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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.

12 March, 1985

RNDr. Nadezda Gabrielová CSc
Ústřední Ústav Geologický
Malestranské n. 19-118
21 Praha 1, Czechoslovakia

Dear Dr. Gabrielová:

Your beautiful New-Years greeting arrived about 15 February
(postmarked 14 December, '84!). Many thanks--we still recall with
great fondness our visits to "Golden Prague"!

Best wishes.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

10 February, 1984

RNDr. Nadezda Gabrielová CSc
Ústřední Ústav Geologický
Malestranske n. 118 21 Praha 1
Czechoslovakia

Dear Dr. Gabrielová:

I don't usually respond to seasonal greetings until next year,
but I just had to tell you how exquisite the trilobite picture is!

B Best wishes.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

August 22, 1967

Mrs. Mary Gaddis
Department of Geology
University of Texas
Austin, Texas 78712

Dear Mrs. Gaddis:

That was so thoughtful of you to send me the masters of those forms! But, of course, you were always a very thoughtful friend to me, and I have greatly enjoyed knowing you.

You may have heard that I was briefly in the building during the early part of July, and I must agree with your estimation of it. We are also in a new building, built almost at the same time and at the same cost, but not half as nice. Higher cost of building up here, or something.

I would like to have had time to visit all of my old friends while in Austin, but that was not possible--it was a flying visit. The people I happened to meet in the hallways as I was enroute to and from the offices I had to visit were the only ones I could see. Some year I hope to be in Austin with a bit more time. It is still my intention to retire some one of these decades in Texas, so I expect to keep my contacts freshh down your way.

We just got back from a little fun vacation--a week at Expo-67 and a week at our summer place in the Adirondacks. I really haven't done badly travel-wise this last year--Europe once, California once, Texas twice, Canada once, Mexico twice. Suits me!

Hope you are well and happy. Regards to mutual friends.

Yours very truly,

Alfred Traverse
Associate Professor of Geology

AT:kaw



THE UNIVERSITY OF TEXAS

AUSTIN, TEXAS 78712

DEPARTMENT OF GEOLOGY

8 August 1966

Dear Al:

I am at work early this morning and Professor DeFord is spending the week in the field. Before I ascend to the mineralogy lab and the maze of aerial photos where I will be spending most of the week, I will reply to your last two post cards. Of course the bloody massacre witnessed by the university one week ago today still is inconceivable. The morning Statesman bore the last bit of grief in the death of 17 year old Karen Griffith, who had been on the critical list all week. There is to be a special edition Tuesday of the entire gruesome affair for those who would like to read the gory details and many related incidents leading up to this sudden calamity. Luckily there was no one from our department killed or wounded. Bob Boyer, who radio and newspapers, at first, reported as killed, was in the field and heard on his car radio that he had been killed. Until he called in to reassure us, no one could be sure that it was not he. The news report did say that he was a professor of geology (this was the very early report before anyone could collect their wits and get things straight). We were all relieved to learn that he was safe in the field. We received many telegrams and phone calls offering sympathy, to which we hastily replied with correct information. It is my habit during the summer to stay close to my office until Prof. DeFord is finished for the day (which is usually between 12:00 ~~or~~ 12:30) before taking a lunch break. This habit may have saved my life. I was looking out my south window (by the telephone) and saw a girl crouch to the ground in apparent agony. I could not believe what I was seeing, and even when she began to scream for help I thought to myself, the act they are putting on sure is realistic. Well shortly thereafter I realized it was certainly not an act but for real and that all who were in view of the tower were in danger of their lives. We stayed pretty close to the walls in here, away from windows and doors until the final shot was fired and the "they've got him in custody" sounded. It was really horrible, Al, and even now seems like a nightmare. But, I guess, this too will pass away and only time will heal the deep scars imbedded deep in the hearts of those who remain to mourn their loss.

Until last Monday this had been a rather nice summer... nothing spectacular, but things were rocking along on an even keel. I have a full-time helper this summer to work with me sorting, indexing, and filing aerial photos, getting them ready for the move in December or January. It has proved to be quite a task, but I can now see we will have the job completed come September 1. The USDA donated several thousand obsolete photos to the department, and these are our current project. Don Reaser, a Ph.D. candidate has moved into your old quarters for the summer. He is working for the Bureau part time on the Dallas sheet. I don't know what arrangements will prevail when school starts. I will say this, I will miss having you next door for a friendly chat and smile once in a while. I think I will even miss doing your quizzes. I don't see any new faces around here this summer, so guess the faculty will be the same. I hope you are finding contentment in your new assignment and that your wife and family will soon be able to join you. You have received several pieces of mail here which I have forwarded to your residence address here in Austin. I will continue to forward any mail that looks worth the trouble. I heard by the grapevine that the Jim Dannelleys were in Austin, but I did not get a call from them. It may be that their time was limited and were out of pocket if they called. I would like very much to visit with them and hear of their experience in Mexico.

Sincerely,

M. Faddis
M. Faddis



Ecole Polytechnique Fédérale Zurich
Institut de Géologie

Herrn Dr. Jean-Claude Ball
Institut de Géologie de l'
Université J. P. Pasteur
1 Rue Blessig
F-67084 Strasbourg Cedex
France

25. April 1981

Sehr geehrter Herr Kollege,

Vielen Dank für Ihren Arbeitseinsatz mit der
APP-APLF-Exkursion! Sie war ein ausgezeichnetes,
schönes Erlebnis und ich war besonders glücklich,
mehr über den Buntsandstein zu lernen. Wie Sie
vielleicht wissen, arbeiten meine Studenten (innen)
und ich mit Spät-Trias- und Tura-Sedimenten
der "Newark Basin" von Nordamerika. Sie
haben uns gut und gründlich unterrichtet, und
es hat mich alles sehr gefreut. Es ist
wahrscheinlich überflüssig aber interessant zu
erwähnen, dass im Vergleich mit einer amerikanischen
Exkursion, die Speisen und die Getränke absolut
unglaublich gewesen sind!

Ich möchte Ihnen auch besten Dank für die
Wissenschaftliche Zeitschrift mit Ihrem Artikel
sagen. Schon habe ich es nach Amerika
geschickt. Es wird mir mit meinen Vorlesungen im Gebiet
von New York und Pennsylvania
verwendet werden.

Alfred T.

4 April, 1985

Mr. Richard Gallucci
5105 Hawthorne Rd., #18
Pocatello, ID 83202

Dear Mr. Gallucci:

Your letter of 11 March raises issues too complex to be handled in detail in a letter! However, in brief:

1. The Potonié turmal system is not very useful for Cretaceous material, though fine in the Paleozoic. You can shoehorn all your forms in, though, if you insist.

2. Modern plant families are not really the way to go either--too small a % of them around in Cretaceous (see J. Muller, 1981, Botanical Review 47:1).

3. I would go with "a modified turmal" approach:

1. trilete spores
2. monolete spores
3. alete and other spores
4. bisaccate pollen
- ~~5. monolete~~ " "
6. monosulcate ", non angiosperm
7. monosulcate & monoporate pollen, angiosperm
8. tricolpate pollen, angiosperm
9. tricolporate pollen, "
10. triporate pollen, "
11. periporate pollen, "
12. various other angiosperm pollen

Within each group I would list the taxa alphabetically. If you have other kinds (diporate?, triprojectate?)--you can insert them at appropriate places in the above scheme) Fungal spores, acritarchs and dinocysts are another story, of course.

Best wishes and hi! to Fred.

Yours very truly,

Alfred Traverse
Professor of Palynology

5105 Hawthorne Rd. #18
Pocatello, Idaho 83202

March 11, 1985

Dr. Alfred Traverse
Dept. of Geosciences
Pennsylvania State University
435 Deike BLDG.
University Park, PA 16802

Dear Dr. Traverse,

I am currently a graduate student at Idaho State University studying playnology. My research, under the direction of Dr. Fred May, concerns the palynology of the Upper Cretaceous Adaville Formation from southwestern Wyoming. Fred suggested I contact you for advisement on the arrangements of systematics for pollen and spores as they should be presented in a Masters thesis. Fred mentioned two methods, one after Potonie using suprageneric catagories, the other after Singh (1964) by natural families. Is there a more current systematics procedure?

Thank you for your advice on this matter. Fred says hello.

Sincerely,



Richard Gallucci

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

5 February, 1995

Prof. Dr. J. Galtier
Laboratoire de Paléobotanique
Université des Sci. & Techniques
Place E. Batallion
F 34095 Montpellier, France

Dear Dr. Galtier:

A while back I received a group of very interesting reprints from your lab, for which I assume you were responsible, and for which I thank you very much. I have read all with profit. I especially enjoyed "Further studies.....Loch Humphrey Burn.....," published in Rev. Pal. Pal. because of the information about spores referable to certain dispersed spore taxa, from megafossils, as this is a subject I try to track.

Best regards. I enclose a couple of things that might be of interest.

Yours very truly,

Alfred Traverse

encl.:reprints

THE PENNSYLVANIA STATE UNIVERSITY
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435 DEIKE BUILDING
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Phone: (814)863-3419; Fax: 814-863-7823

2 December, 1992

Dr. J. Galtier
Université des Sciences et Techniques du languedoc
Laboratoire de Paléobotanique
Place Eugène Bataillon
34095 Montpellier, France

Dear Dr. Galtier:

Thanks so much for the five reprints by you and others recently arrived ("Anatomically preserved conifer-like stems....", etc.). I read all with interest.

I enclose a few of my papers that might be of some interest.

Best wishes.

Yours very truly,

Alfred Traverse

AT/et
encl: reprints

December 22, 1975

Dr. Juan C. Gamero
Fac. de Ciencias Naturales y Museo de la Plata
Universidad Nac. de la Plata
La Plata Argentina

Dear Dr. Gamero:

Thank you so much for the two reprints which recently arrived, both very interesting. I was especially interested in the ubisch body paper. From several points of view I think ubisch bodies have a lot to tell us about the structure and origin of pollen, and I also was very interested in the evidence on the relationship between particular male fruiting bodies and the dispersed pollen from them. Best wishes of the holiday season.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT:jb

THE PENNSYLVANIA STATE UNIVERSITY
Department of Public Information and Relations
312 Old Main, University Park, PA 16802
Telephone 814 865-7517

From: joyce gannon

To : dr. traverse

9/9

If you could review this final draft by Monday, it could expedite getting the release out before the magazine is out and media picks it up on their own.

I'll call you Monday for any final revisions.

Thanks,

joyce

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

11 January, 1988

Dr. Jose-Sebastian Carrion Garcia
Dept. Botanica
Fac. Biologia
Universidad de Murcia
Murcia, Spain

Dear Dr. Garcia:

Thanks for your card postmarked 21 October, which came only this week.

Unfortunately, my (relatively few) papers dealing directly with plant evolution are all distributed. However, my paper from the Berlin Botanical Congress of last summer is in press, and I'll send you a copy when the reprints are available.

Best wishes.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

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

19 December, 1994

Professor Tom Gardner
etc.

Dear Tom:

Your sample from Havre de Grace, MD, of suspect Miocene or Cretaceous age was assigned to Ruth Robinson as her unknown sample in Geosc. 423. She did a super job with it and produced the paper of which the enclosed is a copy. Clearly the sample is Miocene, but fairly late Miocene, probably. Ruth did a nice job. She and I both wondering if this merits a short note somewhere?

Happy 1995.

Yours very truly,

Alfred Traverse

encl.:xerox of term paper
c:RR



THE CITY OF NEW YORK
THE PRESIDENT OF THE COUNCIL
NEW YORK, N. Y. 10007

SANFORD D. GARELIK
PRESIDENT

September 21, 1971

Alfred Traverse, President
The American Association of
Stratigraphic Palynologists
Department of Geology & Geophysics
The Pennsylvania State University
University Park, Pennsylvania 16802

Dear Professor Traverse:

I have read your letter of September 15, 1971,
with great interest.

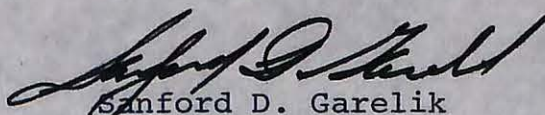
I share your deep concern. The services pro-
vided by the Science and Technology Division of the New
York Public Library are indeed unique.

As you know, New York City is undergoing a
severe financial crisis. Money for even the most vital
services is scarce. However, I agree that we cannot afford
to sacrifice this invaluable resource.

Please be certain that I shall do my best to seek
sufficient funds to keep the functions of the New York Public
Library at the same high level as in the past.

Thank you for writing and sharing your views
with me.

Sincerely,


Sanford D. Garelik
President

September 15, 1971

Hon. Sanford Garelik
President of the Council of New York
City Hall
New York, New York 10007

Dear Mr. Garelik:

I am writing you regarding the financial plight which I understand has hit the New York Public Library. In particular, as president of a scientific association, I am concerned about the closing of the Science and Technology Division to public service, since this was one of the most unique and useful functions of the world's greatest city library. I am quite aware that it is much easier to give advice than it is to raise money, but I do hope that every avenue will be explored to raise money from foundations or whatever source to keep the functions of the New York Public Library at as high level as they have been in the past, and preferably expanded.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology
President, AASP

AT/vsi

17 March, 1983

Dr. Jack Garihan
Department of Geology
Furman University
Greenville, SC 29613

Dear Jack:

Thanks for the \$50, which has been paid out. It wasn't a question of "freshness" perhaps, but carbonization? Weathering is another possibility, of course.

Glad you got to see Anne and that you have already experienced summer there--we remember very well from our year in Texas how brief winter is!

Best wishes.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

FURMAN UNIVERSITY
FOUNDED 1826
GREENVILLE, SOUTH CAROLINA 29613

DEPARTMENT OF GEOLOGY

Tue 8 March '83

Dear Al—

Enclosed is payment for sample processing — I have no doubt I got my \$-worth! I don't know why the samples didn't produce — I thought they looked good. I would have sworn they were fresh material. An age certainly would have helped our geologic interpretation!

Thanks again.

Jack Garbham

P.S. I visited Anne in Houston last week during winter break. The early summer has come ^{there} already, and Galveston beach was 80° and sunny, with the rosebuds starting to bloom. Looks like Winter's over now, hopefully.

28 February, 1983

Dr. Jack Garihan
Department of Geology
Furman University
Greenville, SC 29613

Dear Jack:

Enclosed are:

1. Student's (edited by me) report on your samples
2. Slides (examined also by me)
3. Residues in glycerin jelly

I am really beginning to wonder about our luck (or is it luck?) with Garihan samples! These samples looked perfect as to particle size, etc. With so much organic matter, the lack of palynomorphs demands an explanation.

Because a barren sample requires little scope and no library time, I would suggest \$50.00 as an appropriate payment for running the samples, and trying so hard to make them own up! (Make check payable to me-- I'll pay the student.)

All the best.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et
encl

Results of palynological analysis of samples
#82-1 and #82-2:

Both samples are non-palyniferous, although organic matter content of the calcareous claystone or mudstone lithology is quite high. The organic matter especially in sample #82-1 is observable to the naked eye as vein-like structures within the inorganic clastics.

The organic matter content of sample #82-1 is higher than that of sample #82-2. The organic matter was probably derived from continental plants and is much carbonized. The carbonization is higher in sample #82-2 than in sample #82-1. Almost all the organic particles in sample #82-2 are dark brown-black, whereas a very small portion of the organic particles in sample #82-1 is reddish brown to brown.

The reason for the absence of palynomorphs in the samples could well be the high level of carbonization of the organic matter.

Volkan S. Ediger
February 24, 1983

8 February, 1983

Dr. John M. Garihan
Department of Geology
Furman University
Greenville, SC 29613

Dear Jack:

Yours of 4 January came while Betty and I were in Germany for practically the whole month of January. The samples have also come. I believe the student better run both samples. If one sample is barren we'd have a fall-back position. We won't charge much for a barren sample (\$10 probably). The \$50/sample was a top figure, if a lot of microscopy is necessary, etc.

Best wishes.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

P.S. Samples look good.

FURMAN UNIVERSITY

FOUNDED 1826

GREENVILLE, SOUTH CAROLINA 29613

DEPARTMENT OF GEOLOGY

January 4, 1983

Dr. Alfred Traverse
Palynological Laboratories
Deike Bldg.
University Park, PA 16802

Dear Al:

I am sending along to you separately two samples for pollen analysis (#82-1 and #82-2). I know my track record for samples is disappointing, but I think these at least look o.k. (silty, somewhat organic-looking). We'll see. Our problem is to tell if they are Cretaceous-Paleocene or Oligocene-Miocene. I have my biases, but I'll wait to see if we agree. I suspect both samples are the same age.

Best regards,

Jack

John M. Garihan
Associate Professor

JMG:jm

P.S. I'm thinking here about maybe saving myself some \$. If it turns out one sample yields an age, the other does not really need to be processed. If it is not convenient to do each sample separately, go ahead and process both.

17 December, 1982

Dr. Jack Garihan
Department of Geology
Furman University
Greenville, SC 29613

Dear Jack:

Thanks for yours of 3 December. We have a student who would be glad to get the job to work up your sample--I could do the microscopy. Cost would be \$50 (\$4/hr. for student for about 8 hrs., plus chemicals, etc., plus microscopy).

I do worry about the sample--we have drawn a blank on too many of yours! Be sure it's a siltstone, not weathered, not red bed, etc. (you remember what the limits are!).

Good to hear about Anne. She should be a palynologist--she was super. Best for the holidays and for 1983.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

FURMAN UNIVERSITY
FOUNDED 1826
GREENVILLE, SOUTH CAROLINA 29613

DEPARTMENT OF GEOLOGY

Friday 3 Dec '82

Dr. Alfred Traverse
Dept. of Geosciences
Deike Bldg.
University Park, PA 16802

Dear Al:

I'm sorry 'bout the barren palynology sample. Sometimes I guess you get the elevator, and sometimes you get the shaft! Anyhow, I have 2 samples, oops 1 sample that I would very much like you to do for me on a \$ basis. Would be very helpful to us to know if we're looking at mid-Tertiary rocks or K-early Tertiary rocks at this one place in the Ruby Rg. If you can afford to make such a ~~part~~^{paltry} deal, maybe I'll send the small sample on to you early next year.

Thanks for asking about Anne, she's still in Houston. Got a job with a computer outfit about 2 months ago — something (of all things) related to her teaching trainees about computer security. No geology, which doesn't please her much. I think she'd like to do more with computer programming etc.

Best regards & happy holidays! Hi to RJC.

Jack Garman

20 October, 1981

Dr. Jack Garihan
Department of Geology
Furman University
Greenville, SC 29613

Dear Jack:

The two samples just came and look fairly promising. However, the class has already passed the beginning of unknowns and is hard at work! Would one or both be suitable as a 526 problem?--perhaps related to an interesting research problem or whatever? Do you have more sample, should these be productive? (Could use again!)

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

30 September, 1981

Dr. John M. Garihan
Department of Geology
Furman University
Greenville, SC 29613

Dear Jack:

Yegad--I had lost you all. Thought you and Anne were in Chicago-land. (I've been on sabbatical and am out of touch with USA.) I do hope you and she can be reunited soon.

While I was gone, "they" changed palynology to Fall Term without notifying the people who put out the course schedule--so enrollment is pretty scanty. However, yes, we'll take a crack at your Montana sample.

Re the consulting-type job--yes, we'd be interested. If they are barren--which seems possible, we'd only charge for the basic time--to report "barren"--probably \$10-15/sample. If they are productive and require palynofloral analysis, it would be more--depending on the number of samples. The 'calcareous reddish matrix' sounds hopeless (remember?--red sediments are bad news, CaCO₃ is bad news?). But I've been wrong a few times about that, and it is worth looking. As you will recall, grayish siltstone is the best bet!

All the best to you.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

FURMAN UNIVERSITY

FOUNDED 1826

GREENVILLE, SOUTH CAROLINA 29613

DEPARTMENT OF GEOLOGY

September 14, 1981

Dr. Alfred Traverse
Palynological Labs/Deike Bldg.
University Park, PA 16802

Dear Al:

It's been some years since I've written you - as you can see I'm holding down the fort here at a small Baptist school in the land of kudzu and black-eyed peas. Anne is still at the Lunar and Planetary Institute in Houston, at least until April when her "post-doc" is finished. She has done well there and hates to leave. The future beyond this is unclear, but the possibilities are limitless! I could make some shekels if I were willing to quit academics.

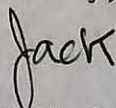
I'm still thrashing around research-wise in southwest Montana, and I have two palynological samples for you to give to students as unknowns (if you are interested). My motives are selfish - I'd like to know their age as part of my research work. (I suspect they're Oligocene-Miocene or thereabouts.)

As a part of this work, we also have found several limestone-clast conglomerates with a calcareous reddish matrix, whose age perhaps could be Mississippian or mid-Tertiary. Is there some way you can process these samples, as a business arrangement? We have some NSF grant money to pay for such things. With all that carbonate, any palynomorphs may be pretty trashed out, I suppose.

Well anyhow - if you can use the samples for student unknowns, just let me know. They might prove pretty interesting. One has visible mega-fossils.

Best regards to you and your family.

Sincerely,



John M. Garihan
Associate Professor

JMG:jm

7 April, 1978

Dr. Jack Garihan
Department of Geology
Indiana University Northwest
3400 Broadway
Gary, IN 46408

Dear Jack:

This is in response to yours of 11 January; now that the palynology course is behind us, I can answer it. One of my best students in the course got your Slim Sam sample for her unknown. She did a very fine job on it and got a fair palynoflora. The problem with it was that the proportion of palynomorphs to other organic fragments was a little low. The maceration looked almost like one of a coal. Nevertheless, there was enough in it to work with, and we enjoyed having it. Before I re-read your letter, I was looking at the student's slides and said to myself, ~~this~~ has got to be Cenomanian, and I gather that is just about exactly what you thought from other information. It would be quite possible to work such stuff up in more formal detail if it should ever be important.

Now for the bad news---there was a failure in communication between my wife and me and she discarded the few sample so that all that now exists of your famous Slim Sam sample are the four slides themselves. Perhaps some day you might be able to grab another hunk of about the same sort of stuff. Seriously, it would probably be better to avoid samples that show a lot of evidence of megafossil plants. They often present problems that closely associated cleaner siltstones don't.

In closing, I certainly would like to thank you for your continuing contributions to the unknown assignments for G.Sci. 433. I also send greetings to Ann. I'm sure that her job at the Field Museum is a good match for her talents, and I certainly stressed that as heavily as I could in my letter of recommendation. Best wishes.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

30 January, 1978

Dr. John M. Garihan
Assistant Professor of Geology
Dept. of Geosciences
Indiana University Northwest
3400 Broadway
Gary, IN 46408

Dear Jack:

Thanks so much for your nice letter of 11 January, which reminded me of one of my better students in (what is now called) Geological Sciences 423. I look forward to getting the sample* and will probably use it as an unknown in the course, though it is almost too late for this year.

I did not know that Anne got the job at the Field, though I remember writing a quite adulatory recommendation letter for her. I'm glad she's there if for no other reason than that I quite often get there and have not for several years had a real contact!

Best wishes to you both.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

*P.S. The sample has now arrived.

INDIANA UNIVERSITY NORTHWEST

3400 BROADWAY
GARY, INDIANA 46408

DIVISION OF ARTS AND SCIENCES

TEL. NO. 219-887-0111

January 11, 1978

Dr. Alfred Traverse
303 Deike Bldg.
Pennsylvania State University
University Park, Pennsylvania 16802

Dear Dr. Traverse:

I'm sending along to you in a separate box another goodie (sample) I collected last summer. There are several rock fragments, but the coarser (tuffaceous?) siltstone piece had conspicuous hardwood leaf imprints. I thought perhaps the associated shaly-silty material might be productive. The sample is from the Slim Sam Formation, right below the Elkhorn Mountains volcanics and above Colorado Group rocks. So its age is lower upper Cretaceous. The locality is along Highway 10, at the entrance to Lewis and Clark Caverns, near La Hood, Montana.

As I guess you know, Anne is working presently as Research Associate Curator at the Chicago Field Museum.

Best regards,



John M. Garihan
Assistant Professor of Geology
Department of Geosciences

dkz

INDIANA UNIVERSITY NORTHWEST

3400 BROADWAY
GARY, INDIANA 46408

DIVISION OF ARTS AND SCIENCES

TEL. NO. 219—887-0111

March 16, 1977

Dr. Alfred Traverse, Professor of Palynology
Department of Geosciences
303 Deike Bldg.
University Park, Pa. 16802

Dear Dr. Traverse:

Thanks for your note--I'm delighted to hear the Ruby Basin sample was of use to you! I just wanted to let you know that the stratigraphy and vertebrate paleontology of the Ruby Basin has just recently been completed, as part of a Ph.D. thesis at the University of Montana. Since there is now a detailed geologic base map available, I believe that the area might be of potential interest to you in terms of a master's-level palynology thesis.

Best Regards,

Jack

John Garihan
Department of Geosciences

/dkz

9 March, 1977

Dr. Jack Garihan
Department of Geology
Indiana University Northwest
3400 Broadway
Gary, IN 46408

Dear Jack:

I issued your Ruby Basin sample--or rather a very tiny chunk of it--to a student as his unknown in 423 this past term. The student was Dave Demshur, a graduating senior. He identified the age as "Upper Oligocene"!-- pretty good, huh? To my astonishment, the palynomorphs are not very well preserved. I had expected a lake sediment like that to be great.

Best wishes to you and Anne.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

April 19, 1976

Dr. John M. Garahan
Geology Department
Division of Arts and Sciences
Indiana University, N.W.
3400 Broadway
Gary, IN 46408

Dear Jack:

Thanks for yours of 6 April--I suspected that the range of sediments in the basin permitted the possibility of the student being more or less right. Yes, by all means I would like a chunk of the paper shale material, along with as exact collection data as you may have. It would make good material for the class in the future, and for your reference collections. Best wishes to Anne. I remember you both fondly and hope that you are having a happy Eastertide.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT:jb

INDIANA UNIVERSITY NORTHWEST

3400 BROADWAY
GARY, INDIANA 46408

DIVISION OF ARTS AND SCIENCES

April 6, 1976

TEL. NO. 219—887-0111

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

Dear Al:

Thanks for your letter concerning the Ruby Basin sample. I'm delighted to hear it contained some polynomorphs, but you need not send me any of the residue - thanks for your offer, though. To tell the truth, I'm not surprised one way or the other about the age, because the Ruby Basin contains Eocene-Pliocene sediments at various places (based on vertebrate remains as well as plant fragments). I suspect Eocene is the age then for the sample.

I do have some of the paper shale material which is Oligocene age, as described by Becker (1961, G.S.A. Memoir 82). If you'd like to have some, I'd be delighted to send it to you.

Anne sends her regards.

Sincerely,

Jack

John M. Garihan, Ph.D.
Assistant Professor of Geology
Department of Geosciences

JMG/mg

March 29, 1976

Dr. Jack Garihan
Indiana University N.W.
Department of Geology
3400 Broadway
Gary, Indiana 46408

Dear Jack:

You will perhaps recall that you and Anne gave me a sample from the Ruby Basin in Montana when you were here a while back. I gave this out to one of the students as an "unknown" in the course, and he produced a fairly nice little report, but with the rather startling information that the sample was in his opinion Palaeocene-Eocene boundary. The species that he cites would seem to lend some credence to his opinion, although it must be remembered that it is only a first effort by an undergraduate student and should be taken no more seriously than that implies! Unfortunately, he did not produce good enough slides or residues to merit sending them to you. If the matter is of sufficient interest, I would have Betty reprocess the sample and do a little more work on it myself. In the meantime, I thought you might be interested in this somewhat startling identification (I naturally assumed Oligocene for the age--not right?) Hope that all is going well for you. Best wishes to you both.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT:jb

May 3, 1968

Dr. Louis E. Garrison
Chief, Puerto Rico Investigations
U.S. Geological Survey
Office of Marine Geology & Hydrology
P.O. Box 1916
Corpus Christi, Texas 78403

Dear Dr. Garrison:

The samples arrived at the same time your letter did the other day--one day service. I am glad to have the various data which you enclosed with your letter, and I hope that I can get at the study of the samples before too many months have passed, but I am not making any rash promises. It will depend on the impact of the draft thing on the graduate program among other things. I could find myself obliged to do all of my own laboratory work to fulfill various grant obligations.

Best wishes. I'll keep in touch.

Yours very truly,

Alfred Traverse
Associate Professor of Geology

AT:kwc

September 5, 1975

Dr. Stefan Gartner
School of Marine and Atmospheric Science
University of Miami
4600 Rickenbacker Causeway
Miami, Florida 33149

Dear Steve:

I have intended to write you since getting back from the International Botanical Congress, but I don't think I have done so. The subject, of course, was to report to you regarding *Cyloccolithus*. Two reports were brought to the floor of the nomenclatural session regarding this generic name. The algal committee, not knowing that the fossil plant committee was considering the subject, recommended that conservation of the generic name be denied once and for all. The fossil plant committee, of which I am secretary, considered the subject, especially in light of your letter to me and recommended that the matter be kept open until the next congress, so that it can be more fully studied in modern context (I believe you would admit that the water is a little muddy on the subject at the moment.) The effect of the two conflicting reports was to knock the thing off the continuing agenda, but the fossil plant committee still has it on its conscience and in its informal notes. Therefore, if you still feel the name should be conserved, the thing to do would be to get out yet another note on the subject in Taxon, between now and the next congress in Australia (1981) --that is if you still feel interested enough. I must confess to you that my own feeling in a matter such as this, where only a few people are concerned, is that it is small harm simply to make up a new name, if necessary, and not burden the Code's list of conserved names with yet another one.

Hoping that you will understand that I did the best I could to represent your interest.

Best wishes.

Alfredvery truly,

Alfred Traverse
Professor of Palynology
Secretary
International Committee for Nomenclature

AT:jb

100% COTTON

June 25, 1975

Dr. Stefan Gartner
School of Marine & Atmospheric Science
University of Miami
4600 Rickenbacker Causeway
Miami, Florida 33149

Dear Steve:

This is to thank you for your very complete, most interesting and extremely useful letter of 14 May, which was on my desk when I returned from a month cruise on the Black Sea on the Glomar Challenger--I was on-board palynologist. Incidentally, the nannofossil man was Steve Percival, and he found precious little, as might have been suspected. Ordinary palynology was the paleontological success story this time (it was about our turn to have a winner!).

Thank you very much for putting together this story; I will bring it before the committee in Leningrad, and I hope I can remember to let you know how it all comes out before you hear from other sources! Best wishes and thanks again.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT:kc

Eskbeck

Fidelity Ocean Skin



SCRIPPS INSTITUTION OF OCEANOGRAPHY
Deep Sea Drilling Project

POST OFFICE BOX 109
LA JOLLA, CALIFORNIA 92037

file
November 29, 1972

file
Dr. Stefan Gartner, Jr.
University of Miami
School of Marine and Atmospheric Science
10 Rickenbacker Causeway
Miami, Florida 33149

Dear Steve:

In reply to your letter dated November 20 I have in conjunction with Chris von der Borch and Brian McGowran arranged for studies of our Leg 22 lignites.

A. C. Cook of Wollongong University, N.S.W. has written a petrographic report and W. K. Harris of the Mines Department South Australia has completed a detailed palynological study with fascinating results as you will learn at our January meeting.

Anyway Steve thanks for forwarding Dr. Traverse's offer.

Best wishes,

Tony

A. C. Pjmm
Deep Sea Drilling Project

ACP:eb

✓ cc: Dr. Alfred Traverse

UNIVERSITY OF MIAMI

Dorothy H. and Lewis Rosenstiel
SCHOOL OF MARINE AND ATMOSPHERIC SCIENCE

10 RICKENBACKER CAUSEWAY
MIAMI, FLORIDA 33149
(305) 350-7211
Cable: UOFMIAMI

November 21, 1972

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

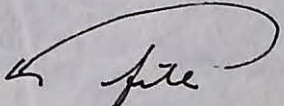
Dear Al:

Attached is a copy of a letter I sent to Tony Primm at Deep Sea Drilling. Tony is editorial co-ordinator for Leg 22, on which the peat was recovered. If I don't hear from him within a week I will call him to further check into the matter.

Sincerely yours,

Steve

Stefan Gartner



SG/im

An Equal Opportunity Employer

November 20, 1972

Dr. A. Pimm
Scripps Institution of Oceanography
University of California, San Diego
P.O. Box 109
La Jolla, California 92037

Dear Tony:

In the tentative outline of chapters you sent to me for Leg 22 I noticed that the lignites from one of our drill sites had not been assigned to anyone to work on. Recently I had occasion to talk with Dr. Alfred Traverse, a palynologist at Penn-State, and he expressed interest in the material. If no other arrangements have been made you might want to get in touch with him. His address is as follows: Department of Geology & Geophysics, The Pennsylvania State University, University Park, Penn. 16802. In any case would you keep me advised as to whether you will contact him.

Sincerely yours,

S. Gartner

SG/im

November 14, 1972

Dr. Stefan Gartner, Jr.
1 Rickenbacker Causeway
Miami, Florida 33149

Dear Steve:

Just a line to remind you of the interesting proposition you mentioned to me at Newport regarding the oceanographic cores with a Tertiary section which might be of palynological interest. I certainly would like to hear some more about this, and quite probably can either work on it myself or get a student to undertake it under my direction.

It was good fun to see you again, to learn a bit more about the newnofossils and to hear something about your present work.

Best wishes.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

AMERICAN GEOLOGICAL INSTITUTE

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

18 February 1972

Dear Dr. Traverse,

I'm sorry for the delay in getting this copy of your terms to you; I foolishly put the material in a not very visible corner of my crowded office and forgot about it until this minute.

Thank you for recommending the paleobotanists at the Smithsonian; I visited Dick Eyde and he cleaned my terms of their more obvious faults.

Sincerely,

Margaret Gony

PS If you have any additions, please send them soon! Thanks.

9-11-73

TO : Dr. James J. Gebhard ✓
Dept. Slavic Languages

From : Alfred Traverse
Prof. of Geology & Biology.

Idea of degree in technical translation
seems very feasible. In geology, the prospective
translator would need almost a major in geology
to be competent — I wonder if a 5-yr. combination
B.A. — M.S. wouldn't be correct approach
(analogy: current program in geological engineering)?

I have a student for Ph. D. at present
who has been through the U.S. Navy's Russian
school and then translated Russian technical
messages for 4 yrs. — perhaps his ideas would
be of value?

Alfred Traverse

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

Date: Fri, 31 Jan 1997 14:01:35 +0100
X-Sender: b5078458@pop.cc.ruu.nl
To: traverse@ems.psu.edu
From: "P.T.Gedl" <P.T.Gedl@stud.biol.ruu.nl>
Subject: Paleopalynology

Dear Mr Traverse,

I have been looking for your book "Paleopalynology" for years and I have not found it yet. Possibly it is impossible to get it in Poland. Do you know where I can obtain a copy of your book? I will be very thankfull for any item of information.

With best regards,

Przemek T. Gedl

Institute of Geological Sciences
Polish Academy of Sciences
ul. Senacka 1
31-002 Krakow
Poland

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

4 August, 1992

Dr. Carole Gee
Institut für Paläontologie
Universität Bonn
Nußallee 8
5300 Bonn 1, Germany

Dear Carole:

Computer-handled
Just read your paper on pollen morphometrics (P&S 31:329-340, 1989). I believe you gave it to me at Göttingen. Is there an update? I'd like to try it. Is there, for example, now a commercial package to do this?

Regards to Martin. We're back at the old stand but still not dug out from 7-months accumulation!

Best.

Yours very truly,

Alfred Traverse

~~Alfred Traverse~~

AT/et

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

30 December, 1990

Dr. Carole Gee
Institut für Paläontologie
Universität Bonn
Nußallee 8
D-5300 Bonn 1, Deutschland

Dear Carole:

Can't recall whether I specifically thanked you for the batch of reprints, including the very friendly review of my textbook. I read the lot at the kitchen table of an elderly cousin of my wife's in Indiana, while she visited her mother in a nearby nursing home.

The charcoal paper was fun and reminded me of Chaloner's two visits here in the last two years, when he spoke on the subject. My former student, Nan Arens, is now at Harvard studying fossil charcoal from the Joggins site with Andy Knoll.

The mangrove study was fascinating, because I have worked in that area also, especially with Doug Nichols. I deduce that you (as I) have had some connection with Austin, Texas. I am continually amazed by how much ground you've covered! Wow! The Nipa pollen is a fascinating story!

All the best, especially for 1991, for you and PMS.

Yours very truly,

Alfred Traverse

AT/et

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

10 October, 1990

Dr. Carole T. Gee
Paläontologisches Institut
Universität
Nußallee 8
D-5300 Bonn 1, Germany

Dear Carole:

It was really heart-warming to get (courtesy of Dorothy G-O) a photo of you and Martin on your wedding day! Betty and I wish you all the best--I'll always remember that day with you both on the bus in Nordrhein-Westfalen!

All the best.

Yours very truly,

Alfred Traverse

AT/et

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

Frau Dr. Carole Gee
Geologisches Institut
ETH-Zentrum
Sonneggstrasse 5
CH-8092 Zürich, Switzerland

den 18. Juni 1989

Sehr geehrte Frau Gee,

es hat mich sehr erfreut, mit Ihnen auf der APP Exkursion verschiedene Themata zu besprechen. Im Mai haben wir zwei Tage in Zürich verbracht, aber es hat keine Zeit gegeben, das ETH zu besuchen. Teilweise hing das davon ab, daß meine Frau damals sich erkältet hat. Ich habe meinen alten Freund Jurka Pika in der Hauptbibliothek besucht, und wir haben mit der Hsü Familie ein Abendessen gehabt. Für die "ETH-Beziehung" war das alles.

Ich schreibe teilweise, weil wir in NYC zum Opfer einem Diebstahl gefallen sind. Ich habe meine Aktentasche verloren, mein Notizbuch inbegriffen. Ist es möglich, daß ich Ihnen etwas versprochen habe, daß ich nicht getan habe? Wenn nicht, kein Problem!

Meinen alten (20+ Jahre) Regenschirm habe ich auf dem Bus in Krefeld zurückgelassen. Frau Dr. Kovar aus Wien hat ihn geborgen und mir in Wien gegeben. Der Dieb hat ihn in meiner Tasche in NYC gestohlen. Jemand fand die Tasche mit ein paar wertlose Sachen und gab sie meiner Tochter in NYC. Der alte Regenschirm war ein Teil dieses "Rückstandes." Leider habe ich meinen Photoapparat und die wunderbaren Photos von der Pflanzenfossilien im Naturhistorischen Museum in Wien verloren.

mit besten Grüßen, auch an Ihren Freund,
dessen Name ich komischerweise ohne das kleine Büchlein mich nicht erinnern kann,

Ihr

Alfred Traverse
Professor für Palynologie

AT/et

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

9 December, 1991

Dr. B. van Geel
Hugo de Vries Laboratorium
Kruislaan 318
1098 SM Amsterdam, Netherlands

Dear Dr. van Geel:

I've heard of your project to produce an atlas of non-pollen palynological microfossils. Sounds very useful! I do hope that somehow you can find the time and financial support to do this. Such pieces of work tend not to attract funding, yet are very valuable to all of us. All the best to you for this worthwhile project.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Dear Al,

wasn't it you who commented on this in a recent letter to me? Well, at any rate, things seem to be advancing, but van Geel needs some outside support, i.e. for a half-year asistant to relieve him of the editorial chores. Would you mind sending him another letter of recommendation:

I send a similar letter to Elsik.

Sincerely



Dr. Baas van Geel,
Hugo de Vrues laboratorium,
Universiteit von Amsterdam.

Dear Dr. van Geel,

as you may remember, when we had the pleasure of your visit to the Botanical Institute in 1986, I discussed with you the prospect of your eminent experience with regard to non-pollen microfossils being published in a more easily available form than the scattered references then, and still, being the only entry to this information - apart from personal visits. I had a feeling that our discussions were at that time inconclusive, and am now extremely glad to learn that things have changed and that there is a chance for a positive answer to the suggestion made at that time by me, and made by many others at various occasions. It would help us all immensely if your unique experience in the non-pollen micropaleontology could be made available to the palynological world. There is no place that I know of where a similar expertise is present like in your laboratory in Amsterdam, and I very sincerely hope that the plans of producing an Atlas of such microfossils be fruitfully realized. It would mean very much to all of us.

With the best wishes for luck with regard to your plans
sincerely yours

Knut Fægri

1991 11 28



Sektie Palynologie & Paleoecologie

Hoogleraar Prof. dr. T. van der Hammen
Sarphatistraat 221
1018 BX Amsterdam
tel. (020) 522. /9111

Amsterdam 12-11-1981

Von Beel

Dear Professor Traverse,

About Type 115 and Type 116 (p. 404, 1950)
Chris Hill of the Department of Palaeontology
of the British Museum suggested:

115 : cf. the acritarch Microhystridium

116 : cf. Cymatiosphaera

both occur as fossils in marine clays, e.g. in
the Jurassic of N. Yorkshire.

Best wishes,

Bas van Geel

30 October, 1981

Dr. B. Van Geel
Hugo de Vries Lab.
Sarphatistraat 221
Amsterdam 4, Netherlands

Dear Dr. van Geel:

Thanks for the reprints you sent a year ago--they just surfaced after my return from about a year's absence (in Zürich, mostly). I am really grateful to know about some of the "oddballs" I have also encountered for years! However, 115 and 116 on p. 404 (1980) are very abundant in, for example, my Black Sea cores and are still unknown, I guess?

What was underneath the "Netherlands" pasteover in the 1979 paper amused us very much! I know the Indians think we're imperialists--but really.

Best wishes.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

18 September, 1978

Dr. B. Van Geel
Hugo de Vries Laboratory
Department of Palynology and Palaeocology
University of Amsterdam
Amsterdam, The Netherlands

Dear Dr. Van Geel:

Your recent paper "Zygnemataceae in Quaternary Colombian Sediments" was a masterpiece. I have really enjoyed it, I suppose in large part because so many of the things pictured are things I have encountered in my work and failed to recognize. Your paper will be of great help in putting many of my uncertainties to rest!

Best wishes to you and thanks again.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

November 11, 1959

Professor S. W. Geiser
Department of Biology
Southern Methodist University
Dallas 5, Texas

Dear Professor Geiser:


This is to acknowledge the most welcome collection of your papers on the history of natural history in Texas, viz.:

Men of Science in Texas, 1820-1880
" " " " " " , II
" " " " " " , III.

Your giving these publications to me was much appreciated. I hope I shall be able to discuss the contents with you on my next visit to S.M.U.!

Very best wishes.

Very truly yours,


Alfred Traverse

AT:pjd

Shell Development Company
Exploration and Production Research Division



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

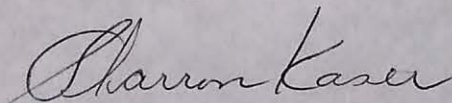
Dr. Alfred Traverse
The Pennsylvania State University
Department of Geosciences
Palynological Laboratories
435 Deike Building
University Park, PA

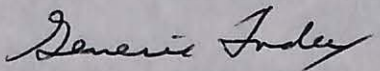
May 5, 1988

Dear Dr. Traverse;

Thank you for your note of February 4, 1988 and your observations cum suggestions re the billing of the General supplements. I couldn't agree more and hope to have an explicit invoice before the next publication. Thanks again.

Sincerely


Sharron Kaser

file:




May 9, 1969

Mrs. Tony Gennusa
9362 Willowview
Houston, Texas 77055

Dear Emma:

Excuse the formality--it seems to be the fastest way to get a letter off to you at the moment. I have just called the lady who has charge of my house and reported the unlocked situation, which seemed to surprise her. She said she'd go right over to investigate. The situation is that the house has just had another foundation job, and that is the reason for the yard being a mess and probably also for the house being unlocked. For the time-being at least we propose to go on owning the place. It is leased for a year beginning the first of May, tho' the people will not move in until 1 June or so. The yard man should arrive next Monday to straighten that department out.

I greatly appreciate your contacting me. The name of the lady who is the official manager is: Mrs. Wilda C. McKithan
9820 Memorial, Apt. C-67
Houston, Texas 77024
Ph.: OV2-0573

We miss you. Thanks for the good wishes for your godchild, Celia. She and the other children are growing like the proverbial weeds and seem to be getting along well. Perhaps you and Tony could come and visit us and see for yourself?

Bless you all.

Yours faithfully,

(The Rev.) Alfred Traverse
Associate Professor of Geology & Botany

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

5 August, 1998

Professor P. G. Gensel
Department of Biology
University of North Carolina
Chapel Hill, NC 27514

Dear Pat:

Just read the abstract of your Aquilapollenites paper, given in Baltimore about today, I suppose by the senior author. It was an interesting contribution.

I had toyed with the idea of attending at least part of the AIBS meeting this year, because Baltimore is so close. However, the bomb that I would have to vacate my space here by 15 July was exploded about 20 June, and I have been overwhelmed with that project ever since. We have had an addition put on the house at home to provide an office there for me, but it isn't quite ready yet--I painted some shelves this a. m.! I will also have a cubicle here--indeed, I am doing this letter from there. I can keep my prep lab for the time being. So, it isn't so bad, except that at the moment I can't find anything, and that will be the case until well into 1999, I am sure.

Back to Aquila. I am sure you are aware that Bill Evitt reported Aquila from the East coast many years ago--always in low abundance. I don't have my library available (see above), but in one of the 100 boxes there is a reprint of Evitt's paper. It was always my feeling, and I may even have put this in Paleopalynology (I can't recall) that a probable explanation is that Aquila pollen acted like a trisaccate and probably could get up in the atmosphere like pine pollen and thus be transported aerially out of its natural distribution zone.

Getting out your address card alerts me to the fact that I haven't sent you any reprints for years. (And have probably been dropped from your list too!) So, I am sending what there is.

All the best.

Very truly yours,

Alfred Traverse
Professor Emeritus of Palynology

enclosures:reprints

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

3 August, 1993

Dr. Patricia G. Gensel
Dept. of Biology, Coker 010
University of North Carolina
Chapel Hill, NC 27514

Dear Pat:

The batch of reprints came soon after we talked on the phone. I have read them intensively at the kitchen table. I'll try to shape up my understanding of zosterophylls vis-à-vis lycopsids (I can't recall ever doubting they are-were related) and gametophytes vs. sporophytes in the Devonian (looks as though it's big support for homologous theory, despite disclaimers).

Please also thank Norma for her reprint, which you included--I have such nice memories of her sojourn here. Bitelaria is weird--I note she rejects both xerophyte and halophyte "models"--meaning modern style, I guess. Could be, but the plant probably had some reason for behaving like that! Defense against drying out, as a sort of succulent, is the only think I can think of unless it was a herbivore defense.

Best regards.

Yours very truly,

Alfred Traverse

AT/et

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

6 January, 1991

Dr. Patricia G. Gensel
Department of Biology, Coker 010A
University of North Carolina
Chapel Hill, NC 27514

Dear Pat:

Did I ever write you that the Battery Pt. Fm. sample you gave me about 1980 from "near Ft. Peninsile, Gaspé Peninsula, Quebec" has been marvellous for the palynology class? Most recently one of the students, who got it for his unknown, produced the enclosed. There are mistakes, but isn't it a wonderful confirmation of the validity of the method, that a kid who 6 months ago had no idea of spores could nail it to Emsian!?

Best for 1991.

Yours very truly,

Alfred Traverse

AT/et
encl: copy of Avila paper

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

4 April, 1990

Dr. Patricia G. Gensel
Department of Biology, Coker 010A
University of North Carolina
Chapel Hill, NC 27514

Dear Pat:

Many thanks for the very informative letter of 28 March. I'll try some of the possibilities. If you can spare some Devonian-Mississippian and Triassic specimens for the paleobotany class here that would be wonderful!

I may have enough "clout" with most of the people you listed to be successful, but I still think some entrepreneur ought to offer materials for sale to encourage teaching about fossil plants. Many folks probably have even less nerve to beg than I!

Good news about Norma. Please greet her for us. We were very fond of her.

Best.

Yours very truly,

Alfred Traverse

AT/et



THE UNIVERSITY OF NORTH CAROLINA
AT
CHAPEL HILL

Gensel

Department of Biology
(919) 962-3775

CB# 3280, Coker Hall
The University of North Carolina at Chapel Hill
Chapel Hill, NC 27599-3280

3/28/90

Dear Al,

Bill Schopf was selling sets of Precambrian preparations and may still have some. I never bought any (and should have). I will be happy to send you Devonian (particularly lower Devonian) and Lower Carboniferous specimens (including compressions of seeds). Tom Phillips would provide peels of Carboniferous plants if you ask for them (he makes up sets, e.g. lepidodendrids). Or you could visit him and make your own! I also suspect Peter Crane ~~is~~ has extra Mazon Creek compressions available on request. I also can provide a limited amount of Triassic specimens - unfortunately the brick pit where Delevoryas' stuff came from is closed to collecting now. I am in the process of locating alternative sources (I need to talk with Bruce C) for that and the field trip at AIBS this summer should help. I often arrange for exchange with various folks for fossils - I suspect several would appreciate a slide or two of spores and you could do the same. *(slides)*

For Cretaceous-Tertiary, I suggest you contact Bruce Tiffney or Leo Hickey or both - if they don't have material they will know who does.

Concerning a text - not for a few years yet, but I agree as to the need. I have been toying with a revision of the Devonian plant book. Katie needs to be older first.

Hope all is well. Norma is due to become a mom in about a month.

Best regards,

Hunt Institute for Botanical Documentation

Pat

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

14 March, 1990

Dr. Patricia G. Gensel
Department of Biology
University of North Carolina
Coker 010-A
Chapel Hill, NC 27514

Dear Pat:

Do you know anybody who (as Bill Darrah long ago) is selling paleobotanical teaching material? If I am going to continue to teach paleobotany here, I need much more in the way of slides and fossils for the lab.

All the best.

Yours very truly,

Alfred Traverse

AT/et



THE UNIVERSITY OF NORTH CAROLINA
AT
CHAPEL HILL

Department of Biology
(919) 962-3775

CB# 3280, Coker Hall
The University of North Carolina at Chapel Hill
Chapel Hill, NC 27599-3280

8/17/89

Dear Al,

Thanks so much for sending
these. I've looked them over
& am returning - it was useful.
We're off to Canada for field
work tomorrow, until mid-
September. Have a good year!

Best regards,

Pat Oensel

P.S. I found the Palynology ones
more interesting than the
paleobotany ones!

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

14 September, 1988

Dr. Patricia G. Gensel
Department of Biology
University of North Carolina
Chapel Hill, NC 27514

Dear Pat:

Here's the printout from my travel agent of what my ticket would have cost, if it had been State College-Brisbane and return without stopovers, etc.

Presumably this suffices to get me my check for \$1500.

All the best.

Yours very truly,

Alfred Traverse

AT/et
encl: printout



THE UNIVERSITY OF NORTH CAROLINA
AT
CHAPEL HILL

Department of Biology
(919) 962-3775

The University of North Carolina at Chapel Hill
Coker Hall 010 A
Chapel Hill, N.C. 27514
9/9/87

Dear Al,

It was nice to see you in Calgary too. I had an allergy reaction to something in the food from that memorable Vietnamese restaurant that required emergency room treatment- quite an adventure. I suspect the crab or seafood rolled in the squid; another possibility is some preservative or MSG. We are checking it out.

Concerning Archaeopteris microspores- I never thought they were Geminospora- despite having noted in 1968 that several show inner bodies. McGregor 1979 compares them to Apiculatasporites. It seems that we need to know more about them- when I have a chance I will dig out some of the W. Va. material and have another look- hopefully before Halifax. (I also have a few specimens of A. cf. jacksonii from Escuminac, Que). It also does not surprise me that those type of spores are being found in another phyletic line- although I am not sure what gives- except spore morphology seems pretty conservative among those vascular plants sampled thus far in the Devonian!

I leave today for a visit with the family and a family wedding- the timing is not the best as there is much to do, including teach paleobotany, but Norma is going to cover for me. I look forward to seeing you in Halifax.

Best regards,

Patricia G. Gensel
Associate Professor

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
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435 Deike Building
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27 August, 1987

Dr. Patricia G. Gensel
Department of Biology, Coker 010A
University of North Carolina
Chapel Hill, NC 27514

Dear Pat:

Just wanted to communicate that when I got here there was a MS to edit by Chitaley and McGregor re a late Devonian(!) lycopsid cone from Pennsylvania with Geminospora lemurata microspores!

I thought that the Archaeopteris link was based on in situ studies, etc. What goes on!?

Best.

Yours as ever,

Alfred Traverse

AT/et

6 January, 1984

Dr. Patricia G. Gensel
Department of Biology
University of North Carolina
Chapel Hill, NC 27514

Dear Pat:

Many thanks for the ref. However, I was stunned and shocked by the news the letter included. What the "other 3" had done, I don't know, but PGG deserved a promotion.

Happy 1984!

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et



THE UNIVERSITY OF NORTH CAROLINA
AT
CHAPEL HILL

Department of Biology
(919) 962-3775

The University of North Carolina at Chapel Hill
Coker Hall 010 A
Chapel Hill, N.C. 27514

Dec. 20, 1983

Dear Al,

I promised you a reference at the Paleo Conference which I am only just now locating- sorry for the delay. This includes a discussion of ferns of Jurassic and Cretaceous age in particular and is the paper the Tryons mentioned.

Lovis, J. 1977. Evolutionary patterns and processes in ferns. pp 229-415. in Preston and Woolhouse (Eds), Advances of Botanical Research, vol. 4. Academic Press

My promotion was denied on the grounds that it was too soon- c'est la vie. Many thanks for writing a good letter. Evidently they all were favorable, but no go. None of the four of us were promoted.

I am glad of the recess from classes. Have spent a lot of time finishing up details on the book and need to get back in the lab and do some more research! Bill and I also plan to take a few days' break- perhaps at the outer Banks.

Best wishes for a happy holiday and excellent New Year!

Sincerely,

13 May, 1982

Dr. Patricia G. Gensel
Department of Botany
University of North Carolina
Chapel Hill, NC 27514

Dear Pat:

Thanks so much for your very newsy and helpful letter of 4 May. It came yesterday after my new student (Norma Johnson, working in the Tuscarora) and I returned from the SEPM Tuscarora field trip. Paul Strother came down from Harvard for the trip. One evening we knocked together a manifesto to send to Geology about Jane's paper--especially criticizing the non-systematic, sensationalist approach. If they "...backed off some rather grandiose statements....", it must have been really wild in the original form. Joe Guennel sent me a xerox of his critique, from which it is clear that his very cogent comments were ~~+~~ignored.

I just hope that our efforts to get funding for our important work on Ordovician/Silurian aren't too badly wounded by this deal. If I were on the panel at NSF I might conclude that Traverse-Strother are redundant. The latest on Paul is that he will be at Dickinson College in Carlisle, PA, next year--very good small college and only 80 miles from us. So, good news. I still hope we get some funding, to support the field work and Ms. Johnson. (She and I should have a paper out soon on a new Tuscarora locality.)

Thanks for advice re possible funding. I am trying everything I can think of--at the moment I have no funding at all. If you have other thoughts, let me have them too. I have had various, some oddball ideas!

Gee whiz, too bad about the foot--hope you're 100% soon. Good to know of Bill's progress. That was a great visit we had with you!

No, I didn't know about your merger. Bad news. Everywhere I know of where that happened (here, for example, 10 years ago), botany got the shaft. Paleobotany and plant morphology and plant taxonomy don't have great clout with the molecular folk who will be in charge. Curiously, you might even do better in geology!

Gensel, pg. 2

Remeber R~~h~~th Diecchio? He looked Paul and me up on the Tuscarora field trip, and we had a brief but good talk.

Best--yest I'll be on deck in August. I planned the social affairs for the meeting.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et



THE UNIVERSITY OF NORTH CAROLINA
AT
CHAPEL HILL

Department of Botany
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The University of North Carolina at Chapel Hill
Coker Hall 010 A
Chapel Hill, N.C. 27514

May 4, 1982

Dear Al,

Yes, I reviewed the Gray et al. paper in Geology, but it was rather hurried as I read it and commented on it the day I left for Australia. I informed Jane Gray that it was hurried. They backed off on some rather grandiose statements based on my comments. However, I should have remembered yours and Paul's paper (and think that normally I would have)- it should have been mentioned. Your feelings are quite justifiable in that regard. Perhaps a letter to Geology would be appropriate. I am considering writing one as well.

I not only reviewed the paper but wrote saying I still was not convinced of their hypotheses. As a result I was asked if I would serve as sort of a "Devil's advocate" for it. Neither the review nor any statements of the opposite should be taken as endorsing or totally rejecting their ideas. I still am keeping all possibilities in mind in regard to the question of the advent of vascular plants. Land plants are another issue entirely- some algae are land plants and I think it quite likely that some now-extinct types may have existed in the early Paleozoic. I have not entirely accepted that all vascular plants are evolved from Cooksonia, nor have all other paleobotanists. I am interested in seeing all sides presented; at the same time I don't want to fan flames of Gray and Boucot's making where they don't serve a ~~x~~ useful purpose.

For the most part Bill and I are fine. Bill's thesis is progressing well. I had surgery on my right foot in March and have a cast to the knee and am on crutches. It is hard to concentrate when ones foot is up in the air. I am recovering well though and should be out of cast in a few weeks.

Have you and Paul tried for support from the Petroleum Research Fund of the American Chemical Society? They have supported post-docs in the past. I hate to think that no one else can think of working ~~x~~ in that area and am glad that at least you have a student on it. Best of luck with your many students and projects.

Perhaps you have heard that our Department is to be merged with Zoology July 1? We are very unhappy about it, were railroaded by the administration, and are quite worried about the future of botany here. This coming year will be interesting.

I hope to see you at Penn State in August.

Sincerely yours,

Patricia G. Gensel

20 April, 1982

Dr. Patricia G. Gensel
Department of Botany
University of North Carolina
Chapel Hill, NC 27514

Dear Pat:

I note that you were a reviewer of Gray's recent paper in Geology. Paul and I were a little stunned that the only paper in which essentially all of the things she illustrates were formally described, illustrated, and in part named, is not referenced. Do you have any thoughts on this? It certainly isn't very helpful to Paul and my attempts to get funding to continue our work, but I guess that is our problem.

Hope the Gensels are flourishing. As ever, we are very busy. I have five graduate students now, including one (Norma Johnson) who is working on the Ordovician-Silurian stuff.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

30 October, 1980

Dr. Patricia G. Gensel
Botany Department
University of North Carolina
Chapel Hill, NC 27514

Dear Pat:

Thanks for yours of 10 October. Ron did super. Frankly, I wonder why he didn't get the best-paper award. Wed had a great trip with Ash, and we collected a marvellous, fertile Phleboteris smithii specimen for Ron's MS thesis work--best one I've ever seen.

Keystone may be scenic and much beloved, but it's at 9,600 feet, and that's too high. I felt half drunk and out-of-breath the whole time.

I have been in correspondence with Barbara Webster re the Australia grants. She says still no word. We leave for Switzerland in a couple of weeks and will miss the announcement. Will you please send me a xerox of the page in AJB, PSB, or whatever, when the announcement comes out. My address in Zürich:

Geologisches Institut
E.T.H.-Zentrum
Sonneggstrasse 5
CH-8092 Zürich, Switzerland

If I don't get one of the grants, I can't go--of course, \$500 is a drop in the bucket, but it'll help.

All the best.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

P.S. Thanks for the two reprints, which just came--I feel that I really have seen the subject in your marvellous, spacious lab.



THE UNIVERSITY OF NORTH CAROLINA
AT
CHAPEL HILL

Department of Botany

The University of North Carolina at Chapel Hill
Coker Hall 010 A
Chapel Hill, N.C. 27514

October 10, 1980

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

Dear Al,

I read somewhere that Bot. Soc. would offer grants of \$500 to applicants for travel to the Congress in Australia. I think they have applied to NSF for funds and are waiting to hear a response. I have not heard anything specific either. Perhaps Bill Crepet, new Secretary-Treasurer of Paleo. Section, has more information.

I wish I could be at Keystone - I have heard it's lovely there. Have a good trip to Switzerland! And yes, I am pleased Ron is making good progress; I look forward to hearing about it.

Best regards,

Patricia G. Gensel
Associate Professor
of Botany

PGG:kh

25 September, 1980

Dr. Patricia G. Gensel
Department of Botany
University of North Carolina
Chapel Hill, NC 27514

Dear Pat:

I know this isn't your responsibility, BUT...can you tell me anything re to whom and how to apply for one of the grants through Bot. Soc. to go to Sydney? I have seen several tantalizing hints about it but nothing definitive. As I'm leaving on sabbatical in November, I need to get my "proposal" in.

You would be happy with the fine progress Ron has made with his ferns--will make a nice paper for "Keystone" in October. He and I leave for the Southwest to meet Sid Ash and go in the field next Tuesday. We'll end up at Keystone. Then home, and almost immediately to Switzerland.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et



THE UNIVERSITY OF NORTH CAROLINA
AT
CHAPEL HILL

Department of Botany

The University of North Carolina at Chapel Hill
Coker Hall 010 A
Chapel Hill, N.C. 27514

June 17, 1980

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

Dear Al:

I enjoyed your visit too and probably learned as much as you and Ron! Those pipettes are great! I look forward to future interactions between our laboratories! Many thanks for the slide folders and the photograph.

In between short trips to the mountains and one or two seminars, I've been preparing for the ICP and IOP meetings--will just make it. I look forward to seeing you there.

With best regards,

A handwritten signature in cursive script, appearing to read "Pat".

Patricia G. Gensel
Associate Professor
of Botany

PGG:kh

25 April, 1980

Dr. Patricia G. Gensel
Department of Botany
University of North Carolina
Chapel Hill, NC 27514

Dear Pat:

What a great experience we had! I appreciate your taking all that time with us, and we learned so much! Thanks again--and also thanks for the reprints, the slides, and the fossil slabs that I can use in Biology-Geosciences 423 (and otherwise?).

The social aspects of the trip were good fun, especially the visit to the neat "house-the-census-mised."

If you think of it, please tell Paul Mangelsdorf the next time you see him that I tried hard to contact him--I gather he was probably out of town.

I think collaboration on various projects between our labs is a natural, and I hope we'll keep it up.

I'm sorry that I didn't have more time to talk to Diecchio--I was mentally in the Triassic--I had in my briefcase a page of notes on his paper and forgot them.

All the best.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

2 April, 1980

Dr. Patricia G. Gensel
Botany Department
University of North Carolina
Chapel Hill, NC 27514

Dear Pat:

Great! Ron and I will leave here on Monday, 21 April, and drive to the DC area. We'll spend that night and the morning of Tuesday, 22 April (or at least part of it), with Norrie Robbins (I guess you know her--working on a thesis with me--completed residence here last year). Then off to Chapel Hill. I would think you could expect us about supper-time--could I take us all out somewhere? I believe we had better have a two-bed double at some convenient motel or whatever--is there an on-campus deal? Although you are very kind to offer hospitality (and it would save money!), I believe it might be better this time for Ron and me to be publicly housed.

We will spend all day Wednesday, the 23rd, with you, learning, learning....We'll leave for home on the 24th.

Regarding the seminar--sure, if you like. What would they like to hear?--Neogene Black Sea work? That's freshest in the mind and I just gave such a talk--except perhaps for the early land plant stuff (Silurian) I presented for Strother and me at Dallas. But I don't want the seminar to cut too much into our lab day! Whatever you think. (Would it make me an official visitor?)

I believe I'll phone a few days from now so that you can react to all this! See you soon.

Yours cordially,

Alfred Traverse
Professor of Palynology

A T/et



THE UNIVERSITY OF NORTH CAROLINA
AT
CHAPEL HILL

Department of Botany

The University of North Carolina at Chapel Hill
Coker Hall 010 A
Chapel Hill, N.C. 27514

March 27, 1980

Dear Al,

I will be glad to work with you and your student for a day and either April 16 or April 23 are fine. I teach Tues-Thurs. so Wednesdays are perfect. Is there any chance you might be inclined to present a seminar, perhaps informally?

I will be away next week, returning April 8. If you wish I can arrange accomodation for you in Chapel Hill. We also have one fold-out sofa in our house and you are welcome. *(and sleeping bag accomodations for more).*

Look forward to seeing you.

Sincerely yours,

Patricia G. Gensel
Associate Professor of
Botany

And the project sounds really interesting!

21 March, 1980

Dr. Patricia G. Gensel
Botany Department
University of North Carolina
Chapel Hill, NC 27514

Dear Pat:

One of my graduate students (Ron Litwin) is working on Chinle Triassic material for his doctorate (coop. project with Sid Ash). One of the parts of his work is to attempt to get spores out of some of Ash's fertile fern samples. I have told Ron of your world-famous expertise in such matters, and I am wondering whether, if he and I were to visit you in Chapel Hill for a day, you could spend several hours with us, short-coursing us on methods? It's a lot to ask, but I haven't worn out my welcome, I guess!

If you are willing, how would a Wednesday in mid-April work out?

All the best.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/eg

2-c

NATIONAL SCIENCE FOUNDATION

PROPOSAL RATING SHEET

Reviewer

Proposal No.: 7702945
Investigator: GENSEL
Institution: Syst. Bio.
Please return to: 30 JAN 1977
If possible by:

Comments (Continue on additional sheet if necessary)

This is a beautifully put together and impressive proposal by one of the rising stars of North American paleobotany. Pat Gensel's work is just outstanding. I have learned much from her publications and oral reports in the past and expect to in the future. NSF and the taxpayer will get their money's worth from Pat's research. She has selected an important period in earth history and evolution and is really getting to the bottom of it by sticking resolutely to her specialty. This probably comes on as a rave notice, and that is the way I see it. As far as her proposal itself is concerned, I suppose it could be viewed as slightly padded--for example, the 9-page bibliography of Devonian paleobotany. (But I liked seeing the bibliography for my own purposes!) Her techniques and equipment are first-class--she's the expert in what she does--her work on spores in fructifications is making such a big contribution to paleobotany that that alone would justify support for her work, apart from the phylogenetic thrust which is Pat's main aim and very important.

I can only think of two criticisms: 1) Her budget could doubtless be pared somewhat in the travel category without seriously hampering her work, and 2) I believe Ms. Gensel would be better advised to stick to her morphological paleobotany-palynology and forget the paleogeochemistry, at least ~~as~~ a major thrust of her work. I think that will tend to spread her efforts too thin.

OVERALL RATING

- EXCELLENT
- VERY GOOD
- GOOD
- FAIR
- POOR

NSF Form 173, Jan 1976

Signature of Reviewer:

Other suggested reviewers (optional):

Leonard Eames

Verbatim but anonymous copies of reviews will be sent only to the principal investigator/project director on request. Subject to this NSF policy and applicable laws, including the Freedom of Information Act, 5 USC 552, reviewers' comments will be given maximum protection from disclosure.

XXXXXX

May 12, 1976

Dr. Patricia G. Gensel
Department of Botany
University of North Carolina
Chapel Hill, PA 27514

Dear Pat:

Thank you for yours of 5 May. I do have a spot or two for additional graduate students, but your man sure doesn't sound like one I want. I've had enough experiences with problem children already. I am very grateful that you leveled with me because all too many professors will give a glowing recommendation to almost anybody, and one is left to find out the facts for himself. As to other places that might be interested, the one that comes to mind first is Jim Urban at the University of Texas in Dallas. Jim seems to take just about anybody who is warm and often even manages to produce something from the body! Another possibility would be Dewey McLean at Virginia Tech in Blacksburg, but this would mean that the student would have to work on dinoflagellates, as Dewey does not accept people who won't. As to employment possibilities--my impression is that they are neither worse nor better than they have ever been. The oil companies are still employing a few people from time to time, and that's about all they ever did. Jobs also seem to come up occasionally with other sorts of out fits, such as state surveys, and I think that the employment potential for a palynologist is better than that of any other sort of paleobotanist.

Regarding AIBS--one of the disadvantages of the organization of the AASP, is that it has meant that I no longer make it to AIBS very often. One just can't get enough travel money together nor take the time to attend more than a couple of meetings a year, and there always seems to be something else going. I just got back, for instance, from the post-cruise conference of the Deep Sea Drilling Project. Leg. 42-B to the Black Sea, in which I was an on-board palynologist last summer.

Good to hear from you and that you're getting ~~along~~ O.K. Best wishes to you as always.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT:jb

THE UNIVERSITY OF NORTH CAROLINA
AT
CHAPEL HILL
27514

DEPARTMENT OF BOTANY

May 5, 1976

Dear Al,

I have been instructing a student in the fundamentals of palynology, who is interested in doing graduate work in it also. Thus I am writing to inquire whether or not you are presently taking on students?

I would like to explain the situation further- the student's name is Chris Indorf and presently he is in his first year of graduate work in geology. He has had only three botany courses, his GRE's are very high (700+) and his grades are good. I can only recommend him with considerable reservation however, but I am presently obligated to inquire.

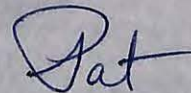
Chris is extremely quiet and communication is difficult. I think he assimilates information readily, but questions it little, doesn't synthesize it or apply it as one would hope and certainly doesn't express it verbally very well. He does seem to want to pursue palynology, mainly with the goal of working for an oil company!

I understand he will not receive support next year in Geology; his advisor, Dr. Joe St. Jean, would evaluate him about as I have, I believe; both of us feel that he might be successful, given the right amount of guidance, but that the amount needed is pretty high.

I realize that one ought to be quite particular in selecting students these days; I've already discouraged Chris from working with me for several reasons- (mostly those above), but as I said, I am obligated to ask further. If you should not be interested in him, could you perhaps make alternative suggestions and perhaps also comment on the nature of job possibilities in oil? My present feeling is that they aren't as bright as in the past. Many thanks!

I've enjoyed my first year at Chapel Hill- its been hectic and challenging and fun. North Carolina requires a little adjusting to- the weather so far has been great but I rather dread the oncoming heat of summer. Hope to see you at AIBS and we can discuss this further. Again, I appreciate your consideration of this matter.

Best regards,



Patricia G. Gensel

Neenah Bond
25% COTTON REBANK 50%

May 13, 1975

Dr. Pat Gensel
Biological Sciences Group U-43
University of Connecticut
Storrs, Connecticut 06268

Dear Pat:

Thanks for yours of 5 May. It came just in time, as I am getting ready to leave the country for a month on the Glomar Challenger as on-board palynologist. Quite an opportunity, but I wonder what will come of it? I wasn't about to turn it down though!

Interesting to hear that you are going to the University of North Carolina, and I am wondering how your family circumstances make this possible. In any case, congratulations--UNG is certainly a fine place.

Now regarding your need. You have picked the one I really can't help you on. I have never had anybody work on hhitinozoans, and although we have picked them up in a few of the things we have worked around here, I don't really have much of anything that is worth giving to you. I certainly would be more than willing to do so if I could oblige. I wonder if Jim Urban would not be the best one to ask for such stuff.

Inasmuch as I am going on this Black Sea cruise for a month and then will be gone also to the International Botanical Congress in the Soviet Union, I do not plan to make the AIBS this year and am sorry that will mean miss seeing you.

Best wishes as always. Don't hesitate to ask if you get another brainstorm about a way in which we could be helpful.

Yours very truly

Alfred Traverse
Professor of Palynology

AT/vsi

May 5, 1975

Dear Al,

I thought you might like to know the outcome of jobs this year - I was not hired at U. Conn., but I have received an offer from the Botany Dept. of the University of North Carolina (a much better choice anyway!). I'll be going there in late summer.

I will need to build a teaching collection - for both paleobotany and palynology - and wondered if you might have material from which I could obtain chitinozoans? I expect to attend AIBS meetings at Corvallis and hope to see you there. Thanks.

Best regards,

Pat Gensel

February 10, 1975

Dr. Patricia Gensel
Biological Sciences
University of Connecticut
Storrs, Connecticut 06268

Dear Pat:

Good to hear from you (3-11-75). I wondered what impact Henry's retirement would have on you. I hope you get to succeed him--a natural!

Sorry, but I have heard of no academic jobs--indeed, my best student ever, a born university type, had to settle for an oil company job--of which there are plenty. Why the university crowd don't pick up the vibes and start palynology programs beats me! I'll certainly keep you in mind if I hear of anything.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/vsi

The
University
of
Connecticut

STORRS, CONNECTICUT 06268

THE COLLEGE OF
LIBERAL ARTS AND SCIENCES
The Biological Sciences Group

Feb. 3, 1975

Dear Al,

Many thanks for the reprints. Dr. Andrews turned over a few of his copies to me so at present I think I have enough. I look forward to using them.

I'm sorry for the long delay in writing; I spent the first three weeks of January in England and am now catching up on correspondence, etc. here. I attended the C.I.M.P. Devonian Working Group Meeting at King's and presented a paper on Devonian in situ spores. Also did some work at the BMNH and visited a few people over there- it was really an enjoyable and beneficial trip.

I will be teaching some palynology to the paleobotany class this spring again. Your "25 years" paper will be handy for that.

Also, since Dr. Andrews is retiring this year, I am searching for a job. I've applied here to succeed him, but also wish to look elsewhere- do you know of any positions in either paleobotany or palynology which I may not have heard of (I have checked in Science, etc.) and may be qualified for? I would greatly appreciate any suggestions. Thanks again.

Best regards,



Patricia Gensel

The
University
of
Connecticut

STORRS, CONNECTICUT 06268

THE COLLEGE OF
LIBERAL ARTS AND SCIENCES
The Biological Sciences Group

April 17, 1974

Dear Al,

I have a few requests to make. First, would you by any chance have any copies of your Brandon Lignite paper left? I wrote the Bureau of Mines and they said it is out of print. Secondly, would you reserve for me a few copies of your paper on Paleopalynology which will be appearing in the 25 Years of Botany volume. I have a copy of it which Dr. Andrews gave me and find it really useful for the palynology lectures I give to his paleobotany class. And lastly- would you have any reprints available of the following publication-

Warg and Traverse. 1973. A Palynological Study of shales and "coals" of a Devonian Mississippian transition zone, central Pennsylvania . Geoscience and Man 12: 39-46.

I would appreciate a copy of that if you do.

Things are progressing quite well here- we have several plants in the works, some of which have well preserved spores in sporangia. I'm trying to keep abreast of Devonian palynology at least in order to do a good job with this material. I hope to be able to attend, and perhaps present a paper, at the Calgary meetings and perhaps I'll see you there. Thanks very much.

Best regards,
Pat

Patricia G. Gensel

The
University
of
Connecticut

STORRS, CONNECTICUT 06268

THE COLLEGE OF
LIBERAL ARTS AND SCIENCES
The Biological Sciences Group

July 27, 1973

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

Dear Al:

Thank you very much for the application form for AASP and for offering to be a sponsor. I have sent it along to Dr. Clarke as you suggested. I enjoyed visiting with you at Amherst- hope you don't mind a rabid gypsy-moth hater! I am truly sorry I wasn't able to be in Storrs when you and Bruce were- perhaps another time. Thanks again for your help.

Sincerely yours,

Pat

Patricia G. Gensel

Esbeck

Fidelity Onion Skin

100% Cotton

June 26, 1973

Dr. Pat Genkel^S
Department of Biological Sciences
University of Connecticut
Storrs, Connecticut 06268

Dear Pat:

I enclose the application form for joining the AASP which you requested. You will note that I have already signed it as a sponsor. If you will send it in to Dr. Robert Clarke, Mobil Oil Corporation, 1001 Howard Avenue, New Orleans, Louisiana, 70113, he will take care of providing the other sponsor. It was good to see you again, and I certainly enjoyed your contributions to the meeting.

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

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi
Enclosure: application form

June 7, 1967

Mr. Gregory Gentile
566 54th Street
Altoona, Pennsylvania

Dear Gregory:

Dr. Guber and I (and some others!) have discussed your friend's fossil. We think it is pretty definitely a partly worn away part of the shell of a straight nautiloid (cephalopod). It would be nicer to have a larger and more complete specimen, but we are confident that it's a nautiloid all right.

Good luck. Come and see us in University Park.

Yours very truly,

Alfred Traverse
Associate Professor of Geology

AT:kaw

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

10 April, 1989

Dr. A. H. Gentry
Missouri Botanical Garden
P.O. Box 299
St. Louis, MO 63166-0299

Dear Dr. Gentry:

Many thanks for the publications, which will be useful to me in musing about plant responses to crises, a subject I am supposed to address soon for IUBS-IUGS in connection with global change.

I enclose a reprint that you may find mildly amusing and/or outrageous.

All the best.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et
encl: reprint of "Plant evolution...."

9-11-89

Alfred Traverse
Penn. State Univ.
Dept. of Geosciences
435 Deike Building
University Park, Pa. 16802.

Re: Your letter to Peter Raven
of 29 Nov. '88. — This is likely why
the Neotropics has more ^{plant} species.
A. Gentry

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 November, 1990

file
Ms. Jane Holland, Assistant Editor
Geological Magazine
Cambridge University Press
Department of Earth Sciences
The University, Downing St. faxed to: ⁴⁴⁻ 0223-333450
Cambridge, UK CB2 3EQ

Dear Ms. Holland:

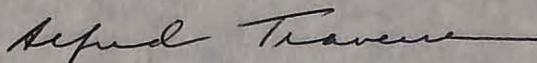
I've read the Marshall paper and am returning it by post, as you suggest. I have written some comments in red directly on the MS.

The paper is an important and interesting piece of work, but it shows evidence of being produced too rapidly. For example, there is a bad clanger in line 2 of the abstract, where it says "younger", but means "older." Younger would contradict the major thesis of the paper!

There are places where the exact position of things is a bit muddled. Page 6 refers (l. 6) to the wrong figure. Page 8 refers one to Fig. 5, but the fossils in Fig. 5 are not the ones referred to. I am therefore confused as to what Marshall wanted to emphasize.

I believe the author should sit down with the MS, check it very carefully for gremlins and sharpen up the writing. Then it would be a good contribution for your journal.

Yours very truly,



Alfred Traverse
Professor of Palynology

AT/et

Geological Magazine

PUBLISHED BY CAMBRIDGE UNIVERSITY PRESS

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Dr A. Traverse
Department of Geosciences
Pennsylvania State University
University Park
PA 16802
USA

23 October 1990

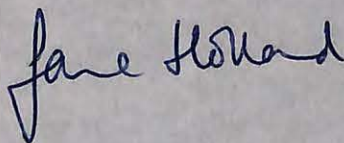
Dear Dr Traverse,

C. P. Hughes asks if you would be kind enough to act as a referee for the enclosed Rapid Communication by J. E. A. Marshall, entitled 'Palynological evidence for a mid Silurian age from the Stonehaven Group, Scotland and its geological significance'.

The Magazine is starting a new Rapid Communications section for short papers (no more than 4 published pages) of topical interest. We have a printing schedule that will produce them quickly, but it is also important to have a rapid decision on the paper's acceptability. If you are unable to take this paper on, or would be unable to give an opinion within three weeks, do please let me know straight away.

I have enclosed a copy of the circular which explains more about the new Rapid Communications section. The most rapid way to reply would be by fax, with the manuscript sent separately by post. I shall look forward to hearing from you.

Yours sincerely,



Jane Holland
Assistant Editor

Geological

Sciences

Seminar



Speaker: Dr. Alfred Traverse
Univ. of Texas

Topic: Pollen and Spore
Sedimentation in the Recent
Environments of the
Gulf Coast

Wednesday, Feb. 2nd
4:00 pm.

Hunt Institute for Botanical Documentation
Rm. 26 M.S.

Delivered-To: traverse@ems.psu.edu
From: Nancy Williams <nwilliams@geosociety.org>
To: Alfred Traverse <traverse@ems.psu.edu>
Subject: RE: paid pubs. not received
Date: Fri, 13 Nov 1998 11:36:31 -0700
X-Mailer: Internet Mail Service (5.5.2232.9)

*File
Geological Soc.
of America*

Dear Dr. Traverse,

I'm so sorry you are not receiving the abstract volumes!

This is what our records show - you have ordered and paid for the NE section and the Annual Meeting abstracts every year since 1994 (as far back as my screen shows) with the exception of 1996 and 1997, when you did order the Annual Meeting abstracts, but NOT the NE section abstracts.

For this year, I checked the paper copy of the mailing labels, and your name and address was there, which means that a mailing label WAS generated, and that as far as I know, the volumes left our warehouse with all the others. So I really can see no problem on this end. The ONLY thing I noticed was that we do not have "Palynology Lab" as part of your address. I have now added it to see if that makes any difference, but if you have been receiving your monthly GSA Today, I'm not sure where the problem is.

I will be happy to send out the two volumes that you are missing for this year. You may want to check with the person who receives the mail for your department, or with other faculty members to see if anyone else had a problem.

Please let me know if there is anything else that I can do.

Sincerely,

Nancy S. Williams
Membership and Employment Service
The Geological Society of America
3300 Penrose Place, P.O. Box 9140
Boulder, CO 80301-9140
(303)447-2020, ext. 117 or 800/472-1988, ext. 117
Fax 303-447-1133
nwilliams@geosociety.org
<http://www.geosociety.org>

> -----Original Message-----

> From: Alfred Traverse [SMTP:traverse@ems.psu.edu]
> Sent: Friday, November 13, 1998 8:39 AM
> To: member@geosociety.org
> Subject: paid pubs. not received

> Dear Friend at GSA:

> Please check something for me. I am fellow of GSA, have been so for many
> years. I am now emer., but I pay each year for the annual meeting and the
> NE section meeting abstracts, according to my records. However, I have
> not
> received same for a couple of years. I wonder if some sort of snafu
> didn't
> occur when I became emeritus?

> Although as an officially "retired" member I don't pay dues, I guess, if I
> do pay for those abstract volumes I should get them, not so?

> I would still like to receive the current abstract volume for the just
> ended national meeting, if your records show that I paid for same! If
> they
> don't show that, I want to get to the bottom of why not.

> Thanks. Alfred Traverse.

GSA

member@geosociety.o, 11:54 AM 11/8/96, ann. mtng. abstract vol.

1

To: member@geosociety.org

From: traverse@ems.psu.edu (Alfred Traverse)

Subject: ann. mtng. abstract vol.

Cc: arthur@geosc.psu.edu

Bcc:

X-Attachments:

Geological Society of America

Dear Friends:

It's neat that I don't have to pay dues any more. However, I always check that I want the annual meeting abstract and program volume. Last year according to my records I paid \$24 for that item.

Problem is that this year it didn't ever come. Do you have a record of having sent it? If so, it must have been lost or high-graded somewhere along the line.

Could you still find one to send me?

Best. Alfred Traverse, Professor Emeritus, Fellow of GSA

Printed for traverse@ems.psu.edu (Alfred Traverse)

1

5 October, 1982

The Editor
Geological Society of America Bulletin
3300 Penrose Place
Boulder, CO 80301

Dear Friend:

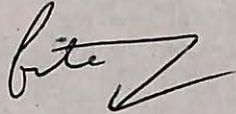
Just a note to protest full-page "abstracts" such as that on p. 681 of the current Bulletin. Makes a farce of the purpose of an abstract. (Should never be more than one column, at most!!)

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

June 182



THE GEOLOGICAL SOCIETY OF AMERICA, INC.
3300 Penrose Place, Boulder, Colorado 80301 U.S.A.

This acknowledges receipt of your manuscript entitled:

"Caradocian land plant microfossils from Libya"
MS#2804C

You should be hearing from the Editor shortly regarding the further
processing of this manuscript.



EDITORIAL SECRETARY

12/77



file

**THE
GEOLOGICAL SOCIETY
OF AMERICA**

Office of the Executive Secretary

May 11, 1973

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

Dear Dr. Traverse:

I am very pleased to tell you that the Council of the Society elected you to Fellowship at its Spring Meeting on May 8, 1973. The Officers, Councilors and Fellows join me in extending congratulations and a warm welcome to you on the occasion of your election.

As you know, Fellowship is an honorary rank, qualification for which is established by achievement in, or contributions to, the advancement of the geological sciences.

You are encouraged to participate widely in Society affairs, and the Council extends a particular invitation to you to attend the annual scientific meetings of the Society, as well as those of your particular section. Your presence at the functions and deliberations of the Society can make an effective contribution and perform a service which will be truly appreciated by the membership at large. You can also be instrumental in bringing prospective Fellowship nominees to the attention of the Society.

We welcome your views, opinions and suggestions, and I will look forward to hearing from you or seeing you here at the Society's Headquarters.

Sincerely,

Edwin B. Eckel
Executive Secretary

February 8, 1973

file
Committee on Membership
Geological Society of America
3300 Penrose Place
Boulder, Colorado 80301

Dear Sirs:

Could somebody tell me what the status of my nomination for fellowship is? Soon after the subject came up last autumn, two of the persons who I suggested as nominators wrote me that they had immediately sent the forms in. Where does it all stand now? I noticed that I was not elected to fellowship at the fall, 1972, meeting.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi



✓
**THE
GEOLOGICAL SOCIETY
OF AMERICA**

October 2, 1972

Alfred Traverse
Professor of Geology & Biology
Deike Building
The Pennsylvania State University
University Park, Pennsylvania 16802

Dear Mr. Traverse:

I am pleased to comply with your request for the enclosed forms for nomination to Fellowship.

As a candidate for Fellowship, you must be sponsored by three Fellows of the Society who are well acquainted with your current work. At least one of them must be from an organization other than your own. The Committee on Membership also suggests that you contact your sponsors before naming them in order to avoid unnecessary delay should the sponsor inform the Committee that he has not had enough recent communication with you to be able to give an evaluation.

The evaluation forms are to be sent to your sponsors along with the completed white cards. Please complete the yellow card and return it to Headquarters.

Please feel free to contact me if you have any questions.

Sincerely,

Joan Heckman
(Mrs.) Joan Heckman
Membership Assistant

September 21, 1972

Geological Society of America
3300 Penrose Place
Boulder, Colorado 80301

Dear Sirs:

I just happened to notice in the current GSA yearbook that I have been a member of the Society now for about 20 years. Occasionally it has crossed my mind when I see lists of people "promoted" to fellowship that I might be deserving such consideration myself. How does this happen?

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi



THE
GEOLOGICAL SOCIETY
OF AMERICA

March 5, 1971

Dr. Alfred Traverse
Pennsylvania State University
University Park, Pennsylvania 16802

Dear Dr. Traverse:

Some time ago you were kind enough to act as reviewer for Glenn E. Rouse's, W. S. Hopkins, Jr.'s, and K. M. Piel's paper, "Palynology of Some Late Cretaceous and Early Tertiary Deposits in British Columbia and Adjacent Alberta," which was included in our Special Paper 127, Symposium on Palynology of the Late Cretaceous and Early Tertiary.

As a small token of thanks from the Society we are sending a complimentary copy of the book to you.

Unselfish and generous technical reviewers like you are the backbone of our publication business. Thank you.

Sincerely,

Edwin B. Eckel
sm

Edwin B. Eckel
Editor

Enc.

February 10, 1971

Dr. Richard H. Jahns
President of the Geological Society of America
P.O. Box 1719
Boulder, Colorado 80302

Dear Dick:

Thanks for yours of 28 January and the encouragement that it lends my hopes for reinstatement under the same terms as those now being applied to members who rejoin after a lapse of time. It seems to me that a retroactive policy is the only logical one the Society can hold because it would seem to be patently unfair to give people who now are reinstated a privilege which is refused members who rejoined several years ago. I note that in the first response to my earlier letter the point was made that it would be very difficult to search the records and so on, and I would like to suggest that the way this could be handled would be simply to advertise the fact that this new policy has been adopted retroactively and that persons who would like to have their original date of joining the GSA listed for all purposes could appeal for such consideration. This way, the probably few of us who care about this matter could have their status clarified, and the Society would be covered against complaints that all of the past records have not been searched.

It might even be that somebody who felt strongly about this matter could take it into his mind to resign and then rejoin asking for reinstatement as of his first election to the Society; that is obviously ridiculous. I don't suppose one should really care very much one way or the other, but somehow it irks me to be listed as having joined GSA in 1966 when I know that except for the lapse of the years in seminary, I was continuously a member for quite a long time in the fifties and early sixties.

Anyway, thanks for your patience about such an apparently trivial matter.
Best regards.

Yours very truly,

Alfred Traverse

Professor of Geology & Biology



**THE
GEOLOGICAL SOCIETY
OF AMERICA**

January 28, 1971

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

Dear Al:

This is an additional response to your letter of January 21, concerning official GSA records relating to your reinstatement as a member of the Society.

I agree with Dr. Eckel's view that you have a real point in suggesting that the recently adopted "reinstatement policy" be made retroactive. I'll see that this matter is brought to the attention of the Council at our next meeting, which is scheduled for April 19-20.

Best regards.

Sincerely yours,

Richard H. Jahns
President

cc: E. B. Eckel



file
↙

**THE
GEOLOGICAL SOCIETY
OF AMERICA**

Office of Executive Secretary

January 21, 1971

Dr. Alfred Traverse
Department of Geology
Deike Building
Pennsylvania State University
University Park, Pennsylvania 16802

Dear Dr. Traverse:

I am replying to your letter of January 16 addressed to President Jahns.

I regret to inform you that while the Council did indeed enact a more realistic policy toward reinstatement they made no provision whatever to make it retroactive. Aside from that, the actual mechanics of locating all reinstated members among the 8,300 total membership would be difficult. Many would inevitably be overlooked, which would be very unfair.

Despite these problems, there is no question that you and numerous others have a real point. I feel sure that the Membership Committee and the Council will be re-examining the reinstatement policy in the near future.

Sincerely,

Edwin B. Eckel
Executive Secretary

cc: Dr. Richard Jahns
Dr. Creighton Burk

January 6, 1971

The President
Geological Society of America
P.O. Box 1719
Boulder, Colorado 80302

Dear Dr. Jahns:

I am writing you in regard to the new "reinstatement policy" outlined in the current number (vol. V, no. 4) of The Geologist. I am very happy to see that this more humane policy has been adopted. It seems to me only fair that the policy be made retroactive.

What I have reference to you is that when I went to seminary in the early 60's, I found it necessary for economy reasons to resign from the various scientific societies to which I belonged. It was my intention at that time to remain active as a paleontologist, however, and as soon as I was through seminary and could be reemployed in that capacity I applied for reinstatement in the various societies, including the GSA. When I applied for reinstatement I requested that my date of joining GSA originally be retained for such purposes as the Yearbook, but that was denied in 1966, since it was not then the policy, and I am listed in the Yearbook as being a member only since 1966.

I hereby request that in view of the new policy my original date of joining GSA be used henceforth for all purposes. I believe the records will show that it was something like 1952 or 1953. It only seems fair that if this policy will be applied to members now seeking reinstatement, it should be applied, ex post facto, to those who were reinstated previously. Looking forward to comments, if any, on this question, I am

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vs1



file

**THE
GEOLOGICAL SOCIETY
OF AMERICA**

Office of Executive Secretary

26 February 1968

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

Dear Dr. Traverse:

Although my reply to your inquiry has been unavoidably delayed your name was promptly restored to the list of affiliates of the Coal Geology Division and is now stored in our computer.

I agree completely with your feeling about the use of the re-instatement date as I ran into the same practice with another society to which I had belonged for over twenty years. Other members have made the same complaint. I intend to take it up with the Executive Committee.

Sincerely,

R. C. Becker
Executive Secretary

RCB:hs

MAIL
1

THE GEOLOGICAL SOCIETY OF AMERICA
231 East 46th Street
New York, N. Y. 10017

This acknowledges receipt of your
abstract for the 1967 Annual Meetings.

R. C. Becker

Executive Secretary

Hunt Institute for Botanical Documentation

June 2, 1967

Geological Society of America
231 East 46 Street
New York, New York 10017

Dear Sirs:

The chairman of the Program Committee for the group before which I plan to present two papers at the New Orleans meetings informs me that the abstracts which I submitted a while ago must be transferred to GSA official abstract blanks for the 1967 meetings.

Will you please send me a half dozen forms by return mail, since the deadline is technically already past.

Yours very truly,

Alfred Traverse
Associate Professor of Geology

AT:kaw

Department of Geology and Geophysics
Pennsylvania State University
University Park, Pennsylvania 16802

19 September, 1966

✓ Geological Society of America
P. O. Box 2436
Menlo Park
California 94025

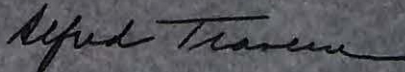
Dear Sirs:

Will there be space available at the 1966 meeting for university groups to exhibit?

We should like to have an exhibit for the Catalog of Fossil Spores and Pollen, a non-profit publication of this department. Is this possible? If it is, would we be charged on the same basis as commercial firms for space? If so, how much?

I would appreciate whatever you can tell me about this.

Yours very truly,



Alfred Traverse
Associate Professor of Geology



File →

1966 ANNUAL MEETING

THE GEOLOGICAL SOCIETY OF AMERICA

at the
SAN FRANCISCO HILTON
Nov. 14-16, 1966

October 11, 1966

GENERAL CHAIRMAN

David Gallagher
U. S. Geol. Survey
Menlo Park, Calif.

VICE-CHAIRMAN

Parke D. Snavely Jr.
U. S. Geol. Survey
Menlo Park, Calif.

PROGRAM CHAIRMAN

Joseph T. Gregory
Dept. of Paleontology
Univ. of California
Berkeley, Calif.

Professor Alfred Traverse
Department of Geology and Geophysics
Pennsylvania State University
University Park, Pennsylvania 16802

TREASURER

Charles J. Kundert
Utah Const. & Mining Co.
550 California Street
San Francisco, Calif.

Dear Professor Traverse:

HOUSING CHAIRMAN

Gordon B. Oakeshott
Calif. Div. Mines & Geol.
Ferry Building
San Francisco, Calif.

Your letter of September 19 inquiring about exhibit space at the Annual Meeting of the Geological Society of America in San Francisco this November has been transmitted to me. I am enclosing information for Educational Exhibitors which may be helpful to you. The non-commercial booths have all been reserved, however, there is adequate wall space available which should work out well for a book display. Please let us know if you wish wall space reserved.

SESSIONS CHAIRMAN

Arthur D. Howard
Sch. of Mineral Sci.
Stanford University
Stanford, Calif.

Sincerely,

FIELD TRIP CHAIRMAN

Edgar H. Bailey
U. S. Geol. Survey
Menlo Park, Calif.

John W. Harbaugh, Chairman
Exhibits Committee

SERVICES CHAIRMAN

J. David Cerkel
810 Gonzales, Apt. 9-J
San Francisco, Calif.

JWH:gl

EXHIBITS CHAIRMAN

John W. Harbaugh
Sch. of Mineral Sci.
Stanford University
Stanford, Calif.

ENTERTAINMENT CHAIRMAN

Ward C. Smith
U. S. Geol. Survey
Menlo Park, Calif.

Please send your reply to the signer of this letter

Geo. Survey of
Canada

February 9, 1970

Department of Mines and Technical
Surveys
Geological Survey of Canada
Ottawa, CANADA

Gentlemen:

I would like to request a list of all Geological
Survey of Canada publications.

I look forward to receiving such a list in the
near future.

Yours very truly,

Alfred Traverse
Associate Professor of Geology
and Biology

AT:vsi



*file: geol. surv.
Canada
as correspondence*

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5. Smaltite	Smaltine	Cobalt, Ont.
6. Chalcopyrite	Chalcopyrite	Amulet Mines, Que.
7. Pyrite	Pyrite	Hungerford Tp., Ont.
8. Pyrrhotite	Pyrrhotine	Sudbury, Ont.
9. Arsenopyrite	Arsénopyrite	Marmorà, Ont.
10. Hematite	Hématite	Steep Rock Lake, Ont.
11. Magnetite	Magnétite	Mayo Tp., Ont.
12. Ilmenite	Ilmenite	St. Urbain, Que.
13. Siderite	Sidérose	Londonderry, Ont.
14. Chromite	Chromite	St. Cyr, Que.
15. Molybdenite	Molybdénite	Lacorne Tp., Que.
16. Fluorite	Fluorite	St. Lawrence, Nfld.
17. Quartz, massive	Quartz massif	Buckingham, Que.
18. Quartz, crystal	Quartz cristallin	Lyndhurst Tp., Ont.
19. Calcite	Calcite	Cardiff, Ont.
20. Feldspar, microcline	Feldspath microcline	Derry Tp., Que.
21. Feldspar, albite	Feldspath albite	Villeneuve, Que.
22. Hornblende	Hornblende	Derry Tp., Que.
23. Tourmaline	Tourmaline	Buckingham, Que.
24. Pyroxene	Pyroxène	Wakefield Tp., Que.
25. Mica, muscovite	Mica muscovite	Eau Claire, Ont.
26. Mica, biotite	Mica biotite	Sebastopol Tp., Que.
27. Mica, phlogopite	Mica phlogopite	Portland Tp., Que.
28. Talc	Talc	Madoc, Ont.
29. Barite	Barytine	Walton, N.S.
30. Gypsum	Gypse	Hillsboro, N.B.
31. Anhydrite	Anhydrite	Windsor, N.S.
32. Apatite	Apatite	Templeton Tp., Que.
33. Asbestos	Amiante	Thetford Mines, Que.
34. Garnets	Grenats	Dana Tp., Ont.
35. Limonite	Limonite	Londonderry, N.S.
36. Manganese ore	Minerai de manganese	New Ross, N.S.

Prepared by Geological Survey of
Canada, Department of Mines and
Technical Surveys, Ottawa, Canada.

Préparée par la Commission
géologique du Canada
Ministère des Mines et des
Relevés techniques
Ottawa, Canada.

Nov. 1, 1959

May 7, 1970

Information Office
Geological Survey
Washington, D. C. 20242

Dear Sirs:

I recently received from your office several publications which are of considerable interest to me vis á vis, a possible use in teaching here at Penn State. One of the publications is entitled "Geologic Time". I don't seem to find it listed in your pamphlet "Popular Publications of the Geological Survey", but I would guess that it is one of that series. Is it possible to obtain fairly large numbers of such a publication to distribute to a class--say several hundred? If the publication is not normally distributed in that many copies, is it possible that for a charge we could obtain copies?

May I have copies for my perusal of the following "Popular Publications": 1. Volcanoes 2. Volcanoes of the United States 3. The Antarctic and Its Geology 4. The Great Ice Age 5. Our Changing Continent 6. The San Andreas Fault. Thank you very much for your help.

Yours very truly,

AT
Alfred Traverse
Associate Professor of
Geology and Biology

AT/mrw

16 August, 1983

Publication Center
Geological Survey of Canada
601 Booth St.
Ottawa, Ontario, Canada K1A 0E8

Dear Friends:

Do you still have copies of Barss & Williams, GSC Paper 73-26?
If so, could I please buy two copies? Will send check as soon as I hear
how much, or perhaps you could send with a bill?

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

GEOLOGY REVIEW FORM

Geological Society of America
3300 Penrose Place, P.O. Box 9140
Boulder, Colorado 80301
(303) 447-2020

To: Al Traverse, Penn State

From: Eldridge M. Moores
Editor, *Geology*

Ref: 6429G Holocene Pollen Stratigraphy and
Inferred Vegetation..by NELSON 2/6/86

"Articles for *Geology* should be stimulating, provocative, innovative" (and published quickly)

1. Is the paper of broad interest to earth scientists outside its immediate field of specialty? Yes No Why?
Because the study doesn't change what was previously known
2. Is the paper innovative? Yes No Why? *It's a study of vegetational history already well known.*
3. Is the paper provocative? Yes No Why? *Nothing very new.*
4. Is the paper (A) written clearly? Yes No
(B) sufficiently concise? Yes No
(C) properly organized? Yes No
5. Are all the illustrations (A) pertinent? Yes No Why?
(B) legible? Yes No *but need additional info. See below?*
6. Is the title clear and succinct? Yes No
How can it be improved?
7. Is the abstract a succinct, factual summary? Yes No
How can it be improved?
8. Are the data sound? Yes No
9. Is the hypothesis testable? Yes No
10. Are the references adequate? Yes No
11. Should this paper be published in *Geology*? Yes No
Please explain below.
12. May we identify you to the author(s)? Yes No

COMMENTS to be transmitted to the author(s) by GSA. (Please continue on a separate sheet if necessary. Write comments directly on the manuscript if you wish.)

This study is a nice piece of work, and my recommendation against publication must be understood only as reflecting the editor's pleas to recommend only innovative papers of broad geological interest. That's not what this paper is. This is a needed extension of post-glacial pollen stratigraphy already fairly well known from other areas to the particular part of NY concerned. We need hundreds more such from all over the country, and they should be published. If Quaternary Research won't take this, try Palynology, or Grana, or Pollen et Spores, etc.

I have noted a few gremlins in red directly on the MS. ~~the~~ author misinterpreted Traverse & Ginsburg, which has to do with water transport mostly. Also, the place was the Bahamas, not the Caribbean. The author should tell what kind of sampler was used. The geographic figure needs to make the site easier to find.

in methods
Personal file department: Geology should provide a postage-attached return envelope, instead of only a mailing label!

9 April, 1984

Dr. Eldredge Moores
→ Geology
Department of Geology
University of California
Davis, CA 95616

Dear Dr. Moores:

Thanks for the note. Re the Boucot-Gray response to our comment, I only wanted to make the point that it didn't address our criticism at all, but launched mostly into peripheral areas. Some of what they said critically about our previous work was at least partly correct, but our publication of years ago wasn't before the house--theirs was. I suggest only that it might be possible (somehow?--I have no idea how) to compel an answer to a comment to deal with the subject of the comment and it alone perhaps a reviewer could get the wholepackage, comment-and-answer? I don't know what technique to suggest.

Best wishes.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et



GEOLOGY

Eldridge Moores, Editor

← file

(916) 752-8938

Department of Geology

University of California

Davis, California 95616

U.S.A.

March 15, 1984

Alfred Traverse
Department of Geoscience
Pennsylvania State University
University Park, Pennsylvania 16802

Dear Dr. Traverse:

Thanks for your letter on the Anderson article. You are quite right, and I will try to keep an eye out for this point in the future.

I also owe you a letter about the discussion-reply with Boucot-Gray and yourself and Strother. I am afraid I suppressed that one for a long time. Art can certainly be difficult to deal with at times (shudder). In your letter you conveyed your frustration at their response. Please believe me, it was considerably more civilized than the one originally submitted. We tried to see to it that all the extraneous material was removed. If we missed some, I apologize, albeit belatedly.

Cordially,

Eldridge Moores
Editor



GEOLOGY

Eldridge Moores, Editor

(916) 752-8938

Department of Geology

University of California

Davis, California 95616

U.S.A.

February 23, 1984

Alfred Traverse
Dept. of Geosciences
Pennsylvania State University
University Park, PA 16802

Dear Dr. Traverse:

Thank you for your excellent review of "Paleobotany and the Evolution of Plants". The review will now be copy edited and scheduled for publication in GEOLOGY.

Thank you for taking the time to review the volume for us.

Sincerely,

Eldridge M. Moores
Editor

EM:lw

21 February, 1984

The Editor, Geology
P.O. Box 9140
Boulder, CO 80301

Dear Friend:

This is obviously not intended for publication!

Just a suggestion: the article by Anderson et al. on the Heldenberg Gp. in 12:120-123, seems to contain nowhere a statement as to the age of the rocks. Undesirable. Should be in Abstract at least, if not in title. I believe you should have this as invariable editorial policy.

Best wishes.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

30 January, 1984

Ms. Jean Davis
Editorial Office, Geology
The Geological Society of America
P.O. Box 9140 3300 Penrose Place
Boulder, CO 80301

Dear Ms. Davis:

Here's the review of Stewart's text, per yours to me of 18 January.

I discussed with colleagues whether the level 1 or level 2 was appropriate. Consensus was that despite the specialized subject-matter, an important text in paleobotany is a major event in paleontology deserving full coverage.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et
encl: MS

Paleobotany and the Evolution of Plants. By W. N. Stewart. Cambridge University Press, Cambridge, England, 405 p., \$ 29.95.

After generations of American students have used the decades-old paleobotanical texts of Arnold and Andrews, there are now available two new ones. Taylor's (1981) ^{book} will inevitably be compared with this ~~book~~ ^{one} by Wilson N. Stewart, an emeritus professor at the University of Alberta. Stewart spent a large chunk of his career at the University of Illinois, and is a product of the coal-ball-petrifaction wing of paleobotany, just as Taylor is. Professor Stewart is, however, linked by training and experience to the classical generation of American paleobotany to much more of a degree than is Professor Taylor. The two texts are quite different. Stewart's treatment is for the most part thorough and, except for occasional gremlins, accurate and up-to-date as to presentation of fact. For example, the latest information on primitive angiosperms and pre-angiosperms is very thoroughly treated, as is the current state of information about the trimerophytes, a critical Devonian vascular plant group, the importance of which was not known until comparatively recent time. (The latest information on early Silurian possible land-plant fossils is for some reason omitted.) However, Taylor presents data about the various groups and subjects one after the other, with practically no stratigraphic order or speculation about relationships or derivations. Not even a cladist could find fault. Stewart, on the other hand, gives us dozens of non-cladistic evolutionary charts and discussions and tells us in the Foreword that he considers this approach essential to making the subject vital. The "telome theory" of Zimmerman, with its Goethe-like assertion that the

organs of most vascular plants can be analyzed in terms of derivation from hypothetical units of stem structure of ancestral plants is barely mentioned by Taylor, but is the basis for pages of diagrams and speculation by Stewart. (The stamen is even discussed on p. 383 as a possible "telome truss"!) There are also many "theoretical intermediate stages" of various evolutionary lines--"Hypothetical stage in the evolution of the sporangio^{phore}", "Hypothetical origin of cycadeoid cone ^{from an} ~~form as~~ axillary shoot", etc.

Many of the family trees are chopped into segments (one might gather from p. 313 that the trimerophytes mostly are notable as cycadophyte ancestors), though it is rather easy to reconstruct by comparison of succeeding charts what the total picture would be. And yet Stewart can be very conservative in some situations: for example, he avoids suggesting an origin for Mesozoic and later ginkgophytes. The book is gorgeously and extensively illustrated and beautifully printed with very few typos (such as "from genera" for form-genera on p. 25) or other mistakes (palynologists will be astonished to learn that Eucommidites is tricolpate on p. 369).

Because of the large page, small print format, I would estimate that the book is really 50% longer than the Taylor text. It is unfortunate that the book lacks a glossary and that authors aren't indexed, though this will not handicap most users. In this age of cladistic analysis of paleontological data, Stewart's family trees and morphological speculations will offend some, but this is clearly a book from which a modern course in paleobotany could be organized even by a non-paleobotanist, and it can also serve as a useful source book for paleontologists generally, in the way Arnold's Introduction to Paleobotany did for many years.

Reference

Taylor, T.N., 1981. Paleobotany: an introduction to fossil plant biology. McGraw-Hill, New York, 589 pp.

Alfred Traverse
Pennsylvania State University
University Park, PA 16802



THE
GEOLOGICAL SOCIETY
OF AMERICA

P.O. Box 9140 · 3300 Penrose Place
Boulder, Colorado 80301
(303) 447-2020

file -
Geology

January 18, 1984

Dr. Alfred Traverse
Dept. of Geology
Pennsylvania State University
University Park, PA 16802

Dear Dr. Traverse:

We are now organizing our book reviews into two levels: (1) brief comments on content and quality of books of specialized interest to one field in geology and (2) full review of books of interest to a wide, interdisciplinary audience. The latter is the traditional book review form.

After examining the enclosed book, please decide if it merits review and if the review should be on level 1 or 2 as described above. If it is level 1 (brief comments), please use the following review as a guide:

Review of Urban Geomorphology in Drylands
by R. U. Cooke, et al., Oxford University Press, New York, 400 p., \$32

This book deals with special hazards of dryland urbanization from a geomorphic perspective, and contains information useful to those interested in desertification. It is well written and is a must for planners in arid lands; suitable as an advanced planning textbook.

H. G. Wilshire

If you decide the book merits a full review, please limit it to two (2) pages (typed double spaced) and give the book title, author(s), or editor(s), publisher, place of publication, year of publication, number of pages, and price at the beginning of the review.

Please send your comments or review within six weeks. The review volume is yours to keep.

Sincerely,

Jean Davis
for

Eldridge Moores, Editor
Geology

file

13 May, 1983

Dr. Eldridge M. Moores
The Editor, Geology
University of California
Davis, CA 95616

Dear Dr. Moores:

First, this is obviously not intended for publication! I write just with a suggestion growing out of the Strother-Traverse comment (Geology 83) ~~in~~ the Gray-Massa-Boucot paper in Geology 82. Months after I sent this comment in, I phoned to see what was going on and was told that as originally submitted, the Gray et al. response ~~is~~ was too unprofessional to publish, and that there would be a delay pending revision. I called because such a comment tends to become superfluous if not timely. (Indeed, in this case, as you may know, D. G. Smith, 1981, Lethaia 14:26, had actually already--unbeknownst to us--written exactly our comment even before Gray et al. 1982 paper in Geology!) In any event, the Gray et al. "reply" to our comment simply does not respond to our (and Smith's) criticism that Gray and Boucot do not describe their fossils, and often do not tell exactly where they come from either. Instead, Gray et al. in their "reply" get off on a totally irrelevant (and intemperate) attack on systematic nomenclature, which we didn't stress--we stressed the lack of description and lack of reference to the literature. Incidentally, I contacted two of the listed reviewers, and they told me their reviews had urged more systematic description.)

So now the suggestion--why shouldn't comments and replies be subject to some sort of (at least in-house) review? Surely anybody who compares the Gray et al. reply with the comment would see that the reply doesn't reply, but departs to other ground such as interpretations we made in earlier papers, etc., with a certain amount of swear-tactics, innuendo, and the like. Perhaps a reviewer would have suggested that our comment also needed restating to make our major point ("Gray provides little or no specific information.") clearer. I think, however, it was clear enough.

Best wishes and sympathy for the hard job you have as editor.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et



GEOLOGY

Eldridge Moores, Editor

(916) 752-8938

Department of Geology

University of California

Davis, California 95616

U.S.A.

April 6, 1983

Alfred Traverse

We have received your review of the manuscript by Roberts.

Thank you very much.

Sincerely,

Eldridge M. Moores
Editor

GEOLOGY REVIEW FORM

Geological Society of America
3300 Penrose Place, P.O. Box 9140
Boulder, Colorado 80301
(303) 447-2020

To: Alfred Traverse, Penn State

From: Eldridge M. Moores
Editor, *Geology*

Re: #3741G The Palynology of a Nonmarine Neogene
Deposit in the... by ROBERTS 3/15/83

"Articles for *Geology* should be stimulating, provocative, innovative" (and published quickly)

+ Jon Whitehead

1. Is the paper of broad interest to earth scientists outside its immediate field of specialty? Yes No Why?
I can't answer this categorically - I would regard it as quite interesting but probably not of "broad" interest.
2. Is the paper innovative? Yes No Why?
No new techniques or really significantly innovative conclusions.
3. Is the paper provocative? Yes No Why?
Results are pretty much in accord with previous work, as the author notes
4. Is the paper (A) written clearly? Yes No
(B) sufficiently concise? Yes No
(C) properly organized? Yes No *But see letter*
5. Are all the illustrations (A) pertinent? Yes No Why?
(B) legible? Yes No *but please see accompanying letter - improvement as needed.*
6. Is the title clear and succinct? Yes No *but*
How can it be improved?
Add word pre-Quaternary before Neogene, or say "probable Miocene"
7. Is the abstract a succinct, factual summary? Yes No
How can it be improved?
8. Are the data sound? Yes No *As far as they go. Data on the Spencer fm. too meager.*
9. Is the hypothesis testable? Yes No
10. Are the references adequate? Yes No
11. Should this paper be published in *Geology*? Yes No
Please explain below.
If you have room, if sufficiently improved.
12. May we identify you to the author(s)? Yes No

COMMENTS to be transmitted to the author(s) by GSA. (Please continue on a separate sheet if necessary. Write comments directly on the manuscript if you wish.)

Please see attached letter.

GEOLOGY review re: #3741G (Roberts)
from: Alfred Traverse

This paper is to me as a specialist in Neogene palynology quite interesting. I do have a number of critical comments which I hope will be useful to the authors and editors:

1. The authors do not take the sort of care with botanical nomenclature that readers of a first class scientific journal have a right to expect. There is even a spelling error of a generic name in the abstract, perhaps indicating a little too much haste in getting the paper "into the mill".

When species names are used, the authors must append the author name the first time the name is used.

The capitalization of vernacular names is just random and must be straightened out: Douglas fir (p.3) or Douglas Fir (p.2), Grand fir (p.3) but western larch (p.2), etc., etc. In a scientific paper, vernacular names such as "alder" should be avoided, especially (see p.7) where, for example, Picea, not "spruce" is used in the same section.

2. Materials and methods: Naming the brand of microscope is as unnecessary an exercise in this sort of paper as is mentioning the magnifications employed, etc. All that should be deleted. The authors do not explain why "150" grains were counted where possible. Why 150? Besides that, two samples yielded less than 100, let alone 150, and yet percentages were calculated for these samples. I would regard the processing technique described as inappropriate for siltstone--just HF, dispersion, screening and float-sink should have been used. The technique used is o.k. for a peat, but too destructive for a shale of any kind, in my opinion.

3. Why is the Spencer fm. short-changed? Surely in a palynological paper we could expect some description of its palynoflora, or the statement that it was barren! Is that perhaps the reason that so much had to be hung on one poor little foram? I believe the authors have got to say in a palynological paper at least a bit about the palynology of the Spencer. It could have a bearing on the palynology of the presumed Miocene sediments.

4. The statement on p.6 about the Pleistocene, implying it is not part of the Neogene is a real clanger and must be patched up.

8 February, 1983

Dr. Eldridge M. Moores
Editor, Geology
Department of Geology
University of California
Davis, CA 95616

Dear Dr. Moores:

Whatever happened to Strother and my comment on the Jane Gray paper, accepted for publication ~~via~~ your letter of 28 July, 1982? I just phoned Strother, and he says he has also heard nothing more.

By the way, if it's possible, Strother's credit line should now change from Harvard to:

Department of Geology
Dickinson College
Carlisle, PA 17103

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et
cc: Strother



GEOLOGY

Eldridge Moores, Editor

(916) 752-8938

Department of Geology

University of California

Davis, California 95616

U.S.A.

July 28, 1982

Alfred Traverse
Dept. of Geosciences
Pennsylvania State University
University Park, PA 16802

Dear Dr. Traverse:

I have gone over your Comment on the article by Jane Gray, "Caradocian land plant microfossils from Libya", and I am happy to accept this Comment and Reply for publication in GEOLOGY's Forum.

The Comment and Reply now will be subjected to the normal copy-editing procedures, and then will be scheduled for publication.

Sincerely,

Eldridge M. Moores
Editor

EM:lw

11 May, 1982

The Editor, Geology
Geological Society of America
P.O. Box 9140
Boulder, CO 80301

Dear Friend:

Dr. Paul K. Strother of Harvard (a former student of mine here) and I have reacted rather negatively to the article by Gray et al. in the current Geology. We submit the enclosed formal comment with the request it be published.

Yours very truly,

Alfred Traverse
Professor of ~~Ph~~rynology
(fellow, GSA)

AT/et
encl: response to Gray et al.
cc: P. K. Strother

The recent article on "Caradocian land plant microfossils from Libya" (Geology 10:4) by Gray et al. disturbs us, not because of the age or importance of the material, but because of the non-systematic manner in which the findings are reported. Paleontologists can rightly expect that descriptions of new material will be published, so that they may judge for themselves the validity of conclusions drawn on the particular data set. Gray et al. disregard this cardinal rule. By publishing minimally descriptive, non-systematic treatments of their early land plant palynofloras, they have built up a speculative argument on the origin of the land plants which lends itself to neither refutation or substantiation.

The failure of Gray et al. to compare their fossils with previously formally described palynomorphs demonstrates that they seem not to be aware of the extent of recent progress in the understanding of Ordovician/Silurian terrestrial microfloras. For example, there are at least two named genera, including four species, of upper Ordovician to Ludlovian tetrads known from North America (McGregor & Narbonne, 1978; Strother & Traverse, 1979; Duffield & Legault, 1981). Morphological variation among the tetrad types, including enclosing membranous sacs, leads us to believe that not all of the tetrads are part of a direct lineage tied to the vascular plants. In fact, Pratt et al. (1978) have already suggested the possibility of a connection between Silurian tetrads and the nematophytes, a group of enigmatic plants probably not ancestral to the vascular plants.

Those of us working on these early land plant microfossils would have welcomed description by Gray et al. of the Caradocian palynoflora

in its entirety, along with pertinent comparisons to published forms. Instead, they have published on the "significance" of an unknown number of tetrads, leaving the details of descriptive fact, relative abundance, associated forms, etc., inaccessible. Are the hypotheses put forward by Gray et al. regarding the evolutionary significance of late Ordovician/early Silurian plant microfossils for the origin of the vascular flora valid? Quite possibly they are, but this is for the scientific community at large to decide. Gray et al. have yet to provide the relevant community with morphological/systematic descriptions for their "benchmark" in paleobotany.

References Cited

- Duffield, S.L. & J.A. Legault, 1981. Acritarch biostratigraphy of Upper Ordovician-Lower Silurian rocks, Anticosti Island, Québec: Preliminary results: Subcommission on Silurian Stratigraphy, Ordovician-Silurian Boundary Working Group, Field meeting, Anticosti-Gaspé, Québec, 1981, Vol. II, Strat. & Paleontol., P.J. Lespérance, Ed.:91-99.
- Gray, J., D. Massa & A.J. Boucot, 1982. Caradocian land plant microfossils from Libya: Geology 10:4:197-201.
- McGregor, D.C. & G.M. Narbonne, 1978. Upper Silurian trilete spores and other microfossils from the Read Bay Formation, Cornwallis Island, Canadian Arctic: Canadian J. Earth Sci. 15:1292-1303.
- Pratt, L.M., T.L. Phillips & J.M. Dennison, 1978. Evidence of non-vascular land plants from the early Silurian (Llandoveryan) of Virginia, USA: Rev. Palaeobot. Palynol. 25:2:121-149.
- Strother, P.K. & A. Traverse, 1979. Plant microfossils from Llandoveryan and Wenlockian rocks of Pennsylvania: Palynology 3:1-21.

Paul K. Strother
Paleobotanical Laboratories
Harvard University
Cambridge, MA 02138

Alfred Traverse
Palynological Laboratories
Pennsylvania State University
University Park, PA 16802

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

1 March, 1989

Dr. Vasanthy George
Institut Français
P.B. 33
Pondichéry 605001, India

Dear Dr. "V.G."

Thanks for your interesting letter of 19 Jan., 1989, and the equally interesting enclosures re your poster. It reminds me that you would have enjoyed Krassilov's papers at IOP and IPC in Australia last August. He said, in effect, "The standard ideas about pollen evolution haven't helped much, let's try some odd-ball ideas!"

The ideas in your and Stan's poster are very interesting, but should be viewed, I suppose, as "palyno-poetry." I think as long as it is viewed in that light, it's very helpful--let's consider some far-out ideas! That the various things you've called attention to necessarily have the meaning you attribute to them, and that they are connected phenomena, is very speculative, as I'm sure you realize. I regard that as o.k., if so labelled, but it will be criticized by others.

I react a little negatively to the on-going quotation by everybody of Bruce Cornet's "unpublished" work--which usually refers to his letters (often complete with plates). This corpus of stuff is becoming a sort of "para-literature." Why not invite Bruce to be co-author of your paper and put his stuff in print, where it will then be a part of the legitimate literature?

Could you tell me about the 10 stamp on your packet? What species? What is going on?--reforestation? I pay attention to stamps with plants.

Best wishes.

Yours very truly,

Alfred Traverse

AT/et

XXXXXX

16 July, 1979

Mrs. Ruth B. Hubert
Geoscience and Man
LSU--School of Geoscience
Baton Rouge, LA 70803

Dear Ruth:

How good to hear from you!

Never heard of the "dark day"--fascinating. Obviously, someone should check this out with an astronomer (isn't there one at LSU?). Perhaps there was a total solar eclipse for Louisiana, circa 1780. Other possibilities exist--for example, a dust cloud, but an eclipse seems most probable.

All the best.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

LOUISIANA STATE UNIVERSITY
AND AGRICULTURAL AND MECHANICAL COLLEGE

BATON ROUGE · LOUISIANA · 70803

School of Geoscience

Publications Section

July 9, 1979

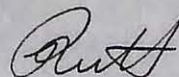
Alfred Traverse
Department of Geosciences
529 Deike Building
Pennsylvania State University
University Park, Pennsylvania 16802

Dear Dr. Traverse:

It's been some time since we've been in contact --

I'm writing now to ask if you have any information about a "phenomenon" in which my next-door neighbor is interested. He has told me that, over the years, several persons in his family--older persons who are now dead--mentioned in his presence a number of times "the dark day," which their knowledge, passed down through time, I suppose, dated to 1780. The aspects of the event were that of an eclipse--chickens going to roost, and so on--but apparently an eclipse was not involved (perhaps there was and these people did not know about it). I think that he's heard about the event from outside-the-family persons, also. I'm inclined to think that whatever it was, it was a regional (southern) happening; but obviously a total amateur like me should keep his mouth closed in such matters. If you have any information about "the dark day," you might pass it along directly to Dr. E. C. Burns, Department of Entomology, Louisiana State University, Baton Rouge, LA, 70803. He'd be most grateful!

Sincerely,



Mrs. Ruth B. Hubert
Ass't. to the Editor
Geoscience and Man

rh

XXXXXX

April 14, 1976

Mrs. Ruth B. Hubert
Geoscience & Man
School of Geoscience
Louisiana State University
Baton Rouge, LA 70803

Dear Ruth:

Enclosed is my review of the Doyle-Robbins paper--it was a cinch, My correction deal and the Doyle MS have also been mailed--under separate cover.

I hear that AASP is thinking of deserting LSU--I will miss those fun phone calls to Ruth! Best wishes

Yours very truly,

Alfred Traverse
Professor of Palynology

AT:jb

cc: R.L. Pierce

Enclosure: Review

Review of paper by Doyle & Robbins

This was a fairly unique experience--reviewed a paper and found almost nothing to make me insist on change. As far as style and so forth are concerned, it is so good that I am not going to offer any comments at all!

I do have some general comments that may or may not be useful:

1. It is unfortunate that Fig. 2 is apparently planned to be sideways --I hate sideways (not to mention upsidedown) figures.
2. While the authors have provided the minimal number of location and stratigraphic figures, I found myself wishing hard that there had been some sort of "doylean" summary charts showing the general morphological trends that are mentioned in such detail in the text and shown in Text-fig. 3--it's all there, but wading through the text is very laborious. I wonder also if some sort of tabular presentation would not be possible for both the present and previous work--this reader would find it more useful than the pages of "so-and-so ~~begat~~ so-and-so."
3. The lack of systematics is regrettable, and the "degree of comparison" bit (p. 14 ff.) will not help too much. To tell the truth, the systematics should not be done last in this sort of project. "This system may appear cumbersome" (p. 5) is an understatement. The danger is that the systematics may be postponed forever. One suspects that Doyle has a "let George do it" approach to systematics--a common approach--keeps one out of hot water. The unnumbered plates I was sent were a pain in the posterior but suggested that the authors have enough information to do the systematics. I didn't like the apparent applause for the Hughesian approach (pp. 14 ff.)--it's an invitation to chaos, but since nothing formal is done anyway, one can't fault Doyle for his approach--but why mention the genus-box, etc., business at all?
4. The discussion of red-bed lithology and other geological matters on p. 43 and associated pages is very hard to read--too many parenthetical statements, etc. Could the sentences perhaps be shortened, or supporting references be handled differently, to improve understandability?

I find nothing at all to recommend major trouble for Doyle & Robbins --only suggest that if they wanted to attempt a little more illustration, especially tabular presentation in place of some running text, this reader would find it welcome.

LOUISIANA STATE UNIVERSITY
AND AGRICULTURAL AND MECHANICAL COLLEGE

BATON ROUGE · LOUISIANA · 70803

School of Geoscience

Publications Section

March 1, 1976

Alfred Traverse
Department of Geosciences
529 Deike Building
The Pennsylvania State University
University Park, Pennsylvania 16802

Dear Dr. Traverse:

I should like to have your opinion on a manuscript submitted for the American Association of Stratigraphic Palynologists 1975 Proceedings. The 84-page manuscript by J. A. Doyle and Eleanora I. Robbins is entitled "Angiosperm Pollen Zonation of the Continental Cretaceous of the Atlantic Coastal Plain and Its Application to Deep Wells in the Salisbury Embayment."

I should appreciate very much your reading the manuscript and giving me your comments and opinion on its content and quality. Enclosed is a stamped, self-addressed postcard that requires only that you check your answer, sign, and mail it.

Sincerely,



Mrs. Ruth B. Hubert
Assistant to the Editor

rh
enc

THE PENNSYLVANIA STATE UNIVERSITY

DEIKE BUILDING
UNIVERSITY PARK, PENNSYLVANIA 16802

College of Earth and Mineral Sciences
Department of Geosciences
Palynological Laboratories

Area Code 814
865-6543
865-2342

August 26, 1975

Mrs. Ruth B. Hubert
Geoscience and Man
Louisiana State University
School of Geoscience
Baton Rouge, LA 70803

Dear Ruth:

My review of Hart's paper is enclosed. I have benefited from comments by my graduate student, Bruce Cornet. I am enclosing the paper and am also sending a xerox copy with our red-pencil comments.

There still are some major problems. One of these is that I wonder whether a major thesis of the paper--regarding Soviet rejection of continental drift--is still operational. I was recently in the USSR and met a number of Soviet folks who accept drift. Also, I am troubled regarding originality and credits. Would it be too late to send a copy of the paper to Sergei Meyen for comment? He is noted in the acknowledgments section. My experience with Meyen is that he answers queries promptly. I would be very interested in his opinion of the paper.

I also feel that the illustrations are very difficult, and that an additional one is required--but all that is covered in the review.

Best wishes.

Yours very truly,

AL

Alfred Traverse
Professor of Palynology

P.S. Meyen's address is: Dr. S. U. Meyen
Geological Institute
Academy of Science, USSR
Pyzhevskii Pereukok, 7, Moscow-zh-17
USSR

AT:jb

Enclosures: 1) original copy of paper
2) xerox copy of paper with red-pencil comments.
3) comments on paper

Review of paper by George F. Hart

Major matters:

1. Illustrations: the present figures are much too difficult. The paper speaks of moving continental blocks, but the figures show the continent as stable (check Caspian sea, for example) and the latitude lines moving!--This is very difficult to follow. It would be far more helpful and in agreement with the text to keep the latitude lines constant and show the continental blocks as moving.
2. We feel that the floras of the various "realms," domains, etc., at various times in geologic history are not well enough known to Dr. Hart's potential reading audience for these terms to be thrown in without explanation. We would urge a simple chart which would list the major components of the floras concerned. Such a chart would be much preferable to the alternative solution, which would be to mention the major characteristics of the floras in the text itself. On pp. 4-8 we feel that the progression of floras of realm and domain, mostly without a word of explanation as to composition, is very bewildering to anybody, except possibly one who already knows the material.
3. on p. 3: "four phases of floral history" are introduced: Narnian, etc. Are these "phases" from the literature? Why no reference? If original or in an original sense, should they be defined?

Minor comments:

- Abstract, 1. 4: Suggest inversion as shown
- p. 1, para. 2, 1. 3: have moved
- p. 2, para. 2, 1. 2: Earth?

p. 2, para. 3, l. 2: very few data

p. 2, para. 3, l. 4: summary

p. 4, para. 2, last line: taxonomists, not systematians!

p. 5, para. 2, l. 1: Namurian-B (no quotation marks)

p. 8, l. 1: a term such as "choria," apparently from Takhtajhan,
probably demands a definition here--certainly does for this reader.

p. 10, para. 2: could be trouble here--S. Meyen is quoted in acknowl-
edgments, and he may be offended by this statement (cf. Meyen, S.V.,
1973, Über die Hypothese der Kontinentaldrift unter dem Aspect der
Paläobotanik des Karbons und Perms: z. geol. Wiss. (Berlin) 1:4:417-
431.)

GEOSCIENCE AND MAN

PUBLISHED BY THE SCHOOL OF GEOSCIENCE
LOUISIANA STATE UNIVERSITY
BATON ROUGE, LOUISIANA 70803

August 26, 1975

~~XXXXXXXXXX~~
~~XXXX~~

RUTH B. HUBERT
Assistant to the Editor

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

Dear Dr. Traverse:

Your retraction/corrections paper arrived in yesterday's mail. There will be no problem in incorporating it into the 1974 Proceedings volume. Will be on the lookout for report number two on George's latest effort.

Sincerely,



Ruth B. Hubert
Assistant to the Editor

rh

August 25, 1975

Mrs. Ruth B. Hubert
Geoscience and Man
Louisiana State University
School of Geoscience
Baton Rouge, LA 70803

Dear Ruth:

My review of Hart's paper is enclosed. I have benefited from comments by my graduate student, Bruce Cornet. I am enclosing the paper and am also sending a xerox copy with our red-pencil comments.

There still are some major problems. One of these is that I wonder whether a major thesis of the paper--regarding Soviet rejection of continental drift--is still operational. I was recently in the USSR and met a number of Soviet folks who accept drift. Also, I am troubled regarding originality and credits. Would it be too late to send a copy of the paper to Sergei Meyen for comment? He is noted in the acknowledgments section. My experience with Meyen is that he answers queries promptly. I would be very interested in his opinion of the paper.

I also feel that the illustrations are very difficult, and that an additional one is required--but all that is covered in the review.

Best wishes.

Yours very truly,

Alfred Traverse
Professor of Palnology

P.S. Meyen's address is: Dr. S. U. Meyen
Geological Institute
Academy of Science, USSR
Pyzhevskii Pereukok, 7, Moscow-zh-17
USSR

AT:jb

Enclosures: 1) original copy of paper
2) xerox copy of paper with red-pencil comments.

THE PENNSYLVANIA STATE UNIVERSITY

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865-2342

20 August, 1975

Mrs. Ruth B. Hubert
Geoscience & Man
Louisiana State University
School of Geoscience
Baton Rouge, LA 70803

Dear Ruth:

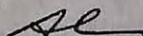
Just finished talking to Rick Pierce about a problem I have.

In the Cornet-Traverse paper recently published there are a few boo-boos that are proving embarrassing to me. Rick feels that you all would look favorably on granting me a page for retractions and corrections, a la Jansonius in the current number.

I am therefore submitting herewith the copy for the proposed page and hope that it can be accepted.

Hope all goes well with my friends in B. R. Best wishes.

Yours very truly,



Alfred Traverse
Professor of Palynology

P. S. Am hard at work on the Hart MS and will get it back to you soon.

GEOSCIENCE AND MAN

PUBLISHED BY THE SCHOOL OF GEOSCIENCE

LOUISIANA STATE UNIVERSITY

BATON ROUGE, LOUISIANA 70803

May 22, 1975

BOB F. PERKINS
Editor

RUTH B. HUBERT
Assistant to the Editor

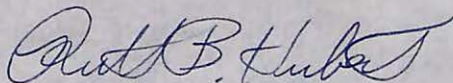
Dr. Alfred Traverse
Department of Geosciences
The Pennsylvania State University
University Park, Pennsylvania 16802

Dear Dr. Traverse:

WE DID RECEIVE THE CHECK!! It was deposited back in April. The gal who keeps our books just didn't tell me that she had received it.

I know you'll be relieved to know that everything is OK.

Sincerely,



Mrs. Ruth B. Hubert
Assistant to the Editor

rh

100% Cotton
Fidelity Onion Skin
York

May 15, 1975

Mrs. Ruth B. Hubert
School of Geoscience
Louisiana State University
Baton Rouge, Louisiana 70803

Dear Ruth:

Thank you so much, once again, for your help in getting our manuscript into decent shape for publication. I think we have finally captured all the gremlins!

One thing about our telephone conversation did rather shape us up on looking into the matter--you said that you had still not received \$200 which we paid for "page costs". I have checked into this and found out that we sent the check out in early April, and it should have reached you long ago. Would you please check into the matter and find out whether possibly the money was put into the wrong account, or something?

Best wishes to all of you and (as a fellow editor!), my sympathy and best wishes!

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/vjs

April 7, 1975

Mrs. Ruth B. Hubert
Geoscience & Man
School of Geoscience
Louisiana State University
Baton Rouge, Louisiana 70803

Dear Ruth:

I enclose herewith the corrected page proof for our two articles. I believe we sufficiently took care of the problems over the phone that the corrected proof should now be self-explanatory. If not, please contact me. If there are pages with substantial amounts of resetting it would be desirable to send me xerox copies of the net results!

Regarding the words "comprise" and "compose"--I don't really feel strongly about this, and I would say to let them stand.

I am grateful that you are letting me enjoy my idiosyncrasy on Samoilovich et al. 1961! Thanks for your help and best wishes.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/vsi

Enclosure: corrected page proof of
two articles

cc B. Cornet

GEOSCIENCE AND MAN

PUBLISHED BY THE SCHOOL OF GEOSCIENCE
LOUISIANA STATE UNIVERSITY
BATON ROUGE, LOUISIANA 70803

March 27, 1975

C. O. DURHAM, JR., Director
School of Geoscience
PHILIP B. LARIMORE, Manager
Cartographic and Production Services

BOB F. PERKINS, Editor

PUBLICATION COMMITTEE
William A. van den Bold
Ray E. Farrell, Jr.
Harley J. Walker
William G. Haag, Chm.

Mr. Bruce Cornet
Dr. Alfred Traverse
Department of Geosciences
The Pennsylvania State University
University Park, Pennsylvania 16802

Dear Mr. Cornet and Dr. Traverse:

Enclosed is page proof of your joint article that will appear in Geoscience and Man, XI, the 1973 AASP Proceedings volume.

Please read carefully, marking any corrections in the margins. Remember that at page proof stage, any textual changes must correspond to the exact number of original characters; we cannot add or delete lines. Return the corrected set so that I receive it no later than April 9.

An invoice for page charges is enclosed.

In the matter of the editor(s) for Pollen and Spores of Western Siberia, I am enclosing a Xerox of the "credits" page from the book, which, I am told by our "resident Russian," indicates that both Smilovich and Mchedlishvili are presented as editors. Other AASP contributors (i.e., Felix & Burbridge) list them as co-editors.

Sincerely,



Mrs. Ruth B. Hubert
Assistant to the Editor

PS. Proof of your critique of Hughes is also enclosed!

rh
enc 3

January 17, 1975

Ms. Ruth Hubert
Geoscience & Man
School of Geosciences
Louisiana State University
Baton Rouge, LA 70803

Dear Ruth:

Under separate cover we are sending you the corrected proof of the paper, per discussion over the phone earlier this morning. I think everything is self-explanatory. If not, please phone me about any problems. As we mentioned, we are very anxious to see proof which will show what happened to Table 1, the one figure which was redrafted, and the sections of the paper which have had to be extensively altered in proof. We certainly appreciate all the effort that you are putting into producing a good product!

Would you discuss with Bob Perkins the question of the money which I am still owing to Geoscience & Man for that color plate of long ago. Did I ever pay for it? If not, please make a page charge on this paper sufficient to cover that debt and get it taken care of once and for all.

Best wishes as always.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/vsi

cc B. Cornet

P.S. One item we perhaps ~~we~~ should have taken up over the phone but didn't--regarding the reference to Samoilovich, 1961--for reasons having to do with our bibliographic procedures in the Catalog of Fossil Spores & Pollen I very much want the reference to this book to be "Samoilovich et al."--not Samoilovich & Mchedlishvili, as you seem to want to carry it. I don't know where you got the idea that it would have that dual authorship. If anything, it would be Samoilovich by herself as editor, but I would prefer Samoilovich et al.

Enclosure: order for reprints

GEOSCIENCE AND MAN

PUBLISHED BY THE SCHOOL OF GEOSCIENCE

LOUISIANA STATE UNIVERSITY

BATON ROUGE, LOUISIANA 70803

January 5, 1975

C. O. DURHAM, JR., Director
School of Geoscience
PHILIP B. LARIMORE, Manager
Cartographic and Production Services

BOB F. PERKINS, Editor

PUBLICATION COMMITTEE
William A. van den Bold
Ray E. Farrell, Jr.
Harley J. Walker
William G. Haag, Chm.

Bruce Cornet
Alfred Traverse
Department of Geosciences
The Pennsylvania State University
University Park, PA

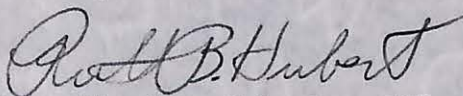
Dear Mr. Cornet and Dr. Traverse:

Enclosed is galley proof of your paper that will appear in the
1973 AASP Proceedings volume.

Please read carefully and mark all textual and typographical
corrections in the margins of the proof and initial each page.

Please return your corrected proof so that I receive it no
later than January 10¹³.

Thank you.


Mrs. Theodore Hubert,
Assistant to the Editor

rdv

Enclosure

November 7, 1974

Mrs. Ruth B. Hubert
Assistant to the Editor
Geoscience and Man
Louisiana State University
Baton Rouge, LA 70803

Dear Ruth:

We have your letter of 20 October.

Here are our comments on the points you raised:

1. Harris, 1944 (C&T p. 21), is quoted from Couper, 1958, because we have been unable to get the Harris paper. I don't like indirect references, but it seemed to me that since we made clear exactly what we were doing, it was excusable in this instance.
2. Levette-Carette, 1964 (C&T p. 41), is mentioned only for a generic name in a synonymy and is therefore not required for the References.
3. Thiergart, 1949 (C&T p. 52). This one should be in the References, as follows: Thiergart, F., 1949, Der stratigraphische Wert mesozoischer Pollen und Sporen: Palaeontographica (Abt. B), v. 89, p. 1-34.

Also, VERY IMPORTANT, please note that we have found a serious error in the Thiergart quotation on p. 52. PLEASE correct this. It should be as follows:

1949 Bennettiteae-Pollenites, reclusus Thiergart, p. 11, pl. 2, Figs. 14-15; pl. 3, Fig. 6

(We had p. no. wrong and genus name partly wrong and plates in illogical order! Thanks!)

4. Reference for Venkatachala, 1966 (C&T p. 61). Please add to references:

Venkatachala, B.S., 1966, Mesozoic operculate pollen and their morphology: The Palaeobotanist, v. 15, p. 98-101.

5. Re Antonescu reference: Palynology of Mesophyte should not be underlined; the words just ahead of that phrase should be underlined: de Gresten de Roumanie. Please make that correction.
6. We think that the Danzé-Corsin et al. contribution is handled the best way possible. However, I enclose photocopies of the title-page and of the page that heads the palynologic section, so that you can use your judgment on what should be done. Incidentally, the complete pagination of the whole volume, should that come up, is 143. Also, the J.-P. for Laveine in the References should be hyphenated--please correct that.

Thanks for your continued work on our behalf. Tell Bob P. that the critique has been written and is out to my reviewers (Pocock, Norris, Schopf & Ames).

Best wishes.

Yours very truly,

Alfred Traverse (and Bruce Cornet)
Professor of Palynology

AT/vsi

Enclosure: pages from Briche et al.

GEOSCIENCE AND MAN
PUBLISHED BY THE SCHOOL OF GEOSCIENCE
LOUISIANA STATE UNIVERSITY
BATON ROUGE, LOUISIANA 70803

October 28, 1974

C. O. DURHAM, JR., Director
School of Geoscience
PHILIP B. LARIMORE, Manager
Cartographic and Production Services

BOB F. PERKINS, Editor

PUBLICATION COMMITTEE
William A. van den Bold
Ray E. Farrell, Jr.
Harley J. Walker
William G. Haag, Chm.

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

Dear Mr. Cornet and Dr. Traverse:

I need to bring up a couple of minor points in connection with your joint paper for the forthcoming AASP Proceedings volume.

The following authors are cited in the text, but their names do not appear in the References: Harris, 1944, text-page 21; Levet-Carette, 1964, text-page 41; Thiergart, 1949, text-page 52; Venkatachala, 1966, text-page 61. Will you please supply this information and I will incorporate it into your References.

In the References themselves, I am somewhat unclear about the Antonescu listing. Why is the first part of the title given in French and the second in English? Is Palynology of Mesophyte the over-all title of the Proceedings?

Finally, I need the title of the Briche/Danze-Corsin/Laveine publication in which Flore Infraliasique . . . appears.

Sincerely,

Ruth B. Hubert

Mrs. Ruth B. Hubert
Assistant to the Editor

quoted from Cooper

no reference

no reference

no reference

complete outline of title

yes article in French, journal in Russian - journal possesses English translation of title

they in the title - send photographs cover page

PS. We are in real need of Dr. Traversis critique of the Hughes paper. Can you help us - all rh

Bob

October 7, 1974

Ruth B. Hubert
Assistant to the Editor
Geoscience and Man
Louisiana State University
Baton Rouge, Louisiana 70803

Dear Ruth:

Here are the requested originals for Text-Figs. 1, 2, 3 & 5. As we just discussed over the phone, Bruce Cornet and I are concerned that the lettering of the figures be changed as little as possible because we picked the type-styles for what we thought were good reasons. The pattern may be a bit weak in one or two small spots, and if that can be improved, fine.

Please send us a copy of your revision efforts so that we can decide whether to go along with them.

Regards to Bob and others at LSU--one of my favorite places.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/vsi
Enclosures: art work

GEOSCIENCE AND MAN
PUBLISHED BY THE SCHOOL OF GEOSCIENCE
LOUISIANA STATE UNIVERSITY
BATON ROUGE, LOUISIANA 70803

file

C. O. DURHAM, JR., Director
School of Geoscience
PHILIP B. LARIMORE, Manager
Cartographic and Production Services

BOB F. PERKINS, Editor

July 6, 1974

PUBLICATION COMMITTEE
William A. van den Bold
Ray E. Farrell, Jr.
Harley J. Walker
William G. Haag, Chm.

Professor Bruce Cornet
Department of Geosciences
The Pennsylvania State University
University Park, Pennsylvania

Dear Professor Cornet:

Enclosed are readers' comments and a copy of your 1973 AASP Proceedings paper. Reader No. 1 is Jim Schopf who has asked that I not conceal his identity from you and Al. Jim's very carefully done review has some suggestions which you and Al may want to follow in revising your manuscript.

Your eight plates can be reduced very easily to seven by eliminating some of the open space in plates 1-7. Enclosed is a hastily prepared example using Xerox copies of your plates suggesting one possible arrangement. We prepare the plate masks which clear the plate background in our office rather than depending on the platemaker's artist. Our method utilizes an overlay in which a window for each figure is cut accurately. The overlay is made directly on the original plate, therefore if the individual photos are cut very close to the image edge (as in your plates) an accurate window is almost impossible to achieve. A better plate will be produced if your individual photos are trimmed with a one-sixteenth inch border beyond the desired final image area. In order to insure the greatest fidelity in the final plate you can provide a copy (Xerox or preferably photocopy) of your plates on which you have carefully outlined each figure showing the limits of the desired final image. Rearrangement of plates will require revised plate descriptions. Please consult previous issues of the AASP Proceedings for correct style in plate descriptions. Your original plates have been returned under separate cover. ✓

Please make the alterations that are required by the reviews and return the enclosed copy of the manuscript with your changes and revised plates to me so that I receive them by September 9, 1974. It is not necessary to re-type the entire manuscript, but changes or additions of more than one line should be inserted by cutting the manuscript and pasting the changes in the proper location.

Retain a copy of the corrected manuscript for your use in reading galley proof. We will not send manuscript copy with galley proof. You will receive reprint order forms with galley proof.

Very truly yours,

Bob F. Perkins

Bob F. Perkins
Professor of Geology

cc: R. L. Pierce
A. Traverse

READER NO. 1

Incidentally, the title should be shortened: "Palynologic Study of Triassic and Jurassic Deposits in New England" would satisfy me better. A person should not try to tell the whole story in the title. Perhaps a shorter and better title might still be suggested. *don't agree* ✓

The results are very interesting but the composition leaves something to be desired. Chiefly it is a matter of emphasis -- a penchant for unnecessarily long terms ("palynoflorules") -- and, little regard for the topic sentence that makes the reading difficult.

I hate to suggest it because it will take some time and I would like to see the results got into publication as soon as possible. However, I do believe the manuscript should be gone over again with special consideration to emphasis and subordination of ideas. With a relatively minor reorganization, and without adding new information (which I am sure the author's will now have and be tempted to include), I am sure a more appropriate presentation will be effected.

It is truly a fine contribution and worthy of a better job in literary composition, particularly in the introductory parts. These ought to be recast and rewritten. I believe if the authors will take another, more critical look at it they will be able to make improvements. They should be encouraged to do this. In any event the subject matter is significant and I would very much like to see it published in "Geoscience and Man" in the near future. The quality content is very high.

COPIED FROM READER NO. 1, HANDWRITTEN NOTATIONS

p. 1, l. 3 -- "concerned strata" (?). I have never seen strata become emotional. It would be just as well to concentrate on geologic correlation of these Triassic deposits. ✓

l. 5 from bottom -- Rhaeto-Liassic is the form I would prefer. ✓

Text-figure 3 -- "Erosional Unconformity" should be arrowed. Does it apply to line above or line below, or to both? ✓
*✓ Red
Text*

I suppose it would be impractical to renumber them, but it would be much easier to follow if sample numbers could follow some sort of predictable sequence. *don't agree*

It seems odd that a fault with no displacement is shown north of the Gaillard Graben. It would seem better to me in this case to take out the double arrows, use a double line along the fault and indicate that the stratigraphic position has been reconstructed. ✓

*isospore =
microspore*

p. 14-etc. How come the spores of Verrucosisporites cameronii and Convolutispora klukiforma, and others, are described as "microspores"? Has something happened to suggest these plants were heterosporous?

I think the fossils probably represent isospores, but if you wish to be conservative you could use Guenée's term miospores.

You must agree that, past unsophisticated geological practices to the contrary notwithstanding, it would be misleading to refer to microspores unless you believed the plants were heterosporous. Practically, it would make no taxonomic difference. However, it does suggest that you are either unaware of the botanical difference between isospory and heterospory, or that you regard this difference as completely insignificant. To me it seems a point of comparative botanical importance and I have hoped we could discard unsophisticated practices. I would make the point (perhaps unnecessarily) that if you work on plant material it is appropriate to make some concession to the consensus of formal opinion in botany.

p. 8, middle. Does "CT" stand for Conn.?

It would be better if fig. 2 showed a few more geographic reference points for those who are not so familiar with New England geography. Maybe it would be easy to show the difference between MA and CT.

(I really think these abbreviations are inappropriate for use in any connection but Zip Code)

p. 8, middle. I always gag a little bit at "creation" of a new species. The systematic process is to propose. Is it suggested that a taxonomic "creation" is just another type of proposition? Of course no one really creates anything; it only makes me wonder whether the "younger generation" really comprehends the meaning of terms. (Of course I go along with the "creation of -- names, as on p. 36. If an author wants to take or give credit for creation, names is the place to do it! Names and species, however, are not to be confused).

p. 46, The following would seem to me a more appropriate statement under "Remarks": "This generic name was validated by Cookson (1947) under circumstances similar to those described above under Araucariacites!"

p. 48, line 8 from bottom: How can you "correct the morphology"? I think they corrected or amended a diagnosis or description.

p. 49, middle: "it is the only way"? Another way would be to utterly reject the neotype. If Maly's description was vague and inadequate, I don't see how you can prove the neotype is really definitive or connectable with the taxon. In all probability it is the same, but I predict that many palynologists will cite this questionable circumstance to avoid a name change.

The only question I would pose is, which interpretation is likely to be most conducive to stability of nomenclature? If you answer this I think your solution will be accepted.

It seems to me when I come across the term "intrastructural", I think it should be infrastructural. (cf. p. 63; It also occurs in other places). Of course some one may have introduced another term with which I am not familiar. At any rate the word is not meaningful to me and only raises question as to what is intended.

✓
don't
agree

p. 65, line 9. "An organ species" -- What is this? To me it is not particularly objectionable, it is only unmeaningful. I don't know of such an element ever being taxonomically defined, nor can I think of a distinction from species in general. Species are variously defined and differentiated, usually on the basis of organic variations. What is nomenclaturally different about this? Either all species based on plant microfossils are organ species, or none are.

accepted

p. 85, line 7. "massulae" (?) of Corollina meyeriana. Is pollen masses intended? (massulae in water ferns are quite different) See also pl. 2, fig. 6.

good!

I am returning to you enclosed the ms. by Cornet and Traverse on the "Stratigraphy of the Hartford Basin in Connecticut and Massachusetts" for publication in Geoscience and Man. It is a scholarly piece of research and certainly deserves prompt publication. There are a few changes I would like to suggest, however. Two are changes of words in the abstract, the others are minor orthographic changes in spelling on pages 70 and 76. Also checked is one spelling on page 2.

spelling correct

The plates are excellent and from my own experience many years ago, I find it hard to believe there is such a wide range of structural preservation as the authors have well demonstrated.

PROFESSOR CORNET:

I am sending these reviews and manuscript to you from my summer place in Connecticut where I shall be until the end of August. I find that the copy of the manuscript which I am sending has not had the items referred to above transferred to it. As I recall I am sure that these are very minor points. As soon as I return to Baton Rouge at the end of the month I shall send the pages mentioned above to you.

August 6, 1974

BFP

March 28, 1974

Ms. Ruth Hubert
Geoscience & Man
School of Geosciences
Louisiana State University
Baton Rouge, Louisiana 70803

Dear Ruth:

Don't forget our plan to pay our share of that long-ago color plate! I understand Nichols got \$200 via page charges. I can do the same on my MS (Cornet & Traverse) currently with G & M preliminary editing. Charge the residue of what's owing on that plate as page charges on this MS. Was it \$200? Or slightly more?

Best wishes to you all.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/vsi

October 11, 1973

Mrs. Ruth B. Hubert
Geoscience and Man
School of Geoscience
Louisiana State University
Baton Rouge, Louisiana 70803

Dear Ruth:

Doug Nichols has sent me a copy of his letter to you dated 27 September, and I was somewhat astonished by it because the proposal he makes for paying the money which we "owe" you all is exactly what I had in mind! You may remember that I wrote you sometime ago that I had a scheme in mind to pay you the money. What I proposed to do was to encourage you all to make a charge for the paper which we hope will be accepted by Cornet and me for the meeting in Anaheim later this month. I do not have any qualms whatsoever about this because I regard my palynological work here as one project, and it is perfectly justifiable for me to use funds that are earmarked for publications costs any way I see fit. More about this later, but I had expected to talk with Dick Hedlund about this proposition at Anaheim.

Best wishes for your work down there.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi
cc D.J. Nichols

GEOSCIENCE AND MAN

PUBLISHED BY THE SCHOOL OF GEOSCIENCE

LOUISIANA STATE UNIVERSITY

BATON ROUGE, LOUISIANA 70803

August 14, 1973

C. O. DURHAM, JR., Director
School of Geoscience
PHILIP B. LARIMORE, Manager
Cartographic and Production Services

BOB F. PERKINS, Editor

PUBLICATION COMMITTEE
William A. van den Bold
Ray E. Farrell, Jr.
Harley J. Walker
William G. Haag, Chm.

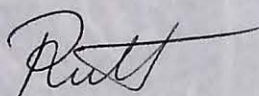
Dr. Alfred Traverse
529 Deike Building
Pennsylvania State University
University Park, Pennsylvania 16802

Dear Dr. Traverse:

Thank you for passing on to Dr. May your corrections for the joint paper. I received his order for reprints yesterday.

The typographical errors and omissions in the paper will all be corrected. Thank you for your conscientious proof-reading.

Sincerely,



Mrs. Ruth B. Hubert
Assistant to the Editor

rh

August 7, 1973

Ms. Ruth B. Hubert
Geoscience & Man
School of Geoscience
Louisiana State University
Baton Rouge, Louisiana 70803

Dear Ms. Hubert:

Enclosed are the corrected page proofs. To my horror, there were still a few typographical errors, including one in the title of the Warg paper! I have corrected all in red. I am surely hoping you will oversee such matters as the "x-alignment" in the May paper! Too bad about the rather extensive italicization errors in bibliography to the Warg paper. I also noted a couple of "boo-boos" in breaking of words in paragraph 1 of the Warg paper (Hym- & carbon-) but decided to let them stand rather than create type re-setting.

Thanks for your help. Best wishes.

Yours very truly,
Alfre

Alfred Traverse
Professor of Geology & Biology

AT/vsi
cc: Warg, May

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

Geoscience & Man

7-VIII-73

Ms. Ruth B. Hubert, etc.

Dear Ruth (may I be so bold?) —

Envelope to Wang just came. He
is no longer here (or in palynology). I
have sent him a copy of what I sent
you earlier today — my corrections. So —
I will deal with reprint ^{question!} ~~question~~, etc.

I do hope some of the "changes" in Jim's
paper can be taken care of — the missing article in
title — the misspellings — and improper italicization
in bibliography.

Best wishes,

Al Travers

ORDER FOR REPRINTS

GEOSCIENCE AND MAN

VOLUME: Geoscience and Man VII

ARTICLE: A Palynological Study of Shales and 'Coals' of a Devonian-Mississippian Transition Zone, Central Pennsylvania

THE ORDER FOR AND REPRINTS OF THIS ARTICLE SHOULD BE INCLUDED ON THIS SHEET. IN THE CASE OF JOINT AUTHORS, REPRINT REQUESTS SHOULD BE CONTAINED INTO ONE ORDER. Separate billing can be made if necessary.

ALL REQUESTS FOR THIS ARTICLE MUST BE MADE AT THIS TIME. INSTRUCTIONS TO OUR PRINTERS WILL BE BASED ON YOUR REPLY, AND LATER ORDERS CANNOT BE ACCEPTED.

COMPLETED ORDER FORM MUST BE RECEIVED BY THE EDITOR NO LATER THAN

August 8

QUANTITY ORDERED 300 (No limit)

SHIPPING INSTRUCTIONS: (Please give complete shipping address)

Send to:

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

BILLING INSTRUCTIONS: (Use back if more space is needed)

Bill to AT

7-VIII-73
date

Alfred Travers
signature

GEOSCIENCE AND MAN

PUBLISHED BY THE SCHOOL OF GEOSCIENCE

LOUISIANA STATE UNIVERSITY

BATON ROUGE, LOUISIANA 70803

August 3, 1973

C. O. DURHAM, JR., Director
School of Geoscience
PHILIP B. LARIMORE, Manager
Cartographic and Production Services

BOB F. PERKINS, Editor

PUBLICATION COMMITTEE
William A. van den Bold
Ray E. Farrell, Jr.
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Dr. Alfred Traverse
Department of Geosciences
Pennsylvania State University
University Park, Pennsylvania 16802

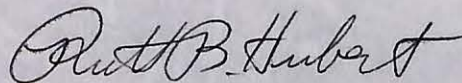
Dear Dr. Traverse:

Enclosed is page proof of both of your joint papers with
Dr. May and Dr. Warg for Geoscience and Man VII, AASP
Proceedings volume.

You will note that the running heads, folio numbers, and
the bibliographic line at the bottom of the opening page are
not yet in place. These and other additions will be incor-
porated into the master set of proof. Please read carefully
and mark your corrections in the margins of the proof. Re-
member that at this stage only factual corrections can be
made and these only in the same number of characters as in
the proof.

I must have your corrected proof no later than August 9.

Sincerely,



Mrs. Ruth B. Hubert
Assistant to the Editor

rh
enc

GEOSCIENCE AND MAN
PUBLISHED BY THE SCHOOL OF GEOSCIENCE
LOUISIANA STATE UNIVERSITY
BATON ROUGE, LOUISIANA 70803

*also for J.B.
Way - separate
letter*

June 4, 1973

C. O. DURHAM, JR., Director
School of Geoscience
PHILIP B. LARIMORE, Manager
Cartographic and Production Services

BOB F. PERKINS, Editor

PUBLICATION COMMITTEE
William A. van den Bold
Ray E. Farrell, Jr.
Harley J. Walker
William G. Haag, Chm.

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

Dear Dr. Traverse:

Enclosed is galley proof of your joint paper in the 1971
AASP proceedings volume.

Mark all text and typographical corrections in the margins of
the proof and initial each page. A copy of proofreader's marks
is enclosed. A duplicate set of proof is going out today to
F. E. May.

Please return your corrected galley proof to me so that I re-
ceive it no later than June 18.

Sincerely,



Mrs. Ruth B. Hubert
Assistant to the Editor

rh
enc 2

700
GEOSCIENCE AND MAN

PUBLISHED BY THE SCHOOL OF GEOSCIENCE
LOUISIANA STATE UNIVERSITY
BATON ROUGE, LOUISIANA 70803

February 13, 1973

C. O. DURHAM, JR., Director
School of Geoscience
PHILIP B. LARIMORE, Manager
Cartographic and Production Services

BOB F. PERKINS, Editor

PUBLICATION COMMITTEE
William A. van den Bold
Ray E. Farrell, Jr.
Harley J. Walker
William G. Haag, Chm.

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

Dear Dr. Traverse:

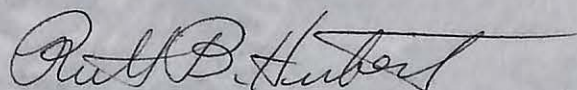
The reprints for Volume 4 of Geoscience and Man have been unbelievably slow in getting trimmed and stapled by our print shop.

As of last Thursday, they should have been completed, according to my information. Therefore they should be delivered this week. I will get yours out just as soon as possible.

I apologize for the delay.

Would you believe Baton Rouge had a second snowfall? Last Thursday night--a complete surprise Friday morning--it started out as rain late in the night and by morning there was about an inch and a half on the ground.

Sincerely,



Mrs. Ruth B. Hubert
Assistant to the Editor

rh

February 8, 1973

Geoscience and Man
School of Geoscience
Louisiana State University
Baton Rouge, Louisiana 70803

Dear Sirs:

Whatever happened to reprints of papers in Volume 4? I can't imagine that I would not have ordered some but none have come.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

GEOSCIENCE AND MAN

PUBLISHED BY THE SCHOOL OF GEOSCIENCE

LOUISIANA STATE UNIVERSITY

BATON ROUGE, LOUISIANA 70803

January 16, 1973

C. O. DURHAM, JR., Director
School of Geoscience
PHILIP B. LARIMORE, Manager
Cartographic and Production Services

BOB F. PERKINS, Editor

PUBLICATION COMMITTEE

William A. van den Bold
Ray E. Farrell, Jr.
Harley J. Walker
William G. Haag, Chm.

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

Dear Dr. Traverse:

Our library made a final report yesterday on the search for the Kedo article--negative.

Mrs. Hanchey, science librarian, suggests that you try to borrow it on inter-library loan.

I'm sorry we couldn't help.

Sincerely,



Mrs. Ruth B. Hubert
Assistant to the Editor

rh

also: see Mrs. H re the
HSD gain. (with
J. Nichols?)

November 24, 1972

→ Mrs. Ruth B. Hubert
Geoscience & Man
School of Geoscience
Louisiana State University
Baton Rouge, Louisiana 70803

Dear Mrs. Hubert:

Thank you very much for yours of 13 November. I am at a loss to understand how the glossy print for text-fig. 2 for the Dunay-Traverse paper could have been omitted. However, I have been able to find one around here and am enclosing it herewith. Do let me know if this is not satisfactory or if you need help of any other kind on this paper.

Best wishes to you all.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi
Enclosure: glossy print
cc R.E. Dunay

 GEOSCIENCE AND MAN

PUBLISHED BY THE SCHOOL OF GEOSCIENCE

LOUISIANA STATE UNIVERSITY

BATON ROUGE, LOUISIANA 70803

November 13, 1972

C. O. DURHAM, JR., Director
School of Geoscience
PHILIP B. LARIMORE, Manager
Cartographic and Production Services

BOB F. PERKINS, Editor

PUBLICATION COMMITTEE

William A. van den Bold
Ray E. Farrell, Jr.
Harley J. Walker
William G. Haag, Chm.

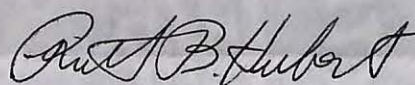
Dr. Alfred Traverse
Department of Geosciences
Pennsylvania State University
University Park, Pennsylvania 16802

Dear Dr. Traverse:

In the process of making Xerox copies of the papers for the 1971 AASP proceedings volume, Geoscience and Man VII, which are sent out to critical readers, I have discovered that there is no glossy print of Text-figure 2 in your joint paper with Dr. Dunay. This is the figure that illustrates the composite geologic column. Can you have one made from the original drawing and send it to me as soon as possible. I am sending out copies now to reviewers and will need it fairly soon.

Thank you.

Sincerely,



Mrs. Ruth B. Hubert
Assistant to the Editor

rh

October 27, 1972

Mrss Ruth B. Hubert
Geoscience & Man
School of Geoscience
Louisiana State University
Baton Rouge, Louisiana 70803

Dear Mrs. Hubert:

Thank you for yours of 10 October, 1972. I have had all the various correspondence from you and Bob Perkins regarding the question of the famous \$400 for the color plate on my desk for some time while I have been trying to do something about it. In the first place, let me say that my memory of the "agreement" varies somewhat from the way it has been presented in the letters from LSU. I recall discussing the matter over the phone with Bob Perkins and telling him that I would "try" to obtain "some" money toward the cost of the color plates. I do not recall having made any firm contractual agreement in this direction.

Nevertheless, I have been trying to find some cash for this purpose, and I am sorry that it is taking so long. Please bear with me a bit longer on this. The truth is that publication money from the original grant has long since been exhausted, and money will have to be found elsewhere (not in my own pocket, I hope!).

Bestwishes to you and Bob.

Yours very truly

Alfred Traverse
Professor of Geology & Biology

AT/vsi

September 22, 1972

Mrs. Ruth B. Hubert
Assistant to the Editor
Geoscience and Man
School of Geoscience
Louisiana State University
Baton Rouge, Louisiana 70803

Dear Mrs. Hubert:

Thank you so much for yours of 18 September which unaccountably got here in only three days!

I have read the page proof and am mortified to discover that there are still some errors, partly my fault, partly perhaps because things have happened between galley proof and page proof? I have marked the changes in red in the usual fashion, but in order to assure that this is taken care of I would like to enumerate them and ask you for your personal help in seeing that the changes are made:

1. On page 88 in the caption to Plate 1, the reference to a text figure in the caption should be to text figure 2, not text-figure 1. Also, as you can see, the spacing in the material for figure 7-11 is very bad, and I have indicated that the situation should be corrected (I thought I had done this on the galley proof, but conceivably I am thinking of the caption for Plate 2).
2. On page 89 in the appendix, paragraph 1, the third line should read from Hsü, 1969 personal communication). (The reason for this is that there was originally a 1969b in the Bibliography to cover this situation, but the editor knocked the 1969b out of the bibliography without knocking it out of the text!)

3. Also on page 89--in the caption material for Plate 2, figure 1, there should be no parentheses around Deflandre and Cookson. The parentheses must be removed and a period provided after Cookson, and the spacing closed up in a more regular fashion.
4. I believe the spacing is somewhat bad in the rest of the caption material to Plate 2, although it would do no great harm other than esthetically to leave it as is.
5. Page 90--the second mention of Hsü should bear the initials K.J. just as the first one does.

Thank you for helping me with this.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

Enclosure: corrected page proof

GEOSCIENCE AND MAN

PUBLISHED BY THE SCHOOL OF GEOSCIENCE

LOUISIANA STATE UNIVERSITY

BATON ROUGE, LOUISIANA 70803

C. O. DURHAM, JR., Director
School of Geoscience
PHILIP B. LARIMORE, Manager
Cartographic and Production Services

BOB F. PERKINS, Editor

PUBLICATION COMMITTEE

William A. van den Bold
Ray E. Farrell, Jr.
Harley J. Walker
William G. Haag, Chm.

September 18, 1972

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

Dear Dr. Traverse:

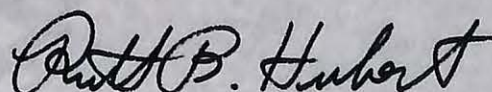
Enclosed is page proof of your paper for Geoscience and Man IV.

You will notice that the running heads and folio numbers, and the reference line at the bottom of the opening page are not yet in place. These, and several other additions, and corrections of remaining typographical errors will be incorporated into the master copy during this week. Because we are now somewhat pressed for time in meeting the deadline for publication, I decided to send out page proof now and not lose needed time while the printer sets the remaining copy and corrections.

I will be reading the master set of proof. Please read carefully and mark your corrections in the margins of the proof.

I should receive your corrected set no later than September 27.

Sincerely,



Mrs. Ruth B. Hubert
Assistant to the Editor

rh
enc

file

GEOSCIENCE AND MAN

PUBLISHED BY THE SCHOOL OF GEOSCIENCE

LOUISIANA STATE UNIVERSITY

BATON ROUGE, LOUISIANA 70803 November 30, 1971

C. O. DURHAM, JR., Director
School of Geoscience
PHILIP B. LARIMORE, Manager
Cartographic and Production Services

BOB F. PERKINS, Editor

PUBLICATION COMMITTEE

Willem A. van den Bold
Ray E. Ferrell, Jr.
Harley J. Walker
William G. Haag, Chm.

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

Dear Al:

I suppose the enclosed formal letter is satisfactory to pass on to the powers at Penn. State for action. If not, let me know what you need.

Your suggestion to Dick about full citations on the first page of each article is good. I shall put it into effect in the next issue!! Thanks.

Reprints from Vol. III are being shipped this week.

With best regards,



Bob F. Perkins

GEOSCIENCE AND MAN

PUBLISHED BY THE SCHOOL OF GEOSCIENCE
LOUISIANA STATE UNIVERSITY
BATON ROUGE, LOUISIANA 70803

November 30, 1971

C. O. DURHAM, JR., Director
School of Geoscience
PHILIP B. LARIMORE, Manager
Cartographic and Production Services

BOB F. PERKINS, Editor

PUBLICATION COMMITTEE

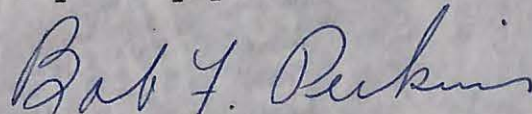
Willem A. van den Bold
Ray E. Ferrell, Jr.
Harley J. Walker
William G. Haag, Chm.

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

Dear Dr. Traverse:

The cost of the color plate in your article on Texas Tertiary lignites in Geoscience and Man, Volume III was \$457.00. According to our original agreement you were to provide cost of the color plate in excess of that for a 300-line halftone plate normally used in the journal. The halftone plates in this volume cost \$57.00 each, therefore the difference of \$400.00 will be your cost for the color plate.

Very truly yours,



Bob F. Perkins

BFP/bms
encl.

GEOSCIENCE AND MAN

PUBLISHED BY THE SCHOOL OF GEOSCIENCE

LOUISIANA STATE UNIVERSITY

BATON ROUGE, LOUISIANA 70803

C. O. DURHAM, JR., Director
School of Geoscience
PHILIP B. LARIMORE, Manager
Cartographic and Production Services

BOB F. PERKINS, Editor

PUBLICATION COMMITTEE

William A. van den Bold
Ray E. Farrell, Jr.
Harley J. Walker
William G. Haag, Chm.

October 10, 1972

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

Dear Dr. Traverse:

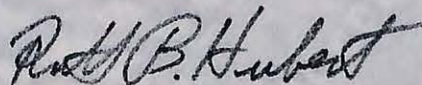
I am writing in regard to the matter of the color plate which was included in your article on Texas Tertiary lignites in Volume III of Geoscience and Man.

It is my understanding that you agreed to pay the cost of the plate in excess of that for a 300-line halftone plate, the kind usually used in the volumes. If you will refer to Dr. Perkins' letter to you dated November 30, 1971, you will see that the final cost was \$400.

I have checked our records and find that the agreed on amount of \$400 has never been received by us. Would you please check to see if there is some problem involved and let me know as soon as possible.

Thank you.

Sincerely,



Mrs. Ruth B. Hubert
Assistant to the Editor

rh

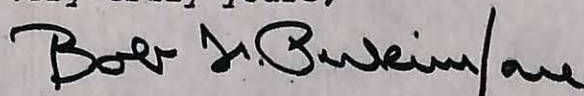
November 30, 1971

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

Dear Dr. Traverse:

The cost of the color plate in your article on Texas Tertiary lignites in *Geoscience and Man*, Volume III was \$457.00. According to our original agreement you were to provide cost of the color plate in excess of that for a 300-line halftone plates normally used in the journal. The halftone plates in this volume cost \$57.00 each, therefore the difference of \$400.00 will be your cost for the color plate.

Very truly yours,



Bob F. Perkins

BFP/bms
encl.

MUSEUM OF GEOSCIENCE



LOUISIANA STATE UNIVERSITY □ BATON ROUGE
70803

Date July 25, 1972

To Dear Al -

We have not received payment on the color plate - copy of my letter of November 17, 1971 - attached. Perhaps you can nudge your accounting department to take care of it.

The 1970 Proceedings is moving rapidly toward the printing stage. I leave in three days for a year in France. The

- For your disposition
 - For your information
 - For your recommendation
 - For your files
 - Please return
- Publication of the AASP proceedings will be continued by my assistant - Mrs Ruth B. Hubert.

Regards,
Bob

GEOSCIENCE AND MAN

PUBLISHED BY THE SCHOOL OF GEOSCIENCE
LOUISIANA STATE UNIVERSITY
BATON ROUGE, LOUISIANA 70803

C. O. DURHAM, JR., Director
School of Geoscience
PHILIP B. LARIMORE, Manager
Cartographic and Production Services

BOB F. PERKINS, Editor

July 19, 1971

PUBLICATION COMMITTEE

Willem A. van den Bold
Ray E. Ferrell, Jr.
Harley J. Walker
William G. Haag, Chm.

Professor Alfred Traverse
529 Deike Building
The Pennsylvania State University
University Park, Pennsylvania 16802

Dear Al:

Enclosed are the following items regarding your paper in the 1969 AASP proceedings volume:

- 1) galley proof (marked PROOF);
- 2) page mockup (marked AUTHOR'S PROOF);
- 3) copy of manuscript from which type was set; and
- 4) reprint order form.

Please mark all text and typographical corrections on the galley proof and initial each page.

The page mockup will give you an idea of how your paper will be arranged. Please check to see that text-figures and captions are properly matched. Do not mark typographical corrections on the page mockup.

Please complete the Reprint Order Form. Note that this is an order for reprints in addition to the fifty provided free to each author by the AASP. I cannot give you a firm price on your reprints at this time, but they will be provided to you at our cost plus shipping. Your reprints will cost approximately \$36.00 for the first hundred and \$21.00 for each additional hundred.

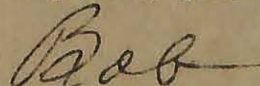
Please send your corrected galley proof, page mockup, and completed reprint order form to me at the address below so that I receive it no later than August 3, 1971:

Bob F. Perkins
Hartland Pond #21
Riverton, Connecticut 06065

It is not necessary to return the manuscript copy.

I am not sending proof or order form to Nichols, so please include any reprints for his use in the one order form.

Very truly yours,



Bob F. Perkins
Professor of Geology

BFP/df
Enclosure

ORDER FOR REPRINTS

GEOSCIENCE AND MAN

VOLUME: AASP for 1969, Volume III

ARTICLE: Palynology, Petrology, and Depositional Environments of Some Early Tertiary Lignites in Texas

Douglas J. Nichols and Alfred Traverse

THE ORDER FOR ALL REPRINTS OF THIS ARTICLE SHOULD BE INCLUDED ON THIS SHEET. IN THE CASE OF JOINT AUTHORS, REPRINT REQUESTS SHOULD BE COMBINED INTO ONE ORDER. Separate billing can be made if necessary.

ALL REQUESTS FOR THIS ARTICLE MUST BE MADE AT THIS TIME. INSTRUCTIONS TO OUR PRINTERS WILL BE BASED ON YOUR REPLY, AND LATER ORDERS CANNOT BE ACCEPTED.

COMPLETED ORDER FORM MUST BE RECEIVED BY THE EDITOR NO LATER THAN

Aug. 3, 1971

QUANTITY ORDERED 200 (No limit)

SHIPPING INSTRUCTIONS: (Please give complete shipping address)

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

BILLING INSTRUCTIONS: (Use back if more space is needed)

27-VII-71
date

Alfred Traverse
signature

THE PENNSYLVANIA STATE UNIVERSITY

DEIKE BUILDING

UNIVERSITY PARK, PENNSYLVANIA 16802

College of Earth and Mineral Sciences
Department of Geosciences
Palynological Laboratories

Area Code 814
863-3419

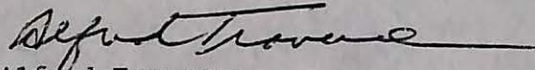
1 August, 1984

Geoscience Resources
1310 Rainey Stm.
Burlington, NC 27215

Dear Friends:

It is desired that the thin-sections be made perpendicular to bedding planes, i. e. stratification (in some instances this will mean that sections will be very narrow!).

Yours very truly,



Alfred Traverse

Professor of Palynology

GEO SCIENCE RESOURCES



1310 RAINEY STREET • BURLINGTON NC 27215 • TEL 919 227-9353 TELEX 574-354

Custom Order Checklist (Please print or type.)

PLEASE DO NOT WRITE IN THIS SPACE

Customer's Order Number _____

Date 1 - August - 1984

BILL TO:

SHIP TO: (If Different From Bill To)

Prof. Alfred Traverse
Dept 435
Pennsylvania State Univ.
University Park PA Zip 16802

← MS

Business Telephone: 814 863 3419

Zip _____

Payment:

Ship Via:

- Check enclosed.
- This order is institutional.

Best Way

Please bill on open account.

Charge to Credit Card: Master Card Visa American Express

Card No.

Expiration Date _____ Signature _____

Laboratory Instructions: (See description of our Custom Services for explanation.)

Size

- Small (26 x 46 mm)
- Large (50 x 75 mm)

Stain

- Calcite
- Calcite, ferrous iron
- Potassium feldspar
- Comprehensive feldspar

Impregnation

- Surface drip
- Clear epoxy
- Blue epoxy

Orientation Marked

- Yes See enclosed letter.
- No

Polish

- Yes: single
- Yes: double
- No

Coverslip

- Yes
- No

Photograph

- Yes (please specify)
- No

Return Sample

- Yes
- No

Please list your sample numbers (attach extra sheet if necessary).

- | | |
|-----|-----|
| 1. | 15. |
| 2. | 16. |
| 3. | 17. |
| 4. | 18. |
| 5. | 19. |
| 6. | 20. |
| 7. | 21. |
| 8. | 22. |
| 9. | 23. |
| 10. | 24. |
| 11. | 25. |
| 12. | 26. |
| 13. | 27. |
| 14. | 28. |
- See attached letter*

All custom preparations are unreservedly guaranteed.

If possible make thin sections from the specimens and to
 the stratification. When samples are too thin
 mount more than one section on the same slide

SAMPLES FOR THIN SECTIONS

- | | |
|------------|---------------------|
| 1) VE-1B | Black shale |
| 2) VE-2A | " " |
| 3) VE-2B | " " |
| 4) VE-3 | COAL |
| 5) VE-4B | BLACK SHALE |
| 6) VE-4B | SILTSTONE-SANDSTONE |
| 7) VE-4D | CLAYSTONE-MUDSTONE |
| 8) VE-5A | BLACK SHALE |
| 9) VE-5B | BLACK SHALE |
| 10) VE-6A | SILTY BLACK SHALE |
| 11) VE-6B | SANDSTONE |
| 12) VE-7A | BLACK SHALE |
| 13) VE-7B | SILTY BLACK SHALE |
| 14) VE-8 | MUDSTONE-SILTSTONE |
| 15) VE-103 | " " |
| 16) BG-104 | COAL |

March 29, 1984

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

Dear Dr. Traverse:

We are in receipt of your samples for thin sectioning. We appreciate your order and will complete it as soon as possible.

Yours sincerely,

GEOSCIENCE RESOURCES, INC.



Annabelle C. Powell, D.Phil.
Managing Director

ACP/sbg

GEO SCIENCE RESOURCES

3/1/84

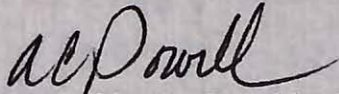
Dr. Alfred Traverse
The Pennsylvania State University
Deike Building
University Park, Pennsylvania 16802

Dear Dr. Traverse,

Thank you for your letter of February 10. We can handle the 3 x 1" microslides just about as easily as the 26 x 46mm, and these are supplied at the same price. We have omitted these from our price list because we very seldom get a request for them.

Please do not hesitate to contact us if you have any further questions.

Yours sincerely,



Annabelle C. Powell, D.Phil.
Managing Director

26 March, 1984

Geoscience Resources
1310 Rainey St.
Burlington, NC 27215

Dear Friends:

Under separate cover I am sending you two pieces of friable shale (= T-802). We need you to impregnate these pieces and make (one from each) polished thin-sections without coverslips, so that they can be studied with reflected-light coal petrological microscopes.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

26 March, 1984

Dr. Annabelle C. Powell
Geoscience Resources
1310 Rainey St.
Burlington, NC 27215

Dear Dr. Powell:

Thanks for yours of 12 March. Everything is o.k. except address. My address is Deike 435, and that is where thin sections, etc., should go, although payment may come from 208 Mueller (or 303 Deike, depending on budget involved). But just send everything to me here, per this stationery.

No need to answer this.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

March 12, 1984

Dr. Alfred Traverse
Professor of Palynology
Department of Geosciences
208 Mueller Lab
Pennsylvania State University
University Park, PA 16802

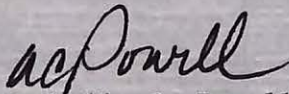
Dear Dr. Traverse:

We are in receipt of your samples for thin sectioning. We appreciate your order and will complete it as soon as possible.

Thank you.

Sincerely yours,

GEOSCIENCE RESOURCES, INC.



Annabelle C. Powell, D.Phil.
Managing Director

ACP/sbg

5 March, 1984

Geoscience Resources
1310 Rainey St.
Burlington, NC 27215

Dear Sirs:

Per our phone conversation of last week, please make for us:

4 thin-sections each, 26 x 46mm, of two samples enclosed (T-643; T-652) on 1 x 3" microscope slides (conventional biological slide size, but thickness of the slide itself can be greater than that of ordinary biological microslides), with coverslips, preparations thin enough to permit study of possible microfossils.

Estimated cost: \$75.00

Thank you very much. A Penn State purchase order is included with the order.

Yours very truly,

Alfred Traverse
Professor of Palynology

camel
NSF
plants

AT/et
encl: two samples, purchase order

10 February, 1984

Geoscience Resources
1310 Rainey St.
Burlington, NC 27215

Dear Friends:

Thanks for the recently received price list. Can you put 26 x 46 mm thin sections on an ordinary biological microslide (about 26 x 76 mm)? If not, would it be possible to make 57 x 76 mm sections and slice them in half lengthwise to achieve the 3" x 1" format?

The problem is that I use these sections in a biologically oriented teaching lab where the scopes take only 3" x 1" slides. Actually, the 26 x 46 mm format, mounted on a 3" x 1" slide would be ideal, because it is not practical to reach the extreme ends of a 3" x 1" slide anyway.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

September 29, 1970

file
Classified Advertising Department

~~Geotimes~~

2201 M St. NW

Washington, D.C. 20037

Dear Sirs:

Please insert in the classified advertising section, to appear once, the following ad:

Guidebooks for field excursions, at \$3.50 postpaid, as follows: E.G. Williams 1969 "Fieldtrip to the Allegheny Front & Appalachian Plateau of Central Pennsylvania," 78 pp., pls. & maps; Swartz, F.M. et al., 1955, "Stratigraphy of Ordovician limestones and dolomites of Nittany Valley from Bellefonte, Pleasant Gap, Pennsylvania," & "Stratigraphy and structure of Ridge and Valley area from University Park to Tyrone, Mount Union and Lewistown, Pennsylvania," 115 pp., pls. & maps. Order from A. Traverse, Deike 529, Univ. Pk., Pa. 16802.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT:kc

Dr Travers

Thank you for the news of the NSF grant; I am glad to have it, partly because NSF for some reason can no longer provide lists of its grants in the earth sciences. Ridiculous, but that's what they say.

Wendell Cochran

Wendell Cochran
managing editor, Geotimes



October 11, 1968

Geotimes
1444 N Street NW
Washington, D.C. 20005

Dear Sirs:

It has occurred to me that you might be willing to include something in the appropriate news column of Geotimes something along the lines suggested just below--it would help us to make various concerned people aware of what we are doing, which would be difficult for us to accomplish privately.

A grant of \$106,000 for the year 1968-69 has been made by the Office of Science Information Service of the National Science Foundation to the Pennsylvania State University for support of studies of techniques for computer-based storage and retrieval of data pertaining to fossil pollen and spores. The work will be under the direction of Alfred Traverse, Associate Professor of Geology at Penn State. Dr. R.B. Sanders has recently joined the staff of the Palynological Laboratories at Penn State to assist Traverse with this project. The literature covered by the first 30 volumes of the Catalog of Fossil Spores and Pollen, published at Penn State, will be used for a pilot study of the techniques developed, but it is hoped that the system devised will be applied eventually to all of the palynological literature. The Penn State group is a cooperating member of the AGI-sponsored Micropaleontological Information Committee (MIC), which embraces many of the major divisions of micropaleontology. It is hoped that a national network of micropaleontological data, stored by mutually compatible techniques and available to the public, will result from the work of MIC.

Thanks.

Yours very truly,

Alfred Traverse
Associate Professor of Geology

AT:kwc

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

5. Dezember. 1993

Frau Nadja Gerlich
Edition Zeitschriften & Lexika
Österreichische Staatsdruckerei
1037 Wien, Rennweg 12a
Österreich

Sehr geehrte Frau Gerlich,

erinnern Sie sich an den alten amerikanischen Professor und seine Frau, mit den Sie in Stonehenge gesprochen haben? Wir haben so selten Gelegenheiten, Deutsch zu sprechen, daß dieses Ereignis uns sehr gefallen hat. Sie und Frau Dr. Närr sind offensichtlich sehr interessante Menschen! Es hat uns ein bisschen beunruhigt, daß Sie geplant haben, noch denselben Tag Salisbury zu besuchen! Wir hoffen, es ist gut und sicher gegangen. Das Wetter war schlimm, besonders wegen des undurchsichtbaren Nebels. Es war unserer Meinung nach, sehr gefährlich auf den Landstraßen.

Nördlich von Stonehenge vielleicht 30 Km liegt eine Kleinstadt, Avebury, die wir sehr empfehlen würden, falls Sie sie diesmal verpaßt haben. Sie ist älter als Stonehenge, viel größer und offensichtlich wichtiger, obwohl mit Abstand nicht so berühmt. Sie ist besonders interessant, weil die neolithischen Ruinen mit einer mittelalterlichen Stadt zusammengewoben ist. Die Gegend ist ein Besuch wert.

Wir wünschen Ihnen schöne Feiertage und einen guten Rutsch ins Neue Jahr! Es wäre schön, falls Sie uns eines Tages besuchen könnten. Es ist auch gut für uns, noch zwei Menschen in Wien kennengelernt zu haben!

mit besten Grüßen, auch an Frau Dr. Närr

Ihr

Alfred Traverse

XXXXXX
863-3419

17 December, 1981

Dr. J. H. Germeraad
Rijksmuseum van Geologie en Mineralogie
Hooglandse Kerkgracht 17
Leiden, Netherlands

Dear John:

We were in Zürich (ETH) on sabbatical much of '80-'81, and I also attended XIII IBC in Australia, had a lecture tour in Turkey, etc. Finally am home and reading mail! Your very nice letter of 6.4.81 just surfaced. Betty and I have equally pleasant memories of your company in Scotland and reciprocate the hope that we'll meet again!

Your paper on non-marine (?) scolecodonts interested me greatly. The taxonomic problems with such things are tantalizing, in that one species of worm can produce a number of different mouth-part "genera", etc.

Thanks for keeping in touch, and all good wishes for the holidays and for 1982 to you and Ri!

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

↙

I send you both my greetings, too!

Leiden, 6-4-1981

Dear Al,

It is a pleasure to me to send you a reprint of my latest paper about scolecodonts observed in Jamaican strata. It deals with the problem of species and even genus definition of this group of fossils. The great variability of the species seems to be related with the sensitivity to facies changes. As the number of specimens in my assemblages is so low I can not solve the problem by statistical analysis. In Brazil and in France much larger numbers of scolecodonts have been found in the Eocene. The workers in these countries are therefore in a more favourable position to solve the problem.

My wife and I enjoyed your company very much during the excursion in Schotland. It was a great pleasure to us to meet your charming wife there. May be, we hope, we shall see eachother again during a forthcoming palynological gathering.

Thank you very much for the nice group-photograph of the participants of the Schotland excursion. With kindest regards, also to your wife,

Yours sincerely,

Johan

J.H. Germeraad

file Seaverd

RIJKSMUSEUM VAN GEOLOGIE EN MINERALOGIE

NATIONAL MUSEUM OF GEOLOGY AND MINERALOGY
Hooglandse Kerkgracht 17, LEIDEN, The Netherlands

Leiden, 5th July

1971.

*N.B.: This letter
is important in
indicating what
the international people
have going on a worldwide
scheme.*

Sch./D 211

Prof. Dr. A. Traverse
The Pennsylvania State University
University Park
Pennsylvania 16802
U. S. A.

Dear Professor Traverse,

By separate mail the two volumes of the "Computer - based Numerical Coding System of the descriptions of pollen - grains and spores" (N.C.S.) have been sent to you. We hope that most of your questions which were laid down in your letter of 26th April to Jan Muller will be answered by reading its Introduction. Your comment on English-in - - English-out may be true, but when coding the descriptions it is necessary to refer to the right morphological feature represented by drawing in the Manual. By using words many mistakes can be made primarily because many features are not or not uniformly termed as can be seen from the illustrations in the Manual, and for example by the possibilities of writing down a specific shape like: wurmlike, wurm - like, wurm like, for which even other words exist. To enter all there words in the Dictionary of Terms would mean a terrific job and a heavy burden to the computer - programme.

In Novosibirsk Schalke will stress the ~~the~~ necessity of a commission on data - banks under the rules of the International Association of Palynologists (still to be created!), a joint - member as well of the I.U.G.S. as the I.U.B.S. The proposal will be made that this commission will coordinate several data - bank systems, and as far as our N.C.S. is concerned to activate the creation of several regional offices in different parts of the world.

RIJKSMUSEUM VAN GEOLOGIE EN MINERALOGIE

NATIONAL MUSEUM OF GEOLOGY AND MINERALOGY

Hooglandse Kerkgracht 17, LEIDEN, The Netherlands

Leiden, 5th july

1971.

Sch./D 211

Penn.State may very well run for American office indeed. Necessities for being a regional office are obviously: 1) active accumulation of descriptions in a data - bank according the N.C.S., 2) regular exchange of new data with each of the regional offices. Both activities to be effectuated in cooperation with the above mentioned commission.

We do hope that this letter has elucidated a little bit our viewpoint of computerization of palynological data.

Sincerely yours,


H.J.W.G. Schalke

J.H. Germeraad

(in charge of N.C.S.)

16 January, 1979

Mr. Roy Gfeller
Box 15246, Trentwood Br.
Spokane, WA 99215

Dear Roy:

Finally I finished the work on the purse--all went well. I therefore return the "kit" per request. Did you ever consider packaging such a kit with an instruction booklet?

Thank you so much.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et
encl: tool kit

16 August, 1978

Roy Gfeller
Box 15246, Trentwood Br.
Spokane, WA 99215

Dear friend:

Enclosed is a change purse of English pigskinnI bought some time ago of a design that I much appreciate and can't seem to find anywhere in leather of similar quality.

Two questions:

1. Any chance you could remanufacture this one? The leather still seems to be good.

2. Whether the answer fo 1 is yes or no, do you or could you manufacture something similar of that nice stiff case leather such as my notebook carrier frog you? If you were contemplating making them, the design of the one I am sending is perfect except for one thing--the snap on the inside pocket should be abolished. It has absolutely no function except to cause an indentation in the leather opposite it. As you will notice from the one I am sending, I removed as much as the snap apparatus as possible without destroying the leather long ago.

By the way, I would like to tell you that the little notebook carrier you made for me of shoe calf is working admirably and has already gone through I don't know how many notebook inserts. That is a good item, and people who like to carry those little dimestore notebooks could all use one! I have thanked God for your help many times!

I am really curious as to why people who make leather things such as the enclosed change purse do not use a better grade of thread--one that is perspiration-proof. There are such things on the market now, aren't there? Best wishes.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et
encl: bedraggled change purse

14 December, 1977

Mr. Roy Gfeller
Box 246, Trentwood Br.
Spokane, WA 99215

Dear Roy (if I may be so bold):

The little case is super! Check for \$4.00 enclosed. The letter was great fun--I won't take you up on the guarantee (39 years!), but I do hope you kept your drawings and specifications so I won't have to send this one back when, if ever, I need a new one.

You have made a lot of people happy with your leather products. I sure hope you don't retire.

I wonder how you knew about my "unknown pollen" tests?--the students are working on them now!

Yours cordially,

Alfred Traverse
Professor of Palynology

AT/et
encl: check for \$4.00

ROY GFELLER

Box 246 Trentwood Br.
Spokane, WA 99215
Phone (509) 924-9749

DESIGN & MANUFACTURE OF QUALITY LEATHER GOODS • SCIENCE FIELD EQUIPMENT SPECIALTIES SINCE 1946

12-5-77

Alfred Traverse
P.S.U.
Palynological Lab.


Friend Traverse:

I am with you in a fit of compassion....I do not like the "Crap-Junk" complex of modern business either. I cannot order 100 buckles to make 100 belts... rejects take 2 to 5 and we get no refund by sending back the unmerchantables. So, I made you a notebook case out of a good cut of shoe calf. The time involved in design and execution hardly can be justified in billing, so we will just call it a flat \$4.00.

I am turning 60 in a week or so, therefore I think this good product will carry a 39 year guarantee. On a lease basis at 5¢ a ^{Month} ~~week~~ this would figure out at 23.40 with some allowance for book work. So, if the thing is defective write up your complaint and mail it to me at that date... If product is not abused, I will send new replacement.

If unit not satisfactory as of now, grind up and place in an unknown pollen test for your students. The tubular cells of leather should make some interesting observations.....

More or less sincerely,


Roy Gfeller

October 6, 1971

Mr. Roy Gfeller
Arlee, Montana 59801

Dear Mr. Gfeller:

I recently saw some equipment made of leather which you are supposed to have manufactured for use in carrying small geological equipment (such as acid bottles) at the belt. Do you have a price list, catalog, or something of this sort? If so, I would very much like to see one.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/kai

Kno 78

Ghosh, Arabinda

Dear Alfred, 78

Season's Greetings
and Best Wishes
for the
New Year

Thank you so much for your sweet remembrance and nice letter. Convey my regards to Betty too. With best regards Lali
Letter follows.



RAMAKRISHNA MISSION SARADAPITHA

SHOW ROOM

BELUR MATH 711-202 : HOWRAH : W. B.

PHONE : 66-3292

My dear Alfred

Ghosh

Please accept this small thing and send me your affection

Soon. I have taken a liberty to put your name, as a referee in my resumé. Hope you will approve. A big letter follows

soon. How is Betty? Please convey my best love to her.

With best regards & love / Lally.

P.S.
Remember
7-IX-25
Lally.

XXXXXX

30 May, 1979

Dr. Arabinda Ghosh
Dept. Geological Sciences
Jadavpur University
48/33, Swiss Park
Calcutta-33, India

Dear Lally:

It was great to hear from you per your letter of 11 May. I am distressed to learn that you are having professional difficulties. It would have seemed that after your long trip you would be regarded as a distinguished scientist in India, and the avenues for the future would be open.

In any case, although you are quite right in recalling that I was very fond of you and that I would do anything truly in my power to help you find employment, I must say honestly that there is nothing on earth that I can do for you at the moment. Indeed, even if you were a palynologist I would have a very difficult time helping you find a place in the current employment market. I have no objection to your using my name as a reference, as I see you have done, but I certainly am not in a position to offer you personal encouragement. I wish you all the best, however, and do hope I might be getting some good news about you one of these days. Very best wishes to you and your family.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Date May 11 1979 .

Dear Alfred,

Trust this letter will find you in excellent situation. Hope you are in receipt of some books which I sent last week. This letter is coupled with my resumé and list of publications, the reason I am explaining now. I need your help, a help for life-time. I want to immigrate to USA to save my research and professional career. Indeed I am in a bad shape. AS you know, unless I get a job in advance and the Labor Dept. certification, it is difficult to procure an immigration visa. If I can ever come out of this environment, I am certain about my full utilization of knowledge and experience through effective and sincere work in my field. Could you please get me a placement anywhere in USA as a professional or as a Post Doc. fellow even? Please do not take any exception for this encroachment as I have no choice. Moreover, I have always found you so affectionate to me that I could step before you while I am in distress. With best love and regards,

Truly yours

Jolly
Jolly Lally

RESUME

- Name** : ARABINDA GHOSH
- Address** : 48/33, SWISS PARK, CALCUTTA - 700 033.
Phone : 46 - 8291
- Personal** : Married 5'-6" 134 lbs. Born 3-11-1944.
- Education** : M.Sc. (Applied Geology) - 1st. Class;
Sept. 1966. Jadavpur University.
Ph. D. (Coal Geology) - Sept. 1971.
Jadavpur University, Calcutta.

Fellow, Royal Microscopical Society.
- Experience** : DEPARTMENT OF GEOLOGICAL SCIENCES,
JADAVPUR UNIVERSITY, CALCUTTA - 700 032, INDIA.
- Sept. '70 - Lecturer in Geology. Teaching Under-graduate & Graduate (Including research guiding) classes in Coal and allied branches. Eight students have completed their graduate theses and one candidate is submitting his Ph. D. thesis with U.G.C. fellowship. Significant contribution in Gondwana Geology (Geol. Survey of India, Publication No. 36, 1977).

Major areas of research : Palaeogeographic re-construction of coal bearing Formations of India and evaluation of Industrial and genetic characters of coals.
- Feb. '77- - With UNESCO/UNDP fellowship, worked in the following
Feb. '78 countries on genetic and industrial problems of coals of the respective countries and India.
- U.K. : X-ray (Diffraction & Fluorescence) Studies of clay minerals in coals and SEM investigations. - S.R.L., Reading University, Berks.
- U.S.A. : Hot-stage microscopy with Time-lapse motion study, Reflectance analyses. - Coal Research Sec., Penn. State University, Pa 16802.
- Canada : (i) Petrogenetic evaluation of Willow-bunch lignites & their correlation, - Institute of Sedimentary & Petroleum Geology, Calgary Alta.
(ii) Microhardness and Reflectance properties of thermally altered, naturally and artificially oxidised coals, - CANMET, Energy Research Laboratories, Ottawa.
- France : Coal Petrology; Evaluation of energy value of coal by non-destructive rapid techniques, - CERCHAR, Creil.
- Belgium : Fluorescence-Reflectance studies of some European coals, - INIEX, Liege.
- Dec. '66- : Research Fellow (Jr. & Sr.) under Council of Scientific
Sept '70 & Industrial Research, New Delhi. Awarded Ph.D. at the completion of the work entitled 'Coal sedimentation in parts of N. Karanpura Basin'.
- References** : 1. Rev. Dr. Alfred Traverse, 435 Deike Bldg. Pennsylvania State University, University Park, PA 16802. U.S.A.
2. Dr. A.R. Cameron, Research Scientist. Institute of Sedimentary & Petroleum Geology, Geol. Surv. of Canada. 3303-33rd Street N.W. Calgary. Alta. T2L2A7. Phone 284-0110
3. Dr. B.N. Nandi, Head of Coal, Coke & Carbon Research. Energy Research Laboratory. 555 Booth Street, Ontario, Canada. K1A 0G1 Phone 996-4570. Ext. 42&43.
4. Dr. Amit Sanyal, 524 West Duke Circle, Rocky Mount. North Carolina, NC 27801 U.S.A. Phone 919-416-1736 (Res).

PUBLICATION LIST OF DR. ARABINDA GHOSH

1. Physico-chemical and petrographic characters of Lower Gondwana Coals of Eastern Himalayas around Pankhabari area, Darjeeling District. Proc. 54th Ind. Sc. cong. Part III pp. 218-219, 1967.
2. Petrographic studies of the Lower Gondwana and Tertiary sediments around Pankhabari Darjeeling Dist. West Bengal. Proc. 55th Ind. Sc. Cong. Part III p, 207, 1968.
3. A note on the Miospore assemblage of Bachra coal measure, North Karanpura Coalfield Bihar and its bearing on the age of the unit. Proc. 56th Ind. Sc. Cong. Part III, 1969.
4. Palynological studies of the coal seams of Bisrampur-Tumang area, North Karanpura Coalfield, Bihar and their bearing on the stratigraphy of the region. Proc. 57th Ind. Sc. Cong. Part III p 199, 1970.
5. Palynological studies of the coal seams of the area around Karkata, North Karanpura Coalfield, Bihar and their implication on the stratigraphic position of the coal bearing horizon. Int. Gondwana Symposium, Aligarh, 1970. Annals of Geol. Dept. A.M.U. Vol. V & VI (Spel. issue), pp 39-52, 1971.
6. Trace element studies of coals of Ray-Khalari area, North Karanpura Coalfield, Bihar Proc. 58th Ind. Sc. Cong. Part III, p. 263-264, 1971.
7. Earthquakes, earth science and interior of the earth. Jour Sc. Club., Vol. XXV No. 3 & 4, pp 75-84 (1971-72).
8. Studies on petrography and microfioristics of coals of Karharbari and Barakar Stages from parts of North Karanpura Coalfield, Bihar. Palaeobotanical Conference. Birbal Saini Institute of Paleobotany, Lucknow, December, 1971, The Palaeobotanist, Vol. 21 No.2 pp. 129-143, 1972.
9. Study of the application of different coal parameters in connection with various stratigraphic and sedimentological analyses. Prod. 59th Ind. Sc. Cong. Part III pp. 208-209, 1972.
10. Palyno-petrographic investigations of North Karanpura coals around Ray-Bachra area, Bihar and their significance on stratigraphy of the measures. Seminar on Palaeopalynology and Indian Stratigraphy, Calcutta University. Proc. of the Seminar, pp. 81-108, 1972.
11. A discovery of fossil fish from Raniganj Formation, Raniganj Coalfield, West Bengal Proc. 60th Ind. Sc. Cong. Sec. 7, Part III pp. 188-189, 1973.
12. Distribution and behaviour of trace elements in some Permian coals of India and their significance in Palaeoenvironmental studies. International Geo-chemical Conference, 1973.

13. Studies on the origin of Authigenic feldspar in Lameta Sandstone around Umrer, Nagpur Dist, Maharashtra. Proc. 61st Ind. Sc. Cong. pp. 146-147, Part III, 1974.
14. Palaeogeographic investigation of the Umrer Basin from Subsurface studies. Proc. 61st Ind. Sc. Cong. pp. 176-177, Part III 1974.
15. Genesis of overgrowth in Feldspar-detritus in Lameta Sandstone around Umrer, Nagpur Dist, Maharashtra - A case study. Geophytology, Vol. 6 No.1, pp. 87-91, 1976.
16. Occurrence of Platyphyllum - a new find in the Peninsular Gondwana. Procd. 63rd Ind. Sc. Cong. Part III, pp. 8, 1976.
17. Identification of cyclic sedimentary sequence and its bearing on geology through graphic and statistical models - Seminar on "Kaladgi beds", at University of Mysore, May, 1976.
18. Industrial Production of Hydrated lime from local mineral resources of Purulia District Proc. "Mineral based resource utilization of Purulia District" (jointly with Amitava Bhattacharya et. al) - W.B.M.D.T.C. May, 1976. Jour. mines, Metals & Fuels, Purulia Seminar No. pp. 122-125.
19. Utilization of local clays of Purulia District for the manufacture of Porcelain insulators - A Technoeconomic layout (jointly with Amitava Bhattacharya et al), Proc. of the Seminar on "Mineral based resources utilization of Purulia District" - organized by W.B.M.D.T.C. May, 1976. Jour. Mines Metals & Fuels, Purulia Seminar No. pp. 224-227.
20. Potentially of Cellular concrete Pre-fabricated structural Blocks and Building components manufactured from local mineral and industrial waste of Purulia District (Jointly with Amitava Bhattacharya et. al) - W.B.M.D.T.C. May, 1976 Jour. Mines, Metals & Fuels. Purulia Seminar No. pp. 158-162.
21. New Tungsten deposit in the Darjeeling Sub-Himalayas near Kalimpong, West Bengal. Proc. 63rd Ind. Sci. Congress. Sec. V. Part III pp. 9-10, 1976.
22. New occurrence of Tungsten deposit in the Eastern Himalayas. Quart. Jour. Geol. Min. Met. Soc. India. Vol. 48, No.1, pp. 43-44, March, 1976.
23. Tungsten ores in the eastern Himalayas - A new discovery : Quart Jour. Geol. Min. Met. Soc. India. Vol. 14, pp. 177, 1976.
24. Tin-Tungsten mineralization in the Darjeeling Himalayas International Seminar on Himalayan Geology, New Delhi. Sec. IV Abs. pp. 146-147, 1976.

25. Important skarn mineralization in and around Chitre, W. Sikkim (1976) Quart, Jour. Geol. Min. Met. Soc. India publication.
26. On the occurrence of Scheelite in the calc. rocks in and around Chitre, West Sikkim (1976) : Himalayan Geology, Seminar, New Delhi (in press, Sec. IV).
27. An occurrence of contact metasomatic Scheelite in West Sikkim : Indian Journal of Earth Sciences Vol. 3 No.2 p. 241, 1976.
28. Distribution and behaviour of Trace elements in some Permian Coals of India Indian Mineralogist. Vol. 17, pp. 23-30, 1976.
29. An interesting find of *Platyphyllum* in the Barakar coal measure of East Bokaro Coalfield, Geophytology (in press) 1977.
30. Discovery of Polymetallic Sulphides and Scheelite in the calc. Silicate rocks between Uttare and Chewabhanjanj. West Sikkim. Proc. 64th Ind. Sc. Cong. Part III, pp. 6-7, 1977.
31. Anomalous Microhardness Impressions of some Weathered Coals - Fuel, Vol. 57.No.5 pp. 317-319 May 1978.
32. Markov Chain Analysis Applied To Raniganj Succession, East Bokaro Coalfield, Bihar. 66th Proc. Ind. Sc. Cong. 1979.
33. Palyno-Petrological Investigation of Coals From Parts of Chupervita Basin, Rajmahal Coalfields, Bihar. 66th Proc. Ind. Sc. Cong. 1979.
34. Sporological studies of Lower Gondwana Formations of East Bokaro Coalfield Bihar - Symposium on "Evolutionary Botany and Bio-stratigraphy", organised by the Calcutta University and Palaeobotanical Society, Lucknow, 1979 (Accepted)
35. Biostratigraphy and some anomalous petrological properties of Chupervita Coal, Rajmahal Coalfield, Bihar - Symposium on "Evolutionary Botany and Biostratigraphy", organised by C.U. and Palaeobotanical Society, Lucknow 1979 (Accepted).
36. Thermo-plasticity and agglomeration study of some American Coals under hot-stage microscope - IXth I C C S G at Urbana, Illinois, USA (1979) (Accepted).
37. A new fossil fish from the Raniganj Formation (upper Permian) of West Bengal (communicated).
38. Statistical Analysis of Barakar Sedimentary Sequence of Urrer Coalfields, Nagpur, in the Light of Conventional Cyclicity (communicated).

.....

file A.K. Ghosh

16 January, 1979

Dr. Manju Banerjee, Lecturer in Botany
Palaeobotany Section, Dept. of Botany
University of Calcutta
35, Ballygunge Circular Road
Calcutta-700019, India

Dear Dr. Banerjee:

I just got your letter of 16 December regarding the commemorative volume for Professor A.K. Ghosh. Unfortunately, this arrives at a not particularly propitious time for me and I must decline the honor, even though the deadline has been extended to 30 January, 1979. There is no way that I can get something ready by that time. Indeed, it would be difficult by the same date in June! I do thank you very much, however, for thinking of me and hope to meet you at some time in the future.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Prof. A. K. GHOSH COMMEMORATION COMMITTEE

Secretariat
Department of Botany
University of Calcutta
35, Ballygunge Circular Road
Calcutta-700019

To
Dr. Alfred Traverse
435 Deike Building.
Pensylvania State University.
University Park,
PA 16802 U.S.A.

Dated. December 16, 1978.

President

Dr. R. N. Lakhnupal

Vice-Presidents

Dr. D. C. Bharadwaj
Dr. M. N. Bose
Dr. S. Chanda

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Prof. A. K. Sharma
Prof. T. S. Mahabale
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Dr. G. C. Mitra
Dr. S. N. Talukdar
Dr. S. K. Bakshi
Dr. U. Sen
Dr. R. K. Kar
Dr. D. Banerjee
Dr. S. C. D. Sah

Treasurer

Mr. Salil K. Choudhury

Secretary

Dr. Manju Banerjee

Dear Dr. Traverse,

Recently we have decided to publish a commemoration volume in honour of Prof. A.K. Ghosh and a symposium has also been arranged for the purpose during 24th - 27th February '79. As a distinguished scientist, contribution of an article from you for the commemoration volume will be the fitting tribute to Prof. Ghosh. May I therefore, request you to very kindly contribute an article in the volume. The volume will be published also to celebrate the 75th birthday of Prof. A.K. Ghosh which falls on 22nd September 1979.

Due to the natural calamities caused by heavy rains and floods in Calcutta during the months of August - September we could not send our first request to the scientists in time and therefore sending the 2nd circular with an extended date for submission of title and abstract of paper.

I am enclosing the circulars along with this letter for your kind perusal.

With best regards,

Yours sincerely,

Manju Banerjee
(Manju Banerjee)

Dr. Manju Banerjee.
Lecturer in Botany.
Palaeobotany Section.

A. K. GHOSH COMMEMORATION COMMITTEE

Dr. Alfred Traverse
Pennsylvania State University
U.S.A

Secretariat
Department of Botany
University of Calcutta
35 Ballygunge Circular Road
Calcutta 700019
India.

Dear Dr. Traverse,

President

Dr. R. N. Lakhanpal

Vice Presidents

Dr. D. C. Bharadwaj

Dr. M. N. Bose

Dr. S. Chanda

Members

Prof. A. K. Sharma

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Dr. A. B. Dasgupta

Prof. A. K. Saha

Dr. G. C. Mitra

Mr. S. N. Talukdar

Dr. S. C. D. Sah

Dr. U. Sen

Dr. S. K. Baksi

Dr. R. K. Kar

Dr. Debashis Banerjee

Treasurer

Mr. Salil Kumar Choudhury

Secretary

Dr. Manju Banerjee

The friends, admirers, students and colleagues of Professor A.K. Ghosh of Department of Botany, University of Calcutta have recently decided to honour one of the pioneer palaeobotanists and palynologists of India in a befitting manner.

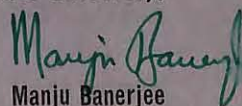
In order to achieve this objective it has been decided to hold a symposium on "Evolutionary Botany and Biostratigraphy" under the joint auspices of the Department of Botany, University of Calcutta and the Palaeobotanical Society, Lucknow in early February 1979, in Calcutta. Contributed papers will be published in the form of a Commemoration Volume.

On behalf of the Organizing Committee may I invite you to contribute a suitable article for the proposed publication. Your acceptance of this invitation and the title of the proposed article may kindly be communicated to me latest by 30th September, 1978. An extended abstract of the article (approx. 1000 words) may kindly be sent to me by 30th November, 1978. Selected papers will be published in the Commemoration Volume and the remaining papers will be published in 'Geophytology', the journal of the Palaeobotanical Society, Lucknow.

The size of the article should not exceed 3500 words including a maximum of two plates.

With regards,

Yours sincerely,


Manju Banerjee

Second Circular

A. K. GHOSH COMMEMORATION COMMITTEE

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

Secretariat
Department of Botany
University of Calcutta
35 Ballygunge Circular Road
Calcutta 700019
India

Dear, Dr. Traverse

President
Dr. R. N. Lakhanpal

Vice Presidents
Dr. D. C. Bharadwaj
Dr. M. N. Bose
Dr. S. Chanda

Members
Prof. A. K. Sharma
Prof. T. S. Mahabale
Dr. S. Deb
Prof. H. C. Gangulee
Dr. A. B. Dasgupta
Prof. A. K. Saha
Dr. G. C. Mitra
Mr. S. N. Talukdar
Dr. S. C. D. Sah
Dr. U. Sen
Dr. S. K. Baksi
Dr. R. K. Kar
Dr. Debashis Banerjee
Treasurer
Mr. Salil Kumar Choudhury
Secretary
Dr. Manju Banerjee

The symposium on Evolutionary Botany and Biostratigraphy will be held from 24th-27th February, 1979, in Calcutta. Contributed papers will be published in the form of a Commemoration Volume and presented to Prof. A. K. Ghosh on his 75th birthday on 22nd September, 1979.

On behalf of the Organising Committee may I invite you to contribute a suitable article for the proposed publication. The title of the proposed article with an abstract (not exceeding 500 words) may kindly be communicated to me latest by 30th January, 1979. The manuscript of the full paper should be written according to the format of the Bulletin of the Botanical Society of Bengal with title, affiliation and address, abstract, text with the references of authors with years, acknowledgments and bibliography in full including title of the paper.

The plate size should be 15cm. x 19cm.
The type manuscript double-spaced, not exceeding 3500 words including a maximum of two plates and with minimum text figures/tables must be submitted at the time of the symposium. Minor alterations will be allowed to manuscripts for up to one month.

Yours sincerely,

Manju Banerjee

Manju Banerjee

1st. December, 1978

UNIVERSITY OF CALCUTTA

Department of Botany

35, Ballygunge Circular Road,

Calcutta - 19, INDIA.

February 22, 1966.

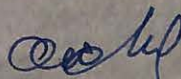
Dear Dr. Traverse,

Thank you very much indeed for your letter dated September 1, last and your reprints.

When I asked for these reprints, I was in the Oil and Natural Gas Commission at Dehradun and please note my change of address. Last year, I attended the 7th International Congress for Quaternary Research at Boulder in August-September and met several Palynologists of U.S.A. I regret to have missed you. Your reprints will be of much use to here.

With kind regards,

Yours sincerely,



(A.K. Ghosh)

Reader in Botany,
Calcutta University.

Dr. Alfred Traverse,
Geologist,
Bureau of Economic Geology,
The University of Texas,
University Station Box
Austin 78712
U. S. A.

1 September 1965

Dr. A. K. Ghosh
Bose Institute
9311 Upper Circular Road
Calcutta 9, India

Dear Dr. Ghosh:

I just came across a request from you in 1962 for a certain reprints of mine--which request never was honored. Though it seems you have likely forgotten the request, I am sending the reprints.

Please note my change of address.

Yours very truly,



Alfred Traverse
Geologist

AT:jt

February 8, 1974

Mr. Kalyan Ghosh
International Hall
Brunswick Square
London WC-1, England

Dear Mr. Ghosh:

Thank you for your letter of recent date which has been referred to me for answer. We have two programs in micropaleontology here at Penn State, one in palynology under my direction, and another in ostracods under the direction of Dr. Albert Guber. I take it that you might be interested in applying for graduate work in one of these programs. Perhaps I should have an indication from you of that before proceeding any further. The normal procedure, of course, is to fill out all the various blanks for such graduate work and proceed from there. I will wait to hear from you as to whether palynology or ostracods are one of your interests, and whether you want to apply for work in one of these two areas here.

Best wishes.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/vsi

cc G. Pringle
Dr. A. Guber

April 22, 1969

Dr. Donald L. Gibbon
Ferro Corporation
4150 E. 56th Street
Cleveland, Ohio 44105

Dear Don:

Was your letter of 16 April ever a shock! I didn't even know you were out of town, much less that you had taken another job. I felt bad, because I liked you and because I had not sufficiently taken advantage of the opportunity to get to know you when you were here. So it goes.

Unfortunately, there is little that can be done palynologically with amber--I have tried. The trouble is that the stuff isn't soluble in anything that doesn't destroy pollen exines. However, I do have a friend who is the world's authority on amber--I call her jokingly "the amber lady". When I get the letter and sample, I will see if there is anything I can do (which is possible, if it isn't really amber!--a good chance, from past experience). If not, I'll get in touch with the amber lady and see what she can do. O.K.?

By the way, I still have the very interesting book by Dabzhansky and will forward it to you one of these days. I have found it very useful indeed.

Best wishes to you, as always.

Yours very truly,

Alfred Traverse
Associate Professor of Geology & Biology

AT:kwc



HEADQUARTERS
4150 EAST 56TH STREET
CLEVELAND, OHIO 44105 U.S.A.
TELEPHONE: 216 641-8580

April 16, 1969

Dr. Alfred Travers
Geology Department
Pennsylvania State University
University Park, Pennsylvania 16802

Dear Al,

I am writing in hopes that you may be able to help me to answer a request for assistance that I just received from a Peace Corps Volunteer through an organization known as VITA (Volunteers for International Technical Assistance). This organization was formed privately to help with requests for technical advice from underdeveloped countries, and has recently been given official sanction as the clearing house for such requests from the Peace Corps. I have discussed the organization with Bob Schmalz, and you might ask him more about it, if you're interested.

At any rate, I just received the enclosed request. I am going to handle the thin section end of the request, and wondered if you or one of your students could look at the amber. I have taken the liberty of telling Naff, the requestor, to send you a sample when he writes to you, in an effort to cut down the time lag between his first writing, and the final answer. I hope you can give him some help.

Sincerely yours,

A handwritten signature in cursive script, appearing to read 'Don'.

Donald L. Gibbon

DIG:cf

Enc.

PC

R. Na
Cuerpo de Paz
A-C Embajada de Los EE. UU.
Santo Domingo, Republica Dominicana
Feb. 18, 1969

VITA

c/o WNYW

New York City, N. Y.

Dear Sirs,

I understand that your organization lends technical aid to Peace Courps Volunteers. If I could, I would like to draw upon this aid.

I am a geologist trying to work out the older geology of a small part of the East end of the Dominican Republic. The area is presently so poorly mapped that, even though inaccuracies will result from the sketchy methods that I am using, I feel that the improvement will be far more credible.

However, before I can justify labeling some of the rock types, I feel that thin sections should be made and identified. This cannot be done here due to the lack of equiptment. The rocks I would like identified are all volcanics, varying from possible welded tuffs to tonalites. Hopefully, I would limit the number of thin sections to somethin under 20.

A lso, I would like to know if it would be possible to have some amber examined for pollen. Amber occurs in the youngest deposit in the area, and I understand that pollen is sometimes an excellent means of dating. However, this would have to be done by a paleontologist with experience in this field and his services may not be easily obtained. As I can prob-

14278 - Volcanic Rocks IDENTIFICATION
14279 - Amber EXAMINATION

REQUEST LETTER

ably get by without this last request and if it is something unobtainable, we can delete it in favor of the former.

In any case, I will be glad to hear from you.

Sincerely,

R. L. Naff

Richard L. Naff

U.S. DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY
WASHINGTON, D. C. 20250

1 September, 1981

Alfred Traverse, Professor of Palynology

William E. Gibbs, Advertising Program

Dear Colleague:

This is just to satisfy personal curiosity and to inform some friends with whom I have discussed the same.

In my youth--say 1940--the sides of large trucks were always covered with ads--usually but not always ads for the owner. There has in recent years been a marked trend away from this--and many trailers of tractor rigs are quite bare. What is the reason? It is not useful or effective space? It is against some sort of labor union policy? Nobody has an effective way of selling the space? Or what?

Curiously, as I oppose billboards on interstate roads, I deplore the impoverishment of this sort of scenery on the trucks, which are already there. But mostly I'm just interested.

In order to back up the anecdotal info with numbers, I counted oncoming trailers on the Ohio Turnpike on Monday, 3 August, for a two-hour period: 76 were plain, 50 had some advertising. Actually, ~~the~~ 'plain' factor is greater than this because I counted moving vans (perhaps 20) as "with advertising". I counted as 'plain' any trailer with just a company name or initials occupying less than 25% of the surface, and not including a slogan or promotional info of any kind.

Hope you can shed some light.

Mobil Exploration and Producing Services Inc.

P.O. BOX 900
DALLAS, TEXAS 75221

April 19, 1982

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

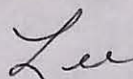
Dear Al:

Your letter to R. T. Clarke was forwarded to me with a request that I consider your request for financial assistance in your graduate program.

We do not have the budget authority here to allocate funds as you have requested. As you may know, the tempo of requests from various quarters have increased of late. As a result of this, our office in New York is coordinating requests received from the academic community. I would suggest that you contact our Chief Geologist, R. E. Roadifer, 150 East 42nd Street, New York, New York 10017 with your specific request.

I wish it were possible for me to be more encouraging, but hopefully, Roy Roadifer may be of some help.

Very truly yours,



L. B. Gibson
Chief Stratigrapher

LBG/jg

16 February, 1979

Dr. Robert Giegangack
Department of Geology
University of Pennsylvania
Philadelphia, PA 19174

Dear Bob:

It was good to meet you last week and I only wish we had had more time to talk. I intend to take advantage of your presence in Philly to look at some of my paleoclimatological ramblings as they come forth and hope that you can take time to do some good for me in that area.

I also would like to tell you how much I enjoyed my time with Hermann, whom I had met years ago at the Dunkard Symposium but had never had a chance to visit with in any depth. I think that he is doing a great job for you all down there and if he had time to add palynology to his bag of tricks you would be covering the waterfront in paleobotany! But nobody except possibly Jim Schopf and Bill Chaloner have ever succeeded in ~~in~~ carrying that one off! Hermann is doing a fine job, and I have great respect for his imagination and intelligence to say nothing of his rich background. I do hope that he and I can do some things cooperatively in the future. This is unrelated, but I must say I envy him the fine space allocation which paleobotany enjoys in Philadelphia. This paradoxically seems impossible to arrange in State College despite the fact that the area is surrounded by fields. If we don't have graduate students sitting in every corner of a room we lose it.

Thanks again for your hospitality and interest.
Best wishes to you all.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

file
18 December, 1980

Dr. Emily B. Giffin
4753 N. Newhall St.
Whitefish Bay, WI 53211 USA

Dear Emily:

Thanks for a very nice greeting. In answer to your questions-- Celia is a freshman daughter at PSU. She and the other kids will be together for Christmas in NYC, where both Paul and Martha live. John will also be there, enroute to Virginia from Germany. Meanwhile, the parents will be in Zürich. The "storybook" aspects of Switzerland are there all right, up in the Alps, but my day consists mostly of work in the Geological Institute, and Zürich is just another big city, albeit the lake and mountains in the background give it a nice setting--rather like Seattle.

Good to hear about your kids--enjoy 'em--it's so much fun when they're tractable.

Happy holidays.

Yours very truly,

Alfred Traverse
Visiting Professor

AT/et

4753 N. Newhall St.
Whitefish Bay, Wis. 53211
Nov. 30, 1980

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

Dear Betty and Al,

Thank you so much for all of your hard work on the Cambridge Argillite. I'm sorry the results were negative, but palynological dating seemed like too good a tool to ignore even if recovery of palynomorphs was quite a long shot. It also reassures me that my preparation technique was at least in the ballpark - - I got the same sort of "debris" you described in your letter. Again, many thanks.

I hope you are enjoying Zurich. Christmas in Switzerland sounds storybook-beautiful. Is even Celia old enough to stay in Pennsylvania, or is she with you? I guess quite a few years have passed since I saw her-- she's probably in college already.

The younger generation is growing quickly here, too. Daniel will be four in a few weeks, and Hannah is five months old already. Our being close to home for the first time in many years makes this Christmas so special. My extended Wisconsin family is really enjoying the children and I think Daniel and Hannah are very lucky to have aunts, uncles and grandparents (even a great grand!) around.

I hope this reaches you in time for "Blessed Advent" to still be an appropriate greeting.

As ever,



Emily B. Giffin

22 October, 1980

Dr. Emily Giffin
4753 N. Newhall St.
Whitefish Bay, WI 53211

Dear Emily:

At long last we have finished processing the two samples you sent the end of June. We treated them very gently in order to maximize the possibility of extracting palynomorphs, as follows:

pulverized very gently
let stand in 10% HCl, stirring at first, then allowing to settle.
poured off acid, washed with water, allowed to settle.
poured on 52% HF, allowed to sit for one month, stirring occasionally, and adding fresh acid
gradually replaced HF with 20% HCl. By this time, G2 (Roxbury Conglomerate) had turned dead white, and G1 (Cambridge Argillite) was black.
gradually replaced 20% HCl with H₂O, until all acid was gone. centrifuged.

Results:

G2 was completely barren--just a white, gelatinous residue
G1 looked slightly promising, so half was given a sink-float treatment. Examination of the (very small) float showed some highly carbonized, unidentifiable possibly palynomorphs, and some scraps of slightly lighter, but still unidentifiable possible palynomorphs. In other words, there was nothing to study. Sorry!

In a couple of weeks, we leave for a sabbatical leave to work at E.T.H. in Zürich for six months, so we are fully occupied preparing to go.

Best wishes to the family--especially the new baby!

Yours very truly,

Alfred Traverse & Betty Traverse
Professor of Palynology, etc.

31 July, 1980

Dr. Emily Giffin
4753 N. Newhall St.
Whitefish Bay, WI 53211

Dear Emily,

Thanks for yours of 24 June--it and the samples were awaiting our return from UK last week. More recently, the really exciting news of a new Giffin arrived--hearty congratulations! More later about the samples.

Sorry to lose our newly established connection at good ol' Wellesley!

All the best.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

wellesley college

department of geology



June 24, 1980

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

Dear Al,

Under separate cover I have sent you your two best samples for palynological processing. They are:

- G 1** #1 - Cambridge Argillite (Somerville, Mass.)
G 2 #2 - Roxbury Conglomerate (Rte. 9, Newton, Mass.)

Thank you very much for the extra work involved in processing the samples. Now let's hope there is something in them!

The stork is very late, and I'm not at all pleased about it. At least it has allowed me time to get these specimens off to you before the midnight feedings start.

I hope you have (had) a wonderful time in England.

Sincerely,

Emily
Emily B. Giffin

wellesley college

department of geology



March 11, 1979

Dr. Alfred Traverse
Department of Geology
Deike Hall
Pennsylvania State University
University Park, Pennsylvania

Dear Al,

Just a quick note to say THANK YOU for the palynological residues which arrived here in plenty of time and in fine shape. They should help some young minds see the applications of microfossils to the stratigraphic record.

I appreciate your helping me improve my course.

Sincerely,

A handwritten signature in cursive script, appearing to read "Emily B. Giffin".

Emily B. Giffin

17 June, 1980

Dr. Emily B. Giffin
Department of Geology
Wellesley College
Wellesley, MA 02181

Dear Emily:

Presumably this will reach you in the hospital--unless this baby really is arriving via stork delivery service.

Actually, before opening, I thought your letter would be about your campaign to succeed Mrs. Newell. You'd be great.

Yes, we'll look at two (that will be enough to say yes or no) samples of your best shale (silty shale best--remember?). From what you say, it sounds as if they are too "cooked". But we'll look--don't you ever try something easy?

Betty and I go to NK next week for 5th Int. Palynological Conference--I'm ICP President, as you may know.

I have resigned after 5 yrs. as vicar in Huntingdon--my successor is a woman "priest" (priestess?). I like her fine, but I don't approve of the phenomenon--may have to become Greek Orthodox.
r

Send us a baby announcement. All the best.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

wellesley college

department of geology



June 12, 1980

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

Dear Al,

Time for an update and some more favors to ask of you. Hope you don't mind.

A co-worker and I have been intrigued by the Roxbury Conglomerate, a local unit that has been dated as everything from Cambrian to Carboniferous. Its been the source of some heated debate. Perhaps you heard of it in your Harvard days. Its undergone some low grade metamorphosis, and is devoid of macrofossils, probably the result of its large grain size. We picked out four shaly or sandy interbeds and ran palynological macerations on them. We convinced ourselves that there is organic material present, but frankly our preparations were not of good enough quality, given the gerrymandered lab and rusty technician. I am hoping that you (or better yet, a graduate student) might run them again for us if I sent you some material. We would be glad to co-author anything that might emerge with you. If this is inconvenient, just say the word.

On other fronts, Andy and I are taking a two year (at least) sabbatical from Boston to wait for political winds to change. He has a counsel job with the National Association of Insurance Commissioners in Milwaukee, Wisconsin, and I'll be teaching geology and working on Devonian fish at the University of Wisconsin-Milwaukee. We hope to return here someday, although the family ties in Wisconsin are very strong. We also have a baby due next week, so I'll only have one foot in the geological door for a while again.

I hope things are fine in Pennsylvania, especially at Penn State and in Huntingdon. It seems that the rate of change in the Episcopal Church is slowing somewhat to give us all a chance to adjust.

Please let me know how you feel about doing the maceration, and best wishes to you all.

Sincerely,

A handwritten signature in cursive script that reads "Emily".

Emily B. Giffin

16 February, 1979

Dr. Emily B. Giffin
Department of Geology
Wellesley College
Wellesley, MA 02181

Dear Emily:

What a surprise! As you probably remember Betty is a Wellesley graduate, and we are bathing in the reflected glory of your new position. I do hope your hopes to become indispensable are borne out in fact. I can imagine future seminars on this and that at Wellesley which would be essential for me to attend. I have had this thing going about Wellesley for a long, long time!

Thanks for the good wishes about Huntingdon. Frankly, it's like having a bear by the tail, and I don't know how long I can hang on. I will pass the information about Susanna Nicholson on to my Mother. She was very fond of her.

Regarding the favor you request. That is no particular problem and I am sending you under separate cover three vials from which you can make slides. They are as follows:
(PRC = Paleopalynological Residue Collection, my numbers)

PRC 2692---Pennsylvanian, stage unknown, coal from a mine in Letcher Co., Kentucky

PRC 2769---Pennsylvanian, Missourian (Stephanian A), sandy shale from an abandoned quarry in Tulsa Co., Oklahoma

PRC 2771---Pennsylvanian, Westphalian B-C, Grand Ledge Cyclothem from Grand Ledge Clay Products quarry, Grand Ledge, Michigan

Let me know if something happens and they don't arrive, or arrive in ruinous condition. Don't you have a palynological lab? If you do, what you should get is raw samples and teach the students to process them! All the best wishes to you. I hope palynology, Wellesley or the Episcopal Church will bring us together before too long.

Yours very truly,

Alfred Traverse
Professor of Palynology

wellesley college

department of geology



February 1, 1979

Dr. Alfred Traverse
Department of Geology
Deike Hall
Pennsylvania State University
State College, Pennsylvania

Dear Al,

Greetings from the past! At last contact I asked you to write a reference for me. I didn't get that scholarship, but am now very happily teaching at Wellesley. It is a two-year job, filling in for an absent professor. I'm trying to make myself indispensable in the meantime.

I trust things are well with you and the parish in Huntingdon. I keep running across references to your work, so know you are publishing. As an Episcopal aside, I think you might be interested to know that Susanna Nicholson Cockrell is now Companion-in-Charge of the Companions of the Holy Cross. They run a conference center (Adelynrood) north of Boston. We visited this past summer -- a beautiful place.

I am writing for another favor, which I hope you will ignore if it is difficult or inconvenient. I'm teaching historical geology this semester, and have devised a lab on cyclothems. I would very much like my students to see some Pennsylvanian palynomorphs. Could you send residue or slides (about 3 each) of Westphalian C and Stephanian A samples? If these aged specimens are not available, any two Pennsylvanian samples of reasonably disparate ages would do. Thank you very much.

I have an article in the March, 1979 Journal of Paleontology, and another in the works for Postilla. We also have a two-year old son (Daniel) as of two weeks ago. Never a dull moment!

Hope this isn't too much of an imposition. I very much appreciate your help.

Sincerely,

A handwritten signature in blue ink that reads "Emily".

Emily B. Giffin

RECOMMENDATION

Institute for Independent Study Fellowship Program

Radcliffe College

Deadline Date: October 15, 1977

Name of Applicant _____

Emily B. Giffin *file*

The Institute for Independent Study at Radcliffe College would appreciate receiving in duplicate your evaluation of the applicant and her project. Selection guidelines for fellowships are: (1) that the time at the Institute will make a significant difference in the professional life of the Fellow, and (2) that the project is likely to make a major contribution to her field. We seek your views on strengths and weaknesses of the candidate and her ability to pursue independent study, and comments on the quality of her proposed activities. The accompanying enclosure describes the program. Please use reverse side if necessary.

Emily Giffin is well known to me because several years ago while she was a research associate at the William Penn Museum, Harrisburg, she arranged to take my palynology course here at Penn State, necessitating a 200 mile round-trip auto expedition three times a week for ten weeks! On several occasions when weather conditions made return to Harrisburg impossible, Ms. Giffin stayed with us, and we got to know her socially in that way. She is a very talented person with great drive and ambition, as shown by her decision to add paleopalynology to her bag of tricks despite the real hardship the project entailed. She did a fine job in the course (the top grade) and later did very well on a research project with which I helped her. She is resourceful, well spoken, well read, dependable. I am only surprized that she proposed research on fish! Just shows her versatility, I guess. I would rather she had done palynology, but, oh well!--the agnathan fish are an important, pivotal group, and her work should be interesting.

14 October, 1977

Date _____

Signature AT

Please check one: Recommended Not Recommended _____

Please state how long you have known the applicant and whether your relationship has been personal or professional three years; both

Name Alfred Traverse
(please print or type)

Position Professor of Palynology

Institutional Affiliation Pennsylvania State University

Address 435 Deike Building, University Park, PA 16802

Please mail this statement directly to the Institute for Independent Study, Fellowship Program, Radcliffe College, 3 James Street, Cambridge, Massachusetts 02138.

29 October, 1976

Dr. Emily Giffin
William Penn Museum
Earth Sciences
Box 1026
Harrisburg, PA 17120

Dear Emily:

Thanks so much for the box labelled "two metal fish" -- I was all excited because it's my name day -- but it was only used Lycopodium spores.

Good luck in your new venture!

Yours very truly,

Alfred Traverse
Professor of Palynology

AT7et

SUBJECT:

TO: Al Traverse

FROM: Emily Giffin

Thought you should have this before I quit: the premissis!
Thank you so much for your help over the last almost two years.

Sincerely,

Emily

Return
of Lycopodium
spores

XXXXXX

April 14, 1976

Dr. Emily B. Giffin
2336 North Second Street
Harrisburg, PA 17110

Dear Emily:

Thanks for yours of 4 April and the sad news that you are leaving our area. I am trying to read between the lines to find out what is causing this horrible wrench, but can only imagine that your husband is taking other employment.

There's no getting around it that you will find the Boston area more stimulating than Harrisburg. It is a fabulous place for people of any age and has only the considerable drawback, more pronounced with the passage of years, that the cost of living is very high. There are all sorts of opportunities there, but I am not enough in touch to be able to tell you more specifically about any of them. There are close to a dozen institutions of higher learning in the immediate Boston area, and I imagine it's not impossible that you could catch on as an academic, particularly if you are in a position to be a little patient. There is an excellent museum of science which might be able to use your talents, but by far the biggest museum complex in the area is at Harvard. At one time, 25 years ago, I had many connections at H. I have still quite a few, but they are mostly centered in the admissions office because of my work as a "recruiter". However, Elso Barghoorn is still a good personal friend, as is the curator of the botanical museum, Dr. Schultes. I think the natural person for you to visit as soon as you find time and an opportunity would be Dr. Barghoorn. He may not have employment at the moment but he often does employ people. Furthermore he might know of openings in the various parts of the museum complex at Harvard. You certainly are free to use my name, and I will write letters to anybody you suggest after you have made initial entry. The Museum of Comparative Zoology at Harvard would be the ideal place for you to catch on, but I imagine you might have to serve an "apprenticeship" unpaid, somewhat the way you did in Harrisburg, before they decided they couldn't get along without your services.

Do keep in touch. ~~Come~~ and see us again when you can. Let me know if there is anything further that I can do to give help. I'm afraid I'm not being too useful so far. By the way, your vita does not list any publications, suchh would be helpful in selling yourself. You also don't admit your skills in paleobotany! I had always thought that a joint Traverse-Giffin publication might come out one of these years when time aadppportunity afforded, but I suppose that is down the drain now. Best vegards to Don Hoff. Best wishes and bon voyage.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT:jb

2336 N. 2nd St.
Harrisburg, Pa. 17110
April 4, 1976

Dr. Alfred Traverse
529 Deike Building
Pennsylvania State University
State College, Pennsylvania.

Dear Al,

I am writing to you because I plan to move to the Boston area in the near future, and am unaware of what job opportunities may be available there. Remembering that you lived there, and are in touch with the paleontological market place, I hope that you can help me in my search for new employment. I realize that the job market is tight, but feel that I could fill a wide variety of positions, from academic to curatorial, both invertebrate and vertebrate. I would consider a teaching job, and feel competent to teach invertebrate paleontology, vertebrate paleontology, stratigraphy, evolution theory, vertebrate zoology, and other courses in that line. I do not know what museum jobs might be available.

As you may be aware, my academic background is in vertebrate zoology, with a good number of geology and paleontology courses. My museum job has provided a very intensive education in invertebrate paleontology and regional stratigraphy, as well as curatorial and exhibit experience. I have included a resume for more background information.

Although I am sad at the prospect of leaving the good job in Harrisburg, I'm sure that the change will bring interesting experiences and wider horizons. I hope to make Pennsylvania's paleontology a subject of further study -- not many fossils in Massachusetts!

Because the date of my departure from Harrisburg is very uncertain, I would appreciate your keeping this inquiry confidential. I would also like to request permission to use your name as a reference.

Thank you very much for any aid you can give me.

Sincerely,

Emily
Emily B. Giffin

RESUME OF EMILY B. GIFFIN

PERSONAL DATA Birth date: September 9, 1947
Age: 28
Marital status: married
Current address: 2336 N. 2nd St., Harrisburg, Pa. 17110
Phone: (717)-236-3869

EDUCATION Degree: Ph.D. in Zoology
George Washington University, 1974
Thesis title: Phylogeny of the Artiodactyla: A
Study of Gross Cerebral Characteristics
Honors: Teaching Fellowship, 1970-1971
King Fellowship, 1971-1972, 1972-1973
National Science Foundation Dissertation
Award, 1973
Sigma Xi, Scientific Research Honorary

Degree: Master of Science in Zoology
University of Wisconsin, 1971
Thesis title: Mesozoic reptilian dispersal and
Continental Drift
Honors: Teaching Fellowship, 1969-1970

Degree: Bachelor of Arts in Biology
The College of Wooster, 1969
Honors: Honor Roll
Schwartz Memorial Award, 1968, 1969
Mateer Prize in Biology, 1969
Phi Beta Kappa

EMPLOYMENT Curator of Paleontology, William Penn Memorial Museum,
1974-present
Head instructor and preparator, Freshman biology labs,
George Washington University, 1971-1972; 1972-
1973
Teaching assistant in Zoology, University of Wisconsin,
1969-1970
Genetics Technician, The College of Wooster, 1968-1969
Research assistant in genetics, University of Wisconsin,
summer 1969
Research assistant in Horticulture, University of
Wisconsin, summers of 1965, 1966, 1967

December 12, 1975

Dr. Emily Giffin
Department of Earth Sciences
William Penn Museum
Box 1020
Harrisburg, PA 17108

Dear Emily:

Some people from Dickinson College came by the other day expressing an interest in palynology and wanting to learn how to process samples in an afternoon. I told them that it wasn't that easy and suggested that they might want to get in touch with you. I didn't commit you in any way. I'm also wondering how you're getting along, of course, with your scolecodont-chitinozoan studies.

I am enclosing a xerox copy of a form that came here that sounds quite interesting. Best wishes for the holiday season.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT:jb

Enclosure: xerox copy.

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

11 August, 1975

Dr. Emily B. Giffin
William Penn Memorial Museum
Box 1026
Harrisburg, PA 17108

Dear Emily:

As you can surmise from what is above, I am without secretarial assistance at the moment. So, watch out.

You may also have guessed that I was in Europe when yours of 11 July came. I therefore have taken a month to get around to answering, but I couldn't help it!

I am glad to hear of our mutual interest in chitinozoans of PA, but there seems to be a good chance that you will actually be able to do something about YOUR interest! Good. In answer to one of your queries, I would indeed be interested in working with you on the chitinozoans, to the extent that time is available.

First of all, in direct answer to your questions:

1. There are chitinozoan range charts; Jansonius lists some of them, and I have access to others.

2. Chitinozoans have been found in limestones, but marine shales are a better bet. Also, cherty inclusions in limestones often have such microfossils when the enclosing rock doesn't. I am not sure about response to metamorphism, but I would expect it to destroy chitinozoans as readily or more so than spores. Dolomites will be not any good, except for cherts found in dolomites (not an uncommon thing around here, for example).

3. You could use the Penn State EM, but would have to pay for it, as I do. It costs something like \$50 an hour.

4. See above--I have a real interest in the subject and would find it fun to be involved. I have a lot of the literature, and most of the rest is in the library. How about picking an area that is a problem stratigraphically--in collaboration with folks at the Survey?--and going to work on it?

One of the students who took 423 when you did took the problems course in the Spring. I kput him onto the Tuscarora, from which I had taken promising samples, and he got a good flora of very odd things. Some look like tetrads.



COMMONWEALTH OF PENNSYLVANIA
PENNSYLVANIA HISTORICAL AND MUSEUM COMMISSION
WILLIAM PENN MEMORIAL MUSEUM AND ARCHIVES BUILDING
BOX 1026
HARRISBURG, PENNSYLVANIA 17108

July 11, 1975

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

Dear Al,

Thank you for your letters. I'm glad to have been a contact between you and Aunt Sue. Your processing marathon on the Black Sea has served as an inspiration to me, and caused me to do some thinking about palynological projects for the winter months. After talking with Sam Root at the Survey, a chitinozoan study of some of Pennsylvania's Ordovician rocks sounded like a very interesting stratigraphic tool for the Great Valley. However, since I have no background in chitinozoans, a few basic questions need answers:

- 1) Is there a standard stratigraphic succession for Ordovician chitinozoans? (W.A.M. Jenkins, 1969, is perhaps at least a start.)
2. Are there likely to be chitinozoans in the limestones of the Great Valley? Various authors in the chitinozoan chapter in Tschudy and Scott seemed to have different experiences with limestones versus shales as matrices. Do chitinozoans survive restricted metamorphism? I assume that the dolomites must be written off.
3. Would the Penn State EM be available? Would instruction on the use of the EM be time-consuming?
4. Would you be willing to participate in such a project? Do you have access to the chitinozoan literature?

Reviewing all the drawbacks makes such an undertaking seem overwhelming at best. I'd appreciate your opinions very much.

Sincerely,

Emily

Emily B. Giffin
Curator of Paleontology



83

Ellipsocephallus hoffi
Jince Formation, Middle Cambrian
Jince near Píbram, Czechoslovakia
Photo B. Landisch

Gabrielová

Schicklová

PF 1984

June 25, 1975

Dr. Emily Giffin
William Penn Museum
Harrisburg, Pennsylvania 17120

Dear Emili:

Thanks for sending me the thing from my old friend Susanna Nicholson. I am going to try to drop in on her in Ann Arbor one of these days when I'm out in Michigan. Hope that your palynological interests are holding firm and expanding. Do keep in touch with me, and if possible, try to include me in some project one of these days. I am fond of you, your co-worker, Don Hoff, and the general sorts of things that I think could be accomplished down your way.

Best wishes to Don.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT:kc

P.S.: I just got back from the Black Sea and have a very interesting palynological story to tell about the cruise. Can you believe that I processed and studied and wrote reports on 226 samples while on board? I think it probably is a case for Guinness record book.

April 29, 1975

Dr. Emily Giffin
Department of Geology
William Penn Museum
Harrisburg, Pennsylvania 17102

Dear Emily:

Many, many thanks for the various pollen blessings, charts,
etc.--I will be able to make good use of all this from time to
time (a religion-science contact I never contemplated!).

Best wishes to you.

Yours cordially,

Alfred Traverse
Professor of Palynology

AT/vsi

Esbeck

Fidelity Onion Skin

100% COTTON