute last--especially as you also have a close friend from Australia on our faculty.

Yes, my wife and I do indeed cherish the idea of a trip to Australia one day--I fell head over heels for NSW and can't wait to get back--God knows when. So, doubtless if we all stay healthy, we'll see you in (at?) "Noonee Nyrang". In the meantime any or all of you is (are) welcome here.

All the best.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Hunt Institute for Botanical Documentation

Maonee Nyrang
Wellington 2820
NSW Australia
15/8/83

Dear Al

Thank you for the reprints - they are always appreciated.
We are still collecting an interesting fossil plant or two when time allows. We have just been through a period of extreme drought which means no cash income and a deal of extra work. However we managed to survive better than many & now that it has rained the whole countryside is green again.

Our elder daughter, Maonee (the one with the German dictionary) is in the throes of writing her thesis on completion of her Honours year of a Science degree. She is undecided on her future - whether to carry on with post graduate studies or to look for a suitable job - & there are very few opportunities at present.

Netta has adjusted very well to College

Hunt Institute for Botanical Documentation

and University life after her overseas trip. She attended a High School near Minneapolis for seven months and then travelled to England where she stayed with Ken Alvins family for four months. Ken's elder daughter has deferred her University entrance for twelve months so that she could come to Australia with Netta. Jenny has spent much of her time with us as well as travelling to Central Australia & to north Queensland to see the Barrier Reef.

Both Netta & Maurice play for the Sydney University hockey team. They hope to go to Fiji to play in the Pacific Championships in February.

Have you any plans for another trip to Australia? If so you must come & stay with us & we will show you some interesting parts of the country.

Kind regards

Keith Holmes

Hunt Institute for Botanical Documentation

7 September, 1981

Mr. & Mrs. Keith Holmes
"Noonee- Nyrang"
Gulgong Road
Wellington 2820, N.S.W.
Australia

Dear Felicity, Keith, Netta (and Marnie when you see her!):

It was good to get to know you in Sydney. I am really "turned on" by New South Wales and its delightful citizens! We are already planning a trip one of these years (3-4?) to your country and hope to see you then. If you can make it to North America in the meantime, you are certainly very welcome in Pennsylvania@

If you ever find out more about your problematical fossil, I hope I hear--it bothers me--I was never convinced that the internal structure was organic--could have been a sedimentary-crystallization thing. Needs more specimens.

All the best.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Hunt Institute for Botanical Documentation

10 January, 1979

Dr. Patricia Holmgren
New York Botanical Garden
Bronx Park
Bronx, NY 10458

Dear Dr. Holmgren:

Regarding the "logo" for Botanical Society--UNFAIR! There should and must be a slot--"13"?--for "NONE-OF-THE-ABOVE". That would get my vote, as none of those submitted is satisfactory.

It might be of interest that the much smaller American Association of Stratigraphic Palynologists (500 members) took 10 years to select an acceptable logo! It took several ballots and the first few were always won by NONE-OF-THE-ABOVE!

I urge this to the attention of Council.

Yours very truly,

Alfred Traverse
Professor of Palynology
(sometime Chairman and
Secretary-Treasurer of
Paleo. Sec. BSA)

AT/et

Hunt Institute for Botanical Documentation

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

Dr. K. C. Hood
Exxon Exploration Co.
P.O. Box 4279
Houston, TX 77210

Dear Friend:

Please send me info about GRAPHCOR. Perhaps I could use it to organize my information about Devonian palynology in this area.

Thanks.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Hunt Institute for Botanical Documentation

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
24 October, 1994

Prof. Dr. Henry Hooghiemstra
Dept. of Palynology etc.
Hugo de Vries-Laboratory
University of Amsterdam
Kruislaan 318
10098 SM Amsterdam, the Netherlands

Dear Prof. Hooghiemstra:

Thanks so much for yours of 11 October, which arrived today (!).

I am writing immediately to Villaneuva G. in the hope of also being able to purchase a copy of the book. Many thanks for the useful tip.

All the best.

Yours very truly,

Alfred Traverse

encl.:reprints

Hunt Institute for Botanical Documentation

UNIVERSITY OF AMSTERDAM

HUGO DE VRIES-LABORATORY

DEPT. OF PALYNOLOGY AND PALEO/ACTUO-ECOLOGY
Prof. dr H. Hooghiemstra

RESEARCH GROUP SYSTEMATICS,
EVOLUTION AND PALEOBIOLOGY

Kruislaan 318
1098 SM AMSTERDAM
The Netherlands
Telefax: + 31 20 5257715
Telephone: + 31 20 5257844

Prof. dr H. Hooghiemstra
Direct dial: + 31 20 5257857

Prof. Dr. Alfred Traverse
The Pennsylvania State Univcersity
Dept. of Geosciences, Palynological Laboratories
435 Deike Building
University Park, PA 16802
USA

11 October 1994

Dear Prof. Traverse,

Thanks for your 'emergency'-letter concerning the Mexican pollen atlas. I have included a copy of the first pages of this book. I bought the atlas in 1992 at the pollen congress in Aix-en-Provance from Rogel Villaneuva G. himself (address on the title page; US $ 40). I suggest you to contact him, or one of the other authors, for a copy.

In an urgent case I am willing to lend out you my private copy. Let me know if I can help you.

With best wishes,

Henry Hooghiemstra

Hunt Institute for Botanical Documentation

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
3 October, 1994

Dr. H. Hooghiemstra
Hugo de Vries-Laboratory
Dept. of Palynology
University of Amsterdam
Kruislaan 318
1098 SM Amsterdam
The Netherlands

Dear Friend:

Thought the enclosed copy of my effort to get one of the publications in your most useful "List" would interest you. Do you have any suggestions how one might get a look at a copy?

Best regards.

Yours very truly,

Alfred Traverse

P. S. I really do mean the "useful" above--
I have succeeded in finding most that I needed!

encl:xerox of interlibrary loan request

Hunt Institute for Botanical Documentation

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

31 January, 1994

Dr. Henry Hooghiemstra
Hugo De Vries-Laboratory
University of Amsterdam
Kruislaan 318
1093 SM Amsterdam
The Netherlands

Dear Dr. Hooghiemstra:

Hope I meet you some day--and I don't mean at a congress (I seldom remember much about them afterwards). I mean if you're in USA come here! I was once in your lab, but you weren't home. I use your work a lot.

First, I must explain my long delay in answering your letter of 11 October (For which I thank you). Soon thereafter my mother-in-law died, and then we went to UK for two weeks, then came the Christmas holidays, etc. Sorry!

Regarding the idea of AASP publishing a new version of your "list"--I am no longer influential in that organization, but I believe they'd be very interested in your list, not for Palynology but for the Contributions series. I recommend you write to the editor, Dr. Vaughn Bryant, Jr. (Palynology Labs., Dept. of Anthropology, Texas A & M University, College Station, TX 77843, USA).

Thanks for the great set of publications you sent: the high resolution Fienza pollen record (marvellous!); the abovementioned "list"; the "pollen in deep-sea sediments as information-bearers of climatic alterations" (I'm fluent in German, and it's amazing how easy Dutch is for me to read--of course, I have no idea how to pronounce it!); African cores- from P. of E. vol. 18; PPP articles on West tropical Africa; Dakar symposium paper; the famous RPP 1988 paper on wind belts; RPP paper on Canary Islands area; chapter from Leeven and Sarathein book; Acta Bot. Neerl. article on Sahara-Sahelian boundaryp "Meteor" 1986 paper; Phil. Trans. R. Soc. Lond. 1988 paper. What a great help these publications are! I really am very grateful. Obviously I'll have to do more digesting of the information.

Enclosed are the comparatively pitiful few things I have available to send you.

All the best.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et
encl

Hunt Institute for Botanical Documentation

UNIVERSITY OF AMSTERDAM

HUGO DE VRIES-LABORATORY

DEPT. OF PALYNOLOGY AND PALEO/ACTUO-ECOLOGY
Prof. dr H. Hooghiemstra

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Prof. dr H. Hooghiemstra
Direct dial: + 31 20 5257857

Dr. Alfred Traverse
The Pennsylvania State University
Dept. of Geosciences, Palynological Laboratories
435 Deike Building
University Park, PA 16802
USA

October 11, 1993

Dear Dr. Traverse,

Thank you for your letter dated 26 September. Indeed it is not clear how to make reference to this list of Quaternary Pollen Atlases. The reason is that I compiled this list for informal use in our laboratory based on my private collection of Pollen Atlases.
I noticed that many colleagues are interested and like to have an opportunity to make reference to it. Therefore, I added a recommendation for reference on page 1 of the very last version of October 1993 (copy included).
If the AASP thinks it is worthwhile to publish the list in 'Palynology' I would be pleased.

Inspired by the reactions of many colleagues, I added some 20 references especially concerning South America. It is my objective to prepare an update about once a year, but after having compiled the most important atlasses, I expect that the list grows only slowly.

I am very pleased to learn that you are preparing a second edition of Paleopalynology. This is a very useful and well documented book which I use for my classes in palynology (as our research group focus on Quaternary palynology, I have only 1 hour to show students something on pre-Quaternary matters).
It would be fine if Quaternary marine paynology receives the attention it deserves. In the first edition of Paleopalynology you mention a lot of results indeed. But you can imagine that I was disappointed to read in the IV edition of Textbook of Pollen Analysis (K. Faegri & J. Iversen, 1989): "Marine sediments are, on the whole, rather disappointing from the point of view of pollen analysis. (.....)" (page 36). Knud Faegri promised improvement should there be a next edition. Please find enclosed some reprints about my marine palynological work.
With kind regards,

Sincerely,

Henry Hooghiemstra

Hunt Institute for Botanical Documentation

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

26 September, 1993

Dr. H. Hooghiemstra
Hugo de Vries-Laboratory
Department of Palynology
Kruislaan 318
1098 SM Amsterdam, The Netherlands

Dear Colleague:

Many thanks for "List of major pollen...atlases...." It's already been useful to me in connection with an archeological consulting project in Guatemala. I have an important question because I'd like to quote the list in the 2nd Edition of my Paleopalynology: where was the list published? i.e., what is the correct literature reference? Maybe I'm just being obtuse, but I don't find the bibliographic reference on the article. Could you let me know?

Best wishes.

Yours very truly,

Alfred Traverse

Hunt Institute for Botanical Documentation

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3 August, 1993

Dr. H. Hooghiemstra
Hugo de Vries-Laboratory
University of Amsterdam
Kruislaan 318
1098 SM Amsterdam
The Netherlands

Dear Colleague:

I'd very much like a copy of the "List of...atlases...," per AASP Newsletter 26:2:3. Thanks in advance!

Best wishes.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Hunt Institute for Botanical Documentation

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17 October, 1991

Dr. H. Hooghiemstra, Director
Hugo de Vries-Laboratorium
Kruislaan 318
1098 SM Amsterdam, Netherlands

Dear Dr. Hooghiemstra:

Waldemar Herngreen writes me that it might still be possible for you to supply me with a sample we could use for teaching and research from "ASA" levels in Brazilian cores he studied. Taking his advice, I selected a level from Herngreen 1974 & 1975 (Cretaceous of Brazil) as follows:

(see Herngreen, 1975, Table 1):
Borehole 1 - MV - 1 - MA, sample 5, core interval 621-623.

This level seems to have a relatively high concentration of elater-bearing forms, which is what I wanted to look at.

If it is possible to let me have a subsample from this core, I would much appreciate it.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et
c: G.F.W. Herngreen

Hunt Institute for Botanical Documentation

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24 August, 1990

Dr. H. Hooghiemstra
Department of Palynology
University of Amsterdam
Kruislaan 318
1098 SM Amsterdam, The Netherlands

Dear Dr. Hooghiemstra:

Dr. Beug sent me recently four of your recent papers (Phil. Trans. Lond., Pal. , Pal. , "Meteor") re NW Africa sediments--very interesting and important as an example of primarily aerial transport.

Unfortunately the Pal.-Pal. reprint is incomplete, lacking pp. 135-140. Our library's copy of the journal was stolen (!). Could you provide a xerox of the missing pages?

Best regards.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Hunt Institute for Botanical Documentation

The Australian National University

GPO Box 4, Canberra, ACT 2601
Telegrams & cables NATUNIV Canberra
Telephone 062-49 5111
Telex AA 62760 NATUNIV
Fax 062-489062

Department of Geography
Faculty of Science

8 May 1989

Dr Alfred Traverse
Department of Geosciences
Pennsylvania State University
UNIVERSITY PARK
PA 16802 USA

Dear Dr Traverse,

Your paper has been reviewed and is accepted for publication. As you may have heard, we are no longer planning to produce a special volume of the IPC papers. Instead Elsevier have agreed to produce an issue of *Palaeoecology*, *Palaeobotany* and *Palynology* devoted to the conference. This should ensure a faster production and visibility for your work. We hope that the volume will be issued by the end of 1989.

Your paper requires no more than minor editorial changes, to help it fit the style of *Palaeo*^{3}.

Yours sincerely,

Geoff Hope

Geoff Hope

Hunt Institute for Botanical Documentation

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
PALYNOLOGICAL LABORATORIES
435 Deike Building
University Park, PA 16802
(814)863-3419 or (814)865-6711

12 January, 1989

Dr. Geoff Hope
The Australian National University
GPO Box 4
Canberra, ACT 2601
Australia

Dear Dr. Hope:

Yours of 16 December re the Holmes paper took a while getting here! I knew the paper from being chairman of Symposium 12 at Brisbane. The typescript seems fine, and the paper is a very nice contribution that, as far as I can tell, needs no changes at all. I return the MS herewith.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et
encl: MS of Holmes paper

Hunt Institute for Botanical Documentation

The Australian National University

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Telegrams & cables NATUNIV Canberra
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Fax 062-489062

Department of Geography
Faculty of Science

16 December 1988

Dr A. Traverse
Department of Geosciences
435 Deike Bld
Pennsylvania State University
University Park, Penn. 16802
USA

Dear Dr Traverse,

I am helping to edit the submitted papers from the International Pollen Conference which was held in Brisbane in August 1988. I am hoping that you will agree to read the enclosed paper in the light of the editorial advice sheet and return a recommendation to me as soon as possible, preferably before the end of January. Dr Truswell and I will undertake to edit the papers for style and expression, so do not worry about very minor matters that are likely to be picked up.

I do hope that you will be willing to take on this task; if you can not do so would you kindly return the manuscript promptly. I would appreciate advice on who else might be able to carry out a review.

Best wishes for the Christmas season.

Yours sincerely,

Helena Wolf for

Geoff Hope

Holmes; Fluvial sorting and transport processes; effects on spectra and influx.

Hunt Institute for Botanical Documentation

UNIVERSITY OF SOUTH CAROLINA
COLUMBIA, S. C. 29208

October 29, 1973

Department of Geology

Dr. Alfred Traverse
The Pennsylvania State University
Palynological Laboratories
Deike Bldg.
University Park, Pennsylvania

Dear Al:

Thank you for your comments concerning conservation of the generic name Classopollis as suggested by Georg and me in our paper. We are aware of the problems concerned and the chances of getting our proposal accepted and have seriously considered simply making a suggestion our final work. Perhaps we should reconsider and make a formal proposal as you suggested. I shall contact Georg and get his opinion.

Hope your work is going well and will be looking forward to seeing your descriptions from the Triassic of Pennsylvania.

s

Sincerely yours,

Bob

R. C. Hope

Hunt Institute for Botanical Documentation

October 15, 1973

Dr. R.C. Hope
P.O. Box 293
Buies Creek, North Carolina 27506

Dear Bob:

I noticed in your paper with Schultz that a statement is made about the conservatinn of the generic name, Classopollis. asAse secretary of the Committed for Nomenclature of the IAPT, I would like to remind you that if you have serious intentions of introducing this proposition, it must be submitted as a formal proposal for publication in Taxon. I personally feel that the proposal has very little chance of success, based not so much on its merits as on the history of such proposals in the past. Nevertheless, there are others who feel as you do, and I would think that the appropriate thing to do is go ahead and introduce the proposition. You may be interested in the comments which Ames and I have made on this subject in Volume 38 of the Catalog of Fossil Spores and Pollen.

Best wishes.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

Hunt Institute for Botanical Documentation

CAMPBELL COLLEGE

DEPARTMENT OF
GEOLOGY

BUIE'S CREEK, NORTH CAROLINA

Bob who?

May 21, 1973

Dr. Alfred Traverse
The Pennsylvanian State University
Department of Geology
University Park, Pennsylvania 16802

Dear Al:

Thank you very much for your card and your kind comments. I will be happy to know the results of what you and your student are doing with the Triassic in your area. I am especially interested in knowing if you are finding any megaspores as I have found none here.

You may indeed call me Bob, and I shall look forward to meeting you in the near future.

With best regards,

Bob Hope

Hunt Institute for Botanical Documentation

Hope

CAMPBELL COLLEGE BUIES CREEK, NORTH CAROLINA 27506

Department of
Geology

November 9, 1970

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

Dear Dr. Traverse,

Thank you for your letter indicating an interest in the Triassic materials which I have.

Ted Delevoryas did mention to me the fact that he talked with you at the Indiana meeting. I told him that I would be happy to collaborate with you if my friend Dr. Ulrich Jux at the University of Cologne was not interested.

In the meantime Dr. Jux and I have worked out an agreement and have been successful in recovering fossil pollen and spores from these materials.

I wish it were possible for me to work with you but I am afraid I have a prior committment. I shall however be happy to share materials with you a little later and will send you copies of anything we publish.

Again let me say thank you for your interest.

Sincerely,

Robert C. Hope

Robert C. Hope
Associate Professor of Geology

RCH: sbg

Hunt Institute for Botanical Documentation

November 3, 1970

Professor Robert C. Hope
Department of Geology
Campbell College
Buie's Creek, North Carolina 27506

Dear Professor Hope:

As Ted Delevoryas may have told you, I talked with him at the Bloomington AIBS meeting of my interest in Triassic spores and pollen, and he has written me that you would be willing to have me look for polliniferous rocks in the areas in which you and Ted have been investigating, the megafossil plants. As Ted, I believe, has emphasized to you, I have relatively little interest in the megafossils, but I like to work on microfossil locations which are tied in with megafossil work and other aspects of paleobotany and geology, because I feel that this increases the possibility of doing productive work. My teaching schedule during the fall term is relatively light, and the best time for me to make a foray into your part of the country would be fairly soon. Is it ever possible for you to get into the field other than on weekends? What would be most convenient for me would be to drive to North Carolina on a Sunday, spend Monday in the field, and return here on Tuesday. I mean that would work out best as far as my schedule is concerned.

Let me know your preliminary reaction, and I will phone you to discuss details. Looking forward to meeting you, I am

Yours very truly,

Alfred Traverse
Professor of Geology and Biology

AT:gbm

Hunt Institute for Botanical Documentation

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30 January, 1995

Dr. Sally P. Horn
408 Geography and Geology Bldg.
University of Tennessee
Knoxville, TN 37996-1420

Dear Colleague:

Just read in AASP Newsletter the abstracts of the Rodgers and Northrop M. Sc. theses done under your direction. As you know, although I have so far published almost nothing, I am active in similar studies in Honduras and Guatemala. Can I borrow the two theses through ILL services of our library? If UT doesn't permit such, could I borrow them through you? I would promise to return promptly.

I have funding for a project in Honduras in cooperation with my former student, Dave Rue (who did publish parts of his Ph. D. thesis--on Copan, Honduras). All of the current activities here have to do with palynological evidence for Mayan cultural history.

Best wishes.

Yours very truly,

Alfred Traverse

Hunt Institute for Botanical Documentation

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Phone: (814)863-3419; Fax: 814-863-7823
E-Mail: traverse@ems.psu.edu
9 September, 1994

Dr. Sally P. Horn
Department of Geography
408 Geography and Geology Bldg.
University of Tennessee
Knoxville, Tennessee 37996-1420

Dear Dr. Horn:

Thanks very much for the publications, which I am sure will be helpful with my ongoing work on Central American cored material. So far, all of these projects have been done on a consulting basis, largely for archaeologists. Although I get acknowledged, there have so far been no Traverse publications out of it. The current project in Guatemala is a joint effort with a former student of mine, who is now an executive in an archaeological salvage outfit here. I'll certainly send you reprints if and when I get out something.

According to your card in my file, I've never sent you a reprint, so I send a couple herewith. I doubt that you are very interested in most of my paleopalynology. You probably know my book, Paleopalynology, which, speaking of libraries, I hope UT has! (I am working on a second edit.) You would find some things of interest in my new book, Sedimentation of Organic Particles (Cambridge Univ., 1994).

Best regards.

Yours very truly,

Alfred Traverse

encl:reprints

Hunt Institute for Botanical Documentation

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BITNET: UTKGEOG@UTKVX
INTERNET: UTKGEOG@UTKVX.UTK.EDU

30 August 1994

Dear Dr. Traverse,

Thank you for your interest in my work. I have enclosed the paper or papers that you requested. If you are also working in this area, I would appreciate hearing about your research and receiving copies of your publications.

Sincerely,

Sally Horn

Sally P. Horn
Associate Professor

Hi!

Brenesia is the journal of the National Museum of Costa Rica. Universities with active programs in tropical ecology ought to get it — price is very reasonable! (Even UT gets it so it can't be that obscure! ☺)

Good luck with your Central American work — please keep me posted.

Hunt Institute for Botanical Documentation

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24 August, 1994

Dr. Sally P. Horn
408 Geography & Geology Building
University of Tennessee
Knoxville, TN 37996-1420

Dear Dr. Horn:

I just misspent a half-hour with our librarian trying to figure out where we could borrow Brenesia 25-26, pp. 33-44, in order to get "Key to Quaternary Pollen of Costa Rica," by one S. P. Horn. I need it in in connection with projects in Honduras and Guatemala. Now there's an obscure journal, apparently. Finally, I said, I bet that's Sally Horn at UTenn--I've been in touch with her.

Do you have a reprint of that article, or failing that, could you make me a xerox? I have the impression that interlibrary loan may take an age or even not work.

Best regards.

Yours very truly,

Alfred Traverse
Professor of Palynology

Hunt Institute for Botanical Documentation

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

faxed to 001-615-974-6025

30 April, 1992

Dr. Sally P. Horn
Dept. of Geography
408 Geography-Geology
UT-Knoxville 37996-1420
TN, U.S.A.

Dear Dr. Horn:

What with German rail and post strikes, your letter of 16 March directed to PSU took a long time to get here! I'm on sabbatical at the Senckenberg Museum until July. I really wish the secretary at home had opened the package and kept the slide. However, it came through o.k., and I lost none that were shipped here in the first place, so it'll be o.k. Thanks! Nice slide. (For future reference, I find that the safest way is to put the slide-holder in a small box with styrofoam "worms" on all sides. I've never lost even one that way--and I ship many slides! Padded envelopes don't always work--the cancelling machines must have enormous pressure.)

I guess I told you about my experience on a consulting project in connection with bee-foraging in Costa Rica. I identified abundant Ficus pollen including some very like your F. glabrata. As my clients pointed out, there must be other moraceous (etc.) plants making such, because bees apparently don't collect Ficus pollen.

The Petexbatun pollen work is on hold until I get back next July. I'll remember your interest. Thanks for the reprint, which I read with admiration for your industry.

Best wishes.

Yours very truly,

Alfred Traverse

AT/et

Hunt Institute for Botanical Documentation

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BITNET: UTKGEOG@UTKVX

16 March 1992

Dr. Alfred Traverse
Department of Geosciences
435 Dieke Building
University Park, PA 16802

Dear Dr. Traverse:

Please excuse my long delay in getting back to you. I did make you a Ficus reference slide while in Berkeley last summer, but it was mixed in with a few hundred other slides and it took my technician this long to get them all labelled! Anyway, here at last is the slide, for you to keep. The sample is part of the pollen collection of the UC Museum of Paleontology; I prepared it when I was a Berkeley graduate student, from material in the UC Herbarium.

The pollen on the slide fits the "lozenge-shaped" diporate morphology. I believe that you are correct that some Ficus pollen is more spherical, and may have more than two pores. In my sediment samples, I only count as Ficus grains that are lozenge-shaped; Ficus pollen that doesn't fit that description would be classed as Urticales-diporate (or Urticales-triporate). Unless there is another related plant that produces the lozenge-shaped grains, I am likely being conservative in my identifications.

Tim Beach recently sent me a paper about the Petexbatun Archaeology Project, and I was interested to see that you are working on the pollen samples. Are you finding cultigens? I hope that you will keep me informed of your results, which may have some bearing on work I am doing in Costa Rica.

I have enclosed a recent paper, which may be of some interest.

Best regards,

Sally Horn

Sally P. Horn
Assistant Professor

P.S. I enjoyed the article about you in the most recent AASP newsletter! Your lab set-up sounds rather impressive; perhaps some day I will be in the area and can stop by for a tour.

Hunt Institute for Botanical Documentation





STUDY THE LONG-TERM HISTORY OF COSTA RICAN RAINFORESTS

A GRADUATE RESEARCH ASSISTANTSHIP is available in the Department of Geography, University of Tennessee, Knoxville, to conduct research in tropical paleoecology with Dr. Sally Horn. Project seeks to reconstruct the history of forest clearance, agriculture, fires, and other human and natural disturbances in Costa Rican rainforests based on analyses of pollen grains and other microfossils in sediment cores from lakes and swamps. Requirements: B.S./B.A. or M.S./M.A. in geography, geology, biology, ecology, or related field, and admission to the graduate program in Geography. Relevant laboratory or field experience helpful but not required. Student will have the opportunity to write M.S. or Ph.D. thesis on some aspect of the research. This is a 2-year position with possibility of extension. The preferred starting date is August, 1991. Interested applicants should immediately contact Dr. Sally Horn, Department of Geography, University of Tennessee, Knoxville, Tennessee 37996-1420. Phone: (615) 974-2418. FAX: (615) 974-6025. E-mail: shorn@utkux1.utk.edu. UTK is an EO/AA employer.

Hunt Institute for Botanical Documentation

September 9, 1970

Dr. Harry T. Horner
Department of Botany
Iowa State University
Ames, Iowa 50010

Dear Harry:

Good to see you again at Bloomington. The person whom you should write about the sporopollenin conferences is:

Dr. Marjorie Muir
Murchison Museum--Geology Department
Royal School of Mines
Prince Consort Road
London, S.W. 7, England

Marjorie, I am sure will send you information about the conference. I have several brochures about it somewhere in the pile of untended correspondence on my desk, but I believe the best thing for you to do is to write to Marjorie directly.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT:kc

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF TENNESSEE
KNOXVILLE

College of
Liberal Arts

Department of
Geography

May 23, 1991

Dear Dr. Traverse:

I would very much appreciate it if you would post this annoucement and bring it to the attention of students who may be interested. The stipend is competitive, and tuition is covered. A later starting date may be negotiable.

Thank you for your assistance.

Sincerely,

Sally Horn

Thank you for your continuing interest in Ficus. I will get you a slide in June from the Berkeley collection.

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Hunt Institute for Botanical Documentation

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7 May, 1991

Dr. Sally P. Horn
408 Geography & Geology Building
University of Tennessee
Knoxville, TN 37996-1420

Dear. Dr. Horn:

Yours of 22 April re Ficus pollen just in--hope this isn't boring you! I'm beginning to get really interested in the whole question. Pollination of Ficus is a strange business itself. So, yes, if you can get a reference slide of Ficus for me, I'd love it--with complete data on origin of the preparation, of course. I'll reciprocate, if you want a slide of our preparation, also with complete data.

Best regards.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF TENNESSEE
KNOXVILLE

College of
Liberal Arts

Department of
Geography

22 April 1991

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

Dear Dr. Traverse:

Thank you for your letter and for Erdtman's Ficus illustration.

What seems to be the case is that Ficus produces more than one type of pollen. As far as I know, Quaternary palynologists working in Latin America only identify the diporate, psilate, elongate or lozenge-shaped grains as Ficus. If I were to see a grain that was shaped as the grain in the Erdtman drawing, I would class it as URTICALES, because it could also belong to another taxa in the Moraceae, or even in the Urticaceae family.

I didn't explain this in the note, and should have. My experience has only involved the diporate, lozenge-shaped grain. But other Ficus types apparently do exist, and I appreciate your having reminded me of that. A footnote in a recent paper by Bush and Colinvaux provides some additional information. I have enclosed a copy of the relevant page.

The reference material of Ficus that I have examined is in Berkeley. I'll be out on the west coast in June, and will take another look at the samples. I'll also make a slide to send to you.

Thank you for your interest and your useful comments on the paper.

Best regards,

Sally Horn

Sally R. Horn
Assistant Professor

408 Geography and Geology Building / Knoxville, Tennessee 37996-1420 / (615) 974-2418

Hunt Institute for Botanical Documentation

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17 April, 1991

Dr. Sally P. Horn
408 Geography & Geology Building
University of Tennessee
Knoxville, TN 37996-1420

Dear Dr. Horn:

Thanks for yours of 4 April.

I enclose one of the few published illustrations of Ficus pollen by a very reputable guy--that species he says is 2-4 porate, but he illustrates a 3-pored grain!

Have you made reference slides of Ficus? If so, I'd like to trade our species (not the beehive form, but from a herbarium sheet) for one of yours.

Best regards.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et
encl: xerox from Erdtman's Pollen Morphology and Plant Taxonomy

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF TENNESSEE
KNOXVILLE

College of
Liberal Arts

Department of
Geography

April 4, 1991

Dr. Alfred Traverse
Palynology Laboratories
Department of Geosciences
The Pennsylvania State University
435 Dieke Building
University Park, PA 16802

Dear Dr. Traverse:

Thank you for sending the hive residue, which arrived today.

I agree that your slide contains a pollen type in the Urticales group. But I wouldn't call it Ficus. Some fig pollen is triporate (as are most of the grains on the slide), but the classic fig pollen type is elongate (oblate) with flattened ends and two pores, one on each end. That is the only type that I call Ficus in my work.

It is quite unusual to find Ficus, but I think it is possible. I have only found the occasional grain. But in the Amazon, Colinvaux and his colleagues have found it in abundance.

Thank you very much for your interest. It is always a pleasure to get feedback on a paper. I appreciate your having sent the pollen slide, and if it is still okay with you I will take you up on the offer of keeping it. And I will keep working on the problem of Urticales pollen identification. Your comments about possible hazards with fig pollen are well-taken.

Best regards,

Sally Horn

Sally P. Horn
Assistant Professor

cc: William Ramirez

408 Geography and Geology Building / Knoxville, Tennessee 37996-1420 / (615) 974-2418

Hunt Institute for Botanical Documentation

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1 April, 1991

Dr. Sally P. Horn
408 Geography and Geology Building
University of Tennessee
Knoxville, TN 37996-1420

Thanks for yours of 26 March. I don't have a copy of my other letter at hand, but I probably told you that I did a consulting job in 1985-86 involving (honeybee)hive residues from Costa Rica. I had one of my more gifted graduate students help me. One pollen form he frequently encountered was 2-3 porate, obviously with Moraceae-Urticaceae-Cannabidaceae affinity. In my reference collection it best matched some specimens of a couple of species of Ficus, though they were more weighted to diporate. I believe I reported to you that I now know they can't be Ficus. What I wanted to call to your attention is that there's quite a range of forms in Ficus spp., and it seems to overlap with other Moraceae, etc. Therefore, as fossil Ficus is for life-cycle reasons pretty unlikely, one should first "rule out" other possibilities.

I enclose a slide of a Costa Rican hive residue preparation in which the pollen analysis was 100% these diporate-triporate forms. You may keep the slide. Your comments would be interesting.

Best regards.

Yours very truly,

Alfred Traverse
Professor of Palynology

P.S. Congratulations to your women's basketball team--they are sensational! We were crushed that our team lost in the 2nd NCAA round, but perhaps we'll meet yours next year!

AT/et
encl: slide

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF TENNESSEE
KNOXVILLE

College of
Liberal Arts

Department of
Geography

March 26, 1991

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

Dear Dr. Traverse:

I just returned from a month's field work (lake coring, mostly) in Costa Rica, and found your letter with the interesting comments about Ficus-type pollen. Thank you very much for sharing your observations on beehive residue with me. Perhaps you are right that there is some other Moraceae-Urticaceae plant that is producing pollen that I am confusing with Ficus. But I have yet to come across a Ficus-type pollen grain outside of the genus, and I haven't seen descriptions or photographs of such a pollen type in any taxonomic treatments.

Could there be any way that a beehive pollen sample could contain actual Ficus pollen? Perhaps pollen-bearing fig wasps, or fig wasp predators, were for some reason attracted to the hive. I really don't know, but my co-author William Ramirez, who is the fig wasp expert, might be able to shed some light on the issue. I will send him a copy of your letter and ask for his comments, and I will let you know what he thinks.

Would you happen to have any samples left of the beehive residue containing Ficus-type pollen? If so, I would be very interested in taking a look for myself. I am continuing to work on a number of sediment cores from the neotropics, and I would like to resolve the Ficus-type pollen issue, since the type will probably continue to show up in my cores.

Thank you very much for your interest. I'll be back in touch.

Sincerely,

Sally Horn

Sally P. Horn
Assistant Professor

408 Geography and Geology Building / Knoxville, Tennessee 37996-1420 / (615) 974-2418

Hunt Institute for Botanical Documentation

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

12 February, 1991

Sally P. Horn
Dept. of Geography & Graduate Program in Ecology
University of Tennessee
Knoxville, TN 37996-1420

Dear Friend:

Just read your Ficus paper in Palynology. Reminded me of a consulting project of mine from several years ago. I analysed residues from beehives in Costa Rica, looking mostly for evidence of Theobroma pollen. However, many hives contained abundant pollen that from my reference materials had to be Ficus. But that seemed impossible. I formed the hypothesis that there is another sort of Moraceae-Urticaceae down there with Ficus-like pollen that is providing the diporate "Ficus" pollen. Comment?

Best wishes.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Hunt Institute for Botanical Documentation

IOWA STATE UNIVERSITY
of Science and Technology
AMES, IOWA 50010

Department of Botany and Plant Pathology

September 23, 1968

Dr. Alfred Traverse
Department of Geology-Geophysics
Pennsylvania State University
University Park, Pennsylvania 16802

Dear Dr. Traverse:

I'm sorry we did not have an opportunity to visit at A.I.B.S. after your paper, "What is Sporopollenin?". As I briefly mentioned to you, I have been working on the morphogenesis of sporopollenin in several members of the Embryophyta. Even though the spores appear to produce their own for-wall formation, there are many taxa in which sporopollenin is also formed by the surrounding tapetal cells. The cellular mechanisms by which it is produced and secreted are still somewhat vague.

Even though earlier reports have implicated mitochondria, I think the mechanism will eventually be shown to be the Golgi apparatus and possibly the endoplasmic reticulum. Our ultrastructure work points in this direction as does the biochemical phase of it.

You mentioned that your work had or was just about to be published. I would certainly appreciate receiving a reprint of it and any other related work already out. I hope we can get together sometime in the future.

Sincerely,

Harry T. Horner, Jr.

Harry T. Horner, Jr.
Assistant Professor

HTH:lkj

Hunt Institute for Botanical Documentation

September 19, 1968

Dr. H.T. Horner, Jr.
Department of Botany
Iowa State University
Ames, Iowa 50010

Dear Jack:

I am very sorry that we somehow failed to make contact at the AIBS meetings after you were so kind as to look me up.

It was my firm intention to hear your paper and arrange some sort of get together afterwards. However, I found myself being put on an important (?) committee of the Paleobotanical group at their business meeting--the luncheon session carried over until it was too late to make it to your session. After that things really got complicated (I had a minor auto accident--a fellow ran into me broadside while I was stopped at a red light--and other things happened.).

The absgract of your paper is very interesting. I was hoping to hear in somewhat more detail what you conceived your "monomers" as being, chemically.

I still have much interest in this field--whether I will have time here to work on the interest is another matter! But I would like to hear more from you on what you are doing, and I am very glad to have some sort of rapport with you.

Best wishes.

Yours very truly,

Alfred Traverse
Associate Professor of Geology

AT:kwc

Hunt Institute for Botanical Documentation

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

30 January, 1996

Prof. Dr. Aharon Horowitz
173 Hebron Rd.
93430 Jerusalem, Israel

Dear Aharon:

Congratulations on your (overdue) promotion, and thanks for totally unexpected marvellous gift of three bottles of Israeli wine, which will be a novel experience for Betty and me.

We just got back from a month's trip in our new diesel truck. We took my collection of fossil plants and attendant notes and literature to my former student, Nan Arens, who is now professing paleobotany at the University of California, Berkeley. Along the way we visited Grand Canyon, Petrified Forest, Death Valley and much more.

When I walked back into the office the other day there was naturally a huge heap of mail. One item was from an official from your university informing me of your promotion (because I was one of the referees). Another was a note from you about the same matter, and then (just opened five minutes ago) there was this large box from Horowitz, that I thought might contain some Israeli herbarium specimens, or whatever. The wine was a total surprise. I am going to keep the box for reuse, as it is clearly a winner--the package was absolutely as you must have wrapped it. Thank you very much! (Are the styrofoam wine blocks readily available?)

As you perhaps know, I formally "retired" on 30 June, 1995. My research projects go on. I can also teach palynology if I wish, but last year's class was so poor that at the moment I am considering using my time to better advantage.

I enclose some reprints that according to my card I have never sent you.

It is to be hoped that we will meet somewhere again. You are always welcome here. I am not much for meetings--e. g., I don't plan to attend the one in Houston this summer. I prefer to see people in their own surroundings on a 1:1 basis. Who knows, I might pop up in Israel some day (probably in our dreadful wintertime!).

All the best.

encl: reprints

Hunt Institute for Botanical Documentation

TEL AVIV UNIVERSITY אוניברסיטת תל-אביב

RAYMOND AND BEVERLY SACKLER FACULTY OF EXACT SCIENCES
DEPARTMENT OF GEOPHYSICS AND PLANETARY SCIENCES

הפקולטה למדעים מדוייקים ע"ש ריימונד ובברלי סאקלר
החוג לגיאופיסיקה ולמדעים פלנטריים

4th January 1996

Professor Alfred Traverse
Department of Geosciences
Pennsylvania State University
435 Deike Building
University Park, PA 16802
USA

file

Dear Prof. Traverse,

I would like to inform you with great pleasure that Prof. Aharon Horowitz received his promotion to Full Professor in the Department of Archaeology, Tel Aviv University. Your assistance was of great importance and your kind efforts are much appreciated.

Yours sincerely, Happy New Year!!

A. F. Flexer

Prof. Akiva Flexer
Chairman Ad hoc Committee for Promotion

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Hunt Institute for Botanical Documentation

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RAYMOND AND BEVERLY SACKLER FACULTY OF EXACT SCIENCES
DEPARTMENT OF GEOPHYSICS AND PLANETARY SCIENCES

הפקולטה למדעים מדוייקים ע"ש ריימונד ובברלי סאקלר
החוג לגיאופיסיקה ולמדעים פלנטריים

14th March 1995

Confidential

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

Dear Prof. Traverse,

Thank you for your letter dated 22 January, 1995 concerning the promotion of Prof. Aharon Horowitz to the rank of Full Professor.

I greatly appreciate your assistance in this matter.

Yours sincerely,

A. Flexer

Prof. Akiva Flexer
Chairman, ad hoc Committee
for Promotions

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UNIVERSITY CAMPUS, RAMAT AVIV, 69978 TEL AVIV, ISRAEL. TEL. 972-3-6408633, 6409280; FAX. 972-3-6409282

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435 DEIKE BUILDING
UNIVERSITY PARK, PA 16802, USA
Phone: (814)863-3419; Fax: 814-863-7823
E-Mail: traverse@ems.psu.edu

22 January, 1995

Prof. Akiva Flexer
Chairman Ad hoc Committee for Promotion
Department of Geophysics, etc.
Tel Aviv University
University Campus, Ramat Aviv
69978 Tel Aviv, Israel

file

Dear Prof. Flexer:

This is in response to yours of 10 Jan., 1995, re the promotion to Full Professor of Prof. Aharon Horowitz.

Dr. Horowitz is well known to me, from contacts at international meetings, from his visits to this campus, and from his voluminous publications in our mutual field.

Prof. Horowitz's recent book on the palynology of arid lands sits on my desk at the moment, and I have learned a lot from it. It is only the latest in a long series of publications by Aharon that place him in the upper echelons of our profession. One of the notable things about his work is the diversity of the coverage. While he is perhaps best known for his contributions to archeologically related palynology, there are also publications in many other sub-fields, from Triassic palynostratigraphy to palynological techniques, and many other things. I think that with a limited number of palynological laboratories in your country, it is good to have a true generalist in one of them. Aharon is the man in Israel who could best address practically any palynological problem, from pollen allergy problems, to a difficult stratigraphic question.

If Dr. Horowitz were at an American university of high quality, he surely would be a full professor. About his teaching ability I can only guess from his personality, which is very engaging, and from papers I have heard him give, that he would be good. He is withal, a very nice fellow to be around.

I can't imagine your turning AH down for this final promotion, unless there is something about him that has escaped my attention!

Best wishes to you, your university, and your marvellous little country!

Yours very truly,

Alfred Traverse

Hunt Institute for Botanical Documentation

TEL AVIV UNIVERSITY אוניברסיטת תל-אביב

RAYMOND AND BEVERLY SACKLER FACULTY OF EXACT SCIENCES
DEPARTMENT OF GEOPHYSICS AND PLANETARY SCIENCES

הפקולטה למדעים מדוייקים ע"ש ריימונד ובברלי סאקלר
החוג לגיאופיסיקה ולמדעים פלנטריים

Confidential

10th January 1995

Professor Alfred Traverse
Department of Geosciences
Pennsylvania State University
435 Deike Building
University Park, PA 16802
USA

Dear Prof. Traverse,

We are considering the promotion of Prof. Aharon Horowitz to the rank of Full Professor in the Department of Archaeology. Prof. Horowitz already has a tenure in the university. His Curriculum Vitae and List of Publications are enclosed.

We should be most grateful for your advice and assistance. In particular we welcome your detailed opinion of Prof. Horowitz's research achievements, with emphasis on his work since his last promotion.

We should further appreciate it if you would compare Prof. Horowitz to his peers and tell us whether, in your view, he merits an equivalent position in a university of high standing. We especially value your willingness to be specific on these points.

It would be very helpful to us if, in making your evaluation, you would take into account the structure of ranks at Tel Aviv University: Lecturer, Senior Lecturer, Associate Professor, and Full Professor. All these ranks carry or may lead to tenure. The rank of Lecturer is equivalent to that of Assistant Professor in most American Universities. The rank of Senior Lecturer overlaps the ranks of Assistant and Associate Professor in the United States and therefore includes senior Assistant Professors and junior Associate Professors. The rank of Associate Professor at Tel Aviv University parallels the ranks of senior Associate Professors and beginning Professors in the United States. Associate and Full Professorships are considered to

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be the senior faculty ranks and imply a high level of attainment and an ability to guide the work of junior scholars. The Full Professorship implies a capacity for leadership in academic activities and international standing in research.

Finally, if you happen to know the candidate personally, we should be grateful for your opinion regarding his teaching ability, character, cooperation with colleagues, and administrative efficiency.

Needless to say, your reply will be treated as highly confidential.

Should you require copies of Prof. Horowitz's publications, we shall gladly mail them to you.

Yours sincerely,

A. Flexer

Prof. Akiva Flexer
Chairman Ad hoc Committee for Promotion

Hunt Institute for Botanical Documentation

Aharon Horowitz
January 5th, 1995

Prof. Alfred Traverse
Department of Geosciences
Pennsylvania State University
435 Deike Building
University Park, PA. 16802
U. S. A.

Dear Al:

I am now in the midst of proceedings for my possible promotion to a full professorship. I would appreciate if I could bother you by including your name on a list of referees that I have to hand the committee.

If you agree, could you please fax back at your earlier convenience to +972-2-439736, or through e-mail:
HOROWITZ@MD2.HUJI.AC.IL

e-mail sent
6-I-95

sincerely yours,

Aharon

Aharon

Hunt Institute for Botanical Documentation

TEL AVIV UNIVERSITY
FACULTY OF HUMANITIES

אוניברסיטת תל-אביב
הפאקולטה למדעי הרוח

December 4, 1986

Professor Alfred Traverse
Palynological Laboratories
College of Earth and Mineral Sciences
The Pennsylvania State University
University Park, Pennsylvania 16802
USA

Dear Professor Traverse,

Thank you very much for your letter dated 24 October 1986.

Your evaluation of Professor Horowitz's scholarly achievements will be of much help to our Committee.

Sincerely yours,

Prof. L. Fishelson

קרית האוניברסיטה. רמת־אביב. תל־אביב 69978. ת.ד. 39040. טל. 420111. טלקס 32227
TEL AVIV UNIVERSITY, RAMAT-AVIV, 69978 TEL-AVIV, TEL. 420111, P.O.B. 39040, TELEX 32227, VERSY IL., CABLE VERSITY T.A.

Hunt Institute for Botanical Documentation

24 October, 1986

Prof. L. Fishelson
Dept. of Zoology
Faculty of Life Sciences
Tel Aviv University
Tel Aviv, Israel

CONFIDENTIAL

Dear Dr. Fishelson:

Yours of 23 September regarding the possible promotion of Dr. A. Horowitz is in hand.

Dr. Horowitz is well known to me, both professionally (from publications and from contact at international meetings) and personally. When he and his wife visited Penn State some years ago I spent considerable time with him.

Aharon is a very nice, warm-hearted man whom I've always liked personally. He makes a handsome personal appearance, and I regard that as no handicap. I have had no direct connection with his teaching, but his talks at international meetings have always been clearly and well presented. I would guess that he does equally well in the classroom.

Dr. Horowitz's research is especially notable for its great diversity. I know of nobody in our field whose publications range over such a broad spectrum of subjects, though he is best known for contributions to Neogene palynology and geology. Much of what is known about Neogene paleoclimates of the eastern Mediterranean stems to some degree from Aharon's work. We are all looking forward to his forthcoming further work on the Neogene of Israel. His ventures into Mesozoic and Paleozoic palynology are significant contributions, but not as important or as unique as his Neogene work. Yet I think they would make him a more interesting person in a country with relatively little palynological effort. Horowitz is certainly the best known palynologist in the whole eastern Mediterranean area, and if he were being considered for promotion here at Penn State he would certainly be regarded as having produced enough and having displayed enough promise of future distinction to merit a full professorship. I would recommend him without reservation.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Hunt Institute for Botanical Documentation

TEL AVIV UNIVERSITY
FACULTY OF HUMANITIES

אוניברסיטת תל-אביב
הפאקולטה למדעי הרוח

September 23, 1986

Prof. A. Traverse
Department of Geosciences
Pennsylvania State University
University Park, Pennsylvania 16802
U.S.A.

Confidential

A. Horowitz

Dear Professor Traverse,

We are considering the promotion of Prof. A. Horowitz to the rank of (Full) Professor in Palynology and Geology in the Department of Archaeology and Ancient Near Eastern Cultures. Prof. Horowitz already has tenure in the University. His Curriculum Vitae and List of Publications are enclosed.

We should be most grateful for your advice and assistance. In particular we welcome your detailed opinion of Prof. Horowitz's research achievements, with emphasis on his work since his last promotion.

We should further appreciate it if you would compare Prof. Horowitz to his peers and tell us whether, in your view, he merits an equivalent position in a university of high standing. We especially value your willingness to be specific on these points.

It would be very helpful to us if, in making your evaluation, you would take into account the structure of ranks at Tel-Aviv University: Lecturer, Senior-Lecturer, Associate Professor and Full Professor. All these ranks carry or may lead to tenure. The rank of Lecturer is equivalent to that of Assistant Professor in most American Universities. The rank of Senior Lecturer overlaps the ranks of Assistant and Associate Professor in the United States and therefore includes senior Assistant

/2

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Professors and junior Associate Professors. The rank of Associate Professor at Tel-Aviv University parallels the ranks of senior Associate Professors and beginning Professors in the United States. Associate and Full Professorships are considered to be the senior faculty ranks and imply a high level of attainment and an ability to guide the work of junior scholars. The Full Professorship implies a capacity for leadership in academic activities and international standing in research.

Finally, if you happen to know the candidate personally, we would be grateful for your opinion regarding his teaching ability, character, cooperation with colleagues, and administrative efficiency.

Needless to say, your reply will be treated as highly confidential.

Should you require copies of Prof. Horowitz's publications, we shall gladly mail them to you.

Yours sincerely,

Professor Lev Fishelson
Ad hoc Committee on Promotion of Prof. A. Horowitz

P.S. Please forward your answer to Prof. L. Fishelson, Department of Zoology, Faculty of Life Sciences, Tel Aviv University, Israel.

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Hunt Institute for Botanical Documentation

TEL-AVIV UNIVERSITY
INSTITUTE OF ARCHAEOLOGY

אוניברסיטת תל-אביב
המכון לארכיאולוגיה

Aug. 9, 1983

Dr. Alfred Traverse
College of Earth and Mineral Sciences
The Pennsylvania State University
Deike Building
University Park, PA. 16802

Dear Al:

Thanks for your letter and the reprints - no, I somehow have not received them before.

It will probably take quite some time before the Jordan Valley project is completed, but when I have results I shall let you know.

Sincerely yours,

Sharon

RAMAT-AVIV, TEL-AVIV Tel. 420703, 420417 טל. רמת-אביב, תל-אביב

Hunt Institute for Botanical Documentation

אוניברסיטת תל-אביב
המכון לארכיאולוגיה

24 May, 1983

Dr. Aharon Horowitz
Tel Aviv University
Institute of Archaeology
Ramat-Aviv
Tel-Aviv, Israel

Dear Aharon:

Thanks for your good letter. Good to have contact with you again! I'm not sure what paragraph 3 means, however. Did I not send you reprints? My card on Horowitz says I did (#37,38), but I am sending herewith additional copies, in case the originals misfired. I'd enjoy seeing the Jordan Valley study. I am working some more on the Black Sea cores, but it goes slowly because of other duties.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et
encl: reprints

Hunt Institute for Botanical Documentation

TEL-AVIV UNIVERSITY
INSTITUTE OF ARCHAEOLOGY

אוניברסיטת תל-אביב
המכון לארכיאולוגיה

May 5, 1983

Dr. A. Traverse
Department of Geosciences
Penn State University
University Park, PA 16802

Dear Al:

Thank you very much for the interesting papers you sent me. Indeed, the one about the "Ultimogene" came right on time, because I am now in the process of analyzing several deep boreholes in the Jordan Rift Valley, that had penetrated exactly this time span.

Needless to say, I do agree with you in this respect - the definition of your Ultimogene and the separation between this stage and the earlier time. We get similar results in pollen spectra from Israel for this period.

I would be grateful if you could send me all the palynologic and possibly other information you acquired from the Black Sea concerning this time span. When my study of the Jordan Valley is finished I shall let you have it, and maybe we could even discuss some of the points prior to publication.

Yours sincerely,

Aharon Horowitz

RAMAT AVIV, TEL-AVIV Tel. 420703, 420417 טל. רמת-אביב, תל-אביב

Hunt Institute for Botanical Documentation

TEL-AVIV UNIVERSITY
INSTITUTE OF ARCHAEOLOGY

אוניברסיטת תל-אביב
המכון לארכיאולוגיה

Horowitz

May 7, 1974

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

Dear Al,

Thank you very much for the two letters of April 17, 1974. Of course, as you correctly guessed, the Discisporites is named in your honour (the rossignoli, by the way, was not named by myself). Of course you will be welcome in our home whenever you arrive, which I am sure you know even without the written communication. However, next year I intend to spend some time with Van Zinderen Bakker at his laboratory in South Africa, but I do not know the dates yet (and the political situation). At any rate, Michal will most probably be here to welcome you. I hope not to miss you.

Best regards to Betty,

Yours,

Aharon

RAMAT-AVIV, TEL-AVIV TEL. 416111 טל. רמת-אביב, תל-אביב

Hunt Institute for Botanical Documentation

April 17, 1974

Dr. Aharon Horowitz
Institute of Archaeology
Tel-Aviv University
Ramat-Aviv
Tel-Aviv, Israel

Dear Aharon:

Thank you so much for the copy of "Late Permian palynomorphs from southern Israel", which arrived recently. I get Pollen et Spores, but it is extremely useful to have a reprint for one's personal collection and use. You certainly do keep busy, which seems to prove that having other things on your mind from time to time doesn't prevent one from getting good work done. I naturally observed on page 328 the description of "Discisporites traversei". I am perhaps jumping to conclusions that the species is named for me--after all the word is a common root in the romance languages. However, I noticed some other personal specific epithets, such as rossignoli, and this emboldens me to think that I should be the subject of this honor. It's a cute little spore all right!

Should I receive funding, I intend to go to the International Botanical Conference in Leningrad in 1975. Political circumstances permitting, would I be welcome to visit you for a day or two on route?

Best wishes to you and Michal from Betty and me.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/vsi

Hunt Institute for Botanical Documentation

April 17, 1974

Dr. Aharon Horowitz
Tel-Aviv University
Institute of Archaeology
Ramat-Aviv
Tel-Aviv, Israel

Dear Aharon:

Since dictating an answer to the reprint I received a while back I have your letter of 3 April regarding the question of your promotion. You may certainly use my name as a "referee" for any purpose you would like. I have the highest opinion of the quality of your work and of you personally. I do hope that you get the promotion--it is, I am sure, a highly deserved one. As I said in the other letter, I am hoping to get a chance to see you on your own home base one of these years.

Very best wishes of the season to you and Michael.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/vsi

Hunt Institute for Botanical Documentation

TEL-AVIV UNIVERSITY
INSTITUTE OF ARCHAEOLOGY

אוניברסיטת תל-אביב
המכון לארכיאולוגיה

April 3, 1974

Dr. A. Traverse
Deapartment of Geology
529 Deike Building
Pennsylvania State University
University Park, Pennsylvania 16802

Dear Al:

In the course of procedure for the possible promotion from a Senior Lecturer, which is my present degree, to a degree of an Associate Professor, I might need a referee that will recommend it. It will, of course, be a formal letter from the University of Tel Aviv, accompanied by all the necessary details such as curriculum vitae, list of publications etc.

Could I give your name as such referee?

Best regards for you and your wife, also from Michal.

Sincerely yours,

Aharon

Aharon Horowitz

RAMAT-AVIV, TEL-AVIV TEL. 416111 טל. רמת־אביב, תל־אביב

Hunt Institute for Botanical Documentation

February 3, 1972

Dr. Aharon Horowitz
Institute of Archaeology
Tel Aviv University
Tel Aviv, Israel

Dear Aharon:

I was delighted and extremely impressed by the group of reprints from you which arrived the other day. The breadth of your interests staggers me! It was interesting to hear about the pollen and spore content of oil. You seem to have pinned down the Triassic origin of some of the hydrocarbon pretty well. I guess I may have to revise my skepticism about the Chepikof work. The other papers will also be of great interest to me, especially the ones on recent sedimentation in the eastern Mediterranean area and the paper on Jurassic sporomorphs.

Best wishes to you as always.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

Hunt Institute for Botanical Documentation

Walk about Zion,
and go round about her;
tell the towers thereof
(Psalms 48, 12)

Dec. 1971

to you & your wife

With best wishes
for the
Holiday Season
and a
Happy New Year

Horowitz

A HOLY LAND PUBLICATION BY LION THE PRINTER © SERIES No. 25 1945 PRINTED IN ISRAEL

Hunt Institute for Botanical Documentation

22 December, 1971

Dr. Aharon Horowitz
Institute of Archaeology
Tel Aviv University
Tel Aviv, Israel

Dear Aharon:

Thank you so much for your letter of December 6 and the slides which came with it. To my complete astonishment, two of these slides were also broken (that had never happened to me before with that type of a carrier!). However, neither of the breaks went through the coverslip, and I was able to repair the slides quite satisfactorily so that they are perfectly useful. I very much appreciate your courtesy and help in this matter -- what a nice Christmas present! It may be of interest to you that since I last wrote I had my wife experiment with attempting to recover the residues from the smashed coverslips of the previous shipment, and she was successful. The main problem was with the Scotch tape which you had put on top of the coverslips. However, we found that Scotch tape is quite soluble in acetone and were able to go on from there.

Both Betty and I are sorry to hear that Michal will not be with you for the end of the year festivities. That must be very hard on you. We send you our greetings for a happy holiday season and for a prosperous and peaceful 1972!

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/et

Hunt Institute for Botanical Documentation

אוניברסיטת תל-אביב
TEL-AVIV UNIVERSITY

December 6, 1971

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

Dear Al,

It seems like those slides were sent by me, though its the first time someone steps on them before they arrive. Anyway, enclosed are some other ones, sent back your way which may prove safer.

As to the address, the best one to use will be:

Aharon Horowitz (note the spelling)
Institute of Archaeology
Tel Aviv University
Tel Aviv, Israel

My wife's name spelling is Michal, which you guessed well. I am sorry not to forward your regards, as she is still at Case Western Reserve, Dept. of Biology, and will come back home only the end of January.

My best regards to you and your wife, and please forward also to Bob and Ruthy. Tell them also that if they need something they only have to let me know.

Sincerely yours,

Aharon

Horowitz

RAMAT-AVIV, TEL-AVIV TEL. 416111 קרית האוניברסיטה, רמת-אביב, תל-אביב, טל.

Hunt Institute for Botanical Documentation

November 18, 1971

Dr. A. Horowitz
Geological Surveyoof Israel
30 Malke Israel Street
Jerusalem, Israel

Dear Ahuron:

I am pretty sure that the above is not your correct address anymore, but it's what I haveiin my file, and I note that it is also what the AASP has in its current address list. I am also embarrassed that none of my sources tell me what the correct spelling for your first name is, and I am just guessing at what I have above!

I am pretty sure that the recent shipment of four slides which arrived here from Israel must have been a present from you: three species of Pistacia, and one olive. Unfortunately, I must communicate to you the very sad news that the slides were all smashed. I wonder if I could prevail on your goodness of heart a little bit further by asking for a repeat? I am enclosing with this letter a Clay-Adams slide mailer. If you will use it for mailing the slides I believe that they will certainly arrive safe and sound. Put under each slide a piece of facial tissue folded over a couple of times and cut to size. Put nothing on top of the slides. Please do not put cotton or scotch tape in contact with the cover slip. Put a couple of rubber bands around the outside of the slide mailer to keep it closed, and just send it in an ordinary envelope. I have shipped hundreds of slides this way and have only lost one or two. I do very much appreciate the gesture of your sending me the slides. Is there anything you would like from me in exchange?

Best wishes to Michael (spelling?) and yourself.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi
Enclosure: slide carrier

Hunt Institute for Botanical Documentation

CASE WESTERN RESERVE UNIVERSITY · CLEVELAND, OHIO 44106

216 · 368 · 3690

July 20, 1971

Dr. A. Traverse
The Pennsylvania State University
Departmrnt of Geology
Deike Building
University Park, Pennsylvania 16802

Dear Dr. Traverse,

I am presently a visiting assistant professor at Case Western Reserve University, working on some paleogeographic problems of the Permian with Dr. F.G. Stehli.

I plan to be in New York and Philadelphia in the beginning of August, and would like to visit your palynological laboratory. I shall be grateful if it is possible.

I am working mostly on palynological stratigraphy and paleoecology of the Permian and Triassic in Israel, and will be glad to meet people working on close subjects.

Sincerely yours,

A. Horowitz

Dr. A. Horowitz

Department of Geology

Hunt Institute for Botanical Documentation

September 11, 1970

Dr. A. Horowitz
Ministry of Development
Geological Survey of Israel
30, Malke Israel Str.
Jerusalem, Isarel

Dear Dr. Horowitz:

Thank you very much for your recent paper, "Palynological tracing of saline water sources in Lake Kinneret region (Israel)". This is a very interesting study as far as showing the application of studies of pollen in water, a subject that has long been of interest to me, as you probably know.

Thank you for keeping me informed of your activities.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT:kc

Hunt Institute for Botanical Documentation

February 28, 1968

Dr. A. Horowitz
Geology Department
Hebrew University
Jerusalem, Israel

Dear Dr. Horowitz:

From somewhere I have heard of work you are said to have done on palynology of marine recent sediments in the vicinity of Israel. If you have reprints, could I have one? I enclose a paper of mine that may be of interest to you.

Yours very truly,

Alfred Traverse
Associate Professor of Geology

AT:kwc

Enclosure: paper

Hunt Institute for Botanical Documentation

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

11 September, 1990

Dr. Charles L. Hosler
Sr. Vice-President for Research and Dean of the Graduate School
114 Kern
University Park, PA 16802

Dear Charlie:

OK, you asked for it!--xeroxes of the entire (fruitless) Traverse-Shuster correspondence re the idiotic taxing of "funny money," i.e. PSU tuition discount, enclosed.

Clearly, the simplest way (in my view) to get this idiocy stopped is to have PSU cease calling it a "discount" and begin calling it a different tuition rate (as for residents vs. non-residents). (I wonder how long it will be before IRS decides that our AARP discounts at motels are taxable?)

All the best.

Yours very truly,

Alfred Traverse

AT/et
encl

Hunt Institute for Botanical Documentation

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

I N T E R O F F I C E C O R R E S P O N D E N C E

Date: 22 March, 1990

From: Alfred Traverse, 435 Deike

To: Charles L. Hosler, 114 Kern

Re: Tuition rebate question

Did you ever make any progress on my suggestion that PSU could do a lot of good with a little creative wording of the tuition rebate for employees? The idea was that if it were stated as a different rate, not as a "discount", as it now is, IRS couldn't claim it to be ordinary income. If IRS could claim a difference in rate is ordinary income, surely the next thing is to tax all PA resident students for their discount vis à vis non-residents?!

I probably shouldn't bring up two things in one letter, but I'd also like to hear your view on how Penn State justifies having Budweiser Beer as an official sponsor of broadcasts of its athletic events, while at the same time seeking a "drug free environment" here. The broadcasts always state that they are a function of PSU, announcer selected by PSU, etc., so the official tacit endorsement seems clear.

Best wishes.

AT/et

Hunt Institute for Botanical Documentation

PENNSTATE

INTER-OFFICE CORRESPONDENCE

Senior Vice President for Research
and Dean of the Graduate School

Date: December 14, 1989

From: Charles L. Hosler

To: Alfred Traverse

Thanks for the newsletter on ethics. Your problem with the ex-graduate student is vexing, but I have no sage advice except that bit of wisdom that wisdom is defined as being able to recognize which things we cannot change, and those that we can change, and concentrating on the latter.

Hunt Institute for Botanical Documentation

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

I N T E R O F F I C E C O R R E S P O N D E N C E

Date: 15 November, 1989

From: Alfred Traverse, Professor of Palynology, 435 Deike

To: Charles L. Hosler, Sr. VP Research & Dean of the Graduate School, 114 Kern

Re: Recent Sigma Xi talk

Your talk at Sigma Xi was the only thing at that sorry affair that was up to snuff.

However, if you're going to dwell on that professors-who-steal-from graduate students stuff, #I insist that you tell a balanced story. Frequently it's graduate students who misuse professors. One of my Ph.D. products left here and published the essence of his dissertation with a Columbia professor as co-author. I appear nowhere. Another published almost all of his dissertation with a British palynologist as co-author. In both cases I thought up the project, did a fair share of the field work, and provided many of the ideas. I could relate a good many other stories--for example the Ph.D. student who never published any of his thesis. I had NSF money to support the work and desperately needed to get something out to establish credibility. The former student won't agree to my publishing it, even though he won't. And according to the dumb rules, he has sole copyright. What do I get out of these things? I think a much better case can be made that the present rules, especially as interpreted by folks with your attitude, in many cases favor graduate students to the detriment of professors.

All the best.

AT/et

Hunt Institute for Botanical Documentation

THE PENNSYLVANIA STATE UNIVERSITY
VICE PRESIDENT FOR RESEARCH AND DEAN OF THE GRADUATE SCHOOL
114 KERN GRADUATE BUILDING
UNIVERSITY PARK, PA 16802

C. L. Hosler
Vice President and Dean

Telephone:
814-865-2516
814-865-6331

June 2, 1987

Bureau of Nomenclature and
XIV International Botanical Congress-Berlin, 1987

Gentlemen:

This is to certify that Professor Alfred Traverse is the official delegate of The Pennsylvania State University to the XIV IBC Berlin 1987. Professor Traverse is specifically empowered to use during the deliberations of the Congress, and the Bureau of Nomenclature that precedes it, the institutional vote or votes granted to our University.

With all good wishes for the success of the Congress.

Very truly yours,

C. L. Hosler

Charles L. Hosler
Vice President for Research
and Dean of the Graduate School

Hunt Institute for Botanical Documentation

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
PALYNOLOGICAL LABORATORIES
435 Deike Building
University Park, PA 16802
(814)863-3419 or (814)865-6393

I N T E R O F F I C E C O R R E S P O N D E N C E

Date: 29 May, 1987

From: A. Traverse

To: C.L. Hosler, Jr.

Re: International Botanical Congress, July-Aug., '87

The letter I need for Berlin should read more-or-less as follows:

Bureau of Nomenclature and
XIV International Botanical Congress-Berlin, 1987

Dear Sirs:

This is to certify that Professor Alfred Traverse is the official delegate of the Pennsylvania State University to the XIV IBC-Berlin 1987. Professor Traverse is specifically empowered to use during the deliberations of the Congress, and the Bureau of Nomenclature that precedes it, the institutional vote or votes granted to our university.

With all good wishes for the success of the Congress, blah, blah....

Thanks!

AT/et

Hunt Institute for Botanical Documentation

14 Februayyy 1984

Alfred Traverse

C. L. Hosler

Re Spring Semester Commencement, 1984

My daughter, Celia (last of 'em) graduates at the end of this Semester. Doubtless there are other faculty kids in same situation. However, if there's a spot in the EMS "official party" for Commencement open, I'd appreciate consideration. Have fancy outfit, will travel.

Hunt Institute for Botanical Documentation

THE PENNSYLVANIA STATE UNIVERSITY
College of Earth and Mineral Sciences
INTER-OFFICE CORRESPONDENCE

Date: May 12, 1983

From: C. L. Hosler

To: W. Kling
C. Houser

This is to authorize the expenditure of $450 from the Matthew Wilson Faculty Aid Fund to build a vibration-free table for Dr. Traverse.

CLH:kb
cc: A. Traverse
S. Bradford

Hunt Institute for Botanical Documentation

Charlie -

Right you might be interested.

Al T.

CHARTERED 1693
COLLEGE OF WILLIAM AND MARY
DEPARTMENT OF GEOLOGY
WILLIAMSBURG, VIRGINIA 23185

August 8, 1983

Dear Al,

I thought you might like to see the enclosed clipping which was sent to me by our placement office. It makes a good case for palynologists.

Cheers,

Bruce Goodwin

Geology's A Growing Field

There are less than 10 graduating palynologists annually in the United States, yet by the end of the decade, these geologists will find hundreds of job openings.

According to *USA Today,* palynologists — examiners of samples used to determine oil drilling sites — will have anywhere from 400-500 employment opportunities by 1989.

In the latest occupational outlook tabloid, the United States Bureau of Labor Statistics reports that employment for geologists between 1980 and 1990 is "expected to grow faster than average as domestic mineral exploration increases."

Palynology requires an extensive scientific background. Since there are only 5,000 worldwide, salary scales are quite lucrative — ranging from $35,000 to $90,000 a year.

The gap is occurring because palynologists who were involved in oil research in the '50s will soon be retiring. Oil drilling reached a pinnacle in the 1950s and early '60s and educational institutions offering palynology attracted many students during the post-World War II period. Oil surpluses during the late 1970s changed all that, but it is projected that by 1986 any surplus will be eliminated.

OPEC has not reduced oil production. That's why we have a surplus. But surpluses are temporary, and soon we will have a problem of not having enough oil.

(The State News, February 17, 1983)

Al:
They may be right in spite of the erroneous statements. Drilling peaked in 81 and 82. The surplus showed up in 82. OPEC Did reduce production drastically.

Ch.

Hosler

Hunt Institute for Botanical Documentation

26 January, 1982

Alfred Traverse

C.L. Hosler

re: Short course at Stanford

As you can see from the enclosed copy of letter to Bill Evitt, I have signed up for the short course at Stanford, per our discussion. A letter from Professor Evitt subsequent to our conversation makes clear that the $975 is for slides, books, models, and the course. Transportation, lodging and meals are extra. As I mentioned in our conversation, I think it would be normal for me to pick up some part of the tab--for example,if you pay for the course and transportation, I could pay for the housing and meals? In any event, this will greatly enhance my credentials in paleopalynology, and I appreciate the College's willingness to help.

AT/et
encl: copy of letter to Evitt

P.S. The President of Stanford was an undergraduate advisee of mine at Harvard. Holy smokes!

Hunt Institute for Botanical Documentation

THE PENNSYLVANIA STATE UNIVERSITY
College of Earth and Mineral Sciences
INTER-OFFICE CORRESPONDENCE

Date: 7/28/80

From: C. L. Hosler

To: Alfred Traverse

The sabbatical is approved on the basis of the plan you submitted. These days the plan is only approved if the host institution has made a written commitment and the review panel views the experience as valuable professionally.

You don't have to go. You can cancel, but then you must reapply and go through the whole routine next November and we get word in February or March.

CLH:cj

Hunt Institute for Botanical Documentation

24 July, 1980

A. Traverse

C. Hosler

PERSONAL

Thanks for the good news re my pay!

The sabbatical isn't supposed to start until mid-November (after Fall Term), but I appreciate the good wished. I am concerned about it really--heard some negative things at the recent International Congress about my host's motives for having me. Hmmm.

Hunt Institute for Botanical Documentation

THE PENNSYLVANIA STATE UNIVERSITY
College of Earth and Mineral Sciences
INTER-OFFICE CORRESPONDENCE

Date: October 17, 1979

From: C. L. Hosler

To: A. Traverse

Use your judgement on the hood operations. It is up to us to keep a proper balance between safety and energy conservation. I would hope that during vacation periods, when no one is working, the hoods would be shut down. I have often worried about people who work on the roof when hoods are spewing out poisonous fumes. Our magnesium radar disintegrated but we attributed that to the power plant. Now we know where to send the bill.

Hunt Institute for Botanical Documentation

9 October, 1979

Alfred Traverse

Dean Hosler

re: fume hoods

Doubtless you have seen R.E. Zilly's memo of 28-IX-79, regarding fume hoods--copy attached. I need advice about this matter.

Ever since I began work here in 1966 and have been in charge of the palynological labs (Deike 432) my policy has been to keep the hoods on all the time, unless none of the three side-by-side hoods has a maceration in progress. The reason for this is that hydroflouric acid is well-documented as destructive of human nervous tissue, and I have thought it not worth the risks involved to have the many different undergraduate and graduate students who work in 432 responsible for having hoods running in just the right places at just the right times (during maceration procedures, work is often transferred from one hood to another as the work progresses).

No doubt Zilly could discover that occasionally all three of our hoods are running empty, but that has seemed preferable to me to having a student or professor damaged by somebody's failure to start a hood motor at a critical time.

I would appreciate counsel.

Hunt Institute for Botanical Documentation

THE PENNSYLVANIA STATE UNIVERSITY
College of Earth and Mineral Sciences
INTER-OFFICE CORRESPONDENCE

Date: July 23, 1979

From: C. L. Hosler C. L. Hosler

To: A. F. Traverse

Re: Teaching Awards

The awards are made on the basis of:

(a) repeated student nominations,

(b) mention as outstanding by alumni on questionnaire,

(c) frequent mention by graduating seniors on questionnaire,

(d) scores on course evaluations,

(e) conversations with students who come singly or in groups with their nominating petitions,

(f) the judgement of the dean.

If there is any indication of faculty involvement generating a petition for himself he is disqualified. One individual handed out his own nomination forms to his classes and asked them to fill them in. Solicited awards are taxable and treated as ordinary income. Unsolicited awards are free of tax.

The course evaluations are useful but cannot be taken literally. One department didn't use them for many years. Small classes tend to score instructors higher than large classes. Required difficult courses score lower than elective courses. Some very poor teachers by any other measure get 5.0 when they have only a few students.

On the one sheet you sent down on items 7 and 8 you received 5.6 and 5.5 mean scores out of what I thought was a possible 5.0. Apparently the scale was shifted in Spring Term. The only really infallible item on the list is the judgement of the dean! Seriously, it is a difficult task to select recipients of such an award and it is indeed apt to appear capricious.

Hunt Institute for Botanical Documentation

The student awards are a strange mix but with few exceptions determined by rules laid down by the donors and strictly adhered to. Recently two departments did initiate their own awards. Students can also manipulate their averages and do by dropping courses in which they are about to get less than an A. We have had some blatant cases of students keeping high averages this way. They go undetected when they sign their own drop slips.

I would suggest that you might bring the student award problem to the attention of the College Scholarships and Awards Committee. I have played no role in this process.

CLH:brd

Hunt Institute for Botanical Documentation

5 July, 1979

A. Traverse

C. L. Hosler

Now that enough time has elapsed since the delicious annual Dean's dinner that I can risk offending, I do want to put in writing some thoughts about the awards "program" in this college.

First, I know I speak for many others in saying that the faculty teaching awards seem to be awarded on a capricious basis. Nobody has ever explained how the selection process works. In response to queries about this in the past, you have stated that selections are based on student nominations. It should be obvious that such a basis is subject to manipulation. (Although I am not sure I deserve an award at all, if this really is the modus operandi, I shall have myself nominated every year just to prove a point.)

May I suggest that a far more objective criterion would be to use the numbers generated by our college's student evaluation of teachers? Here is a poll in which all students vote, not just the few who have been encouraged to nominate Professor So-and-so. Is there something wrong with this logic? Again I say that I am not sure I deserve an award, but the enclosed xeroxes grabbed from my unfiled data make me wonder how many of the awardees have generated better numbers. It certainly is an objective test!

Secondly, I think the structure of the undergraduate awards is terrible--there should basically be an award or two for the highest ranking student(s) in each department. If no money has been contributed, a certificate would do as the prize until a book or 10 gallons of gas is available. Some few additional awards could be tolerated, but the present situation is not good, wherein some people are getting 2-3 awards whereas a person (such as Darlene Mueser last term) with a ±4.0 isn't even mentioned.

Thirdly, how about an award or two for outstanding graduate students? Truth to tell, some of them have served this college better through years of R.A.-ing and T. A-ing than most any faculty member. But they are generally ignored at the gala awards banquet.

Thanks for reading. Best wishes.

encl: xeroxes
AT/et

Hunt Institute for Botanical Documentation

March 9, 1973

Alfred Traverse

Dr. Charles L. Hosler

Further to our conversation in thehhall re Catalog of Fossil Spores and Pollen finances: the problem at the moment is that we need "pump-primer" money. We do not have capital to print the next volume, though such publication is essential to get the subscription funds necessary to keep the operation alive. Anyhhelp possible from university funds would be appreciated.

Alfred Traverse

AT/vsi

Hunt Institute for Botanical Documentation

March 9, 1973

Alfred Traverse

~~Ann~~ C. Hosler

Further to our conversation in the hall re Catalog of Fossil Spores and Pollen finances: the problem at the moment is that we need "~~prim~~p-primer" money. We do not have capital to print the next volume, though such publication is essential to get the subscription funds necessary to keep the operation alive. Any help possible from university funds would be appreciated.

Alfred Traverse

AT/vsi

Hunt Institute for Botanical Documentation

22 Feb., 1973

To: C. L. Hosler, Dean

Re: Machine shop facilities

Torsten tells me that you would like an expression of opinion regarding the abovementioned facilities vis a vis my work. (He was completely non-directive, but I suppose he was hoping that my comments would be positive!)

I have found George Reissinger and Torsten to be really helpful on many, many occasions where the machine shop equipment was vital to manufacture a screw, knob, or what-have-you. I suppose that if they weren't here, I could take the work to Pittsburgh or Philadelphia, but it would be a dratted nuisance.

I am not able to judge whether it would be possible to reduce the size of the machine shop establishment substantially and still retain the capabilities that I would like them to have-- Torsten certainly could be counted on to give an honest appraisal of that.

It would seem to me that the availability of the shop is one of the things that the "overhead" on the various grants I have had is supposed to provide, and that fact ought to be plugged hard in getting a larger share of the overhead dollar for the College!

Alfred Traverse

Alfred Traverse

Please excuse the homemade typing.

Hunt Institute for Botanical Documentation

5/34

THE PENNSYLVANIA STATE UNIVERSITY
College of Earth and Mineral Sciences
INTER-OFFICE CORRESPONDENCE

RECEIVED
MAY 21 '71
VICE PRESIDENT
ACADEMIC AFFAIRS

Date: May 19, 1971

From: C. L. Hosler

To: P. M. Althouse

If you have funds for foreign travel, I would endorse this request for your consideration.

OK
25/May/71

Hunt Institute for Botanical Documentation

REQUEST FOR
OUT-OF-COUNTRY TRAVEL AUTHORIZATION

Name Alfred Traverse Title Professor of Geology & Biology Date 16-IV-71

Dept. Name Geology & Geophysics; Biology Dept. No. _____ Fund Name _____ Fund No. 231-18

Tentative Time of Departure from University Park, Pa. July (Month) 17 (Day) 1971 (Year) A.M. _____ P.M. X

Tentative Time of Return to University Park, Pa. July (Month) 27 (Day) 1971 (Year) A.M. _____ P.M. X

Purpose of Travel: If International Travel is to a Meeting, List Name of Meeting, Place, and Inclusive Dates of Meeting.

Attend International Conference on Palynology, Novosibirsk, USSR, as President of the American palynological society and as its official delegate. Also invited officially by the Soviet authorities and am scheduled to present two papers.

ESTIMATED COST	Amount
Auto Allowance No. of Miles x Mileage Allowance	
Rail Fare	
Boat Fare	
Airplane Fare	$1,000.00
Per Diem Allowance From Attached Travel Itinerary and Per Diem Computation Worksheet *	
Other Expenses: *	
* Will be covered from personal and other sources	500.00
Total Amount of Out-Of-Country Travel	$1,500.00

Employee's Signature Alfred Traverse	Date	Department Head Laurence McKenna	Date 9-20-71
Approved - Administrative Officer	Date	Financial Officer Cyril R Kopenuis	Date 5-26-71
Approved - For other than contract funds.	Date 22/May/71		

4-21-67

Form G.L. 1c

Hunt Institute for Botanical Documentation

THE PENNSYLVANIA STATE UNIVERSITY

INTER-OFFICE CORRESPONDENCE

Date: March 22, 1971

From: Alfred Traverse

To: Dean Charles Hosler

Dear Charlie:

Some time ago I talked with you about the International Palynological Conference in Novosibirsk, USSR, July, 1971. As president of the American Association of Stratigraphic Palynologists, I certainly should be in attendance at this conference. I have also submitted two papers for presentation. The National Science Foundation has informed me that there are no funds to cover my attendance at this sort of a national conference this year. Do you have any suggestions of other possible sources for financing I might tap? Among other things I have been formally invited by the Soviet authorities. *

Yours very truly,

AT

Alfred Traverse
Professor of Geology & Biology

AT/vsi

* not too much of a distinction - perhaps a dozen other Americans were also invited.

No funds available at this time
ET per CLH

Hunt Institute for Botanical Documentation

March 22, 1971

Alfred Traverse

Dean Charles Hosler

Dear Charlie:

Some time ago I talked with you about the International Palynological Conference in Novosibirsk, USSR, July, 1971. As president of the American Association of Stratigraphic Palynologists, I certainly should be in attendance at this conference. I have also submitted two papers for presentation. The National Science Foundation has informed me that there are no funds to cover my attendance at this sort of a national conference this year. Do you have any suggestions of other possible sources for financing I might tap? Among other things I have been formally invited by the Soviet authorities.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

Hunt Institute for Botanical Documentation

March 27, 1970

Alfred Traverse

Dean Hosler

Dear Charlie:

I thought it might be of interest to you that at the recent AASP Executive Committee meeting I had a luncheon discussion one day with a number of my colleagues about the question of 9-month versus 12-month basis for university salaries. I found to my surprise that I was in a minority of one in expressing the opinion which I think I shared with you earlier. It seems that all of the gentlemen who were in on the discussion feel that it is perfectly appropriate for universities to gear their salaries to a 9-month basis in order that National Science Foundation and other grants which support the research work of university people can make a real, as well as a theoretical, contribution to the professor's salary. They pointed out that where this is not the case one is tempted to do consulting above and beyond what one really has time for, to the detriment of one's work. Among those taking part in the discussion was the gentlemen whose NSF proposal I reviewed, the budget in which prompted my original comments. Some day I would like to hear some more about your reasoning on the matter.

Alfred Traverse

Hunt Institute for Botanical Documentation

own files

October 14, 1969

Alfred Traverse

Dean Hosler

Daar Charlie:

I hope you will let me know whether you want me to pick you up some place to take you to the appropriate spot on Monday morning for making your welcoming remarks for the AASP convention. The room number will be Keller Building 402-3. The time, of course, is 9:00.

I would also like, if I have not already done so, to invite you as the guest of the AASP to attend the barbecue the group is having Monday evening. The busses depart from the Deike Building at 5:10 after a tour of our palynological facilities. The busses return to the campus at approximately 8:00 p.m. It would be a good opportunity for you to meet and talk to some of the visitors on an informal basis if that would be of interest. We certainly would like to have you. You will need to let me know however, so that I can make a reservation for you.

Yours very truly,

Alfred Traverse

AT:kc

Hunt Institute for Botanical Documentation

January 15, 1969

A. Traverse

Dean C. Hosler

Dear Charlie:

The date of the second annual convention of the American Association of Stratigraphic Palynologists is 19-22 October, 1969, here at Penn State. As I explained to you informally, I would like you to give the statement of welcome to the group, at something like 9:00 a.m., Monday, 20 October. I presume the meeting will be at the conference center.

The first convention, at LSU, last October, was a great success. There were about 100 registrants from as far away as Saudi Arabia. I suspect we won't do quite as well on attendance because of what could be called the accessibility gap and because we aren't as close to the oil company labs where the lion's share of the bunch is employed. But we try harder, and who can tell.

I suppose that if you can do this, you would find it edifying to look at the program for last year's meeting, etc. If you can't oblige, whom do you suggest?

Yours very truly,

Alfred Traverse
Secretary-Treasurer
AASP

AT:kwc

Hunt Institute for Botanical Documentation

December 13, 1968

A. Traverse

Dean Hosler

Dear Dean Hosler:

Can you give me any more recent information regarding a work-space for the Palynological Data project? Dr. Wright told me that the place where Sanders and Mrs. Fischer now work is temporary only, and I live in constant dread that the rug will be pulled from under them. Furthermore, I have two wage people working on the project, whom I have employed in the teaching lab (Deike 418) on the fourth floor here. I can't imagine where they will go come the first of the year, when two courses will be going on in that lab, and they must vacate.

We urgently need some "permanent" space that would accommodate the Sanders-Fischer team, as well as the ancillary people we take on from time to time in this project. Will you let me know what you have in mind?

A. Traverse

Hunt Institute for Botanical Documentation

October 11, 1968

Alfred Traverse

Dean C.L. Hosler

Dear Dean Hosler:

Before he left town Dr. Lauren Wright asked me to remind you that the room we are occupying for our Paly-Data project in MS is a LOAN (emphasis his), and that we should still be considered for the space that you indicated might be made available by the series of events that you mentioned earlier in the term. I gather that Lauren thinks that the space we now have belongs to geophysics and that they might develop a need for it during the year. "They" I believe to be Shel Alexander.

Yours very truly,

Alfred Traverse
Associate Professor of Geology

AT:kwc

Hunt Institute for Botanical Documentation

THE PENNSYLVANIA STATE UNIVERSITY

INTER-OFFICE CORRESPONDENCE

Date: June 7, 1968

From: G. L. Thuering G. L. Thuering

To: Dean C. L. Hosler

This is to acknowledge your memo requesting storage space for Professor Traverse.

As soon as I have an opportunity I will get in touch with Professor Traverse and review his needs with him.

GLT/el

Copy to A. TRAVERSE

Hunt Institute for Botanical Documentation

THE PENNSYLVANIA STATE UNIVERSITY
College of Earth and Mineral Sciences

INTER-OFFICE CORRESPONDENCE

Date: 31 May 1968

From: C. L. Hosler, Dean
College of Earth and Mineral Sciences

To: George Thuering
Director of Management Engineering

Professor Alfred Traverse, Editor of the Catalog of Fossil Spores and Pollen, is in need of space to store copies of back volumes. The storage space in Room 28, Deike Building is full and they have another edition coming in very soon. It appears that he needs about 200 square feet of storage space where he could place shelf units 6' 2" high. The space should be reasonably dry and heated to at least some degree in winter. If you could help Dr. Traverse in this connection, it will be appreciated. I have exhausted the possibilities within the domain of the College of Earth and Mineral Sciences.

Karen — please check: is this what we asked for (see letter to Hosler)

Hunt Institute for Botanical Documentation

May 29, 1968

A. Traverse

C.L. Hosler

Re: Storage space for CFSP

This is further to our previous memos and discussions on this subject. Room B28 is essentially full to the rafters as of Vol. 28. The storage space required for extra copies of the volumes at the size of the present printing runs (which I regard as uneconomically small) is:

Option D: 2.2, 6 shelf-units, 3' 1" long, 6' 2" high, 1' deep

Option A: 3, 6 shelf-units as above

Boxes of binders for above: 10 cartons, 2' 1" long, 1' 6" wide
1' ½" high

I take it that this comes to roughly 150 ft.^{3} per volume, not counting aisle-space. We publish, or at least if we are to remain solvent we must publish, four volumes a year. That works out to 500 ft.^{3} per year, not counting aisle space. We can condense somewhat in room B28 as we sell copies of back volumes, but this is (or should be!) balanced by reprinting. I believe it is apparent that we need in the long run some inexpensive warehouse space--but free of excessive moisture and dirt and preferably not absolutely without heat.

Yours very truly,

Alfred Traverse
Editor
Catalog of Fossil Spores and Pollen

AT:kwc

Hunt Institute for Botanical Documentation

May 14, 1968

A. Traverse

Dean C.L. Hosler

With regard to the NSF deal on data-processing in relation to palynological data--I have discussed the whole situation regarding the necessary permanent equipment (typewriters, desks, filing cases, and other office items at a minimum) with Dr. Spackman. He is of the opinion that an important matter of principal is involved and counsels turning down the grant (if it comes through) unless either NSF relents to the extent of providing money for the needed items or unless I have assurance in the form of a memorandum that the University or College will pick up the tab for the necessary things. I gather that Dr. Spackman thinks that without assurance from somebody about this, we could accept the money and be in a mess as bad as the poor devils I hire to do the work will be for housing in the (so called) Borough.

Yours very truly,

Alfred Traverse
Associate Professor of Geology

AT:kwc

Hunt Institute for Botanical Documentation

May 14, 1968

A. Traverse

Dean C. L. Hosler

As I told you orally the other day, the storage space for the Catalog of Fossil Spores and Pollen is crammed full--room B28 Deike. The materials stored are mostly the stock of back volumes which we must retain to fill future orders, but also the plates and so forth for reprinting of back volumes as required. Could you help me to acquire storage space somewhere for this purpose? The ideal setup would be a warehouse type space where we could store the bulk of our stock, keeping in room B28 only what we need to fill day to day orders and, of course, the current volumes as they are being shipped, plus stock of packing boxes, binders, and the like.

This need is critical because the materials for Volume 28 filled the room, and Volume 29 is in the latter stages of development and should be printed soon.

Yours very truly,

Alfred Traverse
Associate Professor of Geology

AT:dmr

Hunt Institute for Botanical Documentation

THE PENNSYLVANIA STATE UNIVERSITY
College of Earth and Mineral Sciences

INTER-OFFICE CORRESPONDENCE

Date: May 6, 1968

From: C. L. Hosler, Dean
College of Earth and Mineral Sciences

To: Dr. Alfred F. Traverse
Department of Geology and Geophysics

Dear Al:

We are doing what we can to get a sign posted near the air intake to avoid the exhaust problem. You must realize that this does not appear on the list of things to check by industrial safety officers or on the insurance company list of most frequent causes of accidents. Also no presidents family has suffered from it and the hippies have not called it to the attention of any leading church groups of political alliances. Thus it is not likely to arouse much anxiety.

Four years ago the Governor bumped his nose on a glass door and all safety personnel and resources of the Commonwealth have been fully employed designing, selecting, placing, and testing luminous orange tape to be placed on every glass door in the Commonwealth in the hope that by the next election this hazard to our chief executives will have been eliminated. This hazard is also now fully covered by a law passed by the legislature last year. So you see we do act on these items once brought to our attention and we act in the order of their importance to the society.

The air conditioning will be turned on May 15.

Charles L. Hosler

Hunt Institute for Botanical Documentation

RICKER COLLEGE
HOULTON. MAINE 04730

November 28, 1966

Dr. Alfred Traverse
Pennsylvania State University
University Park, Pennsylvania
16802

Dear Dr. Traverse:

FILE

Through a telephone conversation, I have engaged Samuel Holliday to join us for the rest of the semester to give instruction in Geology. Our need was desperate because of the non-arrival of an appointee from abroad. We may wish to arrange to have him stay for the second semester and feel that it is important to complete his dossier with references from the persons he has named.

I shall be glad to have a statement from you about your knowledge of Mr. Holliday as a student and a person, as well as your impression of him as a potential member of a faculty. Whatever you may have to state will be held in strict confidence. I am enclosing an addressed and stamped envelope for your reply.

Sincerely yours,

C. Worth Howard

C. Worth Howard
President

mc

Hunt Institute for Botanical Documentation

File as confidential

The Methodist Board of Education, Division of Higher Education, Placement Service

REFERENCE FORM

REGISTRANT'S NAME Samuel Holliday ADDRESS Austin, Texas

The person named above has expressed an interest in serving one of the educational institutions related to the Board of Education of The Methodist Church, and has given your name as a personal reference. The equipment used in reproducing credentials will reproduce ***black typewriting and ordinary pencil.***

CONFIDENTIAL RATING

Among persons I know in higher education, I would rank this person in the:

	No basis for judgment	Lower half	Upper half	Upper quarter	Upper 10 per cent
Scholarship	☐	☐	☐	■	☐
Teaching ability	■	☐	☐	☐	☐
Native aptitudes	☐	☐	☐	■	☐
Interest in students	☐	☐	☐	☐	■
Ability to work with others	☐	☐	☐	■	☐
Judgment and tact	☐	☐	■	☐	☐
Ability to initiate and follow through	☐	☐	■	☐	☐
Personality	☐	☐	☐	■	☐
Physical and mental health	☐	☐	☐	☐	■
Composite rating as an applicant to serve in the field of Christian higher education	☐	☐	☐	■	☐

CONFIDENTIAL STATEMENT

Please make a concise statement covering the strengths and weaknesses of this registrant:

Mr. Holliday is a hard-working and interesting person, with whom I enjoyed working at the University of Texas last year. He is friendly and pleasant company. As a scientist, his principal failing is that he does not have an analytical mind and is inclined to "go off on a tangent". He is more likely to be interested in a dozen things simultaneously, none of them very deeply, than to follow up some one lead to a concludion.. I see no reason why this would interfere with his serving satisfactorily as a teacher, however, particularly at the secondary school level.

How long have you known this registrant, and in what relationship?

Two years. Socially, and as a student in a graduate course I gave at the University of Texas.

POSITION Associate Professor SIGNED Alfred Traverse DATE 28 Nov., 1966

INSTITUTION Penn State University ADDRESS Department of Geology and Geophysics
University Park, Pa. 16802

Please return this form to

PLACEMENT SERVICE
Methodist Board of Education
Nashville, Tennessee 37202

Box 871

September 10, 1957

Mrs. J. H. Hoskins
3566 Raymar Drive
Cincinnati 8, Ohio

Dear Mrs. Hoskins:

At the annual meeting of the Paleobotanical Section, at Stanford, California, August 28, 1957, the following resolution was adopted:

"Resolved that the members of the Paleobotanical Section, Botanical Society of America, feeling great regret at the death of J. H. Hoskins, an original member of the Section, would like to express this regret to Mrs. Hoskins and to extend to her their condolences. The helpful counsel and leadership of J. H. will be much missed by us, as will be his important contributions to our science and profession."

J. H. would have been very well satisfied with the way things went at the meeting. It was most successful and profitable.

Very truly yours,

Alfred Traverse, Secretary
Paleobotanical Section, B.S.A.

AT:ml

Hunt Institute for Botanical Documentation

February 12, 1957

Mrs. John H. Hoskins
3566 Raymar Drive
Cincinnati, Ohio

Dear Mrs. Hoskins:

In addition to my personal expression of sympathy, I wanted you and your family to know how much all of the members of the Paleobotanical Section had been pulling for J. H.'s recovery and how much he will be missed by all of the members of the Section, of which he had been an enthusiastic member since the early years of its existence.

If there is any way that I can be of help as Secretary of the Section, please let me know.

Sincerely yours,

Alfred Traverse, Secretary
Paleobotanical Section, B.S.A.

AT:hmp

Hunt Institute for Botanical Documentation

February 7, 1957

Prof. John H. Hoskins
Department of Botany
University of Cincinnati
Cincinnati, Ohio

Dear J. H.:

Just returned from a trip to California and am glad to report that plans for the meetings look fairly good. Chaney, to my great delight, has done quite a bit of work and has a pretty good semi-symposium on the Western floras in course of preparation. He strikes me as a very fine gentleman. I also visited Axelrod and MacGinitie. The less said about A. the better, but Mac has consented (subject to possible difficulties) to lead the field trip, and a glorious thing it will be if we can push it through. We plan to visit the Chalk Bluffs, Weaverville, and LaPorte localities and return via the redwood groves and the coast highway. It should be terrific. The trip will take three days, and this will restrict the attendance, but if ten people have a really instructive time it is better than a joy-ride for fifty.

Everywhere I went I was asked about your progress, and there was great satisfaction in your recovery. Professor Chaney in particular asked to be remembered to you.

Hoping that you are progressing satisfactorily, and that you are not displeased with my handling of the Section's affairs, I am

Very truly yours,

Alfred Traverse, Secretary
Paleobotanical Section, B.S.A.

AT:hmp

Shell Development Company
Exploration and Production Research Division

Hunt Institute for Botanical Documentation

3566 RAYMAR DRIVE
CINCINNATI 8, OHIO

Dec. 17, 1956

Dear Mr Traverse (at that is)

J H is much better — & am glad & can probably bring him home tomorrow — certainly by the end of the week —

Please do phone him. It will be quite convenient for him to talk and I think it would be good for him. I think he's had about all the visitors he can take and this topic certainly would be more thought provoking and free than some department budget fight or the like.

Best wishes to you and your family for a good Christmas. We are pleased we will have all 3 of our boys at home and with Pa too it seems almost too

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good to be true.

I will probably have some trouble restraining the patient but he had a close call and I think he knows he has to slow down. I do not think he realizes how close and so the situation was, however.

Thanks for the note. We'll hear from you.

Sincerely,

B.G. Hoskins

Hunt Institute for Botanical Documentation

November 21, 1956

Mrs. J. H. Hoskins
3566 Raymar Drive
Cincinnati 8, Ohio

Dear Mrs. Hoskins:

Too bad about J. H.'s attack. I can scarcely believe it, as I commented so many times in Connecticut to mutual friends how amazingly vigorous he seemed. I am glad to hear that he will be on deck again after the recuperative period.

I deduce from your letter that it would be better for me not to write J. H. directly for the time being. I hope that you will be able to tell him that I shall try to take care of the preliminary arrangements for the California meetings. I am also about ready to send out the current edition of the secretary's circular with the ballot for corresponding members, etc.

I think that your reference is to W. L. Norem, of California Research Corporation. He is planning to visit me in about a month, but I shall write him now to see if he has any ideas that should be followed up immediately. I wrote him about six weeks ago asking if he had any ideas for the meetings, and his letter to J. H. may have been a response to that query.

So, tell J. H. all is serene in the Paleobotanical Section, and I wish him a quick recovery.

Yours very truly,

Alfred Traverse

AT:rlg

Shell Development Company
Exploration and Production Research Division

Hunt Institute for Botanical Documentation

J. H. Hoskins

3566 RAYMAR DRIVE
CINCINNATI 8, OHIO

Oct. 18, 1956

Dear Dr. Traverse,

J.H. has asked me to write you and say that he is in the hospital. He had a rather severe coronary and had a rough time for a couple of weeks. He is much better now and the Medics give me no reason to think he will not be able to resume normal activities later. They say that he may not return to teaching till next fall. At the moment, however, we are planning on Oakland in August.

He had a letter just before he was taken sick from Clarkson in California concerning the program for next year's meeting. He asked me to get it and send it to you and to tell Clarkson I had done so. I have searched his office and I simply can't find it.

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would you be willing to get in touch with Mr Norbaum and find out what it's all about? Please explain that Hoskins has an ignorant wife who does not understand his filing systems or some such thing.

H also asked me to tell you to appoint whomever you wanted or needed to help you out and whatever you did was O.K. with him.

I hope we will have him out of the hospital by Christmas and then I suspect you will hear from him directly — While he rests at home he should be able to get out a little correspondence. At the moment he's not supposed to be worrying about any of these matters but you can't turn off the wheels processes and he has asked me 2 or 3 times to be sure and contact you.

I certainly hope we will be able to meet again in California next summer.

Sincerely,
Frederick W. Hoskins

Hunt Institute for Botanical Documentation

May 15, 1974

Alfred Traverse

Dean Charles Hosler
116 Deike Building

Dear Charlie:

Regarding the so-called "44th edition of Research Publications, etc." (see xerox copy of mmmorandum enclosed)--is there really no chance that this worthless thing can be stopped? I envision a time in the not too distant future when one will have so many requests for writing up what one has done in the past that there will be no time to do anything in the present or future. Surely this particular publication is one of the best examples of redundancy and uselessness which I can easily call to mind. Its abolition would save the university a sum of money which only a person familiar with its budget could know for sure, but I cantt believe that it's less than $15,000. Is it really not possible to throttle this kind of thing?

Alfred Traverse
Professor of Palynology

AT/vsi
Enclosure

cc Dr. W. Burnham

Eaton
Fidelity Onion Skin
100% COTTON

Hunt Institute for Botanical Documentation

April 30, 1970

Alfred Traverse

Dean Hosler

Dear Charlie:

To reinforce something that I said to you orally several weeks ago--if Penn State would increase their mileage for the use of personal cars to something more nearly in tune with the times, I could save my travel budgets money occasionally by using my own car instead of having to rent one from Avis or Hertz. For example, this last weekend I went to the Philadelphia area for some field work and was unable to get a University car, so had to take an Avis automobile. The cost was around $85. The same trip in my own automobile at 10¢ a mile would have cost about $38. At 7¢ a mile, however, it seems to me too marginal to be feasible. Doubtless, I am, as usual, just being ahead of my time!

Alfred Traverse

AT:kc

Hunt Institute for Botanical Documentation

March 11, 1970

Alfred Traverse

Charles L. Hosler

Dear Charlie:

As a result of a conference with various related projects in Tucson, Arizona, last week and of the renewal of our project by the National Science Foundation, we now must face up to the necessity of moving into phase two of our project. That will entail hiring two more people to a total of 6, and I think requires a reopening of the question of adequate housing for this project. I believe this is really urgent. One possibility, of course, would be to let us continue to occupy the room in Mineral Sciences which we now occupy, as well as the room in the basement which has been recently refurnished for us (though the noise and ventilation problems are still not solved). Perhaps it would be desirable for us to confer again on this abominable problem?

Alfred Traverse

Hunt Institute for Botanical Documentation

A. Traverse

File

December 12, 1966

William Spackman

C.L. Hosler

Dear Dean Hosler:

At the suggestion of Dean Schein, the question of joint appointments for Dr. Traverse and myself in the Department of Botany and the Department of Geology - Geophysics was reopened. At the same time it was proposed that all paleobotanical and palynological courses be co-listed in the catalog by both departments.

It now appears desirable to withdraw this proposal with the idea that it be given further consideration after a mutually satisfactory arrangement has been worked out on an informal basis. Thank you for your assistance in connection with this effort.

Cordially yours,

William Spackman

WS:jpd

cc: R.D. Schein
J.G. O'Mara
A. Traverse

Hunt Institute for Botanical Documentation

XXXXX

9 October, 1979

Dr. Nicholas Hotton
Paleobiology Department
Smithsonian Institution
Washington, DC 20560

Dear Dr. Hotton:

Somebody told me awhile back that you might know how to get in touch with Robert Weems. I would like to correspond with him about his master's thesis and other matters, but the only address I have for him is an apartment in Washington of three or four years ago, and I'm reasonably sure he's not there any more. If you have a more current address, it would be very helpful and I would appreciate having it. Thanks for your help if you can render any.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Hunt Institute for Botanical Documentation

Houghton Mifflin Company

One Beacon Street, Boston, Massachusetts 02107
(617) 725-5000 Cable HOUGHTON

March 29, 1976

Professor Alfred Traverse
Professor of Palynology
Department of Geosciences
The Pennsylvania State University
Deike Building
University Park, Pennsylvania 16802

Dear Al,

Thank you for your review of Minkoff's proposed text Evolutionary Biology.

I have requested a check for your review honorarium and you should receive it within two weeks. If not, please contact me and I will look into the matter.

Again, thank you very much for your reviewing assistance!

Sincerely,

Anne

Anne A. Reid, Editor
Biology, Geology, Geography

AAR:mev

P.S. We just received word from Dr. Minkoff that he has signed a contract with another publisher.

Hunt Institute for Botanical Documentation

March 24, 1976

Ms. Anne A. Reid, Editor
Houghton Mifflin Co.
1 Beacon St.
Boston, MA 02107

Dear Anne (may I be so bold?):

Thanks for your interesting letter of 16 March. I have got down to work on the outline and prospectus for Minkoff's book without delay because I know if I wait I'll never get to it!

This is a very amitious project, and Minkoff (of whom--for what ever that's worth--I've never heard) is quite right in assessing that there is nothing on the market quite like it. After careful perusal of the outline, I am really wondering if it will perforce be so long and expensive as to be prohibitive in cost. Nevertheless, if such a book were available, and covered in a professional manner the topics indicated, I would advocate its adoption by our large (± 200) evolution course. Will it be possible to do 38 (!) chapters, plus illustrations, glossaries and index in less than 1000 pp.?

Our own course in very comprehensive, and yet some of the subjects covered is not at least approached by Minkoff. However, my lectures on the philosophical, theological, sociological, political and economical significance of evolutionary thought do not find much parallel coverage (almost no coverage) in Minkoff's outline. For example, it is not apparent that Teilhard de Chardin will be mentioned at all. (To say nothing of A.N. Whitehead.)

So in summary, this is a pretty good outline, and there will be a market for the book if it doesn't end up costing $50. How well Minkoff will do from the outline, I can only guess--a sample chapter would have been helpful.

Hunt Institute for Botanical Documentation

As to the organization of the material, I do have some criticisms:

1) It seems to me that Unit II is out of place--would better follow Unit III.

2) Chapter 8--I think the hourglass thing has been overemphasized already--there are plenty of other good examples; just a personal bias, perhaps.

3) Chapter 25 is an example of overdoing the "relegating technical detail to the background." The genetic underpinning of evolution demands more careful and detailed explanation.

4) Chapter 37 needs to be a whole "unit", if the subject of evolutionary thought outside of biology is to be treated adequately. But perhaps this is not practical.

5) Chapter 2 must gome to grips with "exobiology"!

I have also a few technical caveats:

1) There needs to be a good discussion of what a species is--there are many assumptions made on this score--"evolution above the species", etc. We find it essential to treat this in depth in our course.

2) I would avoid such garbage as "evolution's grand plan" (Unit II)--it even comes on as authropomorphic.

3) Chapter 5-7 makes no mention of the 5-kingdom approach, to which evolutionary thought has been a major contributor. The "plants" chapter particularly comes on as old-fashioned. Fungi have nothing to do with green plants, phylogentically.

I hope

I hope this is what you wanted. I assume you don't want the outline back, as it is a xerox copy. I shall look forward to receiving the check for $35.00!

Yours very truly,

Alfred Traverse
Professor of Palynology

AT:jb
Enclosures: Question sheet & answers.

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Answers to Questions:

1. Would be appropriate for our Biology-Geology 427, which requires elementary biology. It's a "middle-group" approach despite Minkoff's assertion about relegating technical detail to the background.

2. Would be good for above-mentioned course, if not too expensive and if the down-grading of technical detail didn't result in the book being too elementary. Would be better than present text (Ayer--- which Minkoff doesn't include in his market analysis---why?)

3.

3. See my letter.

4. Style looks good, but I'd have to see a chapter to be sure.

5. Approach seems o.k.---providing illustrations are o.k.---might come on as too dry otherwise.

6. Uniqueness; is the comprehensiveness.

7. See #6. The need for such a book is there.

8. See my letter.

9. See my letter and #2, supra. It would probably be better than any of the available things.

10. Well, there really aren't many competitors. But I would rate it as 8, against about 5 for our current text (Ayer). I believe Minkoff's anayses of existing books is fair although incomplete.

11. My reservations are mentioned in my letter:

    1. Size of package
    2. Cost to students
    3. Minkoff's lack of reputation in the field
    4. Technical problems mentioned in my letter

Hunt Institute for Botanical Documentation

Houghton Mifflin Company

One Beacon Street, Boston, Massachusetts 02107
(617) 725-5000 Cable HOUGHTON

March 16, 1976

Professor Alfred Traverse
Department of Geology
Pennsylvania State University
University Park, Pa. 16802

Dear Professor Traverse:

When I called upon you last fall, we discussed your teaching in the area of evolution. We have now received a prospectus and outline for a proposed text entitled Evolutionary Biology by Eli C. Minkoff of Bates College. I wonder if I might ask you to do a brief pre-contract review of the enclosed prospectus and outline to assist us in deciding whether or not to pursue this project? We offer an honorarium of $35. for this review and ask that you send us your comments in about two weeks, that is, by March 31.

If you are unable to assist us in evaluating this project at this time, or if you have any questions or delays, please let me know by mail or collect phone call 617-725-5790.

If you are able to assist us, it would be most helpful if you would answer the attached questions. Please spend no more than $35. worth of your time on this review.

Thank you so much!

Sincerely,

Anne A. Reid, Editor
Biology, Geology, Geography

AAR:mev

Enclosures

Hunt Institute for Botanical Documentation

3 April, 1985

Alfred Traverse, 435 Deike

Charles Houser, 15 Steidle

Good to know somebody cares about classrooms. Compared with other college and universities where I give talks, our facilities are abysmal. For example, someone should take a field trip to Juniata College and go to the science center, to see what good lecture rooms can be like.

Response to your questions:

1. The most important factor varies--on a hot day, failure of air conditioning can ruin everything--usually PSU overheats everything in winter, but windows can be opened except in some wretched windowless rooms (in Willard, for example). The tendency of the university to send dempster-emptying equipment or leaf-blowers (ugh!) etc., to the immediate vicinity of a classrom during "prime time" is appalling. So, noise can be an overriding problem on occasion. It is amaoying in Deike 22 that the lights cannot be more precisely controlled (out over screen, on elsewhere, etc.). Amount of chalkboard space is seldom a big problem, but arrangement of space can be important. I have even seen times at which the biggest problem in Deike 22 has been that it is inadequately cleaned--pigsty conditions sometimes prevail.

A good classroom should be a theater--with, for example, sloping floors--at PSU this is practically unheard of (go to Juniata's Brumbaugh to see how others live!) Lack of projection-facility is endemic at Penn State--especially overheads are a problem in 90% of all the rooms.

2. Worst--ye gods, there are so many, I wouldn't know where to start. The big lecture hall in Electrical Engineering will take some beating. The abovementioned closed roomssin Willard are horrible (poor air, no place for projector, etc.) Among small rooms, the 5th floor classroom in Deike (constant hum, poor air, no projection facility) is a good example of a horror story.

3. Best rooms on campus where I occasionally teach--Forum is in a class by itself. The big lecture room on ground floor of Walker is good, tho' the light controls are too sophisticated and it tends to be stuffy in there.

Hunt Institute for Botanical Documentation

March 20, 1968

President
The Houston Botanical Society
c/o Department of Parks & Recreation
City Hall
Houston, Texas 77002

Dear Sir:

The invitation to the dedication of the Aline Harris McAshan Botanical Hall for Children was forwarded to me here through my several previous addresses in Texas. As a result of the wandering about, the invitation did not come until today. Hence, I was unable to send you a telegram or otherwise communicate my pleasure at getting the news about this happy event.

Although I am no longer a Houston, or even a Texas, resident, I retain a keen interest in the botany of Harris and adjacent counties. I only wish it were possible for me to get back more often to collect plants and visit with my old botanical friends in the area.

Congratulations on the fine progress you are making in making Houston a more botanically aware place!

Yours very truly,

Alfred Traverse
Associate Professor of Geology

AT:kwc

Hunt Institute for Botanical Documentation

2 Dec., 1966

Dr. C. Worth Howard
Predident
Ricker College
Houghton, Maine

Dear Dr. Howard:

It was interesting to hear of your interest in Sam Holliday. I came to know him last year while I was at the University of Texas. He took my course in paleobotany-palynology, and there had been some talk of his working on a thesis project under my direction, had we both stayed on at UT.

As you doubtless know, Sam is somewhat older than the average graduate student. Indeed, he had finished up at Harvard on an A. M. program several years before I entered as a freshman. His breadth of experience as a geological consultant make him very stimulating company for a geologist, and he has a pleasant way about him that is also conducive to good fellowship, and my wife and I have spent many pleasant hours with Sam and his completely charming family.

I believe that Sam would make a very good teacher for general geology courses at an institution such as yours. As a sdientist his only failure is fairly serious--that he tends to attack a number of problems superficially rather than a few thoroughly, and his technical efforts are sometimes a little sloppy. I can see no reason why this should interfere with his teaching geology to undergraduates, however. In that situation it would seem to me that his great interest in people and understanding of young folks (for one thing, he has <u>six</u> children of his own!) would be of much more significance. I would think that the Hollidays as a family would be a great asset to your faculty. Mrs. H. is a trained teacher and cultivated person..

As far as personal integrity is concerned, you couldn't do better--Sam is tops.

Yours very truly,

Alfred Traverse

Alfred Traverse

Hunt Institute for Botanical Documentation

September 2, 1975

Dr. Richard A. Howard
Biological Laboratories
Harvard University
Cambridge, MA 02138

Dear Dick:

Fan letter! I was really 'Turned on' by your article in PSB on "The Arnold Arboretum." Beautiful job! Thanks for taking time to write it!

Best wishes.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT:jb

Hunt Institute for Botanical Documentation

25 Nov., 1966

Dr. M. K. Howarth
British Museum of Natural History (Palaeontology)
Cromwell Road
London S. W. 7, England

Dear Dr. Howarth:

Many thanks for "The Jet Rock series and the Alum Shale series of the Yorkshire coast," which came today.

The publication looks as if it will be very useful to me. I wish I had had Pl. 28 with me in September when I was prowling around at Whitby.

Thanks again.

Yours very truly,

Alfred Traverse

Alfred Traverse

Hunt Institute for Botanical Documentation

2 November, 1966

Dr. M. K. Howarth
Department of Palaeontology
British Museum (Natural History)
Cromwell Road
London S. W. 7
England

Dear Dr. Howarth:

Dr. David Wall, of Woods Hole, has told me about your paper, "The jet rock series and the alum shale series of the Yorkshire coast," from Yorks. Geol. Soc. Prod. voll 33. 1962.

I have been doing a little work on some material from Whitby, and would find the paper (which is not available to me here) very useful. Could you perhaps supply a reprint?

Yours very truly,

Alfred Traverse

Alfred Traverse
Associate Professor of Geology

Hunt Institute for Botanical Documentation

December 20, 1971

Alfred Traverse

Dr. B.F. Howell
Graduate School Bldg.

Dear Ben:

I recently received a notice from Dean Ludwig regarding my reappointment to the Committee on Fellowhsip and Awards. The memorandum from Dean Ludwig was inaccurate in one respect which I would appreciate your changing in whatever places are necessary: my title should be professor of geology and biology in order to show my joint appointment in the two departments. I gather that in some circles they are listing me as "professor of palynology". I don't really like that title myself, but in any case I recoil in understandable horror at the very thought of being professor of geophysics!

I note with considerable interest the presence of two graduate students on the committee inasmuch as they would in theory be considering applications for assistance from their friends and peers (perhaps even themselves?); this seems to me to be quite clearly out of line.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

Hunt Institute for Botanical Documentation

May 17, 1971

Alfred Traverse

Dr. B.F. Howell, Associate Dean, Graduate School

This is with reference to yours of 10 May, and the revised forms.

The form for recommendation report on applicants for graduate tuition grants-in-aid seems to me to be all right except for the following things:

1. In line 9, a Rabbi is a clergyman in common use, and I would advocate just labelling the blank "clergyman" and letting it go at that.
2. As to the educational level of representive groups, I would think that a blank stating undergraduates and a blank stating graduate students would be sufficient. I doubt that anybody will require more than that.
3. The rest of my reaction to the form is that it could be somewhat shortened by eliminating redundancy. It seems to me that questions 1 and 2, for example, are clearly redundant, and that all you need is question 1. I do not believe that you will get more information by having both questions 10 and 11. I suggest that question 11 alone will elicit the same information as you will get from questions 10 and 11. I believe that question 12 will be regarded as offensive by some respondents and will not get extra input anyway. I would, therefore advocate dropping question 12.

The fo m for the student to fill out as an application for a grant-in-aid seems to me to be quite all right as it stands.

Everything else seems to me to be in order.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/kal

Hunt Institute for Botanical Documentation

XXXX

18 July, 1979

Mr. Paul Howell
Box 1435
Allegheny College
Meadville, PA 16335

Dear Mr. Howell:

How good to hear from Allegheny College again! I once gave a mini-series of lectures on palynology there and had a <u>great</u> time.

Now, I hope you won't mind my being very frank! Your outlined project is a <u>good</u> one. Fits in exactly with what I, along with three or four students of mine, have done here. It would be very good for a master's thesis. It is, however, very unreasonable for a senior project. It would be too much as a term project for my advanced (graduate) course here! Furthermore, you couldn't do it without having had a course in palynology and with no professional supervision. (Otherwise, why does PSU need a professor of palynology?)

How about coming to PSU for Winter Term, 1980 (Nov.'79-Feb.'80) to take my palynology course and do the project? Perhaps you would then want to do a master's?

I am sending along a couple of publications under separate cover. Also there is the unpublished PSU doctoral thesis of John Stolar (can be borrowed from library), and the papers by Leonard Eames--your work in NW PA would link Eames (Ohio) and my work together and would be great.

Would Allegheny accept some aspect of this for the senior project?--or bet you come here for Winter Term? You will need advice also on <u>what to collect</u>--that is <u>critical</u>. Failure in this ruins the whole project.

Best regards.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Hunt Institute for Botanical Documentation

July 3, 1979

Paul Howell
Box 1435
Allegheny College
Meadville, PA 16335

To Alfred Traverse
Palynology Department, PSU

ALLEGHENY COLLEGE GEOLOGY DEPARTMENT
MEADVILLE, PENNSYLVANIA 16335

Sir:

I'm a senior Geology/Biology double major at Allegheny College and for my senior project to satisfy requirements for both departments I've decided to try to determine the Devonian-Carboniferous boundary in the Crawford County rock strata by studying the fossil plant spores contained in these rocks. I'm writing to you for advice on how to organize this project and for answers to a few specific questions.

First of all, the formations I've decided to sample are the Riceville Shale (Conewango group), Cussewago Sandstone, Bedford Shale and possibly the Berea Sandstone. The Devonian-Carboniferous boundary in this area is generally taken to be at the top of the Riceville Shale although the general lack of well-preserved guide fossils in this area makes this boundary questionable. In Ohio, these strata have produced identifiable spores (Winslow, 1962, U.S.G.S. Prof. Paper 367) and I'm counting on there being a fossil spore record in this area too.

My tentative plan of attack is basically as follows:

July-September -- Collect rock samples, macerate, preliminary examination of slide preparations, begin background literature review.

October-March -- Point counts and identification of spores, begin correlating results to the current literature.

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ALLEGHENY COLLEGE GEOLOGY DEPARTMENT
MEADVILLE, PENNSYLVANIA 16335

April-May -- Finish correlations, draw conclusions, draft a final report.

The areas I really need advice on are:

-Experimental Design: Have I taken on too much? How many samples should I take to be statistically significant? How many point counts should I make for each sample?

-Extraction techniques: Everybody seems to have their own favorite methods for extraction. What methods do you prefer for shales and sandstones?

-Identification: I have no reference specimens, but I do have PSU's Catalog of Fossil Spores .Can I make accurate identifications at the species level using this and other similar references?

-Literature: Allegheny's library is limited in its range of journals. Would it be possible to borrow journals or research there for ones unavailable here?

-Correlations: The big problem. Have there been enough palynological studies for this time period and area to allow a boundary to be determined? Have range charts for plant spores already been compiled? If not, would I be able to compile one?

I'll appreciate your response to this letter, I'm sure. I really like this idea and I hope that it works out. Thanks much for your time and consideration.

Sincerely,

Paul D Howell

Paul D. Howell

Hunt Institute for Botanical Documentation

xxxxx

12 November, 1979

Dr. James Hower
Institute Mining and Minerals Research
University of Kentucky
Box 13015
Lexington, KY 40583

Dear Jim:

When I asked Jim Hower for more information, I didn't realize how thorough you are! Anyway, that's great and appreciated, as well as duly filed. Ilwill give out the sample as an "unknown" in 423 next term (only a few weeks away now!). Thanks very much.

All the best to you and Judy.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Hunt Institute for Botanical Documentation

University of Kentucky
INSTITUTE FOR MINING AND MINERALS RESEARCH
Kentucky Center for Energy Research Laboratory



Iron Works Pike • Box 13015
Lexington, Kentucky 40583
(606) 252-5535

October 30, 1979

Dear Dr. Traverse,

I am enclosing copies of portions of the maps on which the borehole Gil-30, from which the sample was retrieved, is located. The borehole was nearly at 37° 37' 30" N / 87° 52' 30" W in Union Co., Ky. The site was chosen by Gil Smith when he was with the Ky. Geological Survey. The survey now wants to drill further west in the same graben.

The graben is the deepest in western Kentucky (part of Rough Creek Fault system). The coal is the top coal known in the region. Kehn told me that he places the Pennsylvanian - Permian boundary higher in the borehole. He is basing this on a lithologic change (assuming the Permian to have had more limestones), not strictly on any type of paleontologic evidence from rocks near the coal. The major mined coals in western Kentucky were not reached in the borehole. More information on the strata in the vicinity may be found in Illinois Geological Survey Circular 411.

I hope the information I am sending will be useful.

Sincerely,

Jim Hower

Hunt Institute for Botanical Documentation

XX Don Pollock

REPORT ON REFERRED FOSSILS

US GEOLOGICAL SURVEY

1 XX

STRATIGRAPHIC RANGE	Upper Pennsylvanian
GENERAL LOCALITY	Kentucky
QUADRANGLE OR AREA	Bordley Quad.
KINDS OF FOSSILS	Foraminifera
REFERRED	T. M. Kehn
REPORT PREPARED BY	Raymond C. Douglass

SHIPMENT NUMBER	KG-77-3
REGION	Union Co.
DATE RECEIVED	2/9/77
STATUS OF WORK	Incomplete
DATE REPORTED	3/7/77

Following is a report on the fusulinids from core samples from drill hole Gil-30, Union County, Kentucky. Carter Coord. 13-N-20, 300 ft. from S. line and 1,700 ft. from E. line in the NW corner of Bordley 7 1/2 min. Quad. Elev. 455 ft., total depth drilled 1841.05 ft.

All samples of the core were searched for fusulinids and specimens were found at four levels. The core samples will be submitted to other specialists for study.

f13876 depth 194.4 ft. Limestone with abundant bryozoans and crinoidal debris.

TRITICITES sp. aff. T. CALLOSUS Dunbar & Henbest 1942.

This fusulinid was reported from the Greenup Limestone in Cumberland County, Illinois. There it is considered to be near the top of the Pennsylvanian section. Approximately equivalent beds in Kansas are considered to be Early Permian in age.

f13877 depth 194.7 ft. Silty limestone with a fauna similar to that above and the same age connotation.

f13878 depth 932.6 ft.
I hope this part of the core has been labelled correctly. The samples were not in sequence in the boxes, but were clearly labeled as to depth.

The lithology is similar to that found at 194.4 ft. reported above.

One specimen of TRITICITES sp. was found and it is of an advanced kind. I cannot distinguish it specifically from the specimens in f13876-77.

REPORT NOT TO BE QUOTED OR PARAPHRASED IN PUBLICATION WITHOUT A FINAL RECHECK BY THE PALEONTOLOGY AND STRATIGRAPHY BRANCH

Hunt Institute for Botanical Documentation

REPORT ON REFERRED FOSSILS

XX

2 XX

STRATIGRAPHIC RANGE

GENERAL LOCALITY

QUADRANGLE OR AREA

KINDS OF FOSSILS

REFERRED BY

REPORT PREPARED BY

SHIPMENT NUMBER KG-77-3

REGION

DATE RECEIVED

STATUS OF WORK

DATE REPORTED

f13879 depth 933.2 ft.

Silty limestone. One specimen of a large TRITICITES sp. was found. It is partly crushed, but seems similar to specimens from f13876-77 reported above.

I am a little surprised that samples separated by over 700 feet in this well are so similar. It is not impossible with rapid sedimentation, but it is more common to have rapid changes in the fusulinid faunas over relatively short stratigraphic intervals. @

Raymond C. Douglass

REPORT NOT TO BE QUOTED OR PARAPHRASED IN PUBLICATION WITHOUT A FINAL RECHECK BY THE

Hunt Institute for Botanical Documentation

Commenced: 8-27-76
Completed: 11-20-76

7108 on p. 4

1075
1275
1345
1360
1740
1820

KGS #13-N-20, Gil-30
300 FSL X 1700 FEL
Bordley Quad., Union Co., Ky.
T.D. 1841.05' Elev. 455'

Box #1			Cored: 19 - 30 Rec. 11.05'
19.00	-	24.28	Shale, medium gray to greenish gray, firm, slightly silty small brown weathering marks, base sharp; appears dipping 20°.
24.28	-	30.05	Shale, as above, no weathering silty laminations, less silty toward base; dip 10°
Box #2			Cored: 30 - 40 Rec. 9.93'
30.00	-	30.70	Shale, as above with siltstone laminations
30.70	-	34.76	Laminated sandstone, medium gray, fine grained, and shale dark gray
34.76	-	39.93	Sandstone, medium gray, fine grained with dark gray shale laminations, still dipping
Box #3			Cored: 40 - 50 Rec. 9.75'
40.00	-	40.93	Sandstone and shale as above, contorted
40.93	-	41.20	Sandstone as above with shale laminations
41.20	-	41.72	Sandstone and shale laminated
41.72	-	44.06	Sandstone, medium gray fine grained with dark gray shale laminations, very thin, discontinuous and at all angles
44.06	-	47.11	Mixture of sandstone and shale as above, contorted, thick and thin shales; thick and thin sandstone
47.11	-	49.75	Sandstone, medium gray, fine with paper thin laminations of dark gray shale
Box #4			Cored: 50 - 60 Rec. 9.45'
50.00	-	56.12	Sandstone as above, thick shale laminations at base, base sharp
56.12	-	57.93	Shale, gray to dark gray, calcareous; I think I can destinguish some micro-fanna
57.93	-	59.45	Limestone, gray to buff, fine crystalline to dense, slight argillaceous, some fragmental. Fractures 25° off verticle, calcite lined
Box #5			Cored: 60 - 70 Rec. 10.25'
60.00	-	61.95	Limestone, as above showing verticle filled fractures
61.95	-	63.35	Limestone, as above but more argillaceous, nodular
63.35	-	63.82	Shale, medium gray, calcareous
63.82	-	64.80	Limestone, as above, grades to:
64.80	-	69.75	Shale, medium gray, calcareous, occasional clay-shale bands, evidence of fracturing.
69.75	-	70.25	Shale, green to greenish gray, plastic at top
Box #6			Cored: 70 - 80 Rec. 10.00'
70.00	-	70.58	Mixture of limestone and shale, contorted and dipping
70.58	-	74.10	Clay-shale, medium gray, calcareous, limy toward base
74.10	-	76.75	Limestone, buff to gray, fine crystalline to dense, slightly argillaceous with many fragments and clay pell more argillaceous toward base, grades to:
76.75	-	78.90	Clay-shale, medium gray, calcareous contact sharp
78.90	-	80.00	Limestone, as above with filled fractures

Last-foot?

Hunt Institute for Botanical Documentation

Box #7			
80.00	-	81.60	Cored: 80 - 90 Rec. 9.95' Limestone, light gray to tan, dense
81.60	-	81.85	Shale, green to gray
81.85	-	82.75	Limestone, as above
82.75	-	83.50	Shale, as above
83.50	-	88.70	Limestone, varying amounts of argillaceous material, grades to:
88.70	-	89.00	Limestone and shale
89.00	-	89.95	Dark gray shale with limestone fragments, calcareous
Box #8			Cored: 90 - 100 Rec. 9.85'
90.00	-	97.90	Limestone, light gray to tan to buff, dense, fragmental in part, varying degrees of argillaceousness
97.90	-	99.85	Shale, dark gray, calcareous with limestone fragments
Box #9			Cored: 100 - 110 Rec. 9.90'
100.00	-	109.90	Limestone, as above
Box #10			Cored: 110 - 120 Rec. 9.90'
110.00	-	119.90	Shale, calcareous, limestone fragments and nodules, gray to greenish gray
Box #11			Cored: 120 - 130 Rec. 7.15'
120.00	-	120.85	Shale, as above, grades to:
120.85	-	122.25	Limestone, as above, grades to:
122.25	-	126.15	Dark gray shale, calcareous, grades to:
126.15	-	127.15	Limestone, as above
Box #12			Cored: 130 - 140 Rec. 9.90'
130.00	-	139.90	Limestone, light gray to tan to buff, dense to fragments with varying amounts, argillaceous and dark gray shale
Box #13			Cored: 140 - 150 Rec. 10.28'
140.00	-	150.28	As above with some grayish green shale
Box #14			Cored: 150 - 160 Rec. 10.08'
150.00	-	152.85	Limestone, as above
152.85	-	157.26	Clay-shale, greenish to gray, non-bedded at top, poorly bedded at base, some silty limy section toward base
157.26	-	160.08	Shale, medium gray, fissile
Box #15			Cored: 160 - 170 Rec. 10.40'
160.00	-	167.90	Dark gray shale, silty, with occasional laminations and bands of very fine calcareous sandstone
167.90	-	170.40	Dark gray shale
Box #16			Cored: 170 - 180 Rec. 10.00'
170.00	-	180.00	Shale, dark gray traces of silty material
Box #17			Cored: 180 - 190 Rec. 10.00'
180.00	-	190.00	As above
Box #18			Cored: 190 - 200 Rec. 10.04'
190.00	-	193.95	Dark gray shale, fissile
193.95	-	195.82	Marine zone, limy shale or shaley limestone, light to medium gray, argillaceous, very fossiliferous
195.82	-	200.04	Dark gray shale, fissile

Box #19		
200.00	- 202.50	Cored: 200 - 210 Rec. 9.99' Dark gray shale with occasional siltstone laminations, grades to:
202.50	- 203.48	Sandstone, light gray, very fine, calcareous with clay and shale galls and laminations
203.48	- 209.99	Dark gray shale with occasional siltstone laminations
Box #20		
210.00	- 213.96	Cored: 210 - 220 Rec. 9.92'
213.96	- 216.50	As above
216.50	- 219.92	Clay-shale, very dark gray, carbonaceous, grades to: Limestone, light gray to tan to buff, dense fragmental with varying amounts of argillaceous material, green to gray
Box #21		
220.00	- 230.10	Cored: 220 - 230 Rec. 10.10' Limestone, as above, fragmental at top
Box #22		
230.00	- 231.60	Cored: 230 - 240 Rec. 10.05' Limestone, tan to buff, dense to fine, fractured, rather nodular in appearance
231.60	- 236.12	Mixture of limestone as above with shale, greenish gray to gray
236.12	- 237.65	Limestone, as above
237.65	- 240.05	Limestone and shale as above
Box #23		
240.00	- 240.95	Cored: 240 - 250 Rec. 9.95' Limestone as above with green shale pods
240.95	- 241.55	Clay-shale, gray to greenish gray, non-bedded
241.55	- 244.07	Shale, green to gray, poorly bedded
244.07	- 245.00	Shale, as above, more gray than green
245.00	- 245.03	Brown mud band
245.03	- 245.05	Black carbonaceous shale
245.05	- 249.95	Shale, gray to greenish gray, occasional nodule of limestone
Box #24		
250.00	- 252.00	Cored: 250 - 260 Rec. 9.99' As above
252.00	- 259.99	Dark gray shale with occasional silty lamination
Box #25		
260.00	- 269.95	Cored: 260 - 270 Rec. 9.95' Lamination of dark gray shale and light gray siltstone
Box #26		
270.00	- 272.70	Cored: 270 - 280 Rec. 10.11' As above
272.70	- 275.00	Shale, dark gray and brown, nodules of argillaceous limestone
275.00	- 280.11	Dark gray shale, occasional silty laminations
Box #27		
280.00	- 289.95	Cored: 280 - 290 Rec. 9.95' Dark gray shale with occasional silty laminations
Box #28		
290.00	- 299.98	Cored: 290 - 300 Rec. 9.98' As above
Box #29		
300.00	- 310.03	Cored: 300 - 310 Rec. 10.03' As above

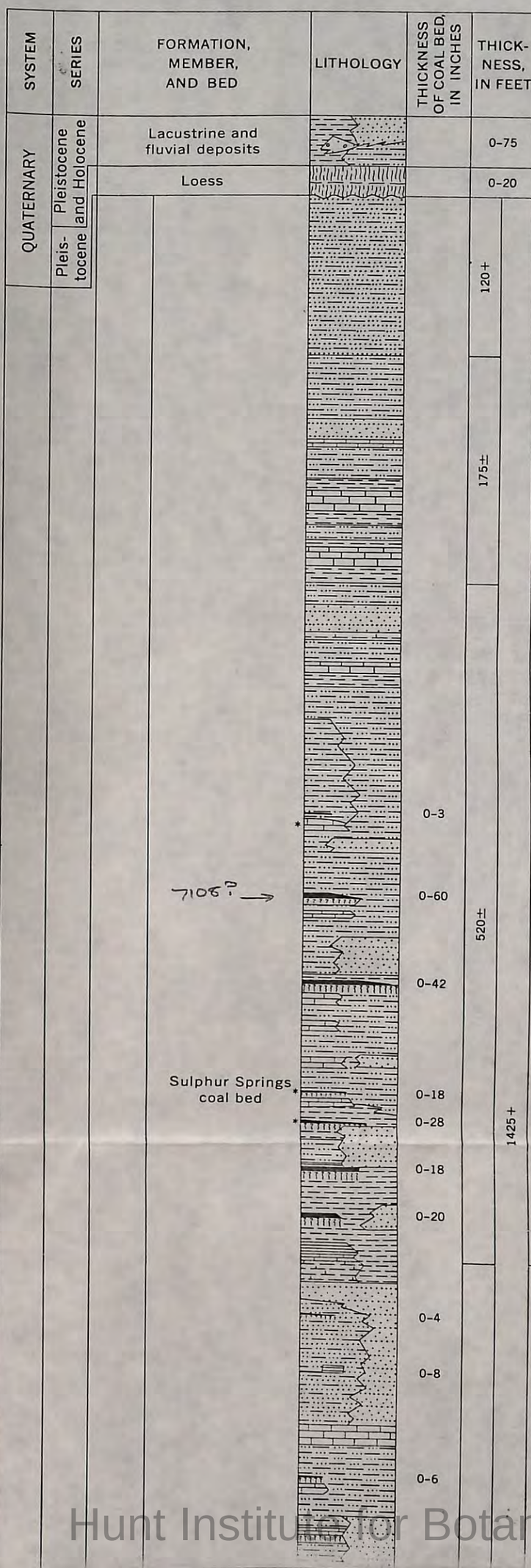
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Box #30			Cored: 310 - 320 Rec. 10.10'
310.00	-	320.10	Dark gray fissile shale with occasional sideritic bands
Box #31			Cored: 320 - 330 Rec. 10.01'
320.00	-	323.13	Shale, as above, found a brachiopod on bedding plane
323.13	-	323.85	Black carbonaceous shale, fossiliferous
323.85	-	324.00	Bony coal
324.00	-	325.05	Clay-shale, dark gray, some green, calcareous
325.05	-	326.85	Limestone, brown to tan, dense to fine crystalline
326.85	-	327.18	Dark gray shale
327.18	-	329.12	Limestone, as above becoming argillaceous toward base
329.12	-	330.01	Dark gray shale with dolomite or siderite band near top
Box #32			Cored: 330 - 340 Rec. 10.10'
330.00	-	338.20	Limestone, light gray to tan to brown, dense, clean to argillaceous, some birds-eye type marking
338.20	-	339.55	Dark gray calcareous shale
339.55	-	340.00	Limestone as above
340.00	-	340.10	Green and gray shale, slightly calcareous
Box #33			Cored: 340 - 350 Rec. 10.00'
340.00	-	342.05	Clay-shale, non-bedded, green and gray with some brown to red, calcareous
342.05	-	345.92	Dark gray silty shale
345.92	-	350.00	Sandstone, medium gray, very fine grained, argillaceous
Box #34			Cored: 350 - 360 Rec. 10.04'
350.00	-	352.45	Sandstone, as above
352.45	-	355.80	Shale, dark gray, silty
355.80	-	360.04	Shale, dark gray
Box #35			Cored: 360 - 370 Rec. 10.08'
360.00	-	370.08	Shale, very dark gray, argillaceous limestone bands and nodules in bottom half, few fossil fragments at base
Box #36			Cored: 370 - 380 Rec. 9.93'
370.00	-	379.93	Shale, very dark gray to black, carbonaceous with bands and nodules of argillaceous limestone as above, scattere fossils throughout
Box #37			Cored: 380 - 390 Rec. 10.00'
380.00	-	390.00	As above
Box #38			Cored: 390 - 400 Rec. 10.30'
390.00	-	390.55	As above
390.55	-	390.61	Coal and black shale with pyritic and calcitic veins
390.61	-	392.35	Coal, bright to dull banded with fusain partings
392.35	-	393.32	Clay-shale, medium gray, non-bedded
393.32	-	393.42	Black shale and bone coal
393.42	-	400.30	Coal, as above, one visible pyrite band (394.15 - 394.26'
Box #39			Cored: 400 - 410 Rec. 9.75'
400.00	-	403.90	Coal, dull to bright with fusain partings
403.90	-	404.33	Black carbonaceous shale and bone coal with horizontal lamination of calcite or limestone
404.33	-	409.75	Clay-shale, medium gray, non-bedded, calcareous plant impressions at top, occasional fractures at 45°

7108

Hunt Institute for Botanical Documentation

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY
V. E. McKELVEY, DIRECTOR



Lacustrine deposits are clay and silt, well-sorted. Clay, white to yellowish-brown, becoming blue or dark gray at depths below about 10 to 15 feet; locally calcareous, micaceous, sandy, or silty. Silt, yellowish-brown, generally becoming medium to dark gray with depth; locally sandy, calcareous, or micaceous. Both clay and silt are derived in part from loess. These Pleistocene lacustrine sediments have been named the Graves Creek Formation by Glenn (1912, p. 26) and are equivalent in age to the Equality Formation of Willman and Frye (1970, p. 72) deposited in Lake Saline (named in Illinois by Willman and Frye, 1970, p. 134). In the Bordley quadrangle they filled the Kentucky equivalent of Lake Saline to an elevation of about 400 feet. Erosion of these deposits by the Tradewater River and its tributaries has formed several terrace levels: at 350 feet (limit of present flood plain); at 370 feet (level reached by major floods; the 1937 flood reached 372 feet according to Walker, 1957, pl. 3); and at about 400 feet.

Fluvial deposits are sand, silt, and gravel, very poorly to well sorted. Sand, yellowish-brown, becoming medium to dark gray at depths below about 10 feet; generally very fine to fine at surface, coarser adjacent to gravel lenses and larger creeks; micaceous; contains minor amounts of fine coal. Silt is in part derived from loess. Gravel is chiefly locally derived fragments of sandstone, siltstone, and shale occurs along valleys of smaller streams. Fluvial deposits commonly mask most older lacustrine sediments, particularly along larger creeks.

Unit equivalent to alluvium of the Providence quadrangle (Kehn, 1966) to the south, where top of alluvium was placed at change from flat to sloping topographic surfaces at elevations of 360 to 380 feet. This break in slope corresponds in part to the 370-foot-terrace level of the Bordley quadrangle. Work by Willman and Frye (1970) in Illinois has resulted in higher topographic placement of top of unit in Bordley quadrangle than in Providence quadrangle.

Silt and clay, yellowish- to grayish-brown; calcareous where thicker than 10 feet; locally sandy. Thickest on hills and ridges in northern part, 5 to 10 feet thick in central part, and 0 to 3 feet thick in southern part of quadrangle. Deposited contemporaneously, in part, with lacustrine and fluvial deposits.

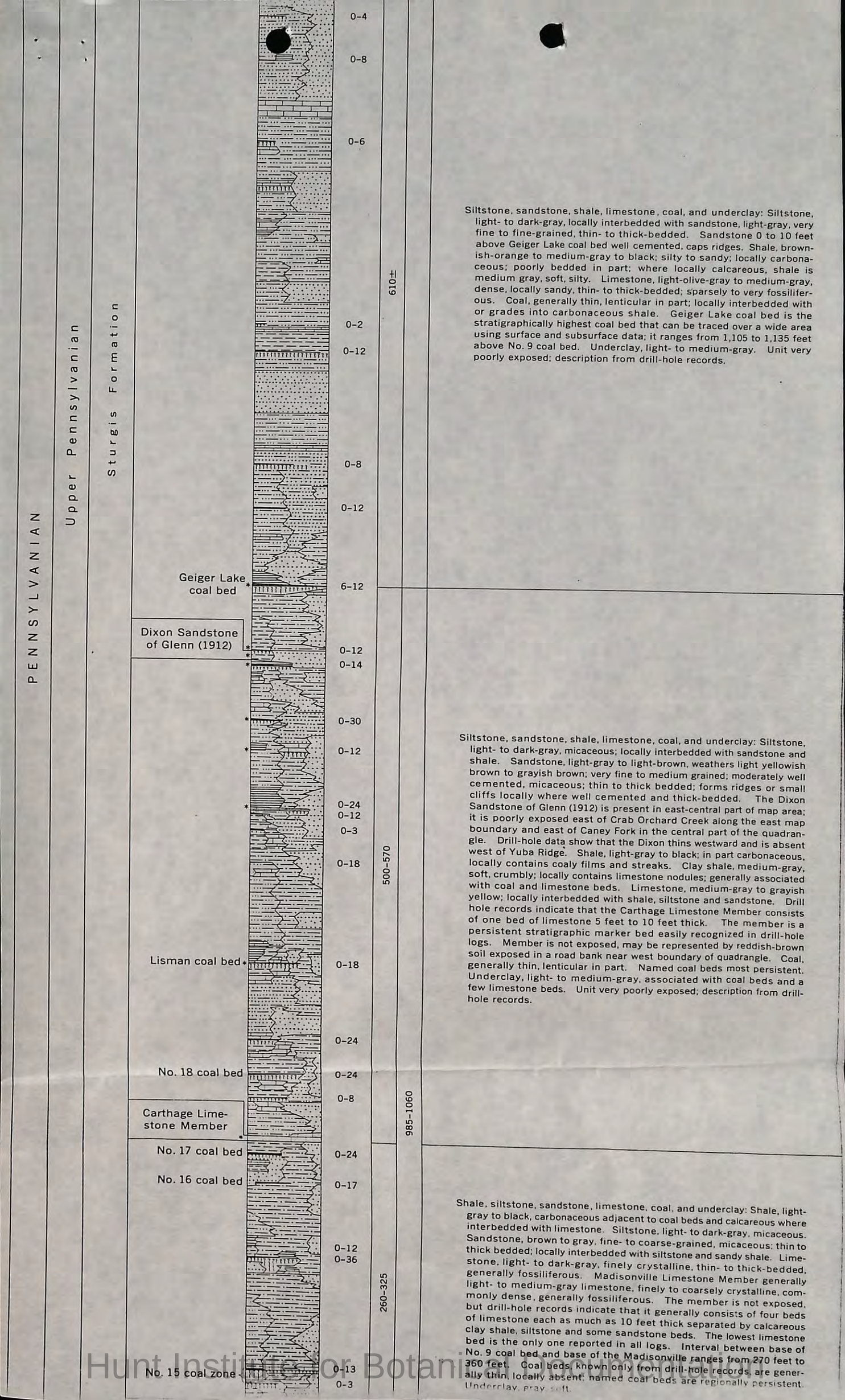
Unit covered by loess and has not been drilled in the mapped area. It occurs in northwestern part of quadrangle in graben that underlies Cap Mauzy Lake. The unit is inferred to consist of sandstone, siltstone, and probably some limestone similar to those rock types described in units below. Thickness estimate based on dips of Sulphur Springs coal bed and a limestone bed, both of which are exposed, and on rate of dip of limestone beds between two drill holes that penetrate the graben.

Strata of this and underlying Pennsylvanian units down to a few feet above the Geiger Lake coal bed were previously assigned to the Henshaw Formation. Underlying strata down to the top of the No. 11 coal bed were assigned to the Lisman Formation. All of these strata have been reassigned to the Sturgis Formation and the names Henshaw and Lisman have been abandoned (Kehn, 1973).

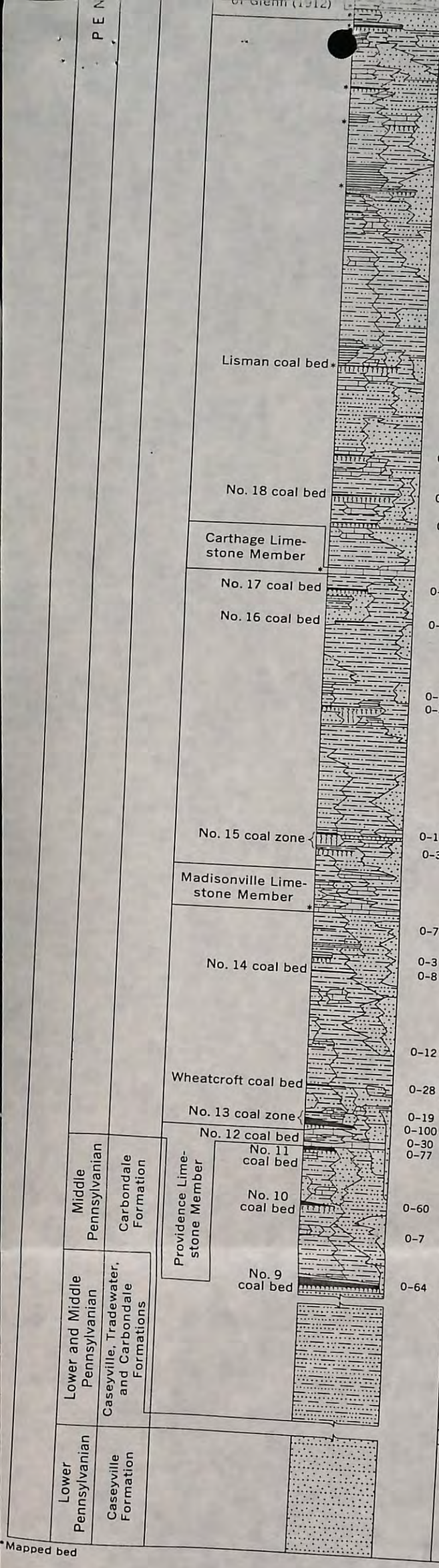
Siltstone, shale, limestone, and sandstone: Unit very poorly exposed. Rock types shown modified from meager descriptions in a driller's log and are probably similar to those of underlying units of the Sturgis Formation. Thickness estimated.

Siltstone, sandstone, shale, limestone, coal, and underclay: Siltstone, light- to dark-gray, micaceous; interbedded with sandstone and shale. Sandstone, white to light-gray, very fine to fine-grained, micaceous, locally silty or shaly, friable. Shale, light-gray to black; carbonaceous where associated with coal beds. Limestone, brown and gray, finely crystalline, dense; silty and shaly. Coal, impure, generally in thin beds. Underclay, light- to dark-gray. Unit very poorly exposed. Kehn (1973, p. B6, B11–B12) supplies a detailed description of unit based on sample descriptions and on an electric log of the stratigraphic test hole CS-1801 in northwestern part of mapped area.

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Siltstone, sandstone, shale, limestone, coal, and underclay: Siltston light- to dark-gray, micaceous; locally interbedded with sandstone ar shale. Sandstone, light-gray to light-brown, weathers light yellowis brown to grayish brown; very fine to medium grained; moderately we cemented, micaceous; thin to thick bedded; forms ridges or sma cliffs locally where well cemented and thick-bedded. The Dixo Sandstone of Glenn (1912) is present in east-central part of map area it is poorly exposed east of Crab Orchard Creek along the east ma boundary and east of Caney Fork in the central part of the quadran gle. Drill-hole data show that the Dixon thins westward and is absen west of Yuba Ridge. Shale, light-gray to black; in part carbonaceous locally contains coaly films and streaks. Clay shale, medium-gray soft, crumbly; locally contains limestone nodules; generally associated with coal and limestone beds. Limestone, medium-gray to grayish yellow; locally interbedded with shale, siltstone and sandstone. Drill hole records indicate that the Carthage Limestone Member consists of one bed of limestone 5 feet to 10 feet thick. The member is a persistent stratigraphic marker bed easily recognized in drill-hole logs. Member is not exposed, may be represented by reddish-brown soil exposed in a road bank near west boundary of quadrangle. Coal, generally thin, lenticular in part. Named coal beds most persistent. Underclay, light- to medium-gray, associated with coal beds and a few limestone beds. Unit very poorly exposed; description from drill-hole records.

Shale, siltstone, sandstone, limestone, coal, and underclay: Shale, light-gray to black, carbonaceous adjacent to coal beds and calcareous where interbedded with limestone. Siltstone, light- to dark-gray, micaceous. Sandstone, brown to gray, fine- to coarse-grained, micaceous; thin to thick bedded; locally interbedded with siltstone and sandy shale. Limestone, light- to dark-gray, finely crystalline, thin- to thick-bedded, generally fossiliferous. Madisonville Limestone Member generally light- to medium-gray limestone, finely to coarsely crystalline, commonly dense, generally fossiliferous. The member is not exposed, but drill-hole records indicate that it generally consists of four beds of limestone each as much as 10 feet thick separated by calcareous clay shale, siltstone and some sandstone beds. The lowest limestone bed is the only one reported in all logs. Interval between base of No. 9 coal bed and base of the Madisonville ranges from 270 feet to 360 feet. Coal beds, known only from drill-hole records, are generally thin, locally absent; named coal beds are regionally persistent. Underclay, gray, soft.

Siltstone, sandstone, shale, limestone, coal, and underclay: Drill-hole records indicate that siltstone, shale, limestone, coal, and underclay are similar to those rock types described in units above. Sandstone, light- to dark-gray, fine- to medium-grained, micaceous; generally soft and friable; thin to thick bedded. All coal beds are thin and lenticular except the lower bed of the No. 13 coal zone which is reported to be more than 8 feet thick in the southwestern part of the mapped area. Top of No. 11 coal bed is base of Sturgis Formation. Upper 65 feet of unit present at surface but is everywhere covered by surficial deposits.

Sandstone, siltstone, shale, limestone, coal, and underclay: Sandstone, light- to dark-gray, fine- to medium-grained, micaceous; thin to thick bedded. Siltstone, reddish-brown to brownish gray, sandy, micaceous; interbedded with sandstone and shale. Shale, light-gray to black; generally silty to sandy; carbonaceous where associated with coal beds. Limestone, light- to dark-gray, dense, crystalline. Coal, generally hard, blocky. No. 9 coal bed generally about 50 inches thick. Underclay, light- to medium-gray, sandy; locally contains pyrite nodules; generally less than 2 feet thick. Approximately 120 feet of section not shown; includes the Nos. 8 and 8b coal beds and beds of sandstone, siltstone, shale, limestone, and underclay as described above. Unit not exposed.

Sandstone, siltstone and shale: Rock types similar to those described above. Unit very poorly exposed in a fault block in northwestern part of quadrangle. Structural data suggest that these rocks probably are stratigraphically above the No. 6 coal bed and below the No. 9 coal bed.

Unit not exposed, includes the lower part of the Carbondale Formation, the Tradewater Formation of Middle Pennsylvanian age, and the upper part of the Caseyville Formation of Early Pennsylvanian age. Rock types include sandstone, siltstone, shale, limestone, coal, and underclay similar to those in overlying units of the Carbondale and sandstone similar to that of the underlying Caseyville.

Sandstone, white to medium-gray, weathers yellowish brown; fine to medium grained; weathered float thin to medium bedded. Unit probably is within the middle part of the Caseyville Formation but structural relations are not completely known. Unit very poorly exposed.

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Sturgis 7½' quad.

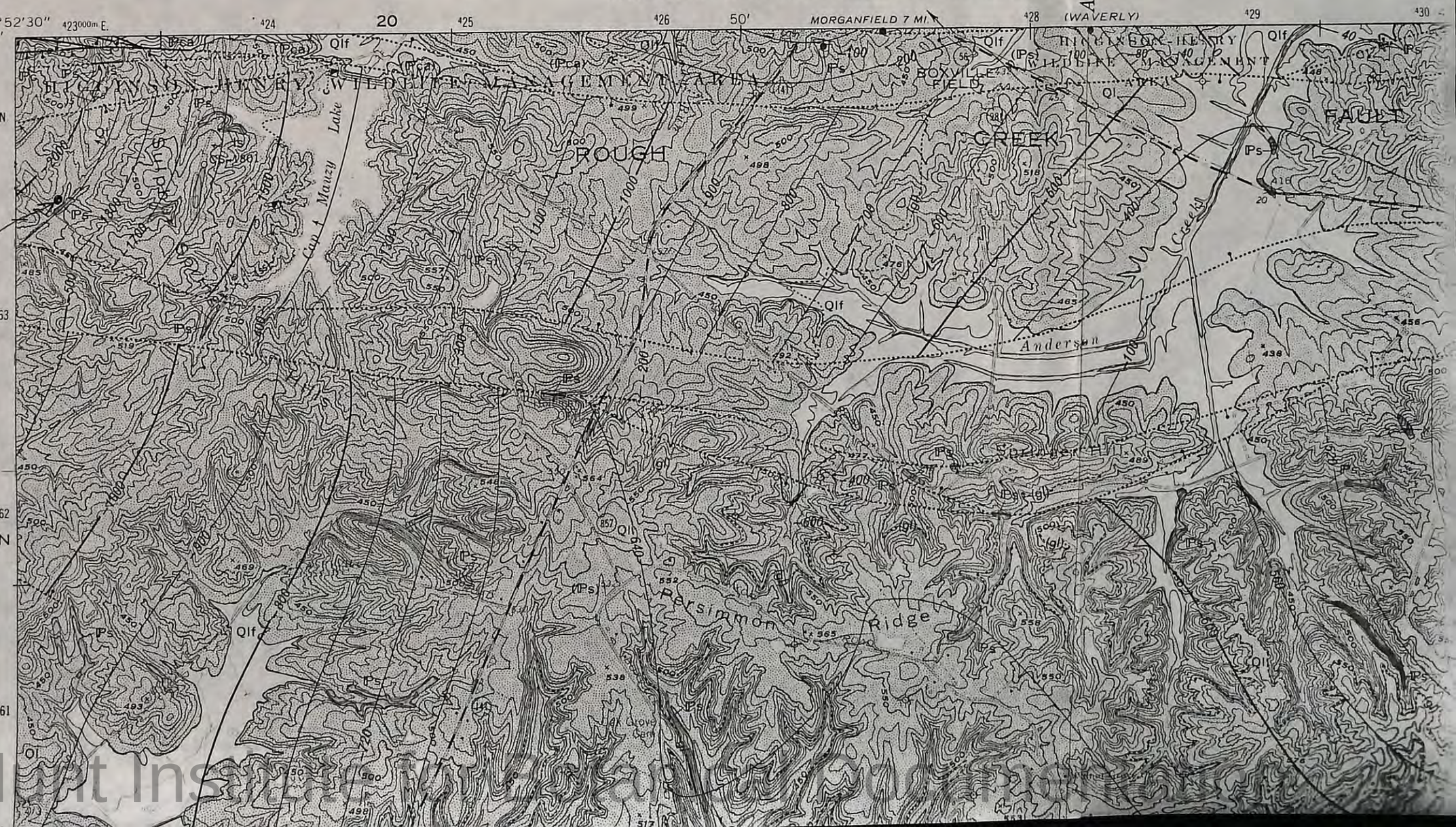
PREPARED IN COOPERATION WITH
ALTH OF KENTUCKY, UNIVERSITY OF KENTUCKY
KENTUCKY GEOLOGICAL SURVEY
W. HAGAN, DIRECTOR AND STATE GEOLOGIST



Hunt Institute for Botanical Documentation

Bordley 7½' quad.

PREPARED IN COOPERATION WITH
THE COMMONWEALTH OF KENTUCKY, UNIVERSITY OF KENTUCKY
KENTUCKY GEOLOGICAL SURVEY
WALLACE W. HAGAN, DIRECTOR AND STATE GEOLOGIST



Hunt Institute for Botanical Documentation

XXXXX

27 September, 1979

Dr. James C. Hower
Institute for Mining and Minerals Research
University of Kentucky
Ironworks Pike, Box 13015
Lexington, KY 40583

Dear Jim:

Thanks for the sample to be used as an unknown. I wonder if you could provide more information regarding the exact locality, etc. Is it a sample in which you have some uncertainty as to the stratigraphic position? I turned the samples for Dr. Artüz over to her, and I suppose you'll hear about that in due time separately.

All the best.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Hunt Institute for Botanical Documentation

3 February, 1986

Professor Hsü Jen
Paleobotanical Laboratory
Institute of Botany
Academia Sinica
141 Hsi Chih Men Wai Ta Chie
Beijing, People's Republic of China

Dear Professor Hsü:

Many thanks for the copy of your 1983 paper from Annals of the Missouri Botanical Garden. I have read it with great interest and profit.

Also, the best personal good wishes to you. My wife and I remember you from the Cambridge Congress in 1980 with great fondness!

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Hunt Institute for Botanical Documentation

9 July, 1985

Dr. Hsu Jen
Institute of Botany
Academia Sinica
141 Hsi Chih Men Wai Ta Chie
Beijing, People's Republic of China

Dear Dr. Hsu:

Thank you very much for the reprint of your very interesting and helpful paper on "Late Cretaceous and Cenozoic Vegetation in China....", and for the marvellous book of vegetation-reconstructions through time. I appreciate the sheet of English explanations, as I guess there will never be enough time for me to learn Chinese!

We remember you often from our meeting in Cambridge in 1980.

All good wishes.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Hunt Institute for Botanical Documentation

中 国 科 学 院 植 物 研 究 所

北京西直门外大街141号

INSTITUTUM BOTANICUM, ACADEMIA SINICA

141 Hsi Chih Men Wai Ta Chie, Peking, China

Dec.6,1979

Prof. Alfred Traverse
Pennsylvania State University
Palynological Laboratories
435 Deike Bld.
University Park, Pennsylvania 16802

Dear Sir;

We have read your letter of 12 Nov.,1979 to Prof Hsu Jen. We are glad to exchange our publications for yours. So the following books have just been mailed to you:

1 中国植物花粉形态 - Morphology of Pollen in China?

2 中国蕨类植物孢子形态 - ??? something about chinese plants

With best regards

Sincerely yours

张如伟

Zhang Ru-wei
(The librarian)

Hunt Institute for Botanical Documentation

Z Personal file 6 May 79

Sheraton-
Commander Hotel
SHERATON HOTELS & INNS, WORLDWIDE
16 GARDEN STREET, HARVARD SQUARE,
CAMBRIDGE, MASSACHUSETTS 02138
617/547-4800

Dear Professor Traverse,

Thank you so much for your very kind letter dated 23 april which was forward to me on the day when we were going to Yale University. It was so kind of you to invite me coming to Pennsylvania state University. as the schedule for PRC Botanical delegation was fixed, there were so many places to be visited and so many scientists in Washington, both palynologists and palaeobotanists, required to be visited, and I am quite lost myself as where I can go, I did not know.

Now, I am in Boston. Probably I will be able to meet Professor E. S. Barghoorn tomorrow and to spend half a day with him and will leave for New York Botanical Garden on May 8.

I am so sorry for not being able to go to Pennsylvania to see you.

Anyway, I may go to Cambridge University to attend the IPC and also wish to attend the geological conference in Paris next year. I am very much to have the wish in looking forward to meeting you and Professor Norris in Cambridge University.

With best wishes to you and Mrs. Traverse.

I am
sincerely yours
J. Hsü

May 6th
1979

DIAL 800-325-3535 TOLL-FREE FOR SHERATON RESERVATIONS WORLDWIDE

Hunt Institute for Botanical Documentation

file

13 November, 1986

Mr. Hu Zhongheng
137, No. 10, Shao Zhou Lu
Shanghai, People's Republic of China

Dear Mr. Hu:

Thank you for yours of 31 October.

I have no control over the admission of graduate students here, nor am I in a position to arrange financial assistance. In other words, if you wished to come here to work with me you would have to apply to this university through the graduate program in geology and be accepted. Some financial help is apparently possible through your government, as other Chinese are here on such support. IN practice, once you are admitted and are here, more support is usually forthcoming. But, once again, your admission through the graduate program in geology is something you have to accomplish yourself.

Write to:

Pennsylvania State University
Graduate Program in Geology (attention: Linda Gruhn)
543 Deike Building
University Park, PA 16802

Ms. Gruhn will send you the appropriate materials and information.

Best wishes to you.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Hunt Institute for Botanical Documentation

137, No.10, Shao Zhou Lu
Shanghai, P.R.C.

Professor Alfred Traverse
College of Earth and Mineral Science
Dept. of Geoscience
Palynological Laboratories
The Penn State University, U.S.A.

Dear Professor Traverse:

Thanks very much for the letter and the publication you recently sent.

I am glad to see that you are interested in "A research on Cenozoic palynology of the Longjing structural area in the shelf basin of the East China Sea" and "Late Oligocene and Miocene palynological assemblages from South Huanghai Sea and its neighboring land" written by me and other.

I know you are not only one of the organizers of AASP, but also a excellant director in stratigraphic palynology.

Having received my M.S. from The Tung-Chi University, China, I have been taking up Palaeogene and Neogene palynology. Besides, sometimes I research Querternary palynology too.

I would very much appreciate an opportunity to study in your Department, for I know I could learn much from studies under your guidence. But I know there are two problems about anticipated expenses and the text of TOEFL and GRE. As you know these are difficult to me under the recent conditions..

If you could consider giving me the chance, I would be grateful to you very much and do my best for you.

As to Song and Liu,1982, you could look up from""the Tertiary sporo-pollen assemblages from Namling of Xizang" by Song Zhichen and Liu Jingling,1982, Palaeontology of Xizang, book 5, Science Press(Bejing); Song and al. 1981, from "Cretaceous-Tertiary palynological assemblages from Jiangsu" by Song Zhichen and other,1981, Geological Publishing House(Bejing); Li and Sun,1981, from "Tertiary palaeontology of north continential shelf of South China Sea, part pollen and spores by Sun Xiangjun and other, Guangdong Science and

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Technology Press(Guangzhou),1981.

I look forward to hearing from you.

Yours very truly,

胡仲衡

Hu Zhongheng

31 October,1986

Hunt Institute for Botanical Documentation

7 October, 1986

Dr. Hu Zhongheng
Research Party of Marine Geology'
Ministry of Geology and Mineral Resources
Gaoqiao, Shanghai
People's Republic of China

Dear Dr. Hu:

Thanks very much for the publications you recently sent. Unfortunately (see enclosed xerox copy), the package was damaged in delivery, through the fault of our Post Office Department.

The book, "A research on Cenozoic Palynology of the Longjing structural area in the shelf basin of the East China Sea (Donghai) region," arrived in good order. Along with it was a reprint, "Late Oligocene and Miocene palynological assemblages from South Huanghai Sea and its neighboring land," which consists of pp. 37-46 (Chinese) and p. 49 (English). The reprint could be missing a few pages?

In any event, I profitted greatly from reading these papers and I thank you very much for thinking of me.

How could I obtain a copy of Song & Liu,1982 and Li and Sun, 1981?

Best wishes.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et
encl: reprint
post office memo

Hunt Institute for Botanical Documentation

27 August, 1982

Dr. T-C Huang
Department of Botany'
National Taiwan University
Taipei, Taiwan, ROC

Dear Dr. Huang:

Thank you so much for the packet of reprints of your papers on a wide range of palynological subjects, which recently arrived. Inasmuch as I keep a generic list of all new genera, the systematic papers are especially important, but I have found them all interesting. It was good to see you and your wife just about a year ago now, and I hope it won't be too long before we can get together again some place!

As a collector of stamps with plants on them, I was interested in the "20" denomination on the packet. Is the plant in question Chaenomeles? Is it part of a series?

Best wishes to you and for your research.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Hunt Institute for Botanical Documentation

September 8, 1972

Dr. T.-C. Huang
Department of Botany
National Taiwan University
Taipei, Taiwan
Republic of China

Dear Dr. Huang:

I am deeply gratefultto you for providing me with a copy of your beautifully illustrated book, "Pollen flora of Taiwan". This work will be extremely useful to me in my research for reference and furthermore provides guideposts for all those who will later produce other pollen floras. You are much to be congratulated on a very well done and useful peice of work.

My very best wishes to you and thanks again for the book.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

Hunt Institute for Botanical Documentation

UNIVERSITY OF SOUTH CAROLINA
COLUMBIA, S. C. 29208

DEPARTMENT OF GEOLOGY

January 21, 1985

Dr. Alfred Traverse
Travspore, Inc.
R.D. 2, Box 390
Huntingdon, PA 16652

Dear Dr. Traverse,

First of all, I can see that this typewriter refuses to print the numeral "one" and I am no typist to begin with, so I hope you can still make sense of this letter. I will print the letter "l" whenever I need a "one".

I thoroughly enjoyed meeting and talking with both you and Mrs. Traverse last week during my visit to Penn. State. Your guidance and ideas were most helpful in the short amount of time I had with you. I attepted to see you Thursday, Jan. 17, to say goodbye and to pick up the two kerogen isolates you had for us but the weather overruled us both! If you could send them on, I would be most grateful.

I am sending the freeze-dried kerogen of sample HT-P-CO-1 as you requested. This sample is from the Lower Portland Fm. in the Hartford Basin. The sampling locality as it was given to me is: -East Bank Coginchaug River, off Forest St., Middletown, CT; lat. 41°32'20", long. 72°32'20"- Please let me know immediately if the quantity in the vile is inadequate.

In addition, I am sending two whole rock samples from the Richmond Basin for palynological analysis: 1) RM-VB-LT-1 is from the Vinita Beds in the Richmond Basin; lat. 37°35'44", long. 77°38'40" and 2) RM-CM-GR-1 is from the Coal Measures of the Richmond Basin; lat. 37°37'03", long. 77°38'16". I am sending you this information without Dr. Schamel's blessing because I too get tired of working in the dark.

I had a great deal of fun trying (and mostly failing) to remember my German Tuesday afternoon! I am trying to make the time each evening to read some German paperbacks but it's hard to convince the clock of the importance of this!

Thank Mrs. Traverse again for the cookies and chocolate. I thank you both for your warm hospitality and look forward to seeing you both again soon. I am reminding Dr. Schamel weekly of our interest in bringing you down here. I almost forgot to mention the most important material I am sending- the paper for recycling Zinc Bromide! I hope it is of some help to you. I received it from Margaret Hildick at Gulf Research in Houston.

Take care and keep warm!

Sincerely, Iris G. Hubbard

Iris G. Hubbard

The University of South Carolina: USC Aiken; USC Salkehatchie, Allendale; USC Beaufort; USC Columbia; Coastal Carolina College, Conway; USC Lancaster; USC Spartanburg; USC Sumter; USC Union; and the Military Campus.

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P.S. I am also sending the freeze-dried kerogen of stample TV-7 9/22/F from the Doswell Fm. of the Taylorsville Basin (lat. 37°48'07", long. 77°26'27") — when I looked at the smear slide we made, it looked like it had some "Jurassic" fungal forms. I don't think you've done this stample.

Iris

Hunt Institute for Botanical Documentation

SCIENCE

Hubbard, R. N. RE976229
'Jurassic Dinoflagellate Cysts and Climates'

Comments for transmittal to author

See attachment

(Continue on an additional sheet if necessary)

Overall Evaluation

- ☐ Excellent and exciting
- ☐ Above average
- ☒ Mediocre or poor (as presented)
- ☐ Belongs in a more specialized journal

Recommended Action

- ☐ Publish without delay
- ☐ Publish after minor revisions
- ☐ Publishable; not highest priority for ***Science***
- ☒ Needs rereview after substantial revisions
- ☐ Reject

Signature: Alfred Traverse
Name: Dr. Alfred Traverse
13750
bh

Date Sent: 11/25/97
Date Returned: 2 Dec. 97

Hunt Institute for Botanical Documentation

Science review

Hubbard and Riding are well known to me from other publications, and I respect their scientific ability. I have the feeling that the current paper represents a possibly exciting breakthrough in analysis of Mesozoic microfossil data. However, I find that the paper as presented has been hastily thrown together without enough supporting information and connecting explanations to convince a critical reader that the rather sweeping conclusions are supported. The multivariate statistical analyses mentioned in the abstract are scarcely explained at all in the text, and I am not even able to conclude how the data in Tables 1 and 2 relate to each other. Do the assignments in Table 1 depend in some way on the results of the PCA in Table 2? How the authors got from the PCAs to the climatic conclusions the dinoflagellate data supposedly indicate is not at all clear to me. The microfossil diagrams as presented seem only in part to support the conclusions of agreement between the groups of organisms at various levels. It could well be that the authors can explain easily what the PCAs mean, how the climatic conclusions for sporomorphs were generated, and show more clearly than the present diagrams do how the records correlate. I am merely saying that I am uneasy that these things are not done in the present paper. It tries to do too much in too few pages. There are too many very important blanks and things not adequately explained. I think something so important is worth doing well and, in this case, in considerably more length. Perhaps the authors in a rewrite could explain better what they have done and how they put their data together. (It could well be that what needs to be done simply cannot be done within the space limitations of a Science report.) I also must note that there is other evidence of haste in putting this paper together: Figure 1 caption (p. 13) says that it presents dinoflagellate cysts and pollen diagrams. But ammonite data are also presented, and I presume from the literature references that "pollen" also includes spores? Table 1, said to present dinoflagellate data, also presents acritarchs and prasinophytes. That's rather sloppy business.

Hunt Institute for Botanical Documentation

Comments: Authenticated sender is <bhanson@mail.aaas.org>
From: "Brooks Hanson" <bhanson@science.aaas.org>
To: traverse@ems.psu.edu
Date: Fri, 21 Nov 1997 14:51:09 +0000
Subject: Science review?
Priority: normal

file Hubbard

Dear Dr. Traverse:

Would you have the time and interest to review a manuscript for SCIENCE? The paper is:

R. N. Hubbard, and J. B. Riding: Jurassic dinoflagellate cysts and climates. The authors compare dinoflagellate biogeography to pollen data to reconstruct Jurassic climates.

We normally ask that reviews be completed within two weeks, but a return after the AGU meeting is acceptable. The paper is short, 8 pages of text. If you are able to review the paper, please provide a complete address and phone number. We will send the paper by express. If you are not able to complete the review, any suggestions of other appropriate referees would be welcome.

Thank you for your time and help.

Sincerely,
Brooks Hanson
Senior Editor
Science
1200 New York Avenue, NW
Washington, DC 20005
Phone--202-326-6506
Fax--202-408-1256
bhanson@aaas.org
http://www.sciencemag.org/

Hunt Institute for Botanical Documentation

To: bhanson@science.aaas.org
From: traverse@ems.psu.edu (Alfred Traverse)
Subject: review of article
Cc:
Bcc:
X-Attachments:

Dear Friend:

Yes, I would be willing to review the article about which you queried me per e-mail of 21 Nov.

Happy Thanksgiving. Al Traverse.

Hunt Institute for Botanical Documentation

as corrected.

NATIONAL SCIENCE FOUNDATION

PROPOSAL RATING SHEET

Reviewer
Dr. Alfred Traverse
Department of Geosciences
Pennsylvania State University
University Park, Pennsylvania 16802

Proposal No.: 76-02741
Investigator: John F. Hubert
Institution: Univ. of Mass. Geology Program
Please return to:
If possible by: 10/31/75

Comments *(Continue on additional sheet if necessary)*

I have read the Hubert proposal and have also discussed the intended work with Bruce Cornet, my graduate student whose paper with me is referred to in the proposal. We both feel that this is an important piece of work in connection with the rapidly expanding interest in the Newark Basins generally and in the Hartford and associated basins of Connecticut and Massachusetts in particular. The question of the sedimentary history of the presumed lake sediments is very pertinent to the general history of the basins and is a very worthwhile piece of work. The only criticism of the research outline itself that I can offer is that it is very general. I would have found a map showing precisely where Hubert intends to concentrate his efforts helpful--the well informed reader could judge the approach better with such information available. Dr. Hubert is a good researcher; he is very well situated geographically to do this job and has all of the necessary facilities at U. Mass. for the proposed research. The budget seems modest (perhaps too modest)--I really can see no holes in it.

OVERALL RATING

- ☐ EXCELLENT
- ☐ VERY GOOD
- ☐ GOOD
- ☐ FAIR
- ☐ POOR

NSF Form 173, January 1968

Signature of Reviewer: Alfred Traverse

Other suggested reviewers *(optional)*:

See attached sheet

"Reviewers' comments are solicited and received in confidence by the National Science Foundation, an agency of the U.S. Government, and will be given maximum protection from disclosure permitted under applicable laws, including 5 U.S.C. 522 (The Freedom of Information Act)."

Hunt Institute for Botanical Documentation

Other suggested reviewers:

Dr. Van Houten should see this if he hasn't already. How about Folk at Texas and Peter Stoffers (Heidelberg) as other possibilities? I have great respect for Stoffers' opinion. (He has excellent English, by the way.)

Hunt Institute for Botanical Documentation

December 19, 1974

Dr. John F. Hubert
Department of Geology & Geography
University of Massachusetts
Amherst, Massachusetts 01002

Dear Dr. Hubbrt:

For some reason your letter of December 6 to Bob Perkins regarding the paper by Cornet and me on the Hartford Basin was sent to me for answer! This paper is in press in Geoscience and Man. I guess what Perkins meant by sending the thing on to me was that it has not yet come out though should in a matter of a few months. I would think what you ought to do is to tell Perkins to send you the appropriate copy of Geoscience and Man when the time comes. I suspect what has happened is that Perkins didn't recognize the title of the paper as one of those currently in press!

Hoping to meet you one of these years and with best wishes for the holiday season, I am

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/vsi

Hunt Institute for Botanical Documentation

The Commonwealth of Massachusetts
University of Massachusetts
Amherst 01002

DEPARTMENT OF
GEOLOGY AND GEOGRAPHY
MORRILL SCIENCE CENTER

Telephone: (413) 545-2286

November 12, 1973

Mr. W. Bruce Cornet
Dieke Building, Rm. 517
Geology Department
Pennsylvania State University
University Park, Pennsylvania 16802

Dear Mr. Cornet:

Ed Belt of Amherst College gave me your name suggesting we have mutual interests in the "Triassic" of Massachusetts and Connecticut. I and two of my students are studying the sedimentary petrology, primary sedimentary structures, and depositional environments of the East Berlin Formation, Portland Arkose, and Turners Falls Sandstone. We are especially working on the lacustrine black shales and associated rocks. In this connection we could be very interested to learn what the spores and pollen are saying about the climate and age of the rocks. Do you have any reprints or preprints of your work that we could look at? If you should pass near Amherst, I would greatly appreciate the opportunity to meet you and talk over Triassic problems. I could also put you up for the night at my house.

If you want some black shale samples for your work, we would be glad to send you some in exchange for a copy of the data you get on their organic remains. If you want samples let us know how many pounds, etc.

Please accept my best wishes for success in your work.

Regards,

John

John F. Hubert
Professor of Geology
(Ph.D. PSU 1958)

With PDF + Griffiths

JFH/ik

Hunt Institute for Botanical Documentation

27-I-93

file

Statement on Hueber & Hotton Proposal

This is an excellent proposal to do a very interesting and potentially very significant piece of work relating to the paleoecology of land plants in the midst of their most dynamic period of evolution. The integrated procedure proposed is well conceived, though very ambitious. The personnel are well known to me. Dr. Hueber is one of the very few people who could legitimately claim the vast experience, knowledge, and know-how to undertake this project. Dr. Hotton, on the other hand, has no previous experience, as far as I know, in Devonian palynology, and has a lot of on-the-job learning to accomplish. Devonian spore-based palynology is rather different in many ways from the Cretaceous/Cenozoic palynology with which she has worked in the past. It is not clear who Dr. Hotton's mentor with the Devonian palynology will be. Nothing is said in the proposal-proper, or budget, as far as I can see, about equipment and supplies for palynology. Somebody has to provide the facilities and pay for the chemicals, etc. Apparently SUNY-Binghamton will take care of this? Although I have some concern about these matters, they do not detract from the merits of this very significant proposal. I recommend that it be funded.

I would like to call attention of the proposers to a couple of small errors in the proposal. First, on p. 3, l. 1-2, it is stated that the first colonization of land by plants was in Late Silurian-Early Devonian, but that occurred a whole period earlier in Late Ordovician-Early Silurian time. Secondly, in several different places in the proposal the proposers use "microflora" and "microfloral" when they should use "palynoflora" and "palynofloral." "Microflora" refers not to a flora of plant microfossils, but to a flora of minute plants, e. g. the flora of an animal gut. (As Casey Stengel used to say, "you could look it up.")

Hunt Institute for Botanical Documentation

2 September, 1985

Dr. Francis M. Hueber
Curator, Department of Paleobiology
National Museum of Natural History
Smithsonian Institution
DC 20560

Dear Fran:

Thanks for yours of 23 August. I'll send a letter to Duck Choi, so that he can know what's going on. He has already published one paper on the thesis materials and perhaps can send you a reprint, if he hasn't done so already.

I gather that provision of a set of duplicate slides will satisfy USNM's requirements. I am therefore requesting that Dr. Choi prepare such a set from his cuts of the residues, and send the slides to you.

Hope this will be o.k. Let me know if there is any problem with this arrangement.

Best wishes, as ever.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et
cc: Dr. D. K. Choi

Hunt Institute for Botanical Documentation

National Museum of Natural History • Smithsonian Institution
WASHINGTON, D.C. 20560 (202) 257-1801

August 23, 1985

Dr. Alfred Traverse
Palynological Laboratories
College of Earth & Mineral Sciences
435 Deike Building
The Pennsylvania State University
University Park, Pennsylvania 16802

Dear Al:

Our newly instituted inventory system requires review of outstanding loans. I have enclosed xerox copies of the loan details on specimens sent to you for Duck K. Choi's graduate studies. According to the loan agreement, the glycerine residues and a reference set of slides were to be returned to the USNM. The type and figured specimens were also to be returned to the museum after publication. As I understand the status of the specimens, the type and figured specimens were taken by Dr. Choi to Korea until such a time that the results of his study were published and this has not yet been completed. Have you heard from Dr. Choi recently as to the progress on publication? With regard to the residues and reference set of slides, Leo Hickey has agreed that the glycerine residues may be retained by your laboratory but that a reference set be prepared for deposit at the USNM. Can this latter action be completed in the near future? I do realize and sympathize that such preparations involve a good deal of time, particularly with 49 samples in question.

Any word from you regarding the status of the loan will be greatly appreciated for the record of our review of same.

All the best.

Sincerely yours,

Fran

Francis M. Hueber
Curator
Department of Paleobiology

fmh
enclosures.

Hunt Institute for Botanical Documentation

7 December, 1983

Dr. Francis Hueber
Curator, Division of Paleobotany
M.S. 164
Smithsonian Institution
Washington, DC 20560

Dear Fran:

Great paper on Baragwanathia! I don't regularly see Bot. J. Linn. Soc., so I especially appreciate the reprint. That Pratt et al. is "better documented" than Strother & Traverse, I doubt...but that's the way it goes!

You are still most welcome to visit here any time, to go look at Silurian sections with us, give a lecture on Devonian lycopods (or whatever), etc. Just propose a time-frame.

All the beds.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Hunt Institute for Botanical Documentation

11 May, 1983

Dr. Francis Hueber
Curator, Division of Paleobotany
Smithsonian Institution
Washington DC 20560

Dear Fran:

My graduate student, Duck K. Choi, received all samples for his doctoral dissertation from Leo Hickey going on 4 years ago. You may recall meeting Mr. Choi at that time (I think!).

Choi is now completing his degree work and would like to deposit the slides with figured specimens, etc., with USNM. He now needs to assign numbers--how does he do this? We are talking about ±100 slides.

All the best.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Hunt Institute for Botanical Documentation

4 June, 1982

Dr. Francis Hueber
Curator, Division of Paleobotany
Smithsonian Institution
Washington, DC 20560

Dear Fran:

Good to talk to you yesterday. I look forward to visition you in DC, and the date is now firm: Thursday, 24 June, presumably a.m.

Ron Litwin would like to borrow specimens of:

Cynepteris lasiophora Ash (USNM 42947)
Clathropteris walkeri Daugherty (USNM 42974)
Todites fragilis Daugherty (the specimens from which transfer preparations with the numbers USNM 42935-42940 were made)

Any other fertile specimens of these species would also be very helpful. Mr. Litwin would like permission to remove very small pieces of the specimens with a small dissecting needle for light and SEM study. I can vouch for the fact that he is a very careful and skilled worker who will not significantly alter the specimens. The SEM (and other) preparations would be returned along with the specimens, although we would like permission to deposit slides of the isolated sporangia and spores in the Penn State collection.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et
cc: R.J. Litwin

Hunt Institute for Botanical Documentation

Clathopteris –

sporangial ingression often reddish –

sporangia black after a some ages

Cynepteris

Ash 1969

Fig. 16 H – look for concentrated sporangia as in fig.

Todites

Fig 13, Ash. 1969

need to be able to cut very small piece out.

Hunt Institute for Botanical Documentation

30 April, 1982

Dr. Francis Hueber
Curator, Division of Paleobotany
Smithsonian Institution
Washington, DC 20560

Dear Fran:

Thanks for yours of 26-IV. Re the title, I still say that megaspores are palynomorphs, and in any event p. 4 says there are two microspore species described, so there are problems with the title. But it isn't a serious matter for sure.

Fairly severe "charging" is evident in: Pl. 23, figs. 2 & 3; Pl.22, figs. 3 & 4; Pl. 20, fig. 4; Pl. 14, fig. 2; Pl. 3, fig. 4; Pl. 1, figs. 1 & 4. Less serious "charging" can be seen in other figures. However, I should stress that this doesn't mean the pics are lousy or that one can't interpret the structures shown! I brought it up as I wondered if the Elmer's glue is responsible. Does your technician advise the glue?

"In August" means AIBS? Yes, I'll be here. Indeed I have done the local planning. However, you may see me sooner. A graduate student and I (Ron LItwin) would like to visit you to (we hope) borrow a specimen of Triassic fern for his master's (nearly complete--he'll report to Paleobot. Sect. in August). Would 3, 4, 7 or 8 June be possible? Which day is best?

Best wishes.

Yours very truly,

Alfred Traverse
Professor of Palynology

ATet

Hunt Institute for Botanical Documentation

National Museum of Natural History · Smithsonian Institution
WASHINGTON, D.C. 20560 · TEL. 202-357-1801

April 26, 1982

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

Dear Al:

Thank you for your comments re my palynological efforts. I have great respect for Bob Tschudy and for his review of my original manuscript for the paper.

With regard to the"charging notable" in a few of the pictures in the paper, I wonder if you would give me specific examples from among those you have noticed. I would like to point the examples out to the staff of our SEM laboratory.

I look forward to your reply.

See you in August?

Sincerely yours,

Fran

Francis M. Hueber
Curator
Division of Paleobotany

Hunt Institute for Botanical Documentation

20 April, 1982

Dr. Francis M. Hueber
Smithsonian Institution'
Department of Paleobiology
Natural History, Stop 164
DC 20560

Dear Fran:

Thank you for the handsome monograph re your palynological work. The title is intriguing ("my" definition of palynomorph includes megaspores. Crybelosporites is, of course, not a megaspore.) I guess you could have sdid, "...and other palynomorphs". It sure was fun reading.' Your techniques section is very useful. I am prompted to try the Elmer's glue business for coverslip SEM mounting. But I wonder if the glue is responsible for the "charging" notable in a few of your pics? (They are nevertheless great photos!)

Best wishes.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Hunt Institute for Botanical Documentation

Hueber

November 18, 1970

Dr. F.M. Hueber
Curator
Division of Paleobotany
Smithsonian Institution
Washington, D.C. 20560

Dear Fran:

Could you spare a copy of your papers (Amer. J. Bot., 1962; Bull. Torr. Bot. Club Mem., 1964) relating to the relationship of psilophytes and the origin of ferns? I occasionally have to give lectures in this general area, either in my own courses or as a substitute for Bill Spackman, and your papers would be very useful in that connection.

Hoping that everything is well with you and with best wishes, as always, I am

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

Hunt Institute for Botanical Documentation

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

30 January, 1995

Mrs. Pamela Hughes
53 Hartington Grove
Cambridge, England CB1 4UA

Dear Pamela:

I'm having a rare day at home to catch up on reading and correspondence and have come across your note of 8 Oct. 94 with the news of Norman's death. I'm pretty sure that I responded at the time, but a bit more can't do any harm.

Actually, bad news does travel fast, and someone phoned me with this particular piece of information about 20 Sept. or so. I'm getting to be the age (will be 70 this year) at which such news is happening too often. We just bought a new car, and Ford sent us a questionnaire to fill out about it--one of the questions was about my age, and for the umpteenth time I had to check the last box they provided. Depressing.

We so enjoy your etchings, per your Xmas messages. I never get around to digesting them properly until summer, and they they carefully put in a folder of PH artwork, which I treasure.

I'm pretty sure that the present powers that be in the successor organization (IFPS) to IPC wouldn't admit it, but it was Norman and I who turned that outfit into a viable international body. Indeed, it was Norman who singlehandedly prevented Bharadwaj from taking it over in India in 1976 and got me elected instead. That was the most critical event in the history of international palynological organization.

Betty and I both wish you all the best for 1995 and hope you will keep in touch.

Yours very truly,

Alfred Traverse

Hunt Institute for Botanical Documentation

53 Hartington Grove
Cambridge
CB1 4UA
Tel. Cambridge 246087

8th Oct. 94.

Dear Al & Elizabeth,

I have some very sad news for you, which you probably do not know anything about. Roman died on Sept 18th in Hospital here in Cambridge. He had not been well during the spring & summer and was being treated, for what was thought to be a rather obscure Rheumatic Disease, with Steroids. He became very ill at the end of August and was taken into hospital as an emergency on Sept 18th & he died of Cancer which had spread to the Kidneys & the bones. He died quite peacefully at one o'clock in the morning of Sept 18th.

I enclose the Obituary Notice that Brian Harland wrote and was published in the Independent Paper, on 7th Oct.

With Love & good wishes,

Jane

Hunt Institute for Botanical Documentation

Norman Hughes

The Independent 7 Oct 1994

NORMAN HUGHES was known internationally for his contribution in the field of palynology, the study of plant microfossils — mainly pollen and spores.

Hughes took the rare opportunity afforded by the Natural Sciences Tripos in Cambridge to become a geologist with a thorough biological training and wide interests in the life sciences. In his chosen field his rigorous work led to original methods and insights. Focusing on Mesozoic stratigraphy and the origins of flowering plants or angiosperms he developed methods for recording data and was early in employing the electron microscope, which yielded a new wealth of information beyond what could previously be seen.

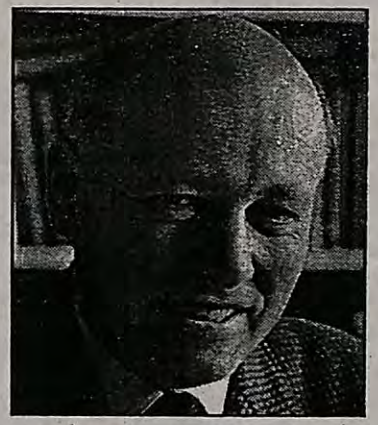
The electron microscope's much greater magnification allowed a higher level of discrimination between different kinds of fossils, revealing small evolutionary changes which had previously been undetectable. Hughes argued the advantages of microfossils, which are sampled in their thousands, as compared with megafossils from which species are erected often from few or even only one specimen.

His "biorecords" related individual characters to their stratigraphic context showing how much critical information is lost when only species descriptions are employed for purposes of comparison. Many traditional palaeontologists mistakenly perceived this as a threat to the time-hallowed Linnaean system of nomenclature in which so much had been invested. Hughes advocated his biorecords as a supplement rather than a replacement to this system, whose bands of classification are far less detailed. Regrettably his rigorous reasoning was too often ridiculed rather than countered. Hence he suffered, not by his own choosing, as an anti-establishment figure.

He argued against the common neontologists' practice of deducing evolutionary lineages from living material, on the basis that only the fossil record can provide reliable evidence. After authoring (and editing) more than 70 scientific papers and books, his last work, *The Enigma of Angiosperm Origins* (1994), throws down a methodological challenge to the biological community, with the possibility of no explanation in a single lineage. It remains to be seen how far this challenge will be met.

Hughes was born in 1918 and educated at King's College School, Wimbledon, and Queens' College, Cambridge, where he won the Wiltshire Prize on Part I of the Natural Sciences Tripos before serving in Field and Survey Regiments of the Royal Artillery in North Africa and Italy. He completed his Part II in 1947 with First Class Honours and won the Harkness Scholarship. His military service continued, however, till 1970 in the Royal Engineers Specialist Pool of Geologists of the Territorial Army, rising to the rank of Colonel and advising on terrains in many parts of the world.

On graduating he became lecturer in Geology at Bedford College, London, and in 1952 he moved to a University Lectureship in Cambridge, where he remained until his retirement in 1985. During this period, entirely on his own initiative and working with a succession of some 25 research students, he developed an internationally recognised school in palynology. He served as President of the International Commission for Palynology in the early Seventies and on many other international organisations, including two subcommissions of the Commission of Stratigraphy of the International Union of Geological Sciences, and he led projects in the International Geological Correlation Programme.



Hughes: heavyweight

Hughes was one of the founding members of the Palaeontological Association and served it many years in various capacities. He was active in other bodies, notably the Geological Society of London, especially chairing the Stratigraphy Committee. He was awarded an ScD degree on his research in 1977.

Hughes was elected to a Fellowship at Queens', Cambridge, in 1963, and continued till his death serving in several college offices, not least as an expert on wine. As Steward he figured in the BBC television series on the college in 1984.

Not long before his death he and his wife Pamela, who survives him, celebrated their golden wedding. They had no children. Together they enjoyed the countryside, especially bird-watching, and he actively supported her career as an artist.

As a person Norman Hughes was heavyweight, not easily ignored. Perhaps in the eyes of some he could appear outrageously authoritarian. But in personal contacts he was exceptionally unselfish and generous with his time, especially to students. He belonged to a diminishing university tradition where teaching is primary, requiring hours of meticulous preparation of materials.

Conscientious in all he undertook and expressing himself with economy and precision, he was one of the rocks on which the excellence of a university system is built.

W. B. Harland

Norman Francis Hughes, geologist: born 4 August 1918; Lecturer in Geology, Bedford College London 1947-52; Lecturer in Earth Sciences, Cambridge University 1952-85; Fellow, Queens' College, Cambridge 1963-94; married 1944 Pamela Le Boutillier; died Cambridge 18 September 1994.

Hunt Institute for Botanical Documentation

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

23.März.93

Humboldt Universität zu Berlin
Redaktion Wissenschaftliche Publikationen
1086 Berlin, Mittelstraße 7/8
Deutschland

Sehr geehrte Kollege/-innen,

bezüglich der beigelegten Publikation ("Höhere Pflanzen....") habe ich ein Problem für das ich wahrscheinlich verantwortlich bin. Ich habe vielleicht zwei Kopien komischerweise bestellt. Für die andere Kopie habe ich schon bezahlt (ich habe Bargeld zu einem Wissenschaftler im Hause geschickt, und ich habe vor ein paar Wochen das Büchlein bekommen). I brauche natürlich nur ein Exemplar des Büchleins (ich habe es schon mit Vergnügen gelesen!). Ich schicke daher dieses zusätzliches Exemplar zurück. Ich bitte um Verständnis.

mit freundlichen Grüßen

Ihr

Alfred Traverse
Professor für Palynologie

Hunt Institute for Botanical Documentation

Atlantis — John Hunt — Core 74 — 15-III-71

2 metres : 8,000-9,000 yrs.

Carbon-14 dates

24,000 yrs. to bottom (11 metres)

Sergo H.C. Wright want to study Pollen of Shark Bay sediment cores.

Hunt Institute for Botanical Documentation

April 15, 1970

Dr. John M. Hunt
Woods Hole Oceanographic Institution
Woods Hole, Massachusetts 02543

Dear John:

Thanks for yours of 13 March, regarding the conference on 3-4 August, 1970. It gives me considerable weakness of the knees to realize the time is so near, but I will do the best I can. You can count on me for at least a "preliminary results" paper at that time. As you know, there is no funding except for equipment for this project, so I would like to take you up on your offer to handle the travel expenses.

Best wishes to all my friends at Woods Hole.

Yours very truly,

Alfred Traverse
Associate Professor of Geology
and Biology

AT:kc

Hunt Institute for Botanical Documentation

February 9, 1970

Dr. John M. Hunt
Department of Chemistry
Woods Hole Oceanographic Institution
Woods Hole, Massachusetts 02543

Dear John:

I think I understand what is going on, and I have discussed the matter with my superiors here again. It seems to be the opinion here that the best solution--one that would actually result in our getting the equipment that we need permanently--would be, as you suggest, for you to request the work in question and for me to bill you all for the $4000. I will then turn the check over to our department here and put through a purchase order for the equipment. I agree with you that the "easiest path" is the best, but I suppose that you would probably agree with me that the gate into this easy path has had some pretty rusty hinges!

I greatly enjoyed the recent article in the New Yorker about Max Bloomer. The whole thing was, it seemed to me, quite well done, may do some good, and was only possibly inaccurate in the sanguine statement that Max is "a good looking man in his 40's". I guess the age was o.k., but I bet that "good looking" bit has made Max pretty hard to live with.

Best wishes to all my friends at Woods Hole.

Yours very truly,

Alfred Traverse
Associate Professor of Geology & Biology

AT:kc

Hunt Institute for Botanical Documentation

December 22, 1969

Dr. John M. Hunt
Woods Hole Oceanographic Institution
Woods Hole, Massachusetts 02543

Dear John:

I got the form letter of 2 December, regarding the Black Sea work. I still have not made a great deal of progress with the palynology, but it is in the works. As you may know, the National Science Foundation, in the person of Conrad Newman, have been after me to give them some formal description of the way the $4000 which would be allocated for my work would be spent. As I believe I indicated to you, what I want to do is to buy some equipment, and it looked like an excellent opportunity to have some unearmarked funds for that purpose, So, I have written a letter to Dr. Newman stating the pieces of equipment which are proposed for acquisition and have routed it through the proper authorities here. The difficulty is that this sort of thing apparently causes bells to ring in certain offices in our administrative complex, and some folks are raising all sorts of questions about to whom the equipment would belong and things of that kind. There is nothing definite to report on the fate of the question here internally as yet, since as far as I can find out the letter is still on some dean's desk somewhere. I still intend to go ahead with the work anyway.

Best wishes to you for the holiday season.

Yours very truly,

Alfred Traverse
Associate Professor of Geology & Biology

AT:kc

Hunt Institute for Botanical Documentation

WOODS HOLE OCEANOGRAPHIC INSTITUTION
WOODS HOLE, MASSACHUSETTS 02543
AREA CODE 617-548-1400

December 2, 1969

On September 15-16 we had a meeting at the Woods Hole Oceanographic Institution to discuss future work on material collected during the ATLANTIS II Black Sea Cruise. Twenty-four scientists attended the meeting, each one giving a talk of about ten minutes regarding what kind of work he intends to perform on the Black Sea project.

It was decided to publish the results of the Black Sea work in the form of a book or a monograph in order to make it a similar multidisciplinary venture as we did for the Red Sea. Our present letter is to inquire whether you might be interested in participating in this type of teamwork and, if so, what kind of material or help you need to do so.

Enclosed is a map of the Black Sea area with a plot of all stations and a cruise track. We have sediment and water samples available in reasonable quantity from all stations. Some samples are in their original state and are stored at room temperature. Others, like some water samples, have been treated with zinc or mercuric chloride to prevent microbial decomposition or have been stored at -16°C. Most of the sediments are stored at room temperature, but about five complete cores have been stored at -16°C to prevent microbial decomposition or contamination. We will be happy to furnish you with samples that you might request in case you come up with a reasonable working proposal.

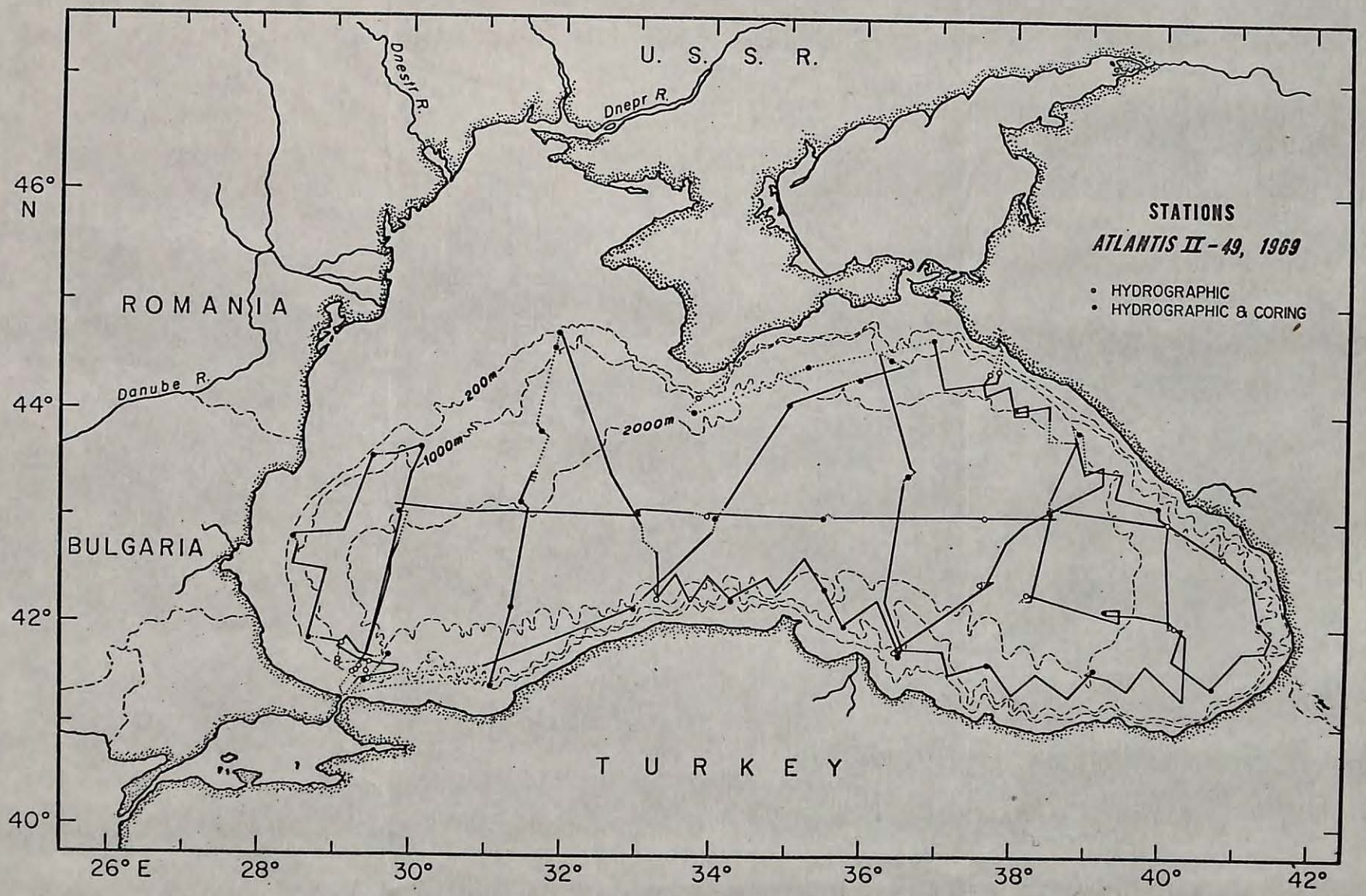
So far, we have done preliminary work on the bathymetry and stratigraphy of the area and will send you some information in the near future. We also will supply you with any other information and data that are presently available. For instance, data on the water chemistry have already been compiled by Dr. Brewer and also some chemical analyses have been made on the sediments. We plan to have a meeting at Woods Hole around April 15 in the form of a "Gordon Conference" to exchange ideas and to present informally the data that have been accumulated. We also have approached scientists from countries surrounding the Black Sea in order to get the necessary background information on the geology and geophysics of this area. We have already had positive responses from four scientists in this area, and in addition some Russian colleagues have tentatively agreed to participate in this work.

We would be delighted if you could respond to this letter as soon as possible. The deadline for submission of the final manuscript is scheduled for the first of December 1970, and we already have several publishers interested in bringing out the work in an equally appealing form as the one published by Springer-Verlag on the Red Sea.

John M. Hunt Egon T. Degens

David A. Ross

Hunt Institute for Botanical Documentation



Solid Lines indicate Continuous Seismic Profiles

Hunt Institute for Botanical Documentation

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Professor Alfred Traverse,
Associate Professor of Geology
and Biology,
Catalog of Fossil Spores and Pollen,
Deike Building,
The Pennsylvania State University,
University Park,
Pennsylvania 16802,
U.S.A.

Your ref:

Our ref: EWH/JMcG/C16/1.7

Date: 17th October, 1969

Dear Sir,

We wish to thank you for your letter of 8th October and we regret to inform you that we do not supply high viscosity silicone dimethyl fluids in the U.S.A. We would suggest therefore that you approach:-

General Electric Co.,
Silicone Products Department,
Mechanicville Road,
Waterford,
New York.

Yours faithfully,

(E.W. Hunter)

Hunt Institute for Botanical Documentation

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

Dr. James P. Folsom
Director of the Gardens
The Huntington
1151 Oxford Rd.
San Marino, CA 91108

Dear Colleague:

Perhaps you recall meeting me in the Gardens, because I had asked a docent what family Chorisia is put in. I told her Bombacaceae was my best guess. In any event, our later conversation was very interesting.

I have been a big fan of the Huntington for 40 years, and tell everybody who will listen that a trip to LA without a day at the H. is a complete flop. I finally got around to becoming a member a couple of years ago. That one of my grandmother's maiden name was Sarah Huntington is an additional attraction!

The comment I made that the labels in the garden should include the family was earnestly suggested. I recall that in some of my favorite overseas gardens that is always done (Kew, Palmengarten in Frankfurt, etc.) The Germans even provide a "common name" for families, e. g., "Araceae. Aronstabgewächs." That's maybe not a bad idea, e. g. "Cruciferae. Mustard family."

Actually, the art museum part of the Huntington is also very poorly labelled--some of the paintings have only the plate on the frame, often barely legible. But that's another story.

All the best. I enclose a reprint as a souvenir of our brief conversation.

Yours very truly,

Alfred Traverse

encl.:reprint

Hunt Institute for Botanical Documentation

October 6, 1971

M.G. Hurtig
Publishers
Edmonton
Alberta, Canada

Dear Sirs:

Can you tell me how to go about ordering a copy of "Alberta, a Natural History," edited by W.G. Harty?

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/kai

Hunt Institute for Botanical Documentation

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

22 July, 1991

Dr. Jonathan M. Husch
Geological & Marine Science
Rider College
2083 Lawrenceville Road
Lawrenceville, NJ 08648-3099

Dear Dr. Husch:

Enclosed is my review of the Fowell & Cornet manuscript. I have made a number of comments, corrections, suggestions, etc., in red directly on the MS, which I believe the authors should address. I especially feel that there needs to be a figure showing the stratigraphic position of the myriad of formations and members (members of which formations?) with which they deal. If there is to be such a figure for the whole volume, that would obviate the necessity, of course. There are also problems with legibility of some of the figures, and I have suggested a couple of improvements that would be easy to add.

Best wishes with the volume!

Yours very truly,

Alfred Traverse

encl: review sheet & marked MS

Hunt Institute for Botanical Documentation

October 28, 1969

Hutchinson Bag Corporation
Hutchinson
Kansas 67501

Dear Sirs:

Could you please send me some sort of catalog or descriptive literature on your cloth sample bags with attached label?

Yours very truly,

Alfred Traverse
Associate Professor of Geology
and Biology

AT:kc

Hunt Institute for Botanical Documentation

EPR-293
6/63

3737 BELLAIRE BOULEVARD
HOUSTON, TEXAS

MAILING ADDRESS
P. O. BOX 481
HOUSTON, TEXAS 77001

February 15, 1966

Dr. A. Traverse
Department of Geology
The University of Texas
Austin, Texas 78712

Dear Dr. Traverse:

Enclosed is a Xerox copy of the plates of your EPR Report 898, "Pollen and Other Microfossils in the Water of Trinity River and Bay, Texas," the mock-up of the figures, and the original draft of your manuscript. Please review the Xerox copy and return all three items to me for final processing of the report.

Very truly yours,

Pat Hyatt

Pat Hyatt

pjh/bs

Enclosures - 3

SHELL DEVELOPMENT COMPANY
Exploration and Production Research Division

THE UNIVERSITY OF TEXAS
DEPARTMENT OF GEOLOGY
AUSTIN, TEXAS 78712

19 February, 1966

Mrs. Pat Hyatt
Shell Development Co.
P. O. Box 481
Houston, Texas 77001

Dear Pat:

Have gone over the items you sent me. Nearly everything seems to be in order. However, there are a few things that need further attention, mostly as a result of the latest changes causing further errors, as always happens.

1. I hope that the figures are to interspersed in the report, rather than all placed at the rear. Whoops, I just find that this is clearly indicated. Ignore #1!

2. List of Tables: halides should not be capitalized. This escaped us in previous revisions.

3. ABSTRACT, next to last line: put a period after study. (reason in #4)

4. ABSTRACT, last line: take out "especially....age". I am sorry about this, but this doesn't make sense any more. (I believe several revisions ago the previous lines said Tertiary formations, and then it was o. k.) I wonder if this couldn't be handled by moving "Carya and Chenopodiaceae pollen" into the material at the top of p. 2. This eliminates retyping p. 1, which might introduce further errors.

5. p. 3, para. 1, l. 8-9: Backswamps near station 4 are like those already described. Some.... (This is essential. The editorial change made the sentence say that both backswamps and shell banks support a central Texas flora, which is wrong.)

6. p. 3, para 4, l. 9: a dash or other punctuation must follow "shallow".

7. p. 3, para. 4, l. 11: comma after "tendency".

8. p. 6, para. 3, l. 11: Orinoco

9. p. 9, para. 3, l. 4: "but" must be inserted

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AUSTIN, TEXAS 78712

10.

p. 13, para. 2, l. 6: stained
" " l. 7: aqueous
" " " : stained

11. p. 13, para. 3, l. 12: was used

12. p. 15, para. [illegible], l. 15: add comma

" , para. 3, l. 2: "alone"

13. p. 19, para. 5, l. 12: "brought"

Tell Judy if she thinks she is rid of me, she is probably wrong, because there is one last report still in the works!

Happy Washington's Birthday or Shrove Tuesday, depending on which you will be observing.

As ever,

Alfred Traverse

Alfred Traverse

Hunt Institute for Botanical Documentation